

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031418\
 Data File : VX000315.D
 Acq On : 14 Mar 2018 16:00
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

sam
 3/15/2018 3:36:51 PM

Quant Time: Mar 15 02:31:13 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 15 01:30:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	147109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	231532	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	226070	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	122625	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	2268	1.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.90%	
35) Dibromofluoromethane	5.51	113	1593	1.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.16%	
50) Toluene-d8	8.72	98	6194	1.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.20%	
62) 4-Bromofluorobenzene	11.15	95	2674	1.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	1812	1.44	ug/l	97
3) Chloromethane	1.32	50	1944	1.42	ug/l	94
4) Vinyl Chloride	1.41	62	2110	1.48	ug/l	98
5) Bromomethane	1.65	94	2121	1.75	ug/l	98
6) Chloroethane	1.73	64	1461	1.83	ug/l #	83
7) Trichlorofluoromethane	1.93	101	3211	1.34	ug/l	100
8) Diethyl Ether	2.20	74	1304	1.59	ug/l	77
9) 1,1,2-Trichlorotrifluoroet	2.39	101	1837	1.34	ug/l	98
12) 1,1-Dichloroethene	2.38	96	1809	1.48	ug/l #	75
14) Allyl chloride	2.73	41	3201	1.38	ug/l #	92
15) Acrylonitrile	3.15	53	6826	7.06	ug/l	98
16) Acetone	2.45	43	7357	6.23	ug/l	92
17) Carbon Disulfide	2.57	76	5242	1.35	ug/l #	83
18) Methyl Acetate	2.78	43	3393	1.44	ug/l	91
19) Methyl tert-butyl Ether	3.21	73	5846	1.35	ug/l	92
20) Methylene Chloride	2.87	84	2071	1.49	ug/l #	88
21) trans-1,2-Dichloroethene	3.17	96	1970	1.45	ug/l #	77
22) Diisopropyl ether	3.87	45	5661	1.44	ug/l #	90
23) Vinyl Acetate	3.83	43	26849	7.67	ug/l	96
24) 1,1-Dichloroethane	3.70	63	3372	1.48	ug/l #	93
25) 2-Butanone	4.72	43	8422	5.35	ug/l	91
26) 2,2-Dichloropropane	4.59	77	2519	1.26	ug/l	77
27) cis-1,2-Dichloroethene	4.60	96	1911	1.35	ug/l	90
28) Bromochloromethane	5.02	49	1372	1.28	ug/l #	100
29) Tetrahydrofuran	5.17	42	5787	6.00	ug/l	96
30) Chloroform	5.22	83	3007	1.26	ug/l	92
31) Cyclohexane	5.59	56	2551	1.23	ug/l #	90
32) 1,1,1-Trichloroethane	5.50	97	2617	1.18	ug/l #	50
36) 1,1-Dichloropropene	5.81	75	2400	1.17	ug/l	91
37) Ethyl Acetate	4.87	43	3147	1.10	ug/l #	97
38) Carbon Tetrachloride	5.79	117	2404	1.07	ug/l #	90
39) Methylcyclohexane	7.46	83	2725	1.05	ug/l #	83
40) Benzene	6.15	78	7019	1.21	ug/l	92
41) Methacrylonitrile	5.07	41	1813	1.21	ug/l #	84

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Manual Integrations
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Quant Time: Mar 15 02:31:13 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 15 01:30:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 1,2-Dichloroethane	6.21	62	2826	1.34	ug/l #	78
43) Isopropyl Acetate	6.48	43	3979	0.94	ug/l #	93
44) Trichloroethene	7.22	130	2074	1.13	ug/l	94
45) 1,2-Dichloropropane	7.53	63	1572	1.05	ug/l	98
46) Dibromomethane	7.67	93	1411	1.26	ug/l	97
47) Bromodichloromethane	7.90	83	2071	0.98	ug/l #	86
48) Methyl methacrylate	7.79	41	2174	1.03	ug/l	90
49) 1,4-Dioxane	7.76	88	946	17.84	ug/l #	26
51) 4-Methyl-2-Pentanone	8.66	43	15363	5.10	ug/l	97
52) Toluene	8.79	92	4523	1.16	ug/l	97
53) t-1,3-Dichloropropene	8.45	75	2323	0.92	ug/l #	78
54) cis-1,3-Dichloropropene	9.04	75	2107	0.85	ug/l #	90
55) 1,1,2-Trichloroethane	9.22	97	1823	1.13	ug/l	91
56) Ethyl methacrylate	9.20	69	2263	0.88	ug/l	89
57) 1,3-Dichloropropane	9.38	76	2871	1.12	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	5997	4.99	ug/l	93
59) 2-Hexanone	9.51	43	12528	4.84	ug/l	94
60) Dibromochloromethane	9.59	129	1572	0.83	ug/l	95
61) 1,2-Dibromoethane	9.68	107	1899	1.07	ug/l	97
64) Tetrachloroethene	9.34	164	2059	1.08	ug/l	95
65) Chlorobenzene	10.15	112	5163	1.08	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	1527	0.87	ug/l #	57
67) Ethyl Benzene	10.26	91	8620	1.09	ug/l	97
68) m/p-Xylenes	10.37	106	6185	1.98	ug/l	100
69) o-Xylene	10.71	106	3141	1.04	ug/l	97
70) Styrene	10.72	104	4847	0.96	ug/l	98
71) Bromoform	10.87	173	1121	0.61	ug/l #	96
73) Isopropylbenzene	11.02	105	8174	1.11	ug/l	96
74) N-amyl acetate	6.48	43	3979	1.02	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.27	83	2919	1.12	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	3263m	1.04	ug/l	
77) Bromobenzene	11.26	156	2216	1.06	ug/l	94
78) n-propylbenzene	11.37	91	10310	1.19	ug/l	99
79) 2-Chlorotoluene	11.43	91	5879	1.18	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	6736	1.07	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.09	75	576	0.63	ug/l #	70
82) 4-Chlorotoluene	11.52	91	7154	1.18	ug/l	98
83) tert-Butylbenzene	11.77	119	6524	1.01	ug/l	95
84) 1,2,4-Trimethylbenzene	11.82	105	6935	1.06	ug/l	100
85) sec-Butylbenzene	11.95	105	8106	1.04	ug/l	96
86) p-Isopropyltoluene	12.07	119	7059	0.97	ug/l	91
87) 1,3-Dichlorobenzene	12.03	146	4353	1.08	ug/l	95
88) 1,4-Dichlorobenzene	12.10	146	4411m	1.05	ug/l	
89) n-Butylbenzene	12.40	91	7577	1.13	ug/l	98
90) Hexachloroethane	12.60	117	1180	1.01	ug/l	85
91) 1,2-Dichlorobenzene	12.40	146	3998	1.02	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.01	75	771	0.96	ug/l	86
93) 1,2,4-Trichlorobenzene	13.65	180	2892	0.86	ug/l	90
94) Hexachlorobutadiene	13.79	225	1212	0.68	ug/l	87
95) Naphthalene	13.84	128	9407	0.95	ug/l	99

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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Quant Time: Mar 15 02:31:13 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 15 01:30:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.03	180	3123	0.95	ug/l	98

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

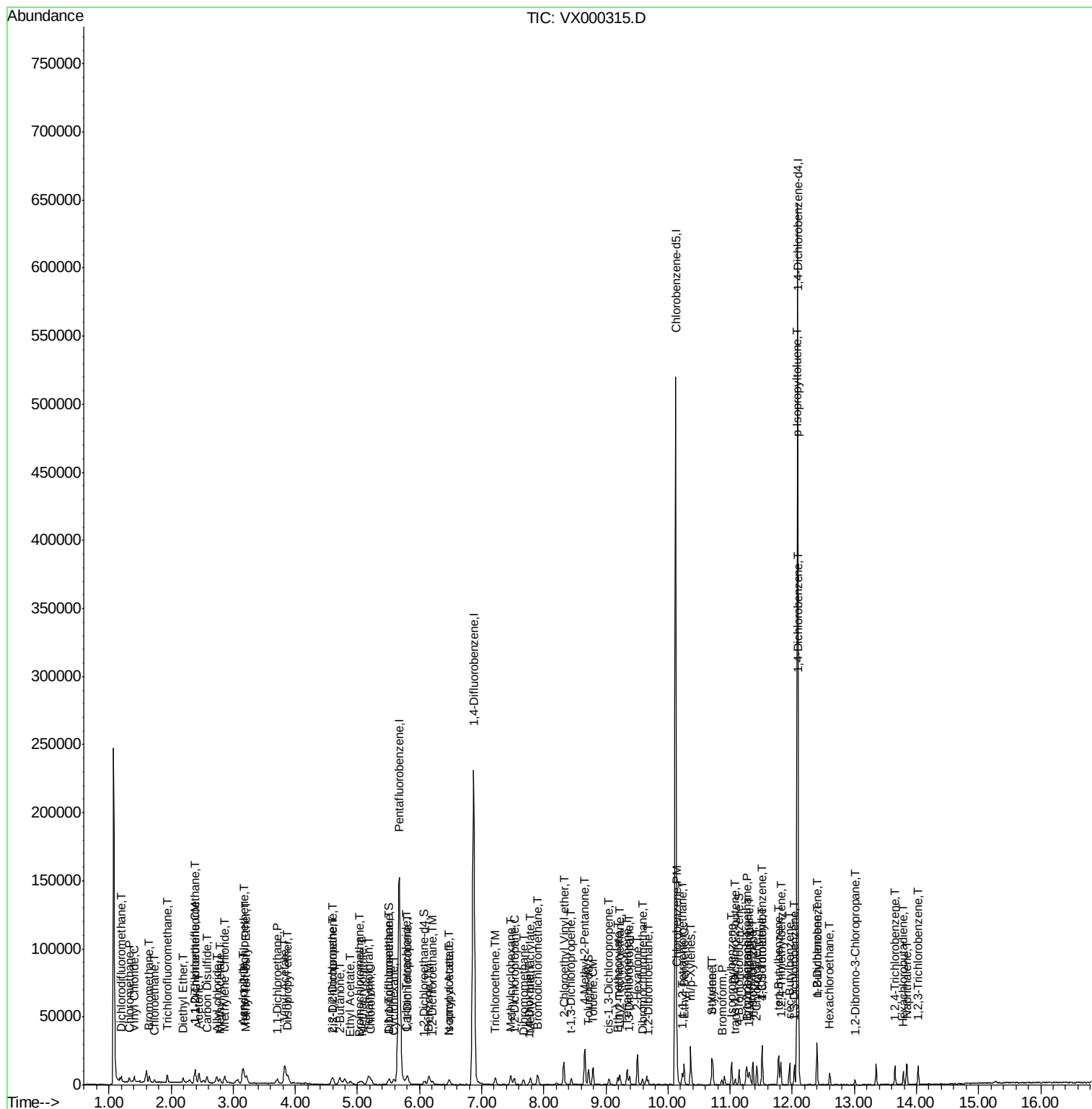
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Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031418\  
Data File : VX000315.D  
Acq On    : 14 Mar 2018  16:00  
Operator  : JC/MD  
Sample    : VSTDICC001  
Misc      : 5.0mL/MSVOA X/WATER  
ALS Vial  : 2      Sample Multiplier: 1
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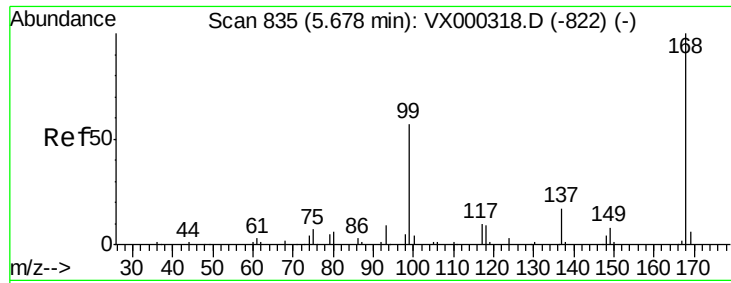
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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Quant Time: Mar 15 02:31:13 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M
Quant Title : SW846 8260
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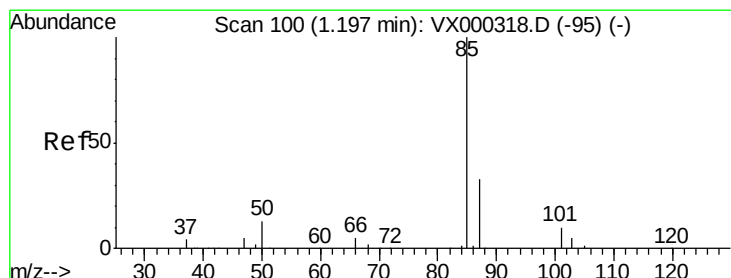
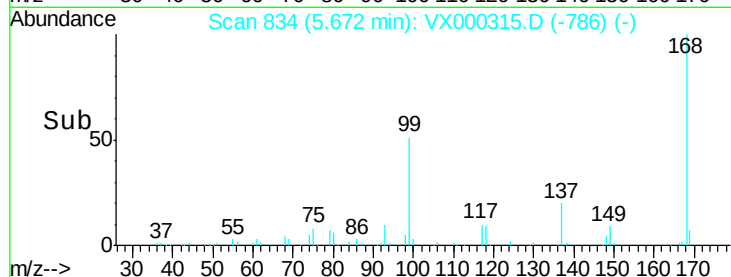
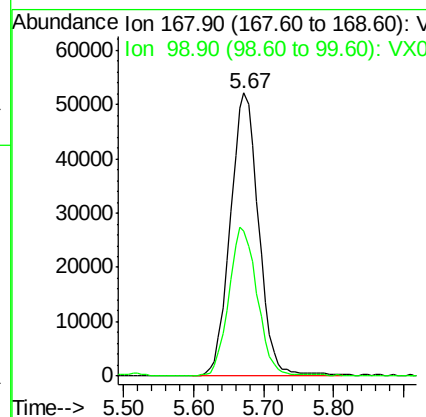
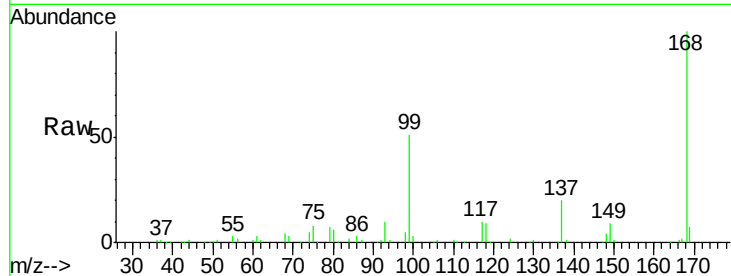
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.01 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:168 Resp: 147109
Ion Ratio Lower Upper
168 100
99 51.3 45.8 68.6

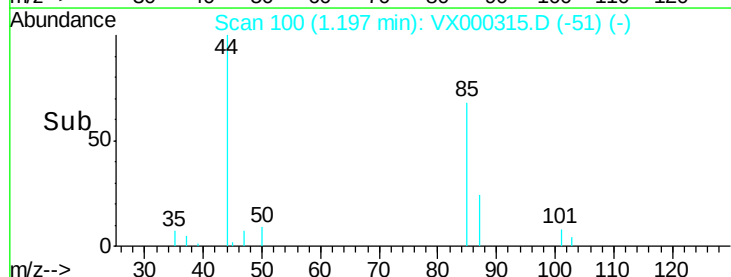
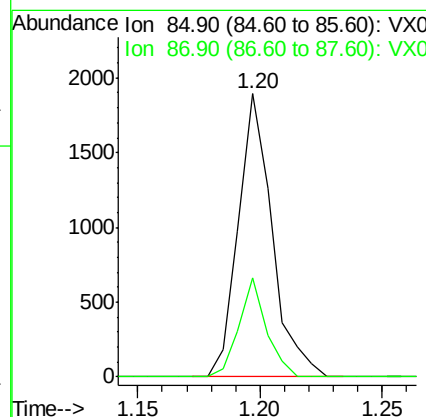
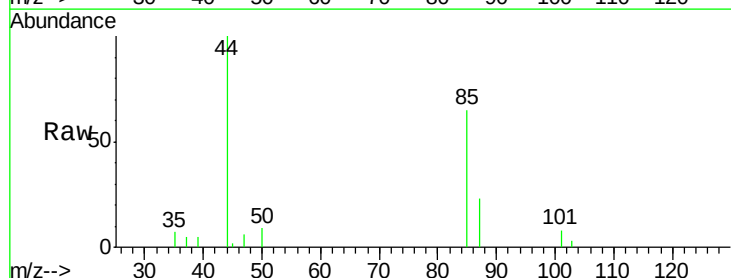
Manual Integrations
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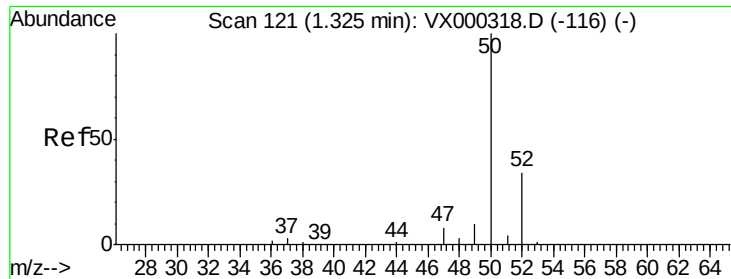
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#2
Dichlorodifluoromethane
Concen: 1.44 ug/l
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

Tgt Ion: 85 Resp: 1812
Ion Ratio Lower Upper
85 100
87 35.1 16.8 50.3





#3

Chloromethane

Concen: 1.42 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 1944

Ion Ratio Lower Upper

50 100

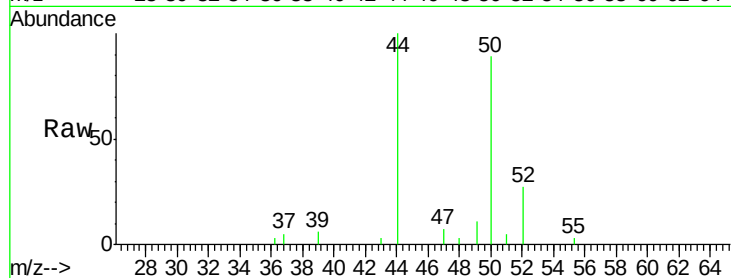
52 30.7 27.5 41.3

Manual Integrations

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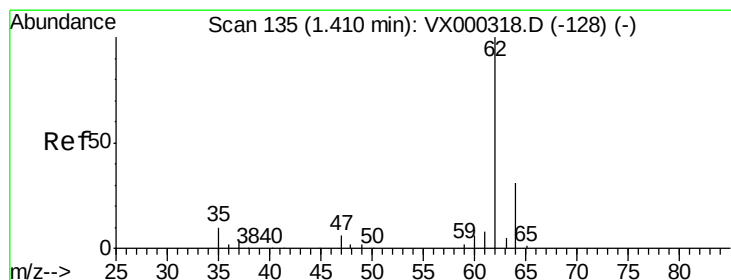
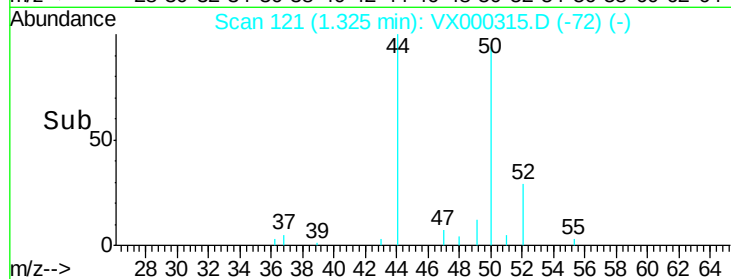
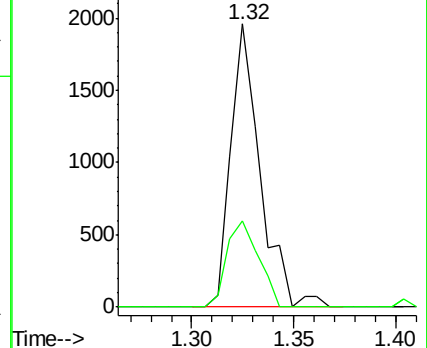
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 1.48 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000315.D

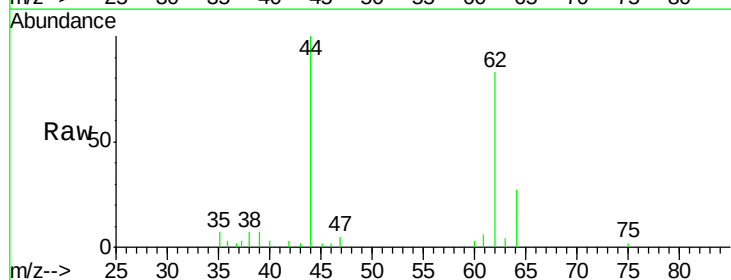
Acq: 14 Mar 2018 16:00

Tgt Ion: 62 Resp: 2110

Ion Ratio Lower Upper

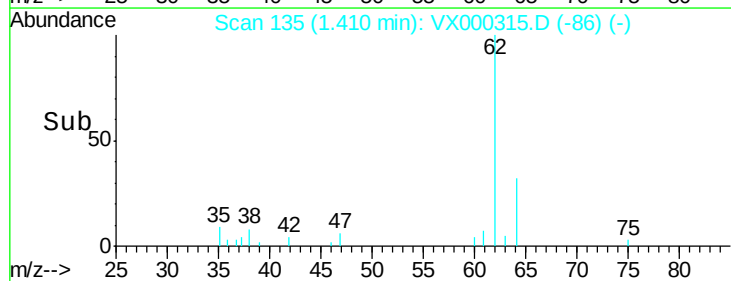
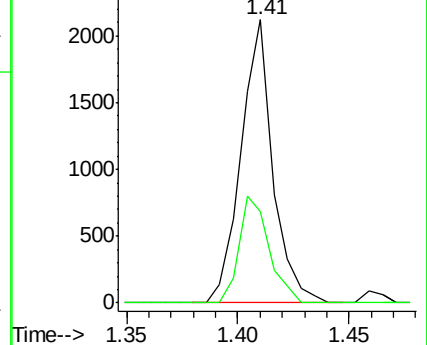
62 100

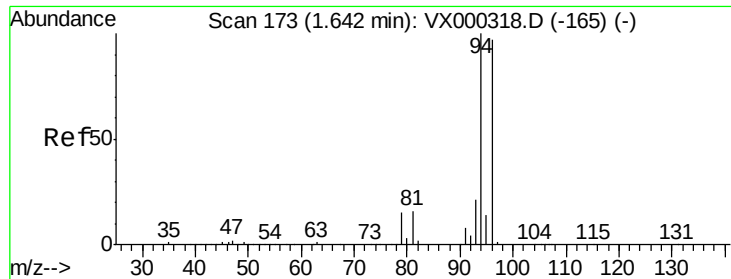
64 32.2 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 1.75 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 94 Resp: 2121

Ion Ratio Lower Upper

94 100

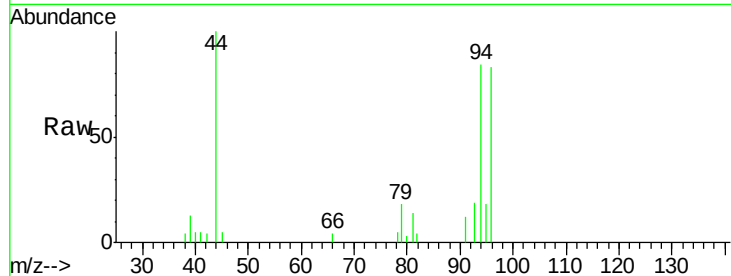
96 98.6 77.7 116.5

Manual Integrations

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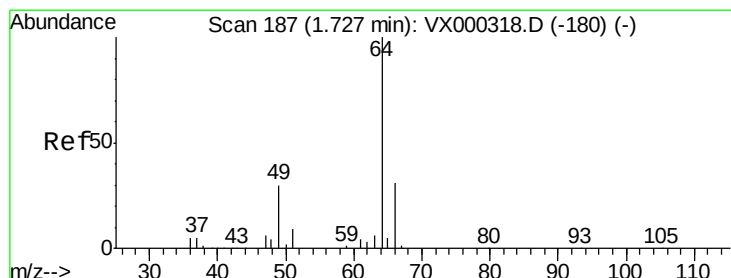
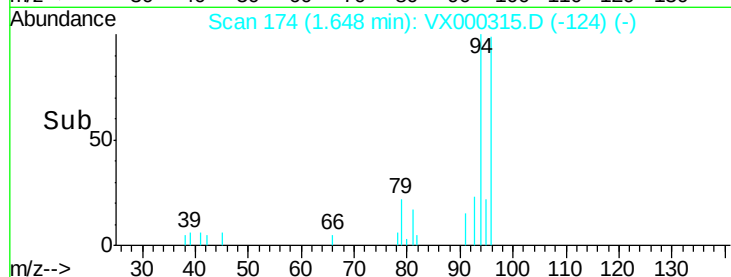
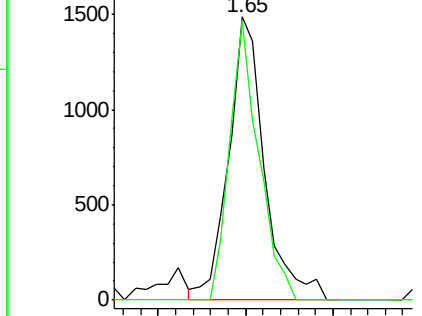
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 1.83 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000315.D

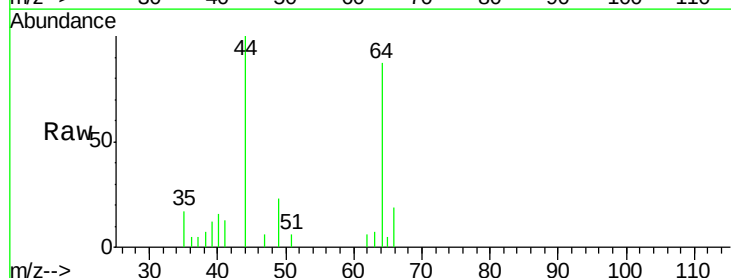
Acq: 14 Mar 2018 16:00

Tgt Ion: 64 Resp: 1461

Ion Ratio Lower Upper

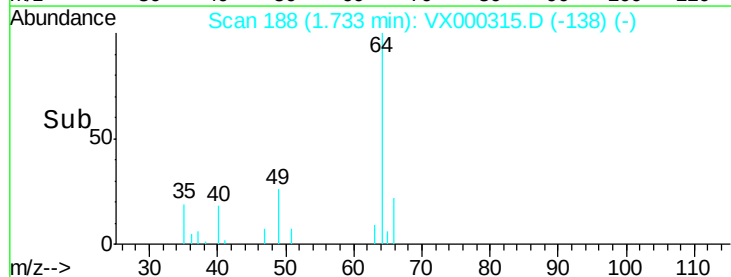
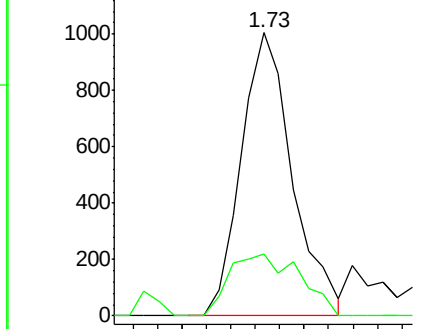
64 100

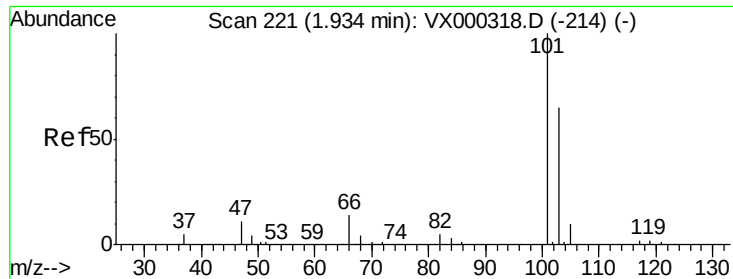
66 21.7 24.8 37.2#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 1.34 ug/l

RT: 1.93 min Scan# 221

Delta R.T. 0.00 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:101 Resp: 3211

Ion Ratio Lower Upper

101 100

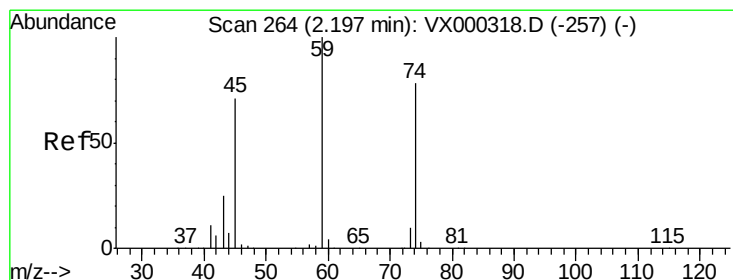
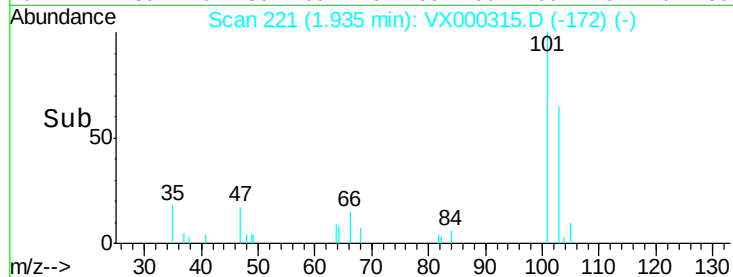
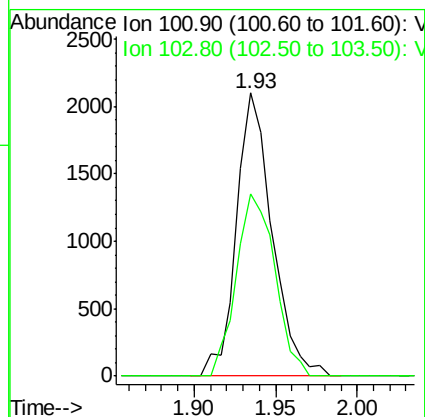
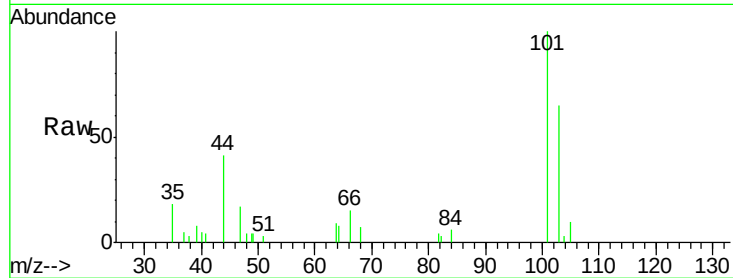
103 64.6 51.6 77.4

Manual Integrations

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#8

Diethyl Ether

Concen: 1.59 ug/l

RT: 2.20 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX000315.D

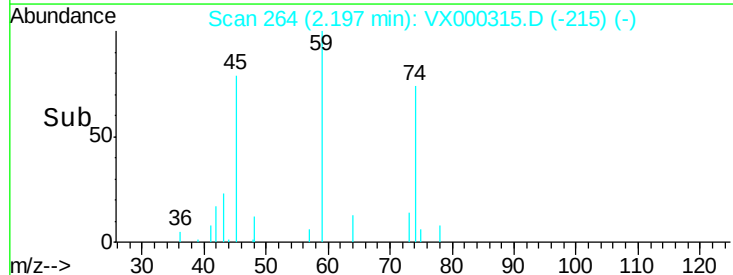
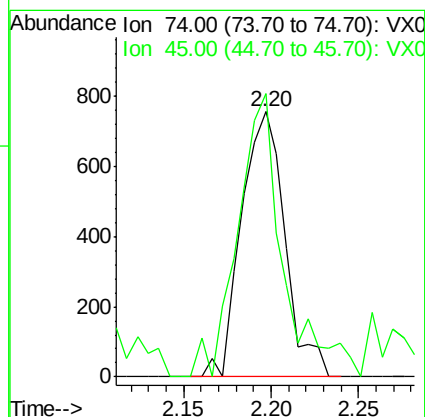
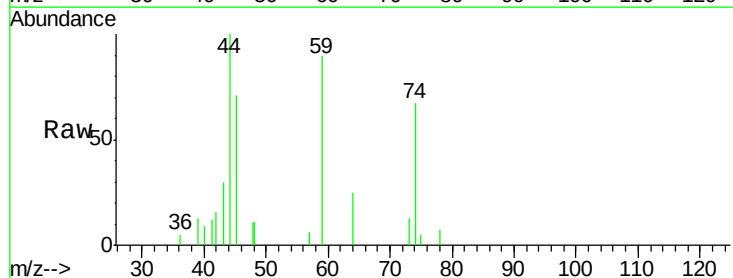
Acq: 14 Mar 2018 16:00

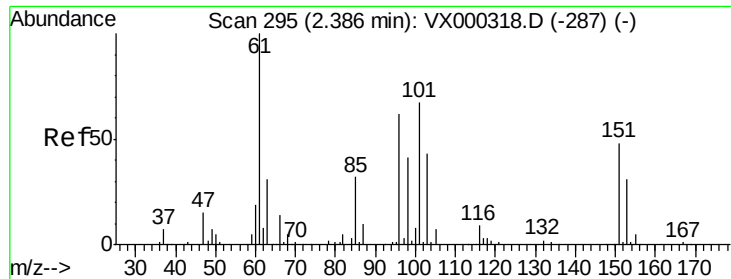
Tgt Ion: 74 Resp: 1304

Ion Ratio Lower Upper

74 100

45 111.5 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.34 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Instrument :

MSVOA_X

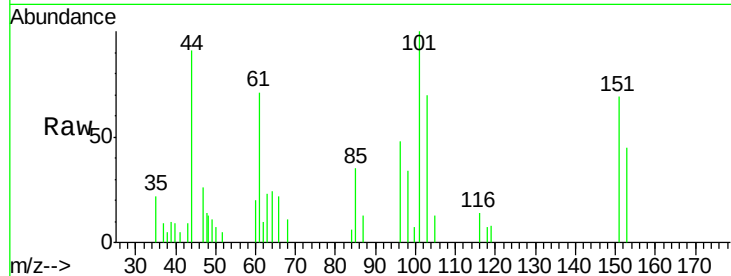
ClientSampled :

VSTDIC001

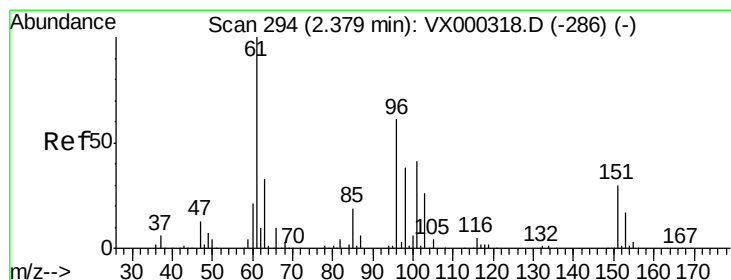
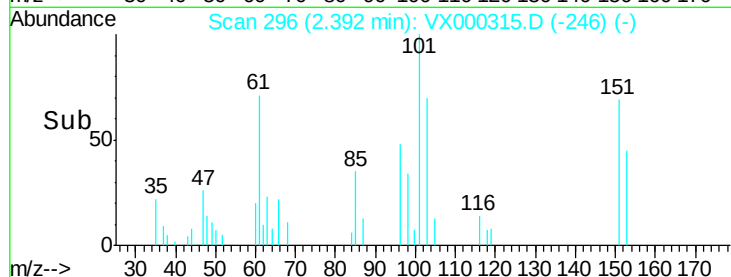
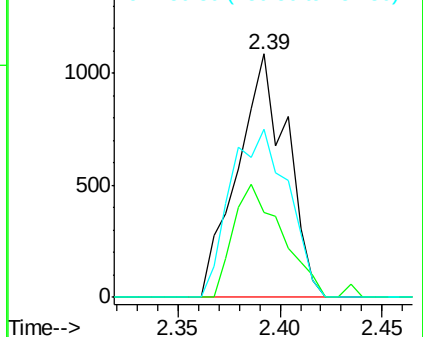
Tot Ion:	101	Resp:	1837
Ion Ratio	Lower	Upper	
101	100		
85	45.7	37.6	56.4
151	80.6	62.6	93.8

Manual Integrations
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sam
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#12

1,1-Dichloroethene

Concen: 1.48 ug/l

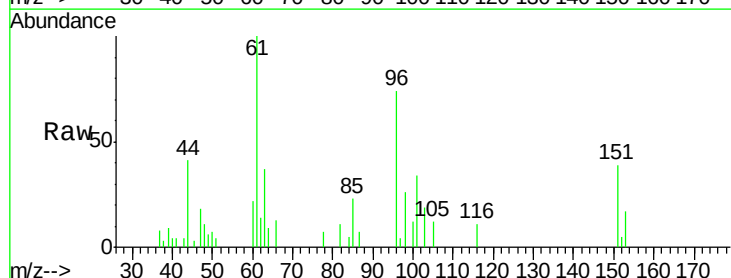
RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

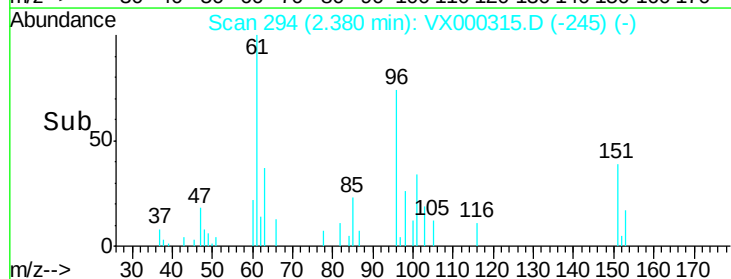
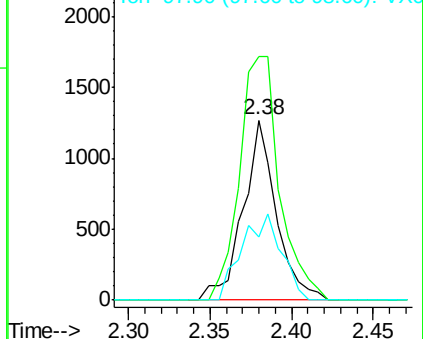
Lab File: VX000315.D

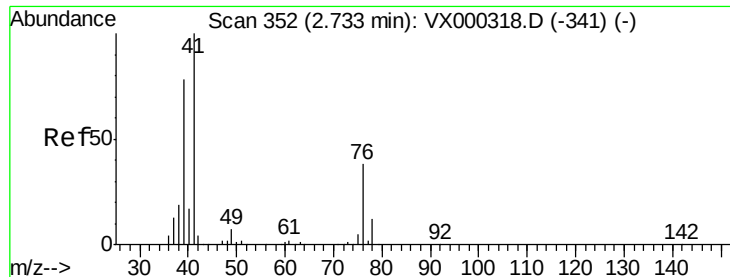
Acq: 14 Mar 2018 16:00

Tgt Ion:	96	Resp:	1809
Ion Ratio	Lower	Upper	
96	100		
61	135.2	131.2	196.8
98	34.8	49.8	74.8#



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





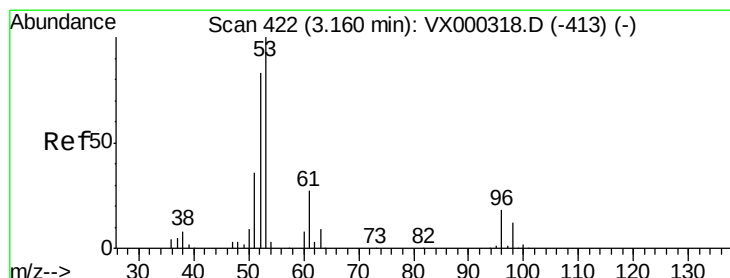
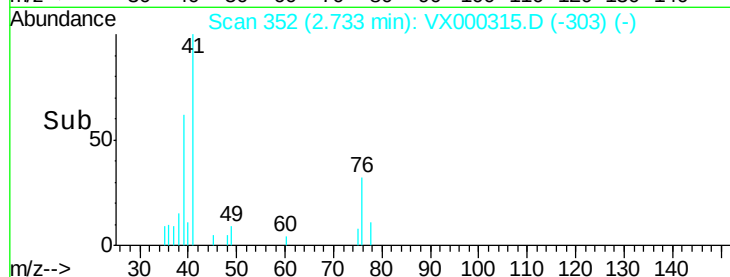
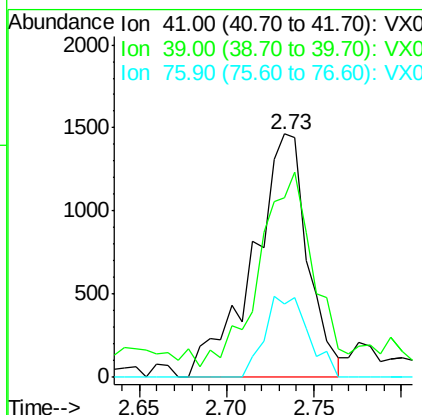
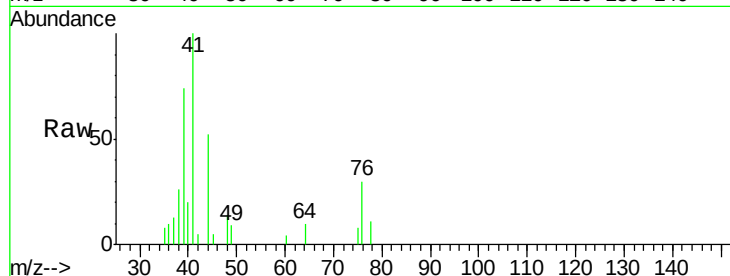
#14
Allvl chloride
Concen: 1.38 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
39	77.0	57.6	86.4
76	26.7	27.3	40.9

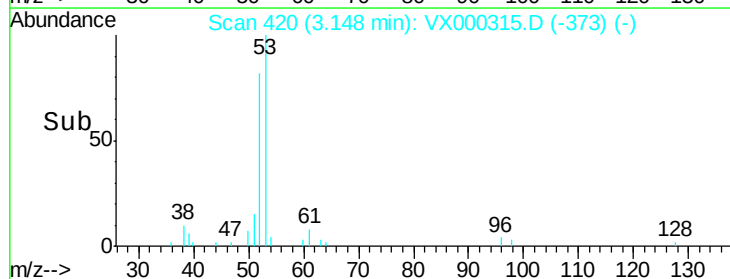
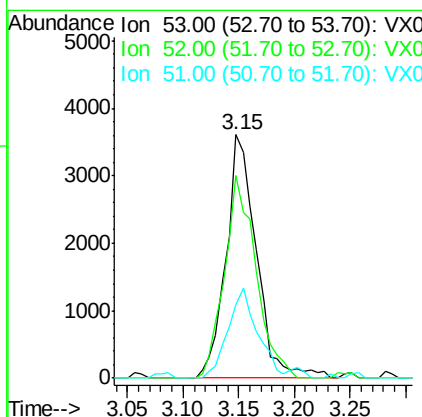
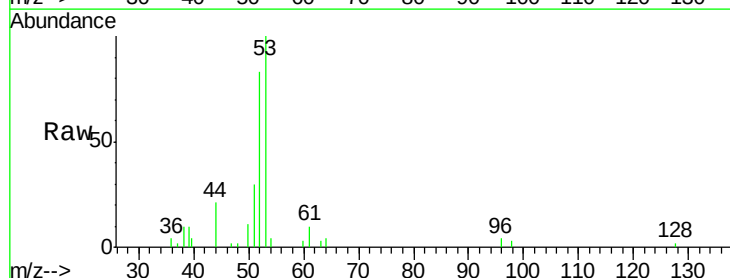
Manual Integrations
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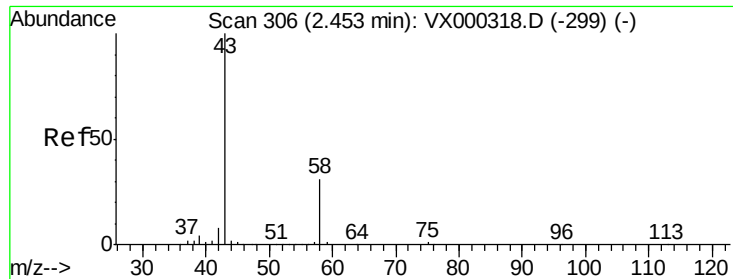
sam
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#15
Acrylonitrile
Concen: 7.06 ug/l
RT: 3.15 min Scan# 420
Delta R.T. -0.01 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

Tgt Ion	Ratio	Lower	Upper
53	100		
52	86.0	66.6	99.8
51	36.0	29.3	43.9





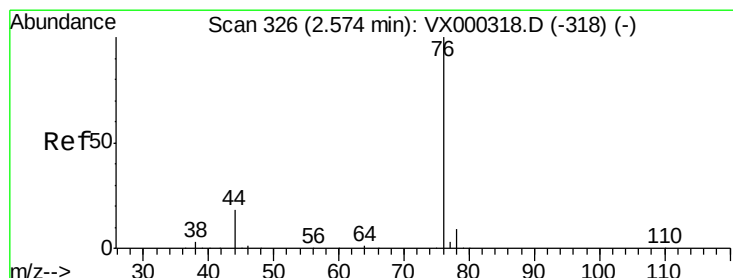
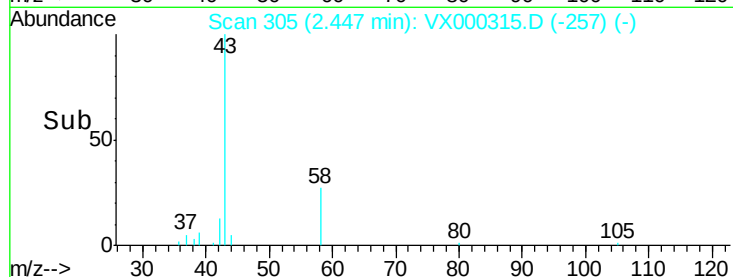
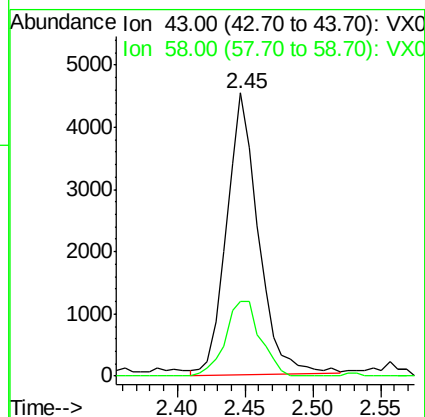
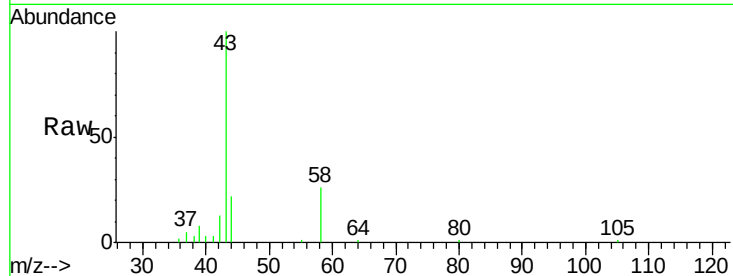
#16
Acetone
Concen: 6.23 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion: 43 Resp: 7357
Ion Ratio Lower Upper
43 100
58 26.6 24.7 37.1

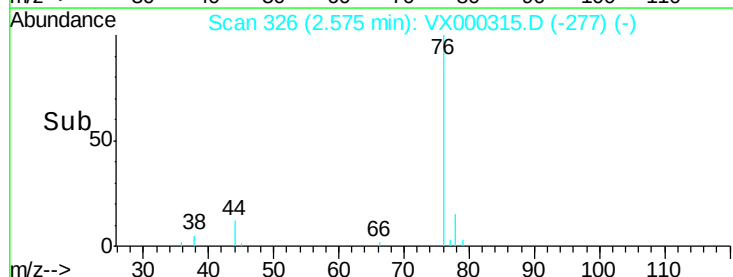
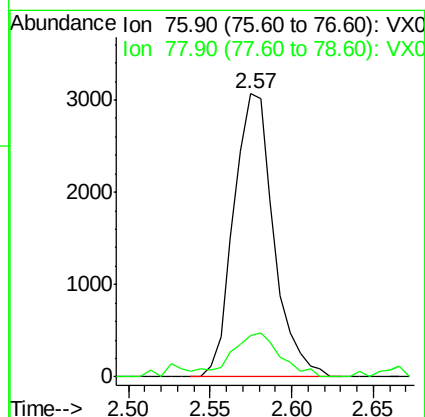
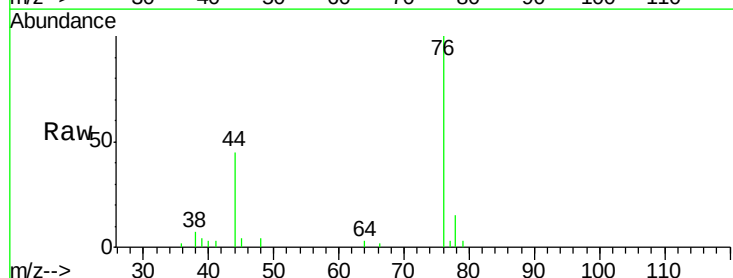
Manual Integrations
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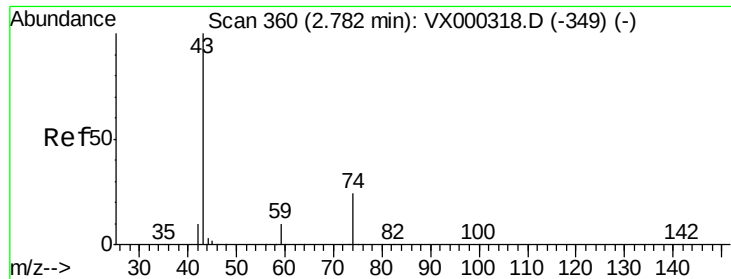
sam
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#17
Carbon Disulfide
Concen: 1.35 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

Tgt Ion: 76 Resp: 5242
Ion Ratio Lower Upper
76 100
78 14.8 7.0 10.6#





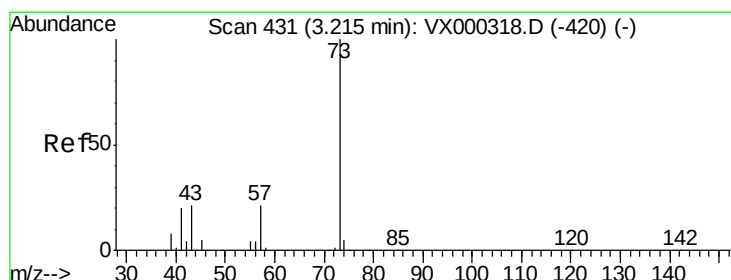
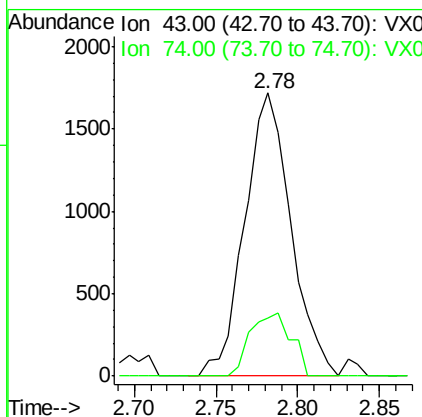
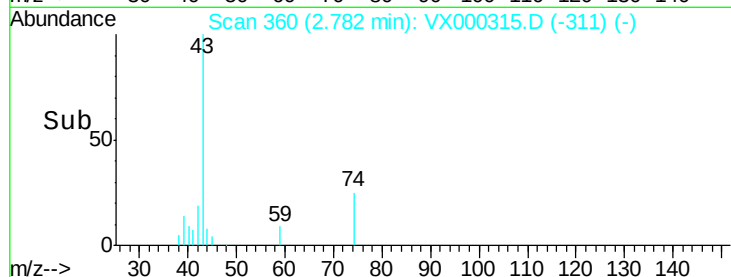
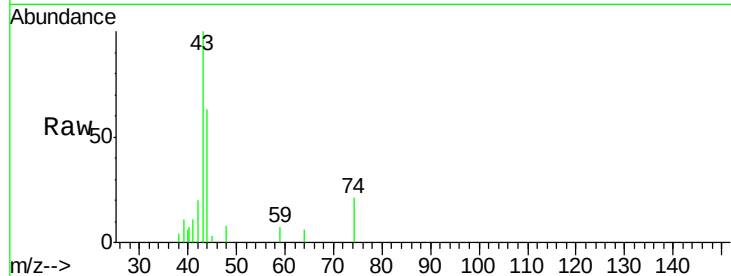
#18
Methyl Acetate
Concen: 1.44 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 43 Resp: 3393
Ion Ratio Lower Upper
43 100
74 19.7 19.4 29.2

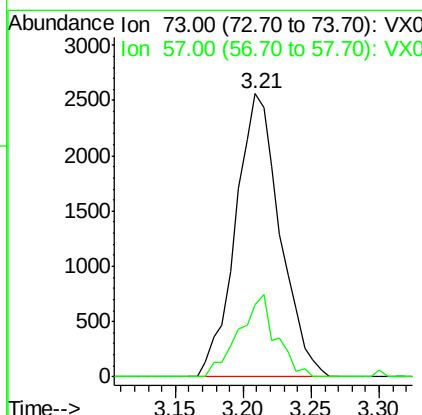
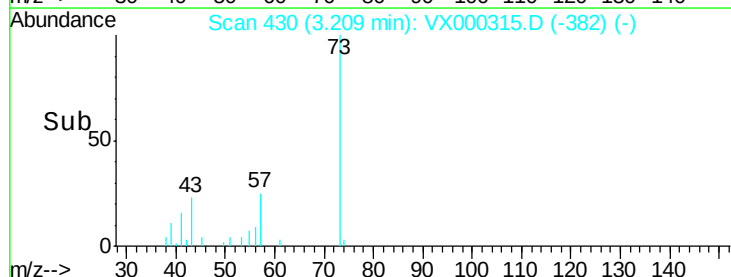
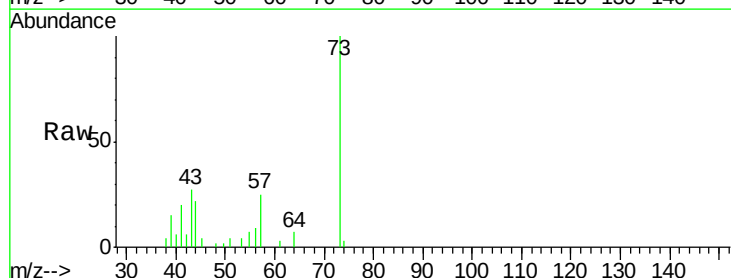
Manual Integrations
APPROVED

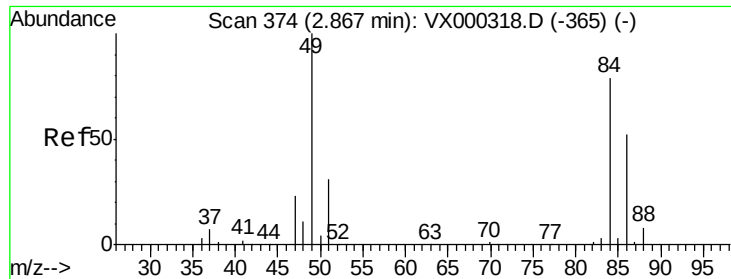
sam
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#19
Methyl tert-butyl Ether
Concen: 1.35 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

Tgt Ion: 73 Resp: 5846
Ion Ratio Lower Upper
73 100
57 25.4 17.2 25.8





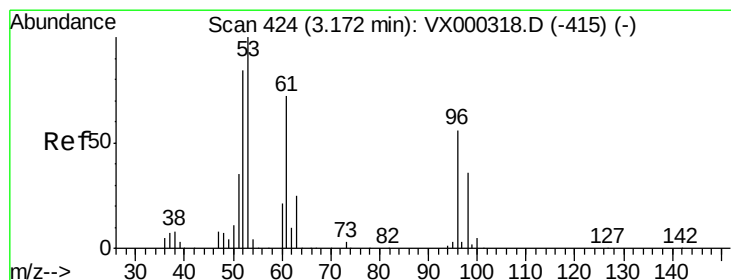
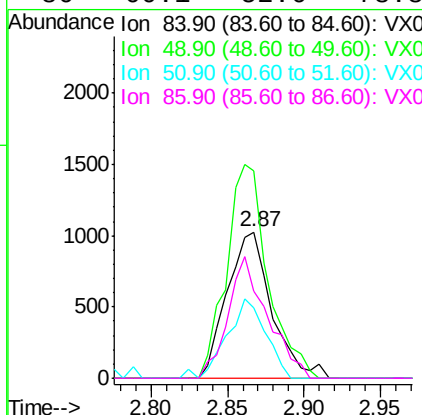
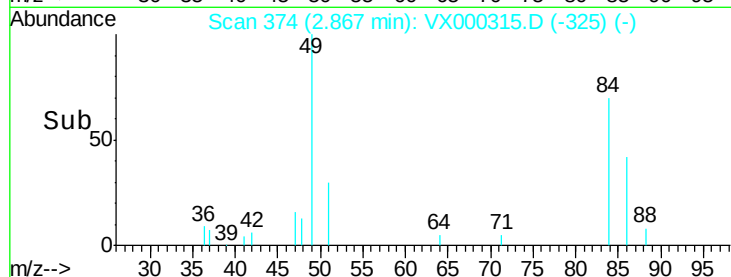
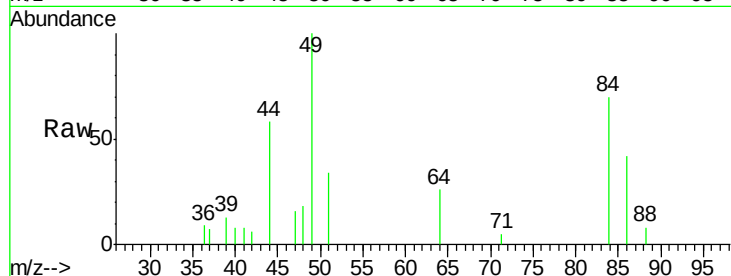
#20
Methvlene Chloride
Concen: 1.49 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion	84	Resp	2071
Ion	Ratio	Lower	Upper
84	100		
49	142.3	100.6	151.0
51	48.6	31.6	47.4
86	60.1	52.6	78.8

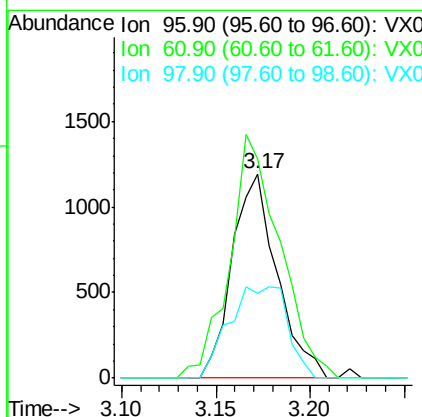
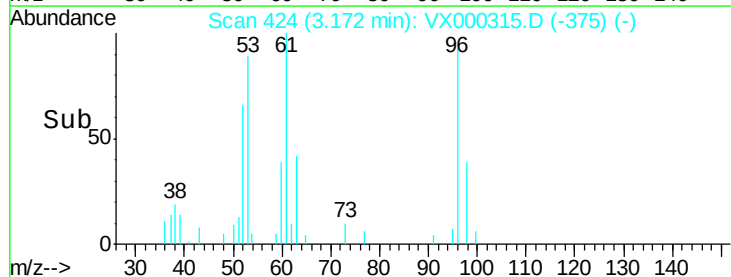
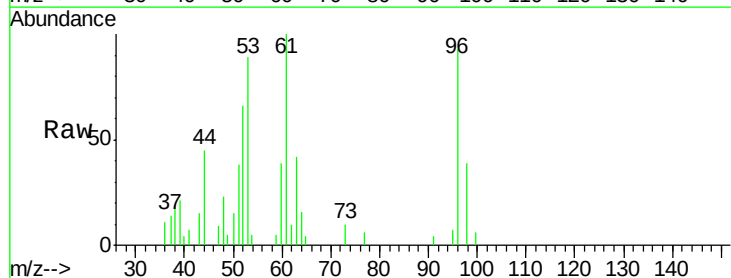
Manual Integrations
APPROVED

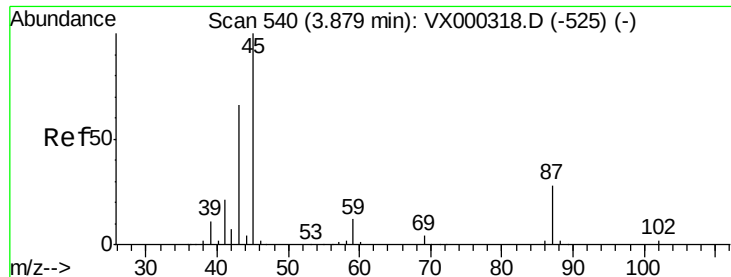
sam
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#21
trans-1,2-Dichloroethene
Concen: 1.45 ug/l
RT: 3.17 min Scan# 424
Delta R.T. 0.00 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

Tgt Ion	96	Resp	1970
Ion	Ratio	Lower	Upper
96	100		
61	107.7	104.0	156.0
98	41.8	52.1	78.1





#22

Diisopropyl ether

Concen: 1.44 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Instrument :

MSVOA_X

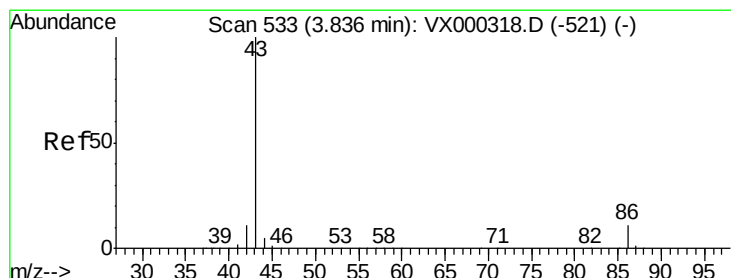
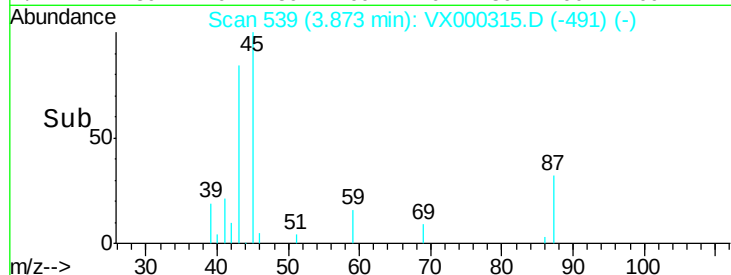
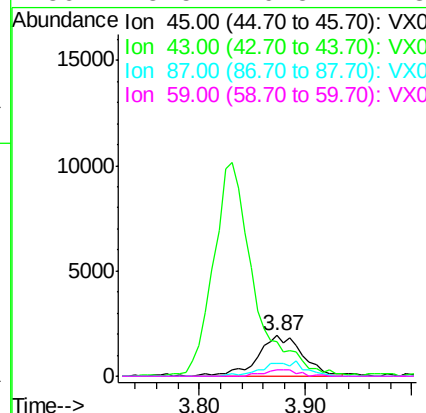
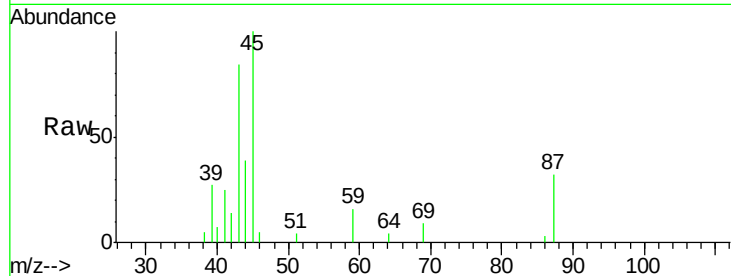
ClientSampleId :

VSTDIC001

Tot Ion:	45	Resp:	5661
Ion	Ratio	Lower	Upper
45	100		
43	76.6	53.9	80.9
87	31.7	22.6	34.0
59	15.5	9.5	14.3

Manual Integrations
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sam
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#23

Vinyl Acetate

Concen: 7.67 ug/l

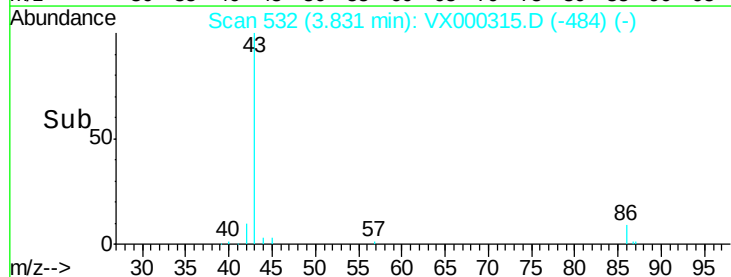
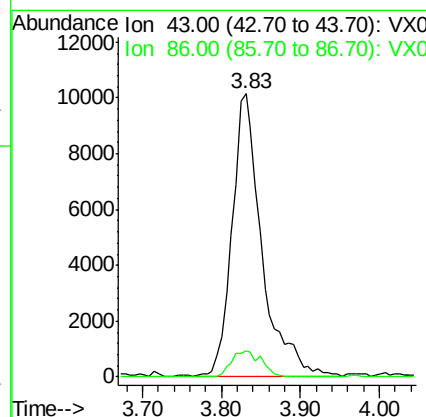
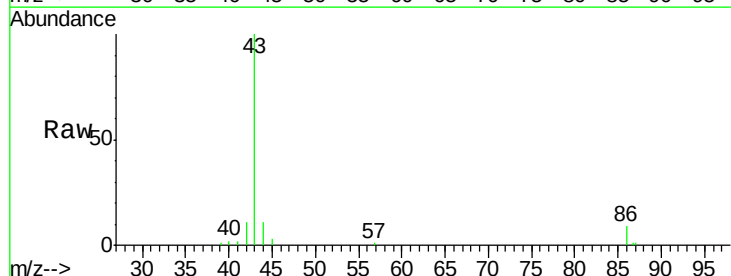
RT: 3.83 min Scan# 532

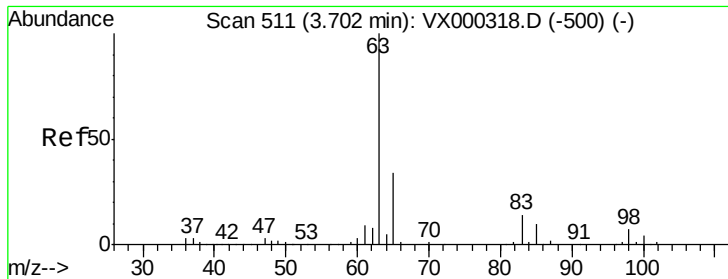
Delta R.T. -0.01 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Tgt Ion:	43	Resp:	26849
Ion	Ratio	Lower	Upper
43	100		
86	9.2	8.6	12.8





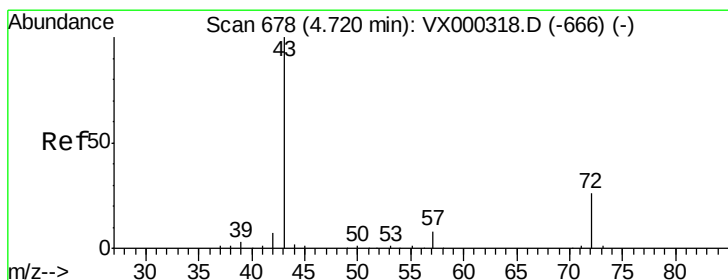
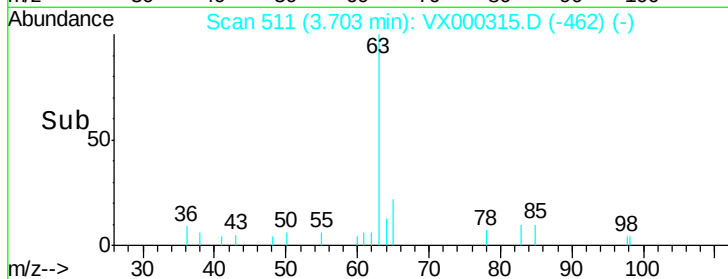
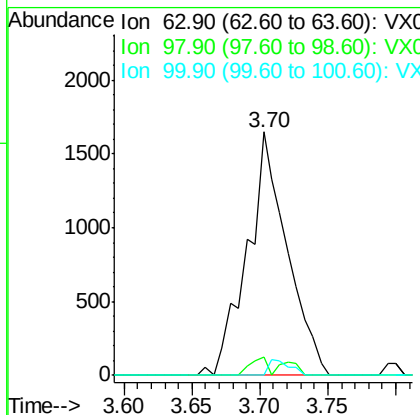
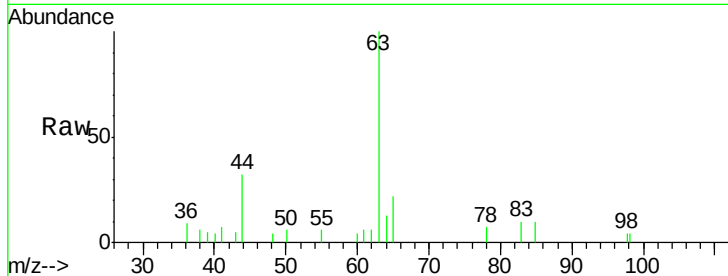
#24
 1,1-Dichloroethane
 Concen: 1.48 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: VX000315.D
 Acq: 14 Mar 2018 16:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
63	100		
98	7.8	3.3	9.9
100	0.0	2.0	5.8#

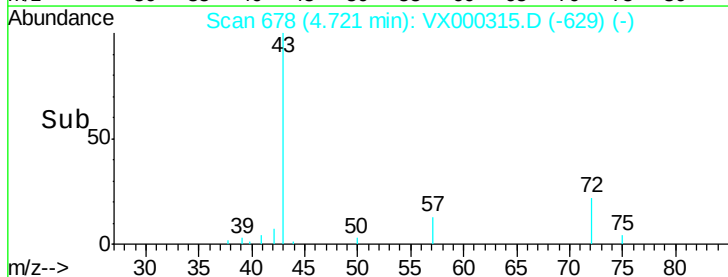
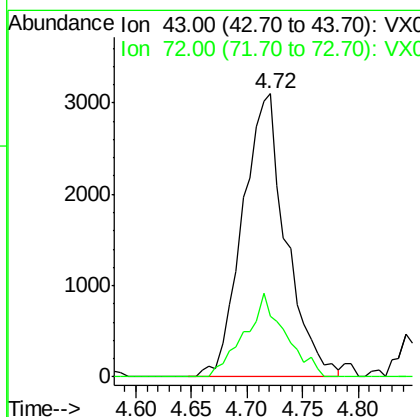
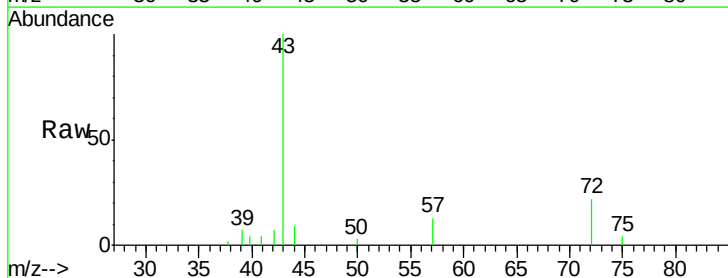
Manual Integrations
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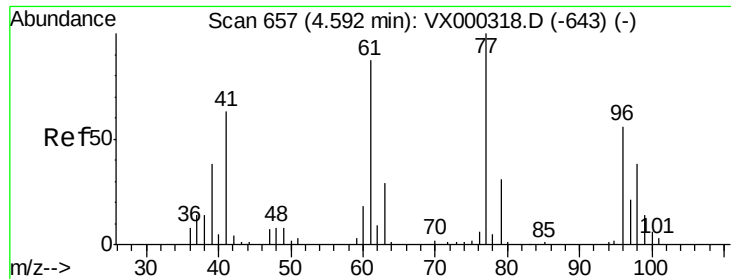
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#25
 2-Butanone
 Concen: 5.35 ug/l
 RT: 4.72 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: VX000315.D
 Acq: 14 Mar 2018 16:00

Tgt Ion	Ratio	Lower	Upper
43	100		
72	21.7	21.0	31.6





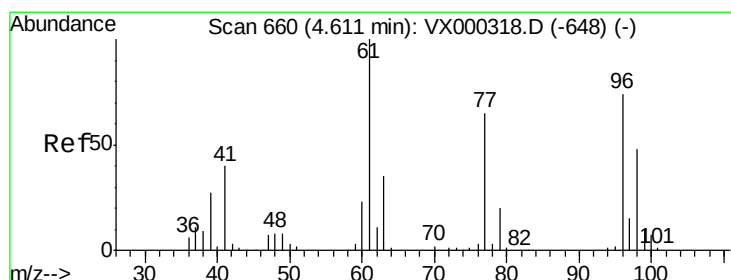
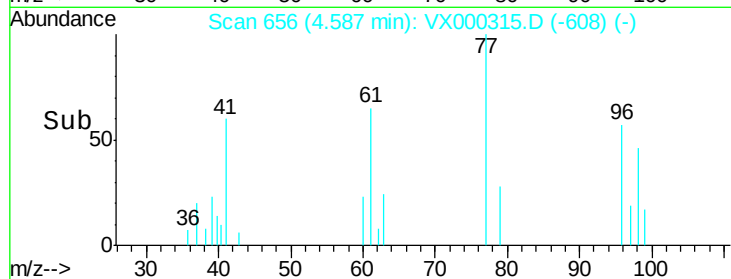
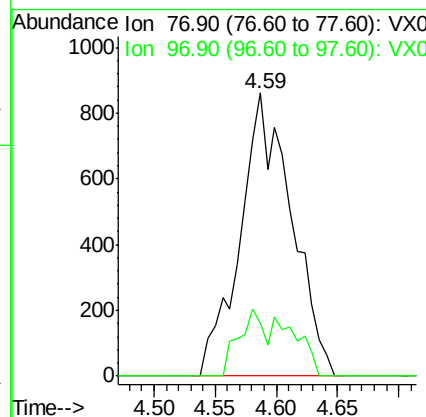
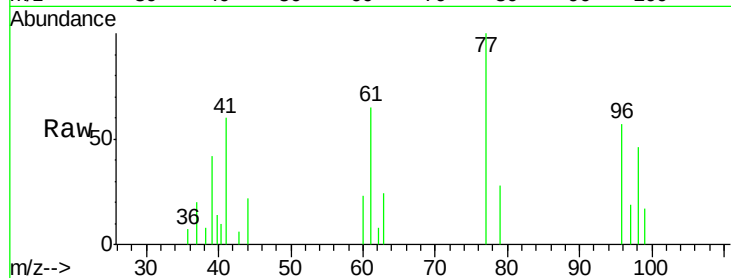
#26
 2,2-Dichloropropane
 Concen: 1.26 ug/l
 RT: 4.59 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: VX000315.D
 Acq: 14 Mar 2018 16:00

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion: 77 Resp: 2519
 Ion Ratio Lower Upper
 77 100
 97 11.7 11.3 33.8

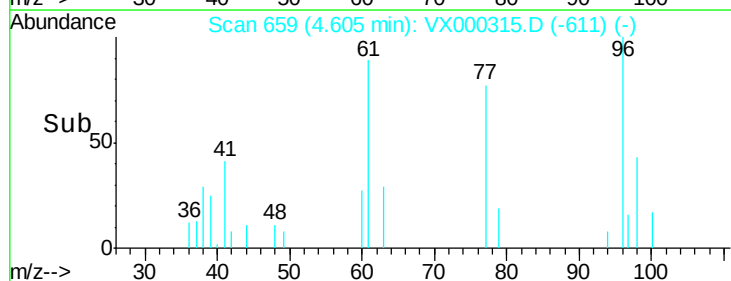
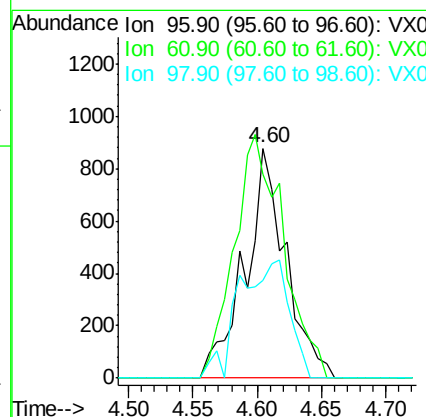
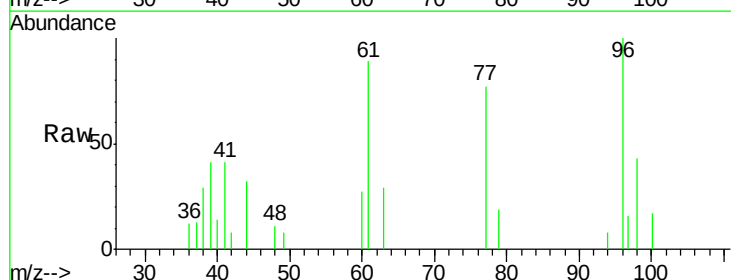
Manual Integrations
 APPROVED

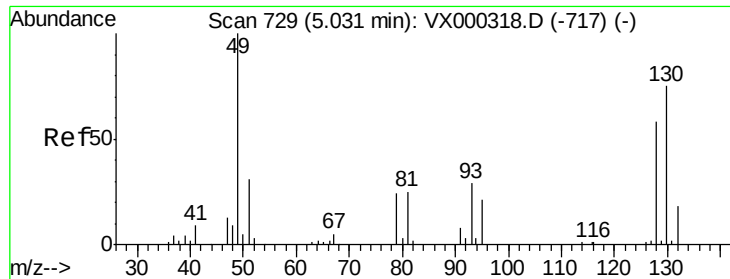
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#27
 cis-1,2-Dichloroethene
 Concen: 1.35 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.01 min
 Lab File: VX000315.D
 Acq: 14 Mar 2018 16:00

Tgt Ion: 96 Resp: 1911
 Ion Ratio Lower Upper
 96 100
 61 129.3 0.0 291.6
 98 64.3 0.0 132.0





#28

Bromochloromethane

Concen: 1.28 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Instrument :

MSVOA_X

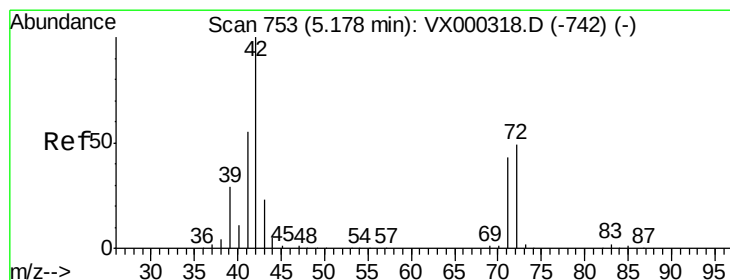
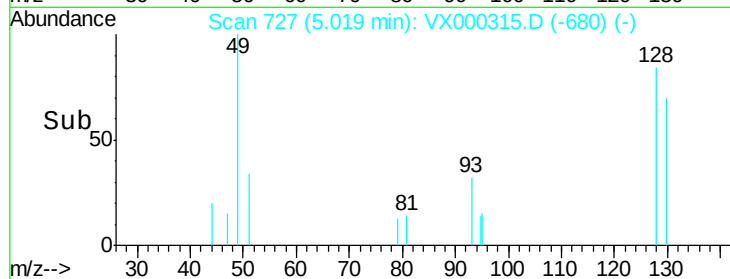
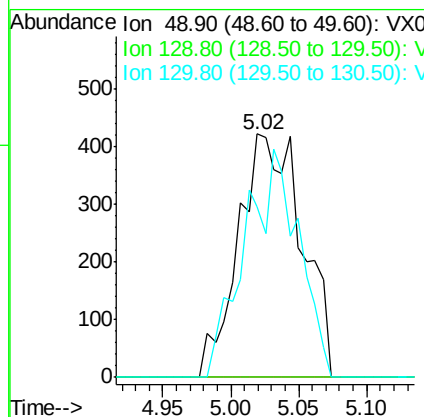
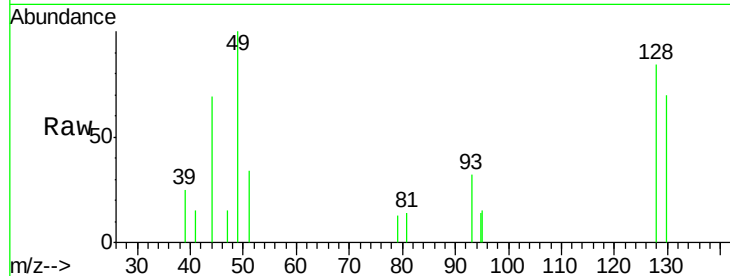
ClientSampled :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.0
130	80.1	64.0	96.0

Manual Integrations
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sam
3/15/2018 3:36:51 PM



#29

Tetrahydrofuran

Concen: 6.00 ug/l

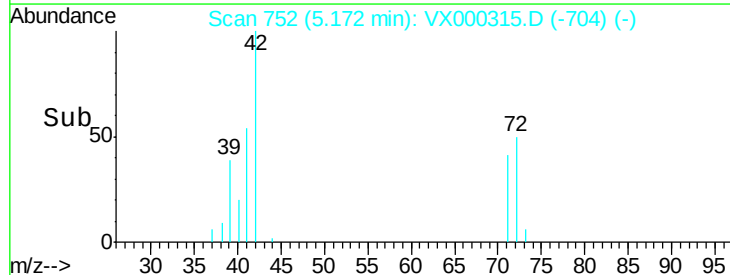
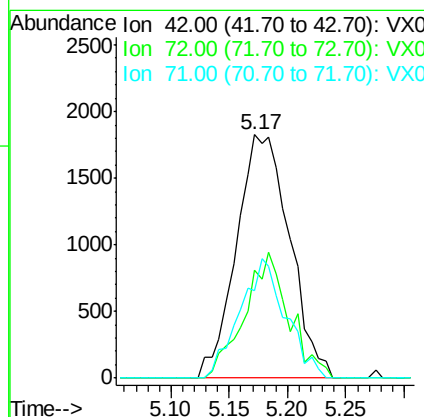
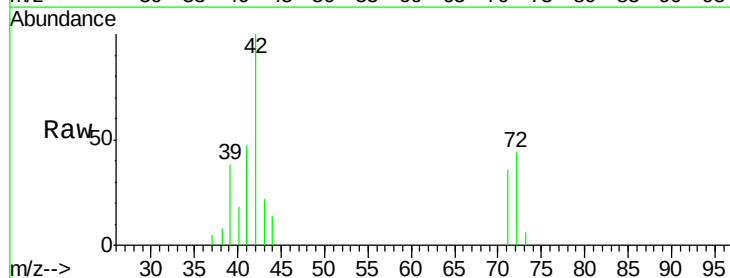
RT: 5.17 min Scan# 752

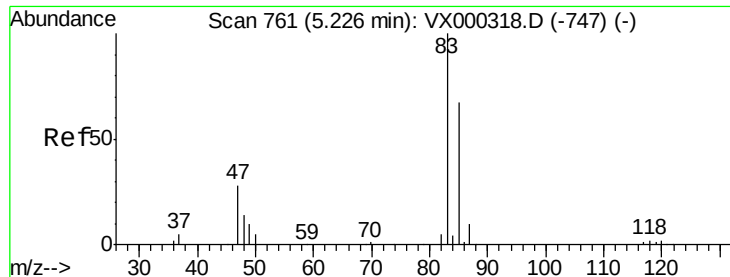
Delta R.T. -0.01 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Tgt Ion	Ratio	Lower	Upper
42	100		
72	43.4	37.9	56.9
71	42.3	34.4	51.6





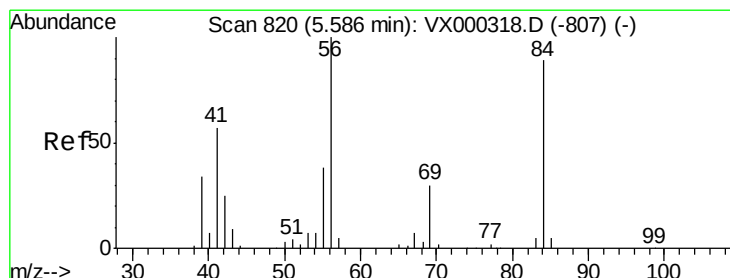
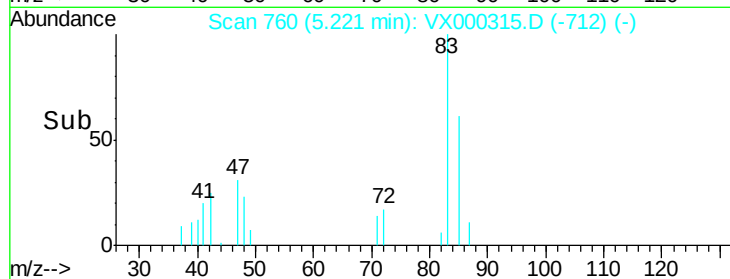
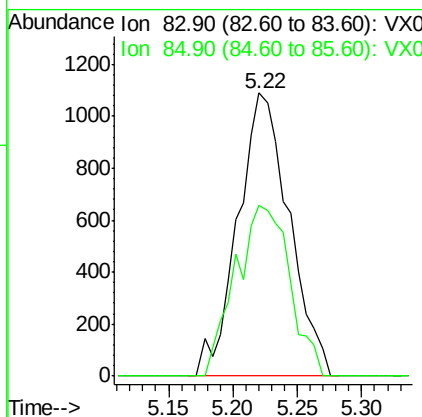
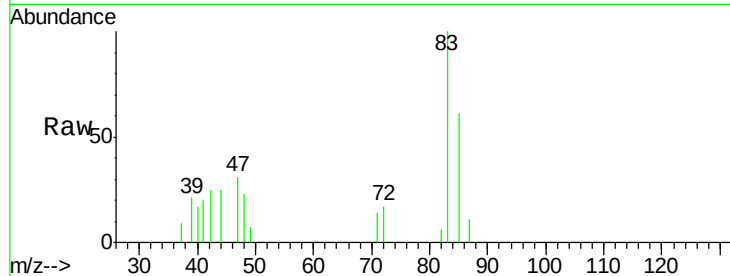
#30
Chloroform
Concen: 1.26 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion: 83 Resp: 3007
Ion Ratio Lower Upper
83 100
85 60.5 53.3 79.9

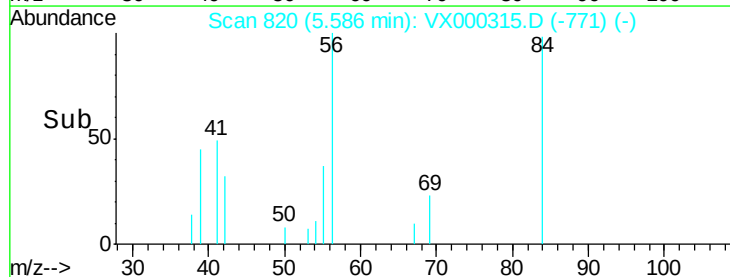
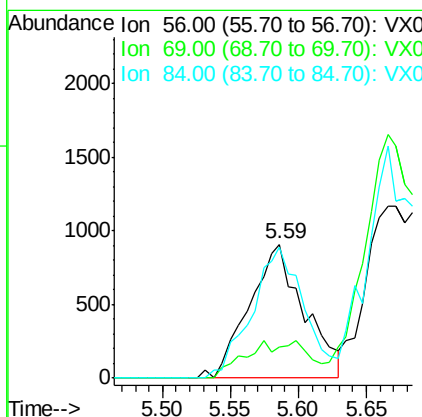
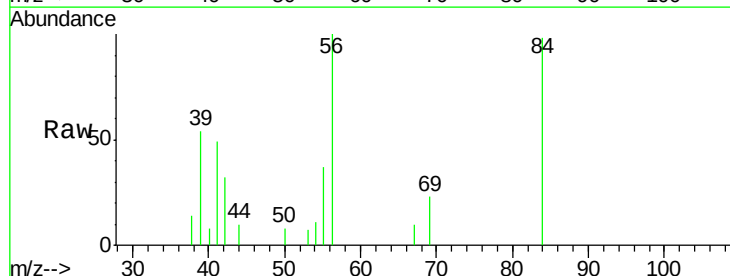
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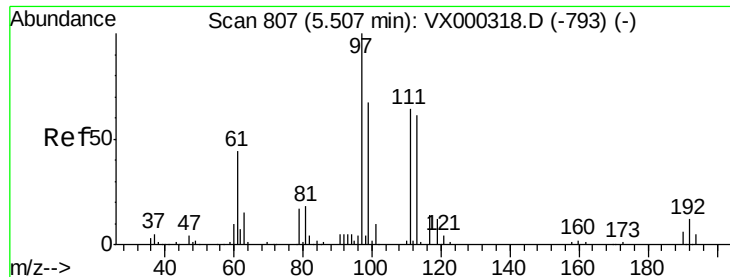
sam
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#31
Cyclohexane
Concen: 1.23 ug/l
RT: 5.59 min Scan# 820
Delta R.T. 0.00 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

Tgt Ion: 56 Resp: 2551
Ion Ratio Lower Upper
56 100
69 23.0 23.4 35.0#
84 97.9 71.0 106.4





#32

1,1,1-Trichloroethane

Concen: 1.18 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Instrument :

MSVOA_X

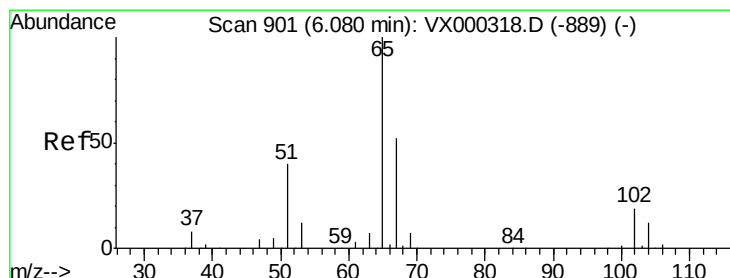
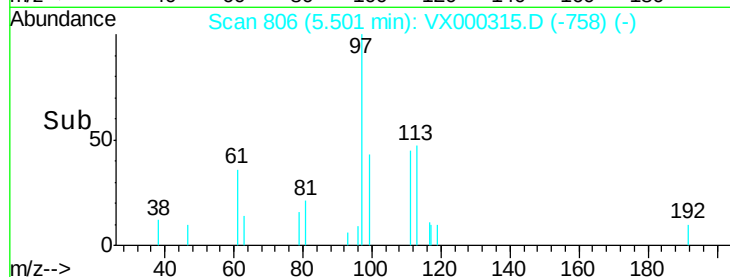
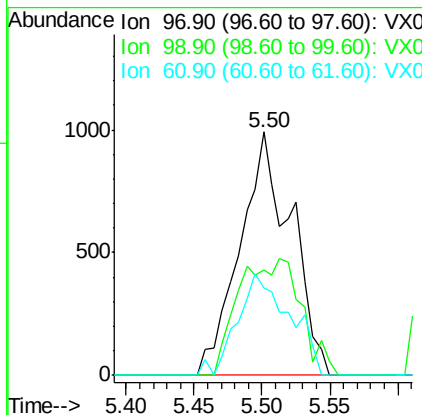
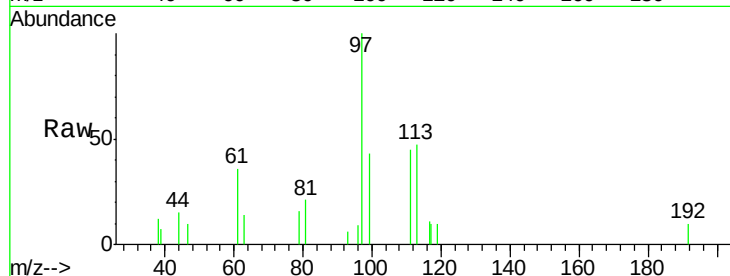
ClientSampleId :

VSTDIC001

Tot Ion:	97	Resp:	2617
Ion	Ratio	Lower	Upper
97	100		
99	0.0	52.1	78.1#
61	42.5	36.2	54.4

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#33

1,2-Dichloroethane-d4

Concen: 1.45 ug/l

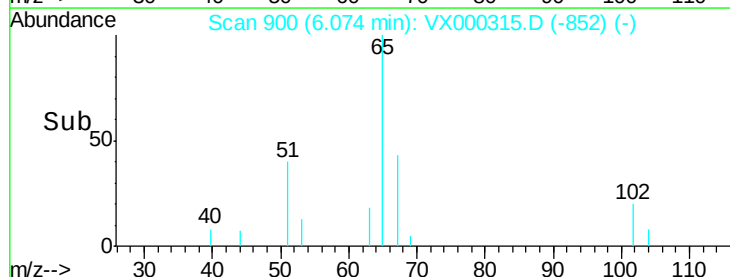
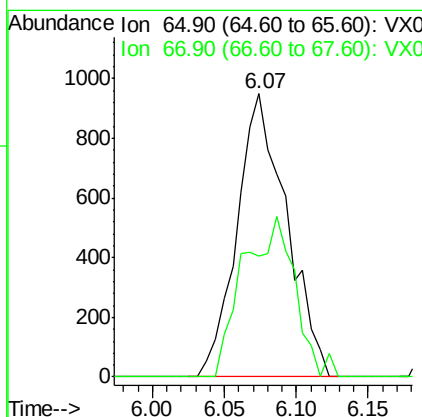
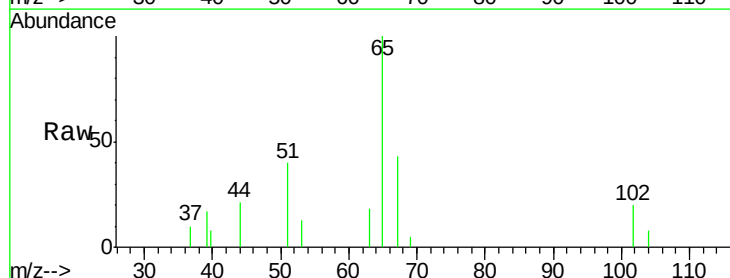
RT: 6.07 min Scan# 900

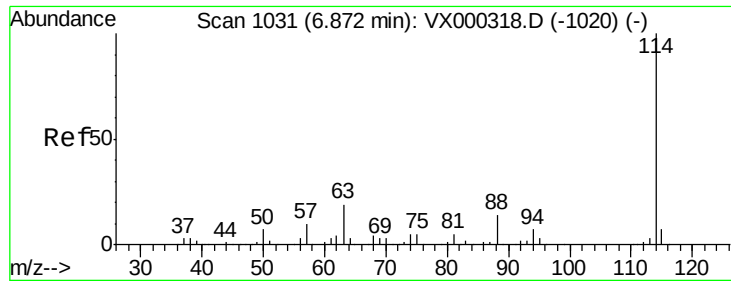
Delta R.T. -0.01 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Tgt Ion:	65	Resp:	2268
Ion	Ratio	Lower	Upper
65	100		
67	59.2	0.0	103.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Instrument :

MSVOA_X

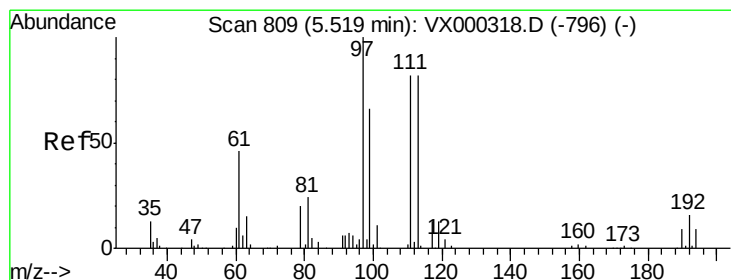
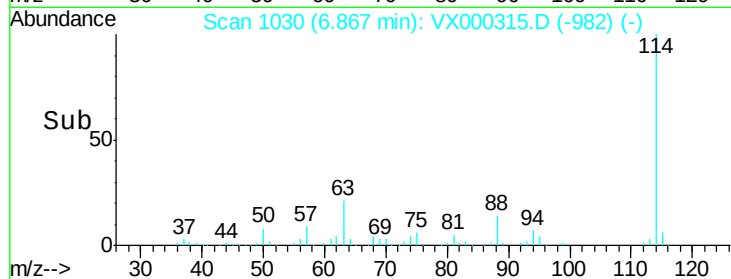
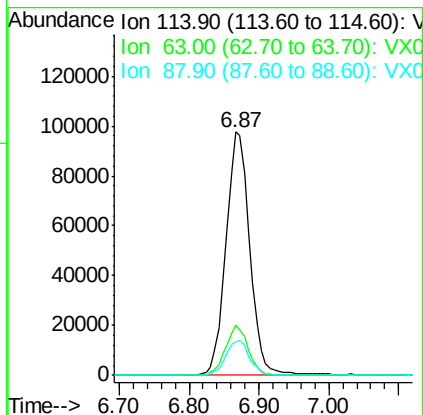
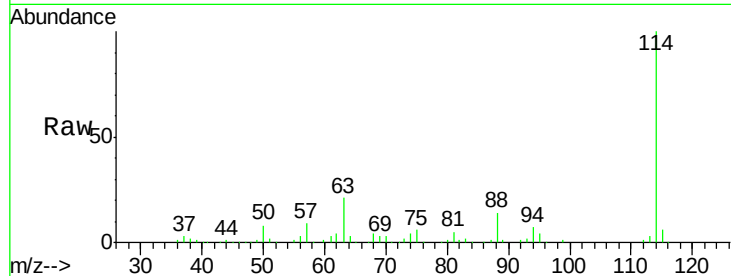
ClientSampled :

VSTDIC001

Tot Ion:	114	Resp:	231532
Ion Ratio	Lower	Upper	
114	100		
63	20.7	0.0	38.4
88	14.0	0.0	27.0

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#35

Dibromofluoromethane

Concen: 1.08 ug/l

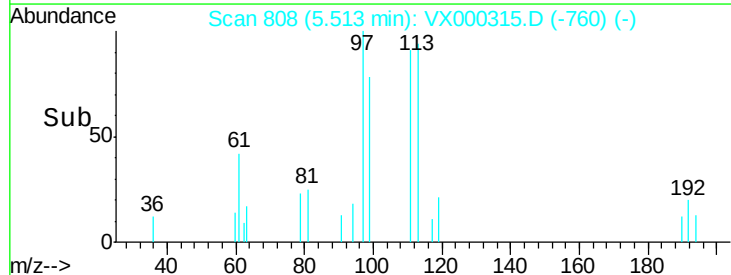
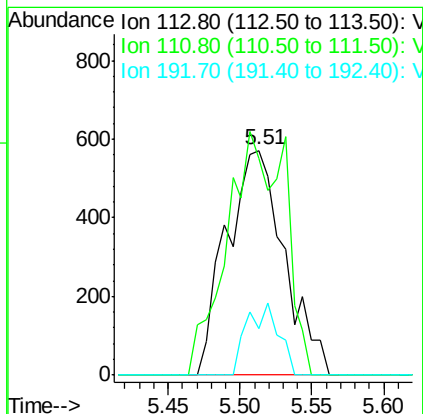
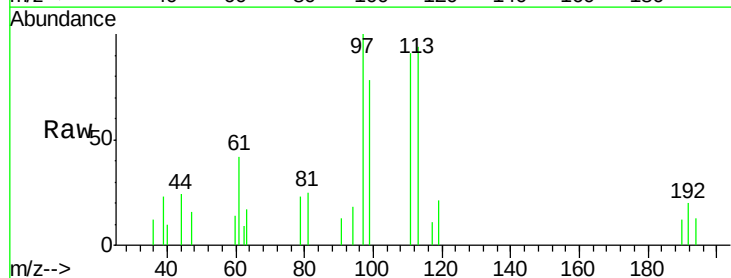
RT: 5.51 min Scan# 808

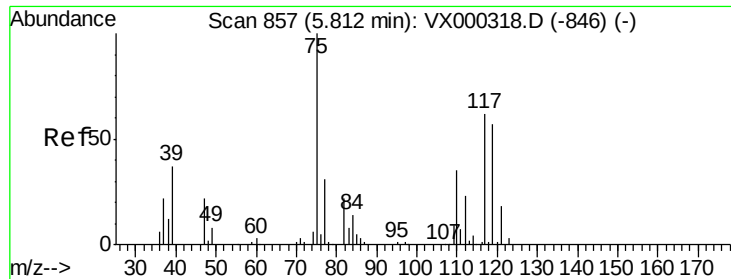
Delta R.T. -0.01 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Tgt Ion:	113	Resp:	1593
Ion Ratio	Lower	Upper	
113	100		
111	108.6	82.4	123.6
192	17.2	15.8	23.6





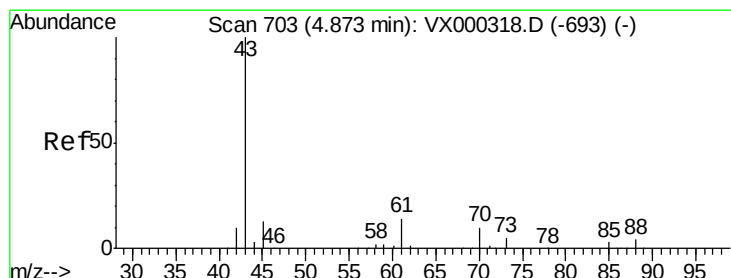
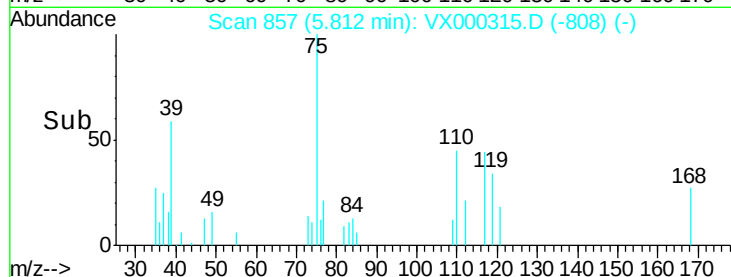
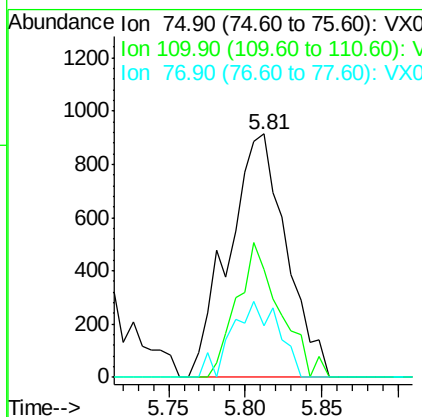
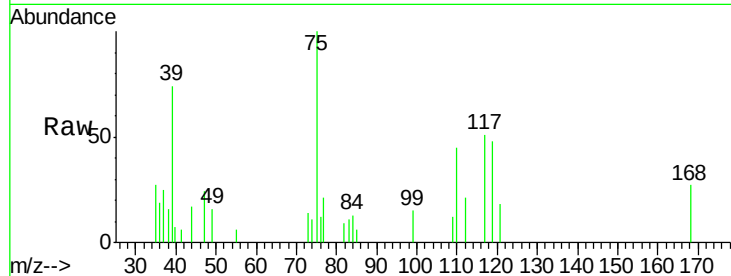
#36
 1,1-Dichloropropene
 Concen: 1.17 ug/l
 RT: 5.81 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: VX000315.D
 Acq: 14 Mar 2018 16:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	41.1	17.9	53.7
77	25.2	24.0	36.0

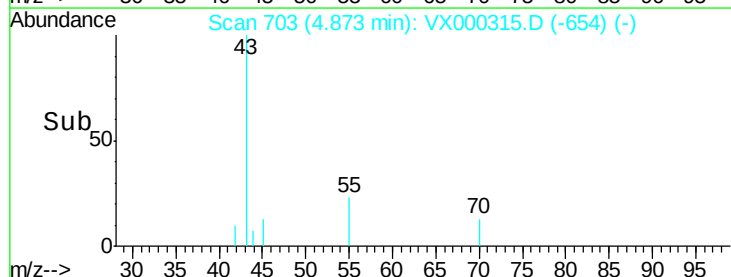
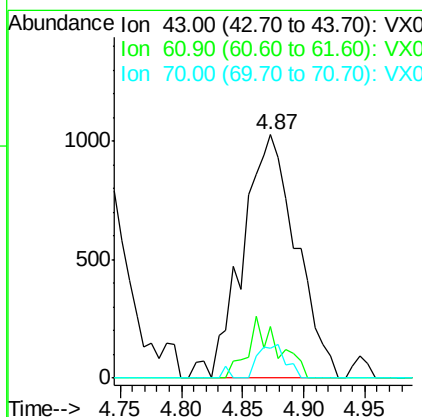
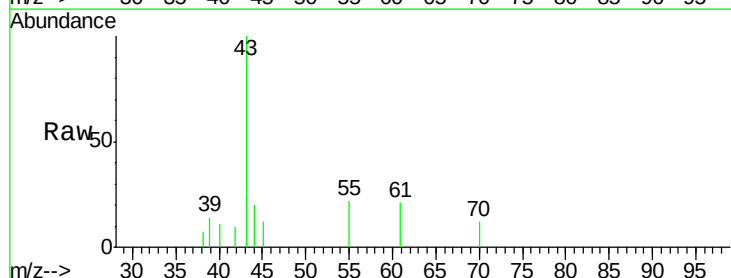
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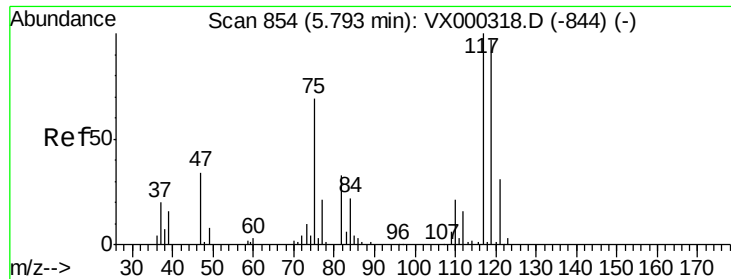
sam
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#37
 Ethyl Acetate
 Concen: 1.10 ug/l
 RT: 4.87 min Scan# 703
 Delta R.T. 0.00 min
 Lab File: VX000315.D
 Acq: 14 Mar 2018 16:00

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.1	16.7
70	7.1	7.7	11.5#





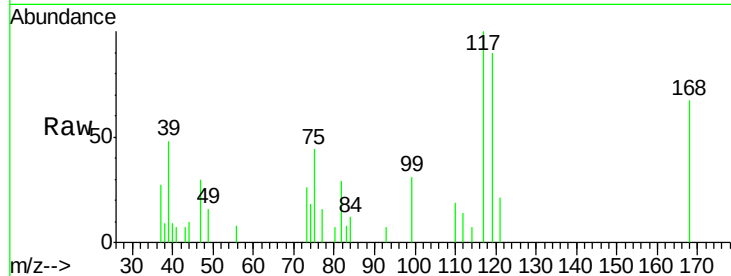
#38
Carbon Tetrachloride
Concen: 1.07 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

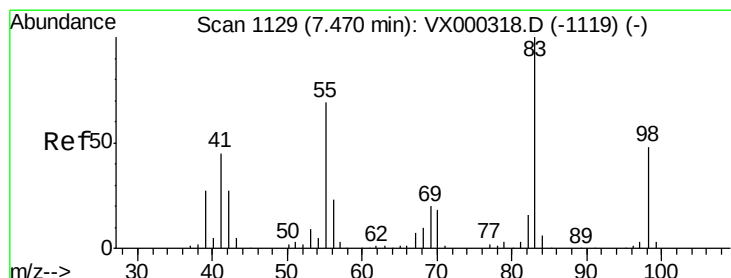
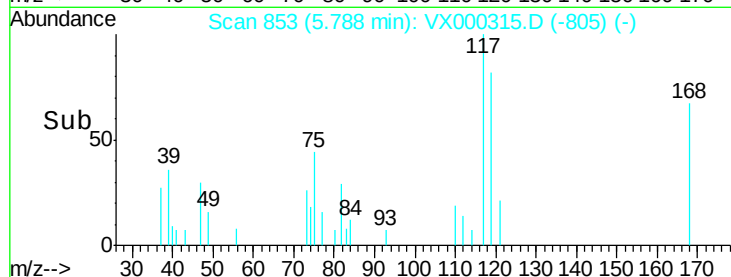
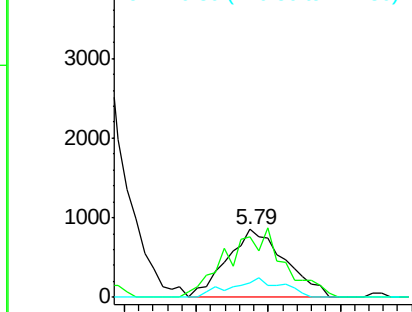
Tot Ion: 117 Resp: 2404
Ion Ratio Lower Upper
117 100
119 89.9 77.4 116.2
121 21.1 24.8 37.2#

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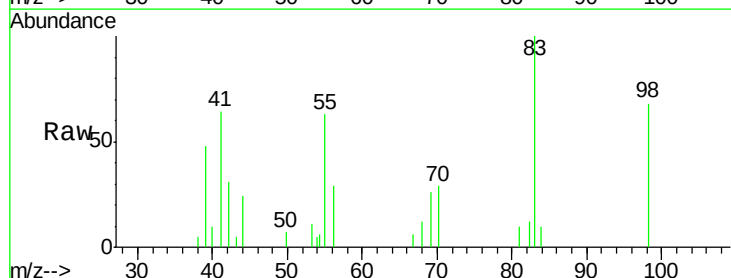


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

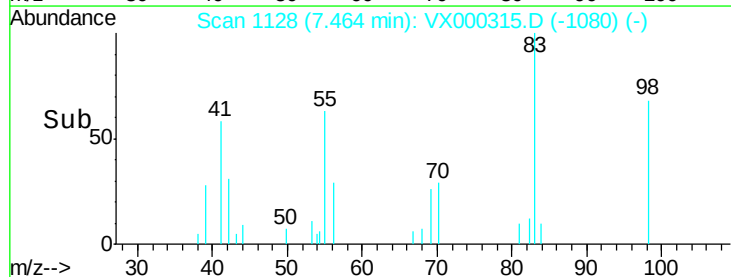
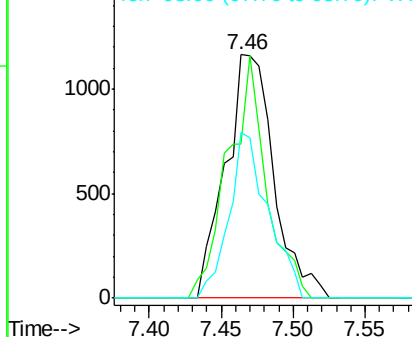


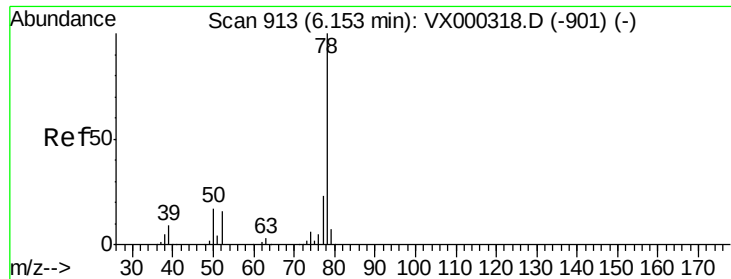
#39
Methylcyclohexane
Concen: 1.05 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

Tgt Ion: 83 Resp: 2725
Ion Ratio Lower Upper
83 100
55 63.3 55.5 83.3
98 68.2 38.2 57.4#



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





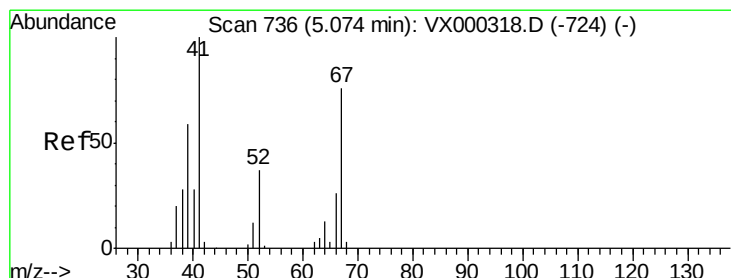
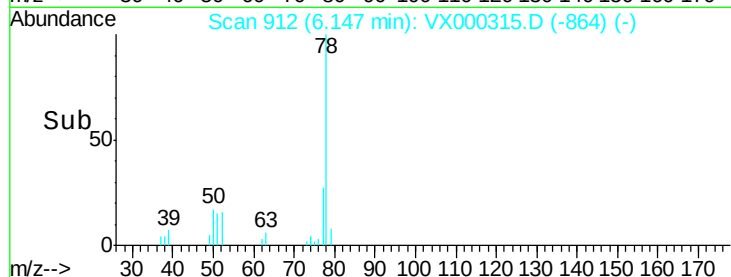
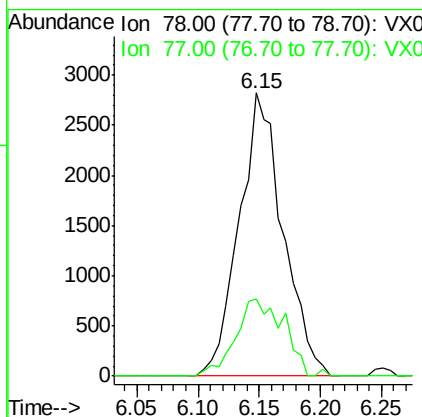
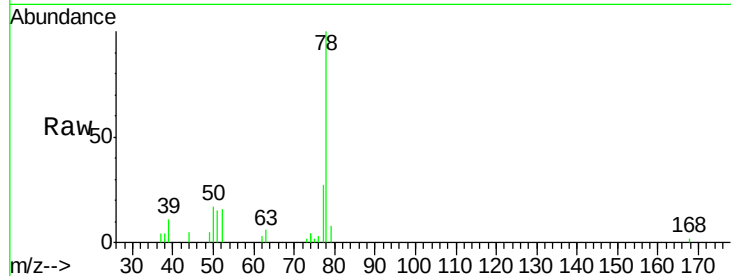
#40
Benzene
Concen: 1.21 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 78 Resp: 7019
Ion Ratio Lower Upper
78 100
77 27.4 18.7 28.1

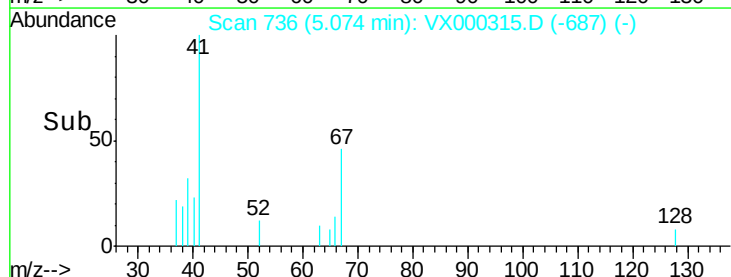
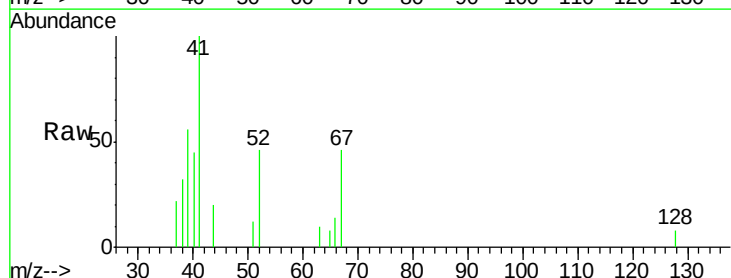
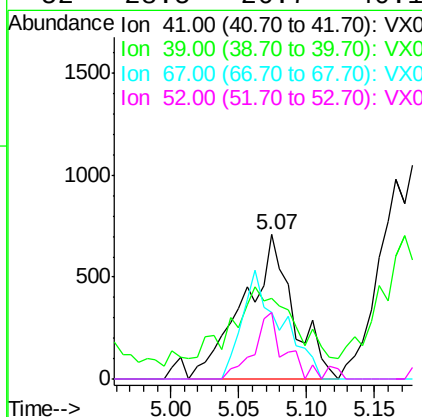
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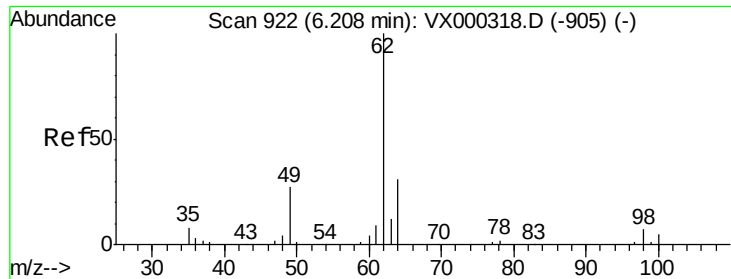
sam
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#41
Methacrylonitrile
Concen: 1.21 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

Tgt Ion: 41 Resp: 1813
Ion Ratio Lower Upper
41 100
39 72.7 45.7 68.5#
67 58.8 57.8 86.8
52 28.5 26.7 40.1





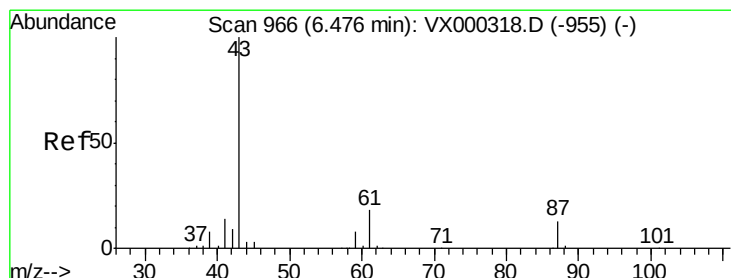
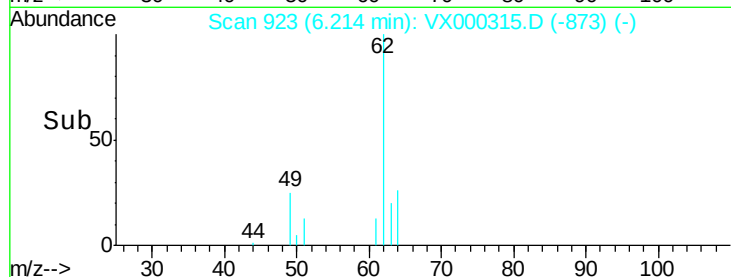
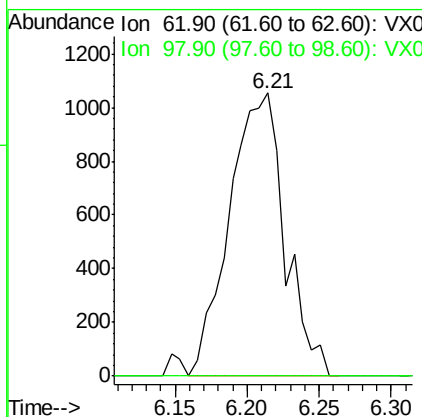
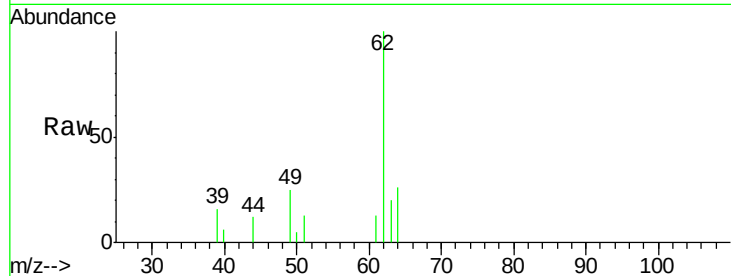
#42
 1,2-Dichloroethane
 Concen: 1.34 ug/l
 RT: 6.21 min Scan# 923
 Delta R.T. 0.01 min
 Lab File: VX000315.D
 Acq: 14 Mar 2018 16:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	15.8

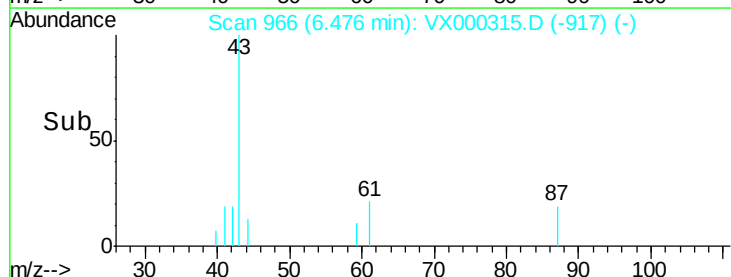
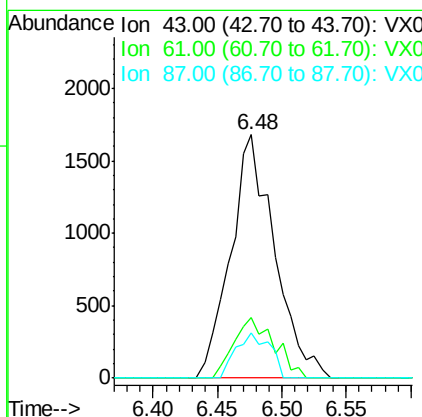
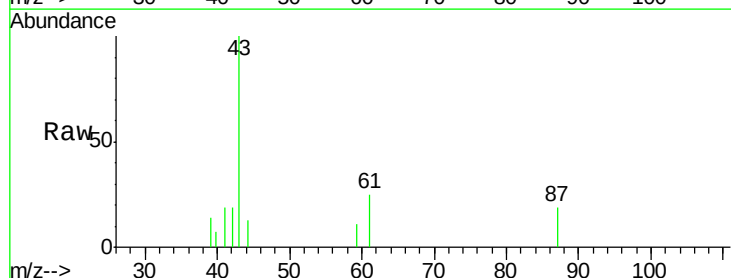
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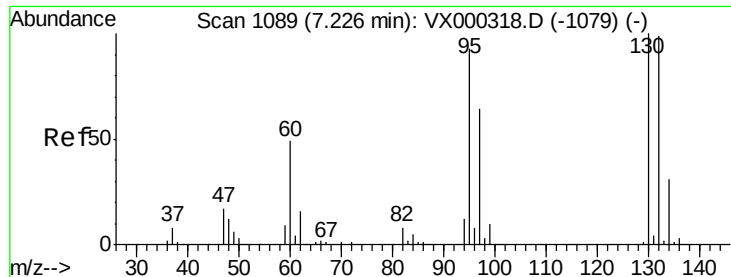
sam
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#43
 Isopropyl Acetate
 Concen: 0.94 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: VX000315.D
 Acq: 14 Mar 2018 16:00

Tgt Ion	Ratio	Lower	Upper
43	100		
61	22.8	14.4	21.6#
87	14.2	11.0	16.4





#44

Trichloroethene

Concen: 1.13 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.01 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion:130 Resp: 2074

Ion Ratio Lower Upper

130 100

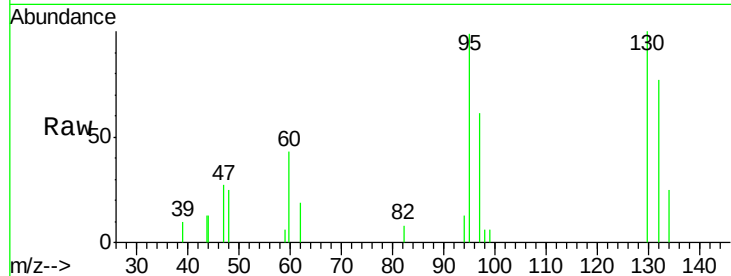
95 99.0 0.0 186.0

Manual Integrations

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sam

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.22

1000

800

600

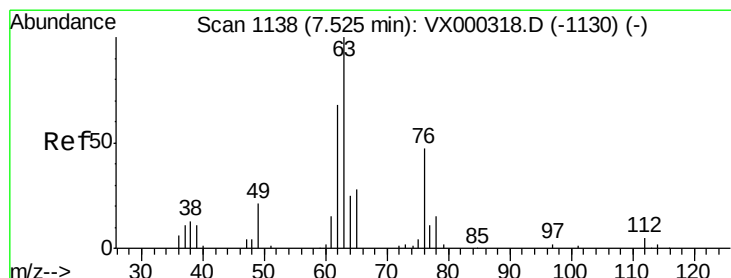
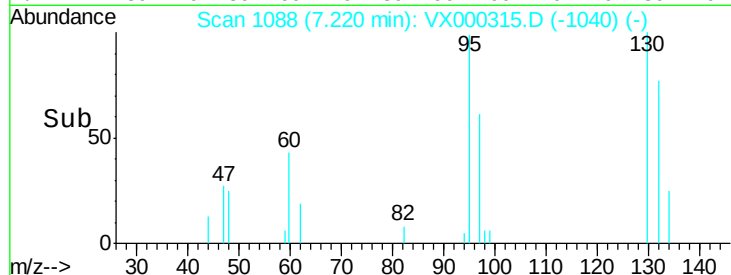
400

200

0

7.15 7.20 7.25 7.30

Time-->



#45

1,2-Dichloropropane

Concen: 1.05 ug/l

RT: 7.53 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VX000315.D

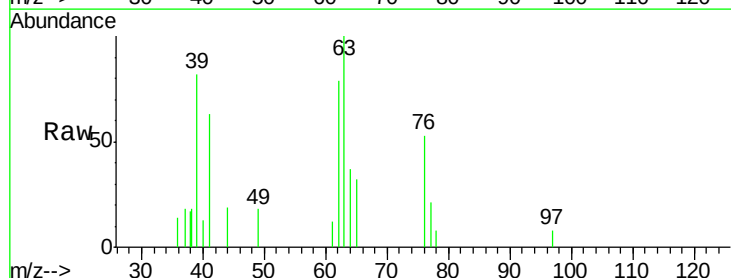
Acq: 14 Mar 2018 16:00

Tgt Ion: 63 Resp: 1572

Ion Ratio Lower Upper

63 100

65 31.9 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.53

800

600

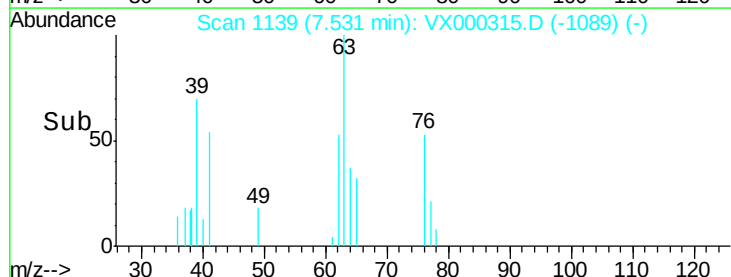
400

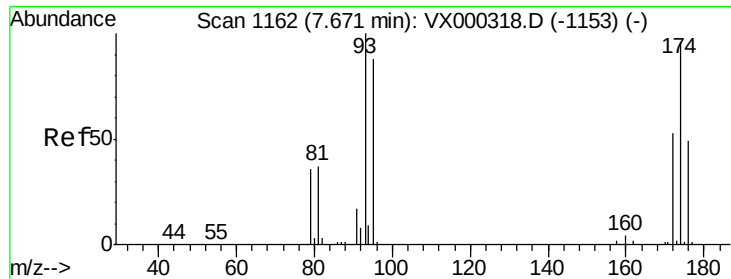
200

0

7.45 7.50 7.55

Time-->





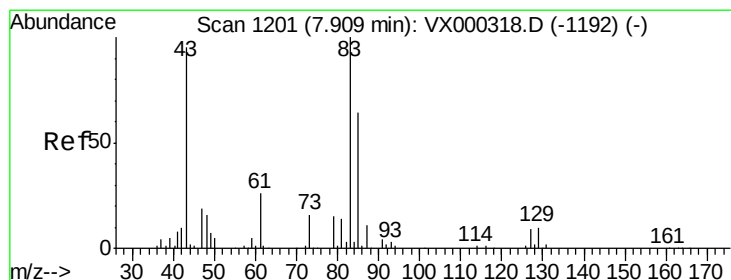
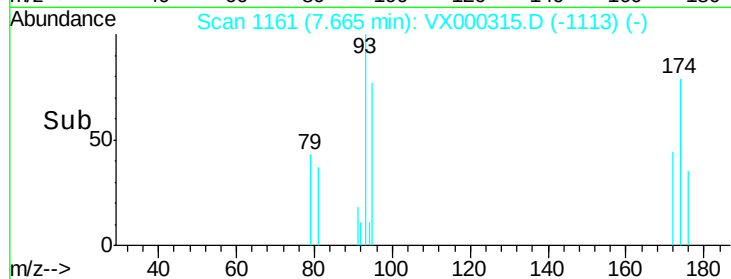
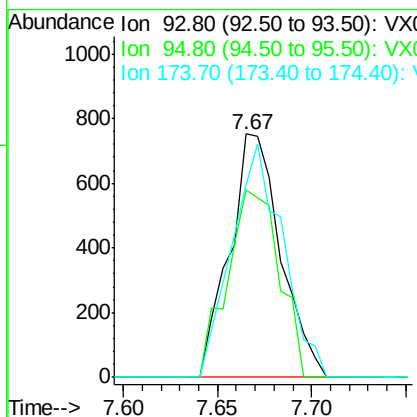
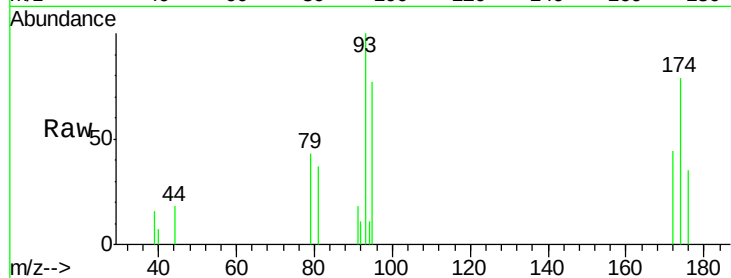
#46
Dibromomethane
Concen: 1.26 ug/l
RT: 7.67 min Scan# 1161
Delta R.T. -0.01 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
93	100		
95	78.0	66.5	99.7
174	95.7	76.0	114.0

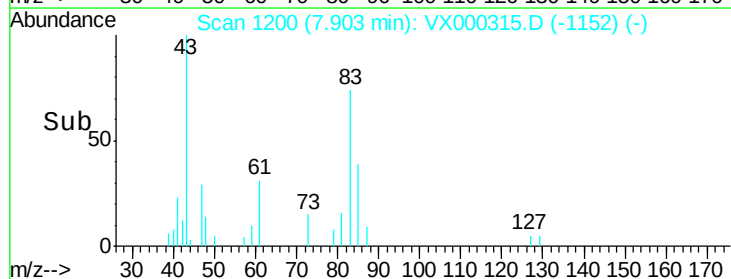
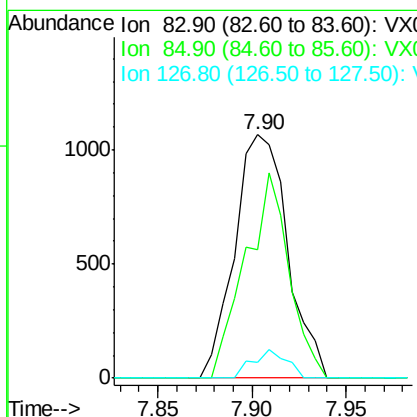
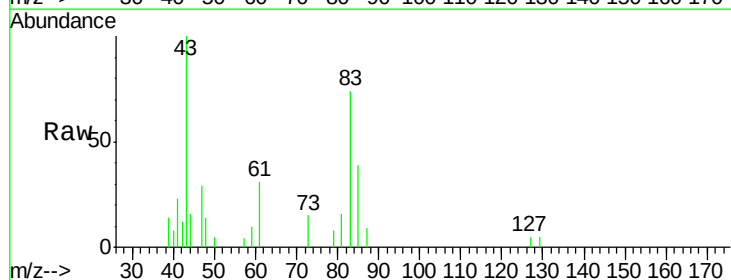
Manual Integrations
APPROVED

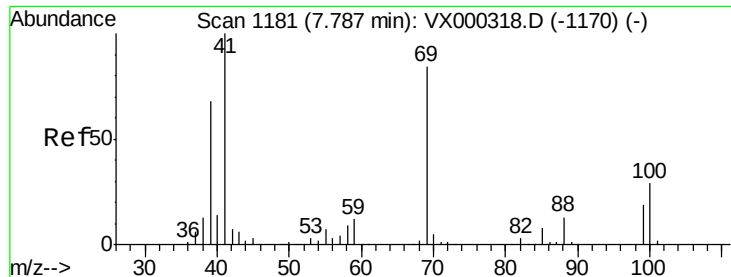
sam
3/15/2018 3:36:51 PM



#47
Bromodichloromethane
Concen: 0.98 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. -0.01 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	52.7	51.4	77.0
127	6.6	7.0	10.6#





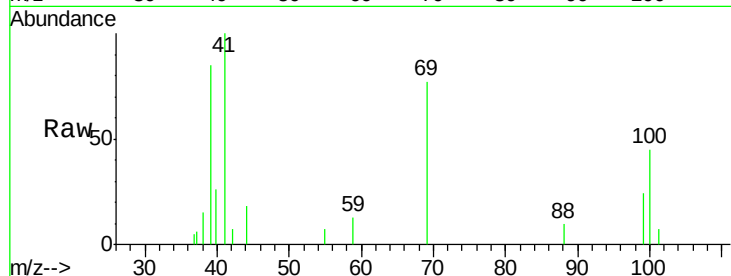
#48
Methyl methacrylate
Concen: 1.03 ug/l
RT: 7.79 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

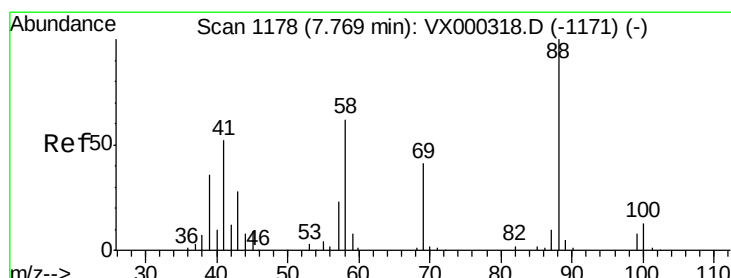
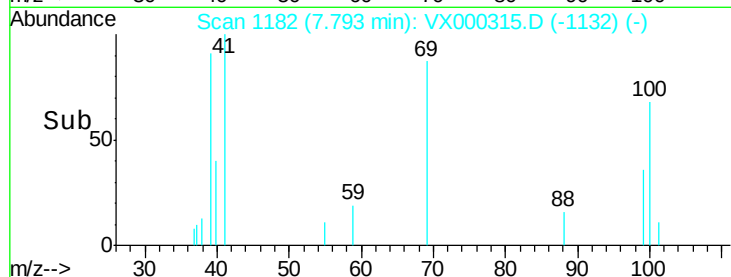
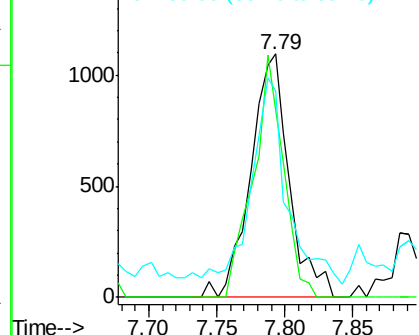
Tot Ion: 41 Resp: 2174
Ion Ratio Lower Upper
41 100
69 78.8 68.2 102.4
39 79.4 54.6 81.8

Manual Integrations
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sam
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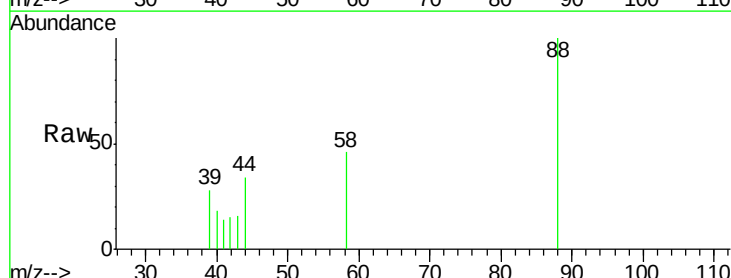


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

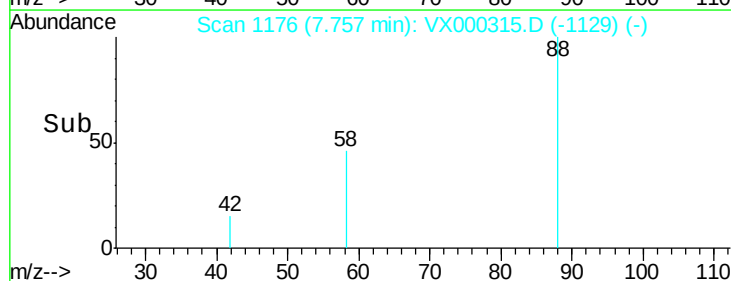
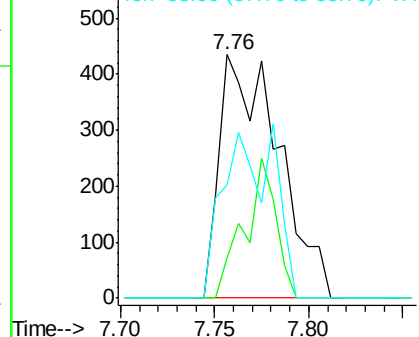


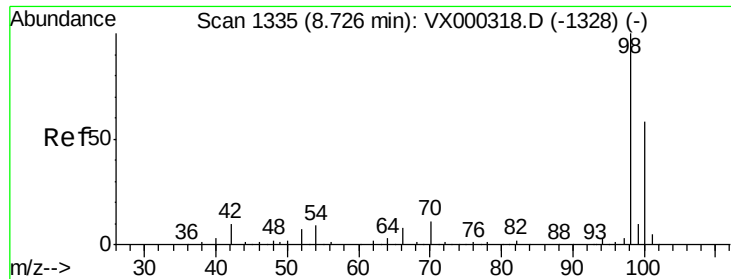
#49
1,4-Dioxane
Concen: 17.84 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.01 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

Tgt Ion: 88 Resp: 946
Ion Ratio Lower Upper
88 100
43 0.0 26.8 40.2#
58 0.0 52.2 78.2#



Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 1.10 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.01 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 98 Resp: 6194

Ion Ratio Lower Upper

98 100

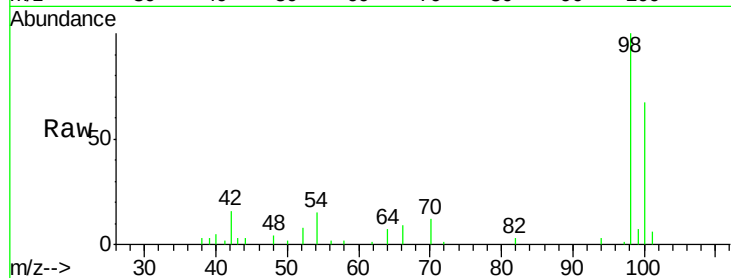
100 67.7 51.2 76.8

Manual Integrations

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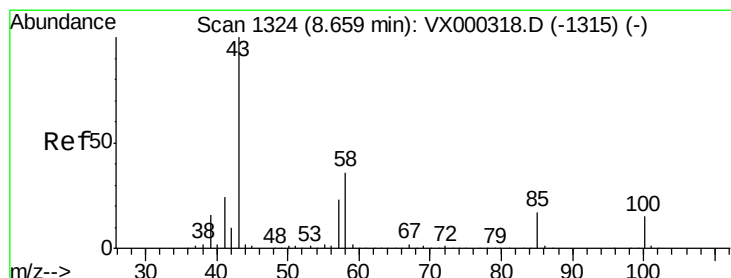
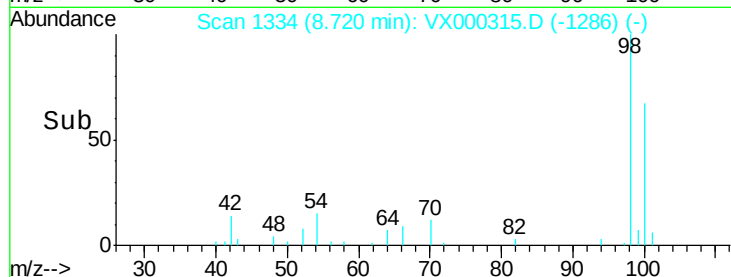
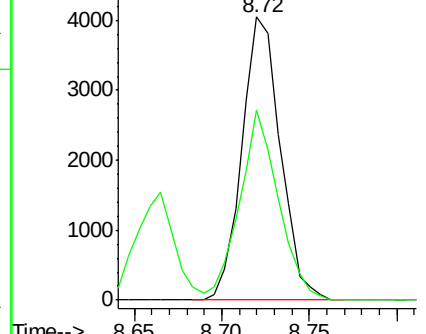
sam

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Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#51

4-Methyl-2-Pentanone

Concen: 5.10 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX000315.D

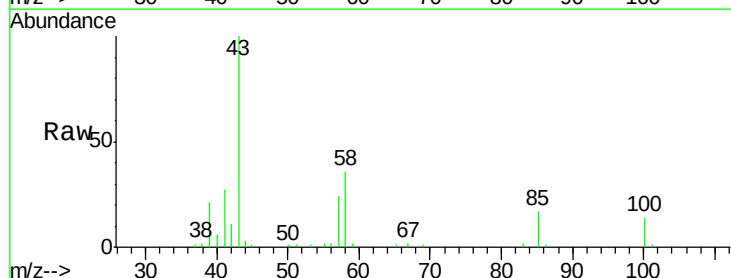
Acq: 14 Mar 2018 16:00

Tgt Ion: 43 Resp: 15363

Ion Ratio Lower Upper

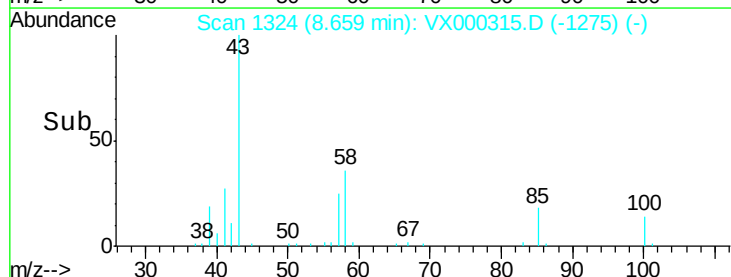
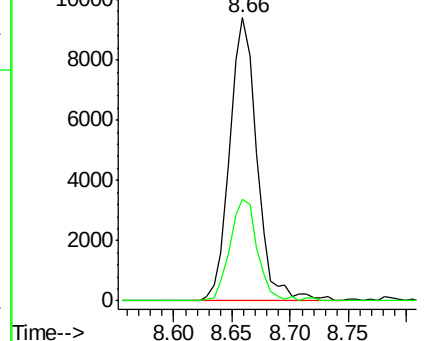
43 100

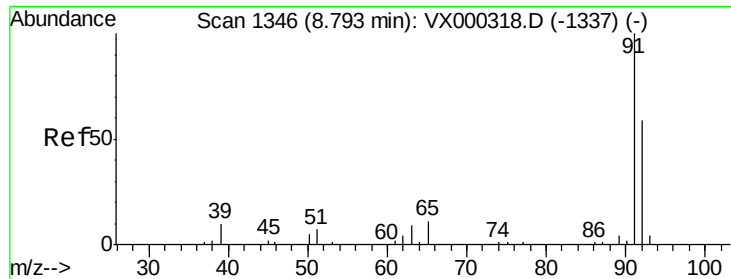
58 36.0 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#52

Toluene

Concen: 1.16 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 92 Resp: 4523

Ion Ratio Lower Upper

92 100

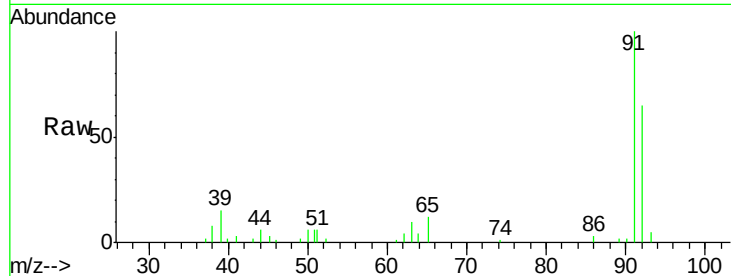
91 171.4 140.2 210.2

Manual Integrations

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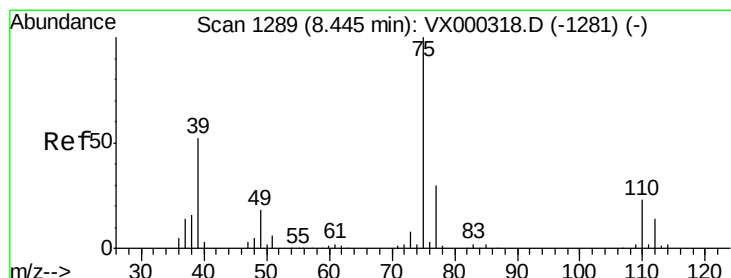
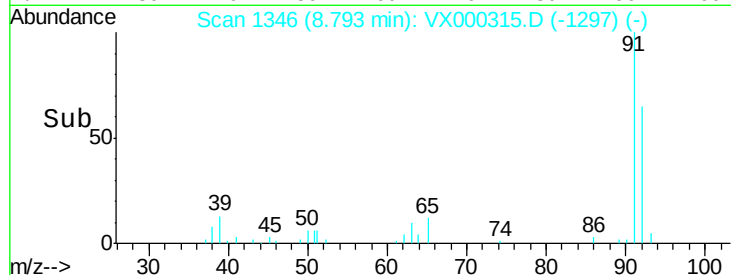
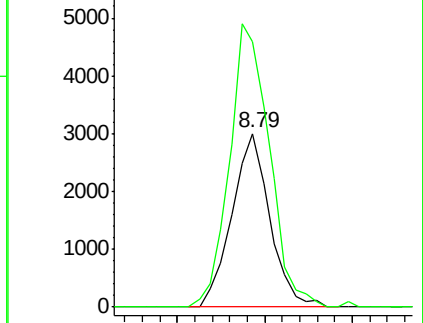
sam

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Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 0.92 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VX000315.D

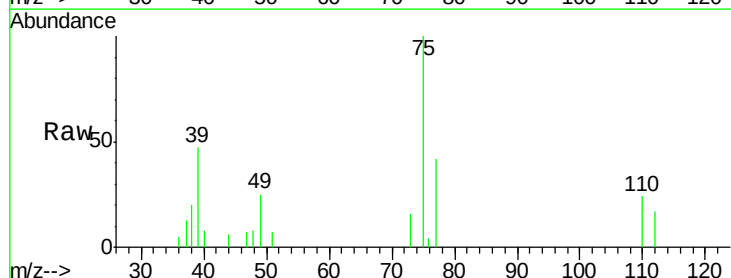
Acq: 14 Mar 2018 16:00

Tgt Ion: 75 Resp: 2323

Ion Ratio Lower Upper

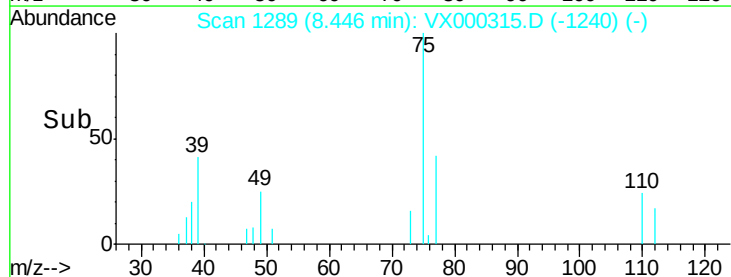
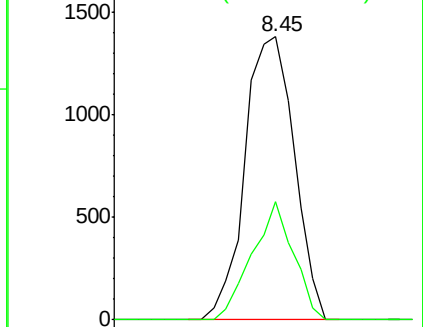
75 100

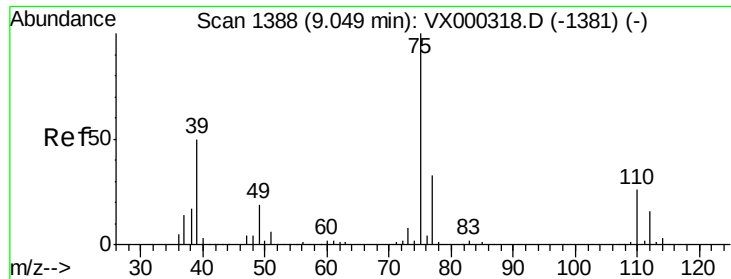
77 41.7 24.0 36.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0





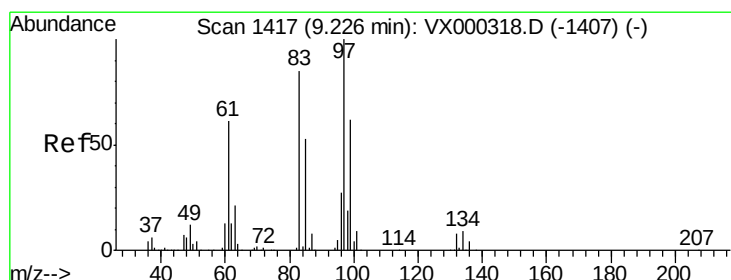
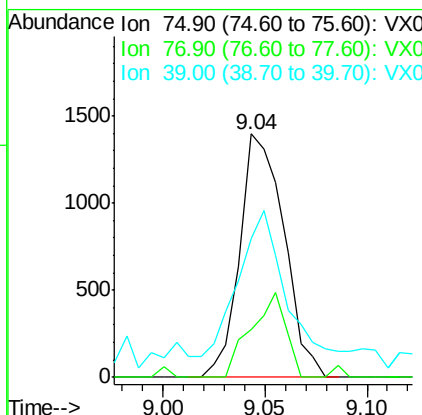
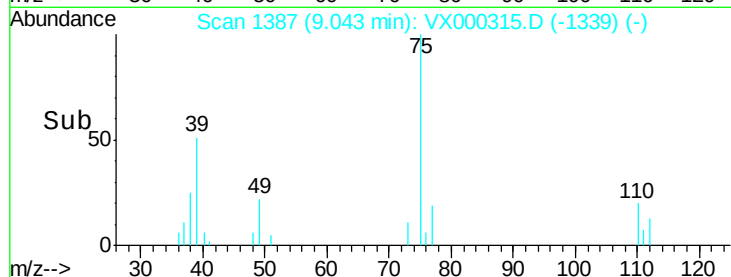
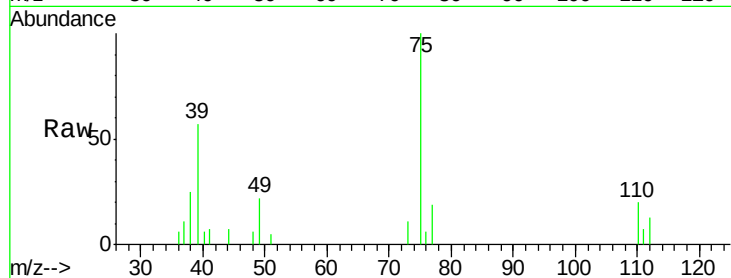
#54
 cis-1,3-Dichloropropene
 Concen: 0.85 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: VX000315.D
 Acq: 14 Mar 2018 16:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
77	19.4	26.1	39.1#
39	48.4	39.8	59.6

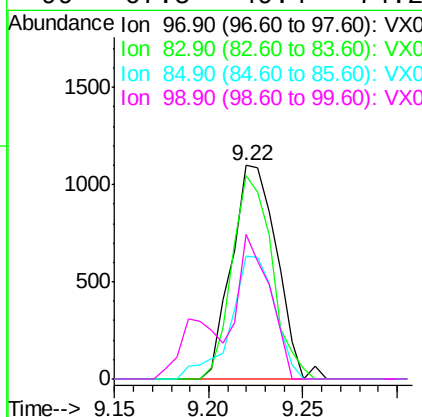
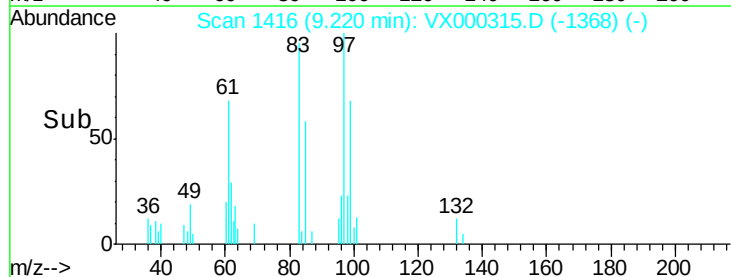
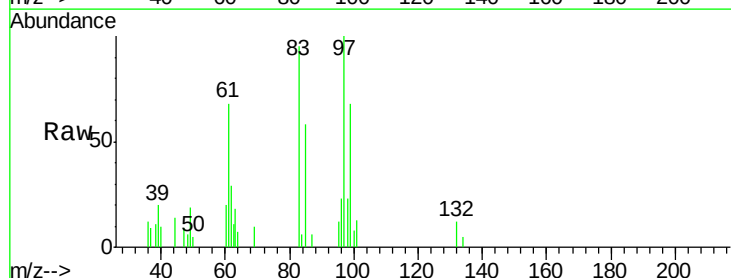
Manual Integrations
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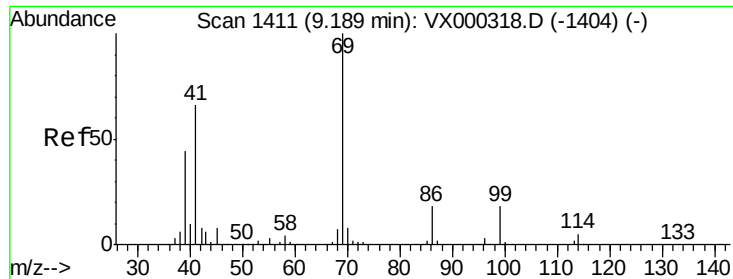
sam
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#55
 1,1,2-Trichloroethane
 Concen: 1.13 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: VX000315.D
 Acq: 14 Mar 2018 16:00

Tgt Ion	Ratio	Lower	Upper
97	100		
83	95.3	67.9	101.9
85	57.8	42.8	64.2
99	67.5	49.4	74.2





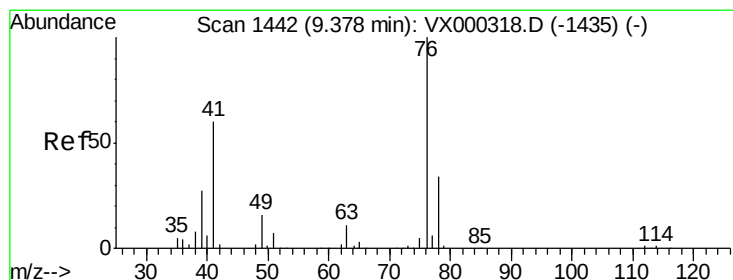
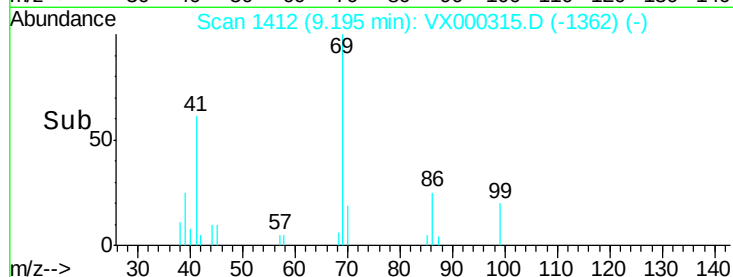
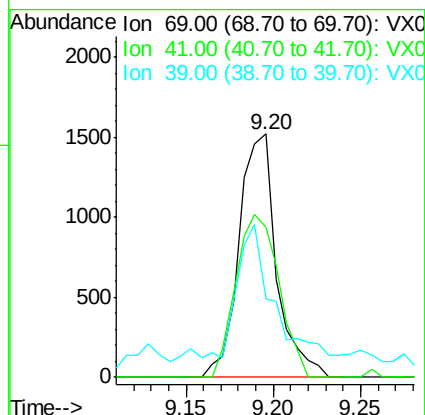
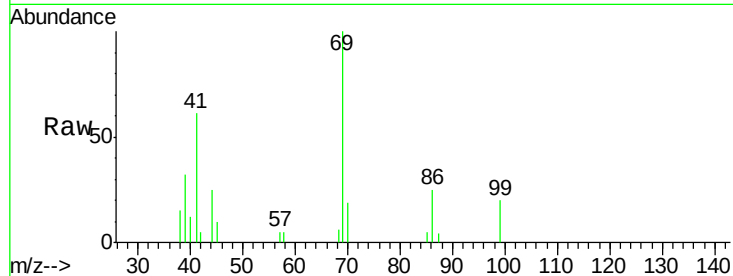
#56
Ethyl methacrylate
Concen: 0.88 ug/l
RT: 9.20 min Scan# 1412
Delta R.T. 0.01 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
69	100		
41	76.7	53.0	79.6
39	50.0	35.3	52.9

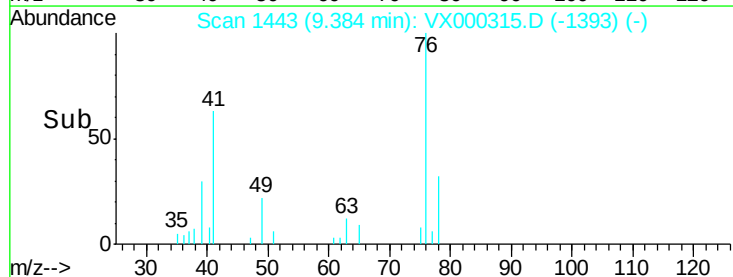
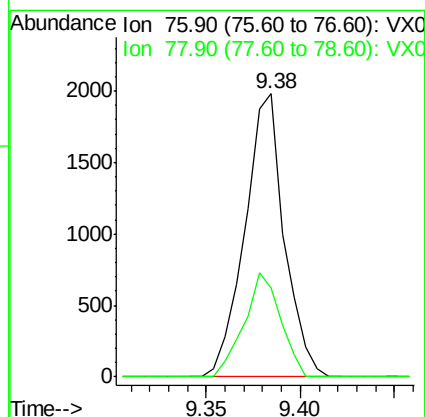
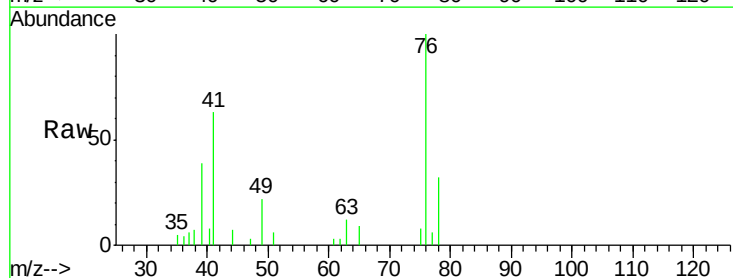
Manual Integrations
APPROVED

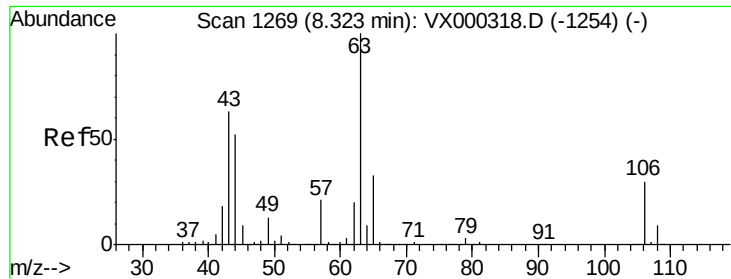
sam
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#57
1,3-Dichloropropane
Concen: 1.12 ug/l
RT: 9.38 min Scan# 1443
Delta R.T. 0.01 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

Tgt Ion	Ratio	Lower	Upper
76	100		
78	34.1	26.4	39.6





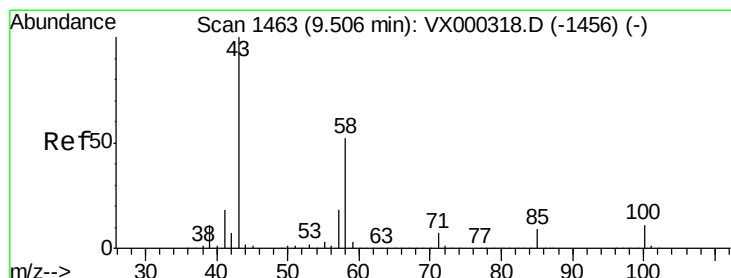
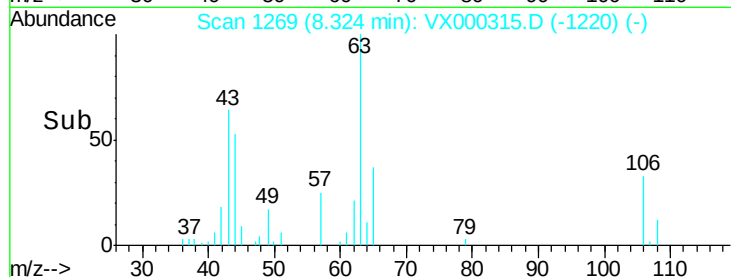
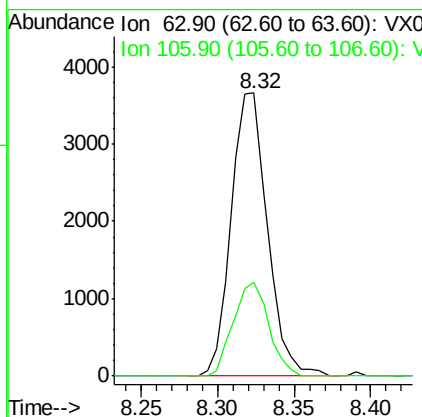
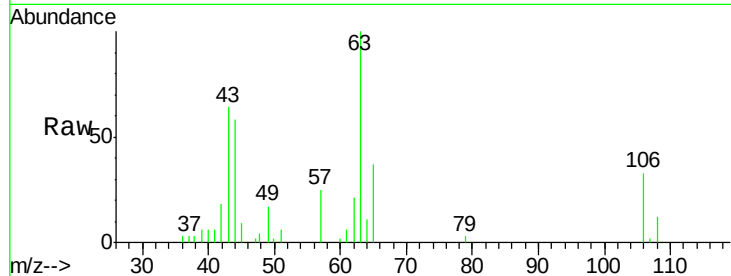
#58
2-Chloroethyl Vinyl ether
Concen: 4.99 ug/l
RT: 8.32 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 63 Resp: 5997
Ion Ratio Lower Upper
63 100
106 32.5 23.2 34.8

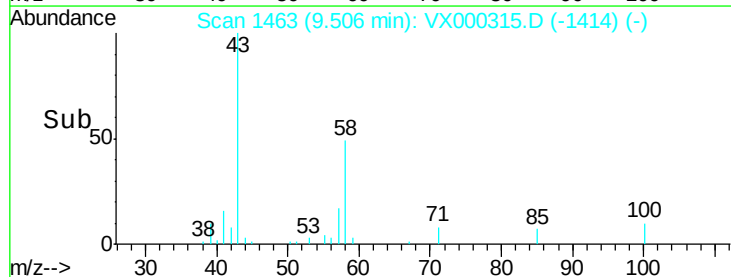
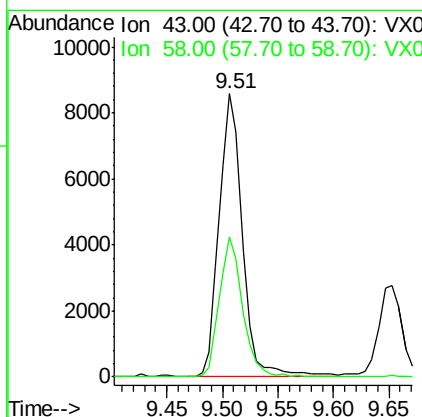
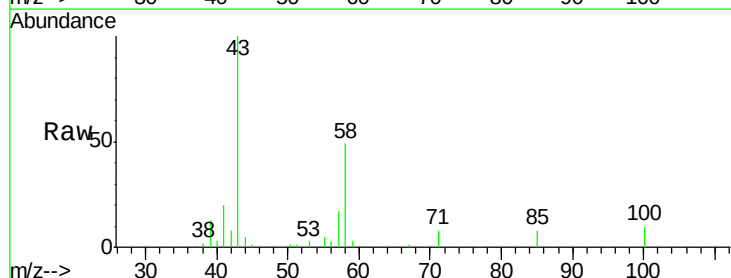
Manual Integrations
APPROVED

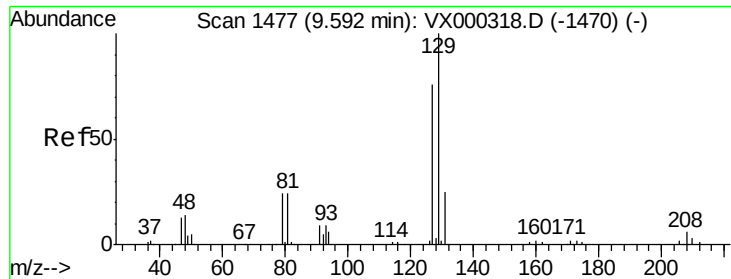
sam
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#59
2-Hexanone
Concen: 4.84 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

Tgt Ion: 43 Resp: 12528
Ion Ratio Lower Upper
43 100
58 48.7 26.6 79.7





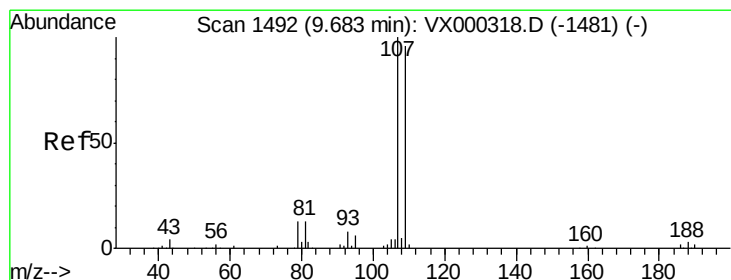
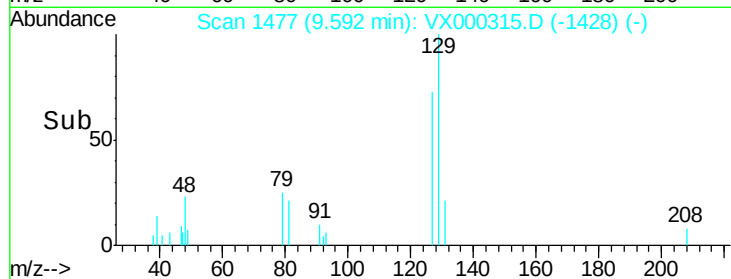
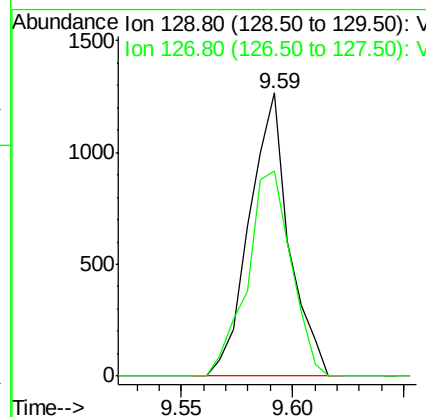
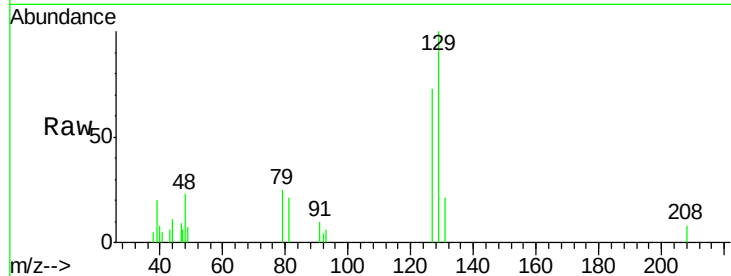
#60
 Dibromochloromethane
 Concen: 0.83 ug/l
 RT: 9.59 min Scan# 1477
 Delta R.T. 0.00 min
 Lab File: VX000315.D
 Acq: 14 Mar 2018 16:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
129	100		
127	80.4	37.9	113.6

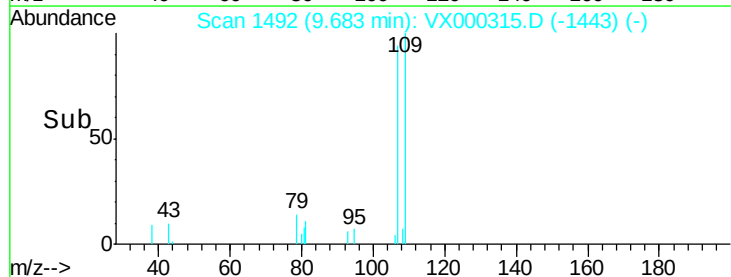
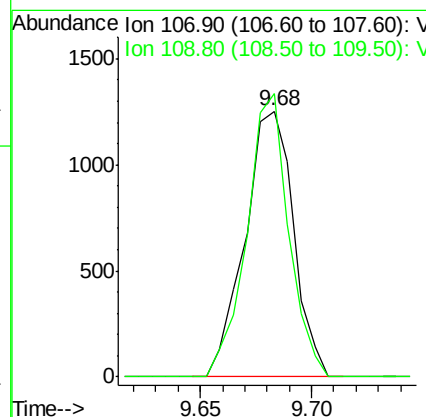
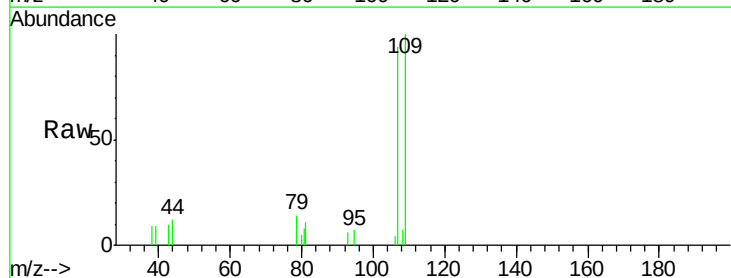
Manual Integrations
 APPROVED

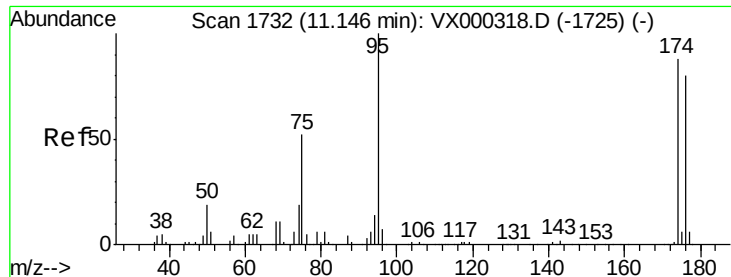
sam
 3/15/2018 3:36:51 PM



#61
 1,2-Dibromoethane
 Concen: 1.07 ug/l
 RT: 9.68 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX000315.D
 Acq: 14 Mar 2018 16:00

Tgt Ion	Ratio	Lower	Upper
107	100		
109	92.3	76.1	114.1





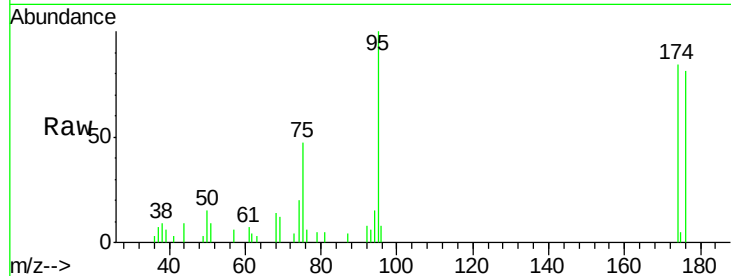
#62
4-Bromofluorobenzene
Concen: 1.13 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
95	100		
174	87.6	0.0	173.6
176	75.1	0.0	164.6

Manual Integrations
APPROVED

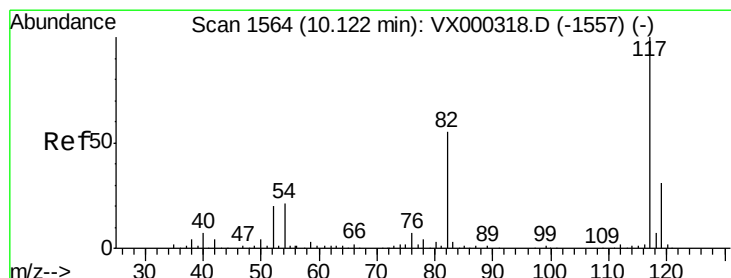
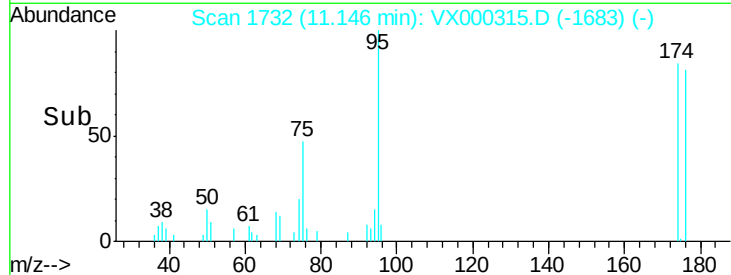
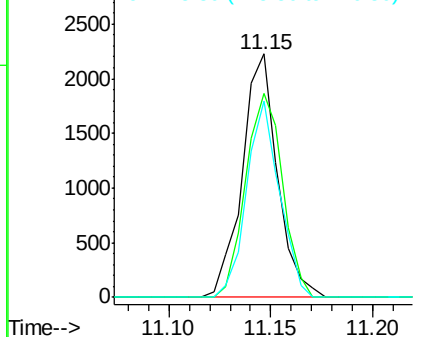
sam
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Abundance Ion 94.90 (94.60 to 95.60): VX000315.D (-1725) (-)

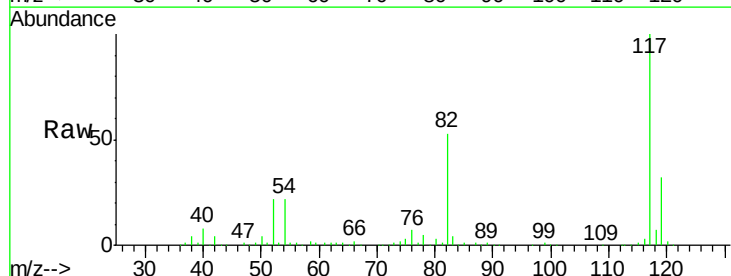
Ion 173.80 (173.50 to 174.50): VX000315.D (-1725) (-)

Ion 175.80 (175.50 to 176.50): VX000315.D (-1725) (-)



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

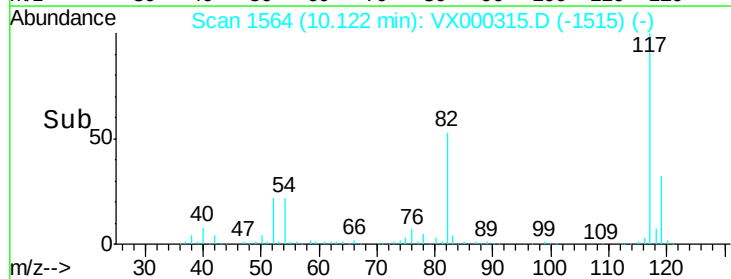
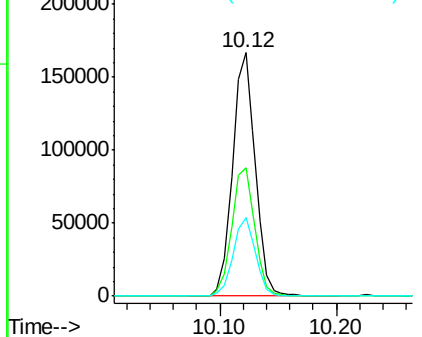
Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.9	43.8	65.8
119	32.0	24.9	37.3

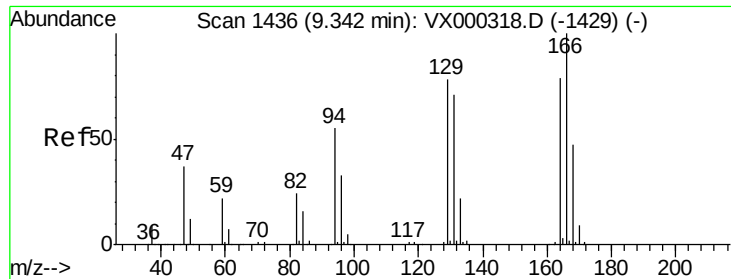


Abundance Ion 116.90 (116.60 to 117.60): VX000315.D (-1557) (-)

Ion 82.00 (81.70 to 82.70): VX000315.D (-1557) (-)

Ion 118.90 (118.60 to 119.60): VX000315.D (-1557) (-)





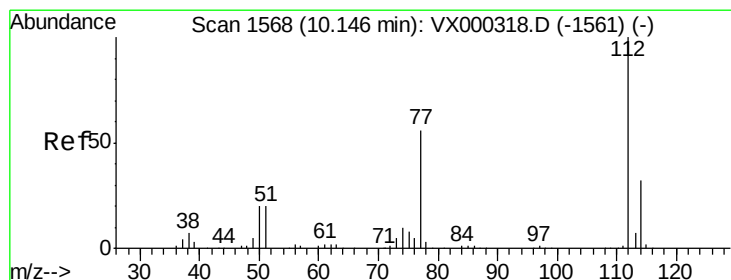
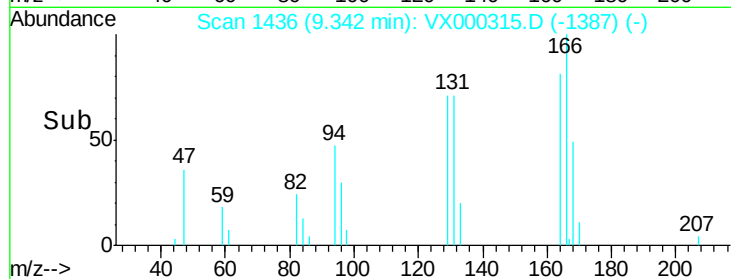
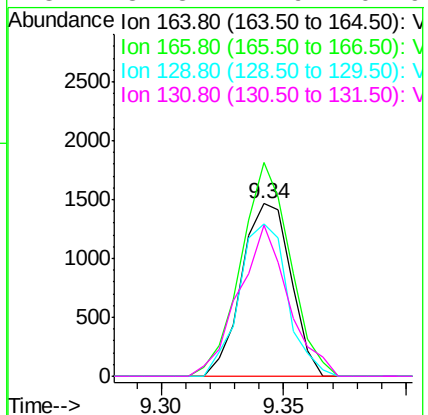
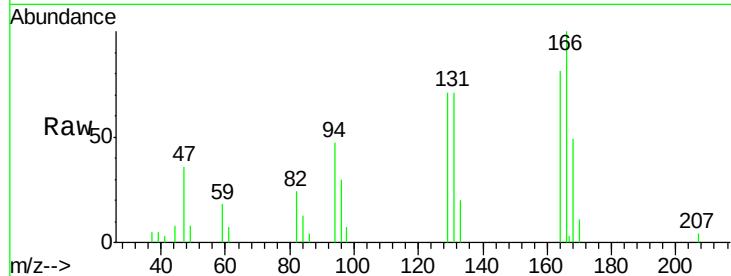
#64
 Tetrachloroethene
 Concen: 1.08 ug/l
 RT: 9.34 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: VX000315.D
 Acq: 14 Mar 2018 16:00

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion:	164	Resp:	2059
Ion	Ratio	Lower	Upper
164	100		
166	123.7	101.0	151.6
129	88.2	79.0	118.4
131	87.3	71.9	107.9

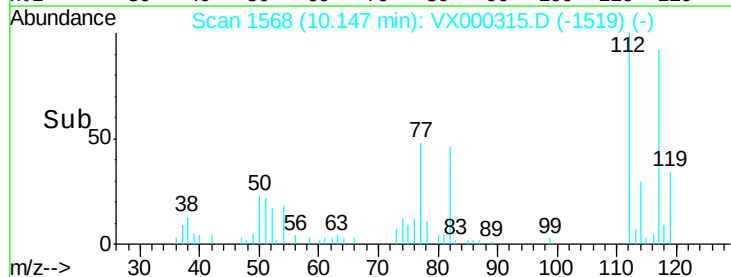
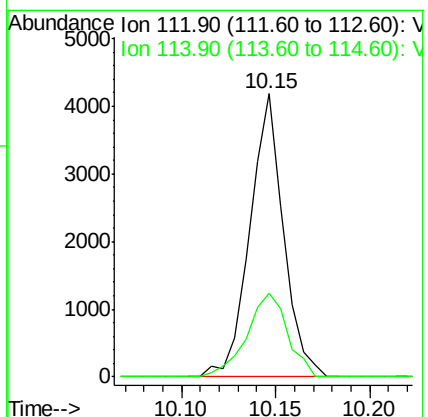
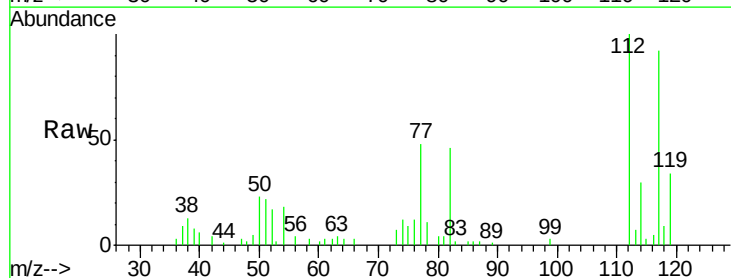
Manual Integrations
 APPROVED

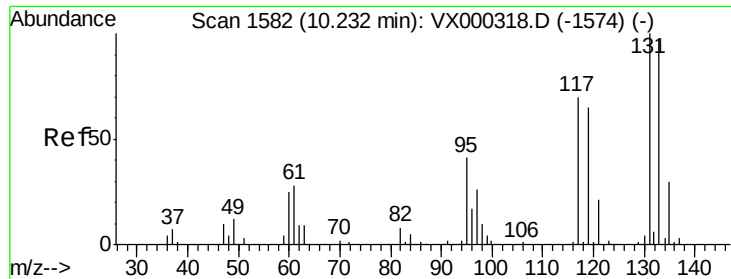
sam
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#65
 Chlorobenzene
 Concen: 1.08 ug/l
 RT: 10.15 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VX000315.D
 Acq: 14 Mar 2018 16:00

Tgt Ion:	112	Resp:	5163
Ion	Ratio	Lower	Upper
112	100		
114	29.7	25.7	38.5





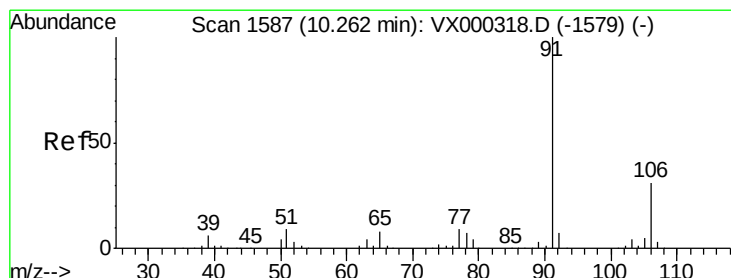
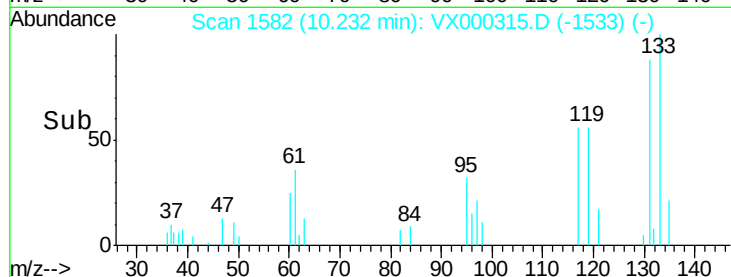
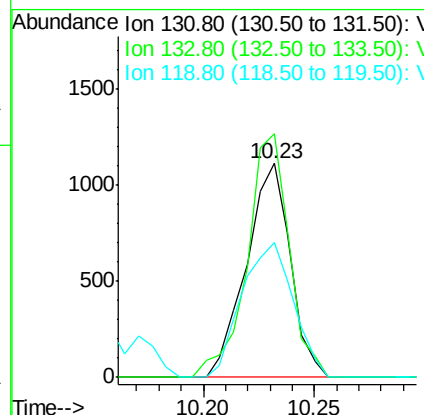
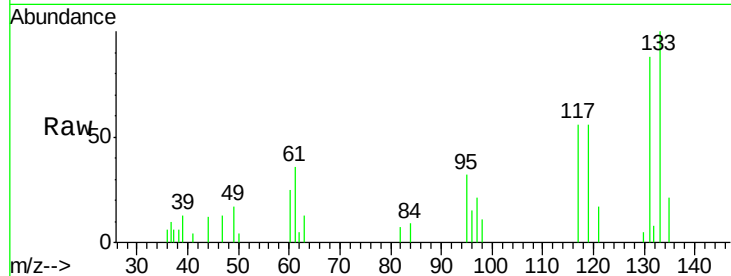
#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.87 ug/l
 RT: 10.23 min Scan# 1582
 Delta R.T. 0.00 min
 Lab File: VX000315.D
 Acq: 14 Mar 2018 16:00

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion:131 Resp: 1527
 Ion Ratio Lower Upper
 131 100
 133 109.2 47.1 141.3
 119 0.0 33.1 99.2#

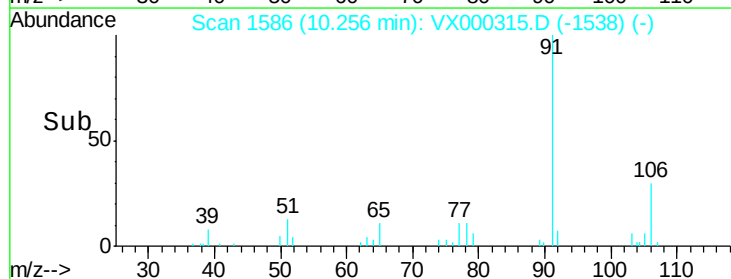
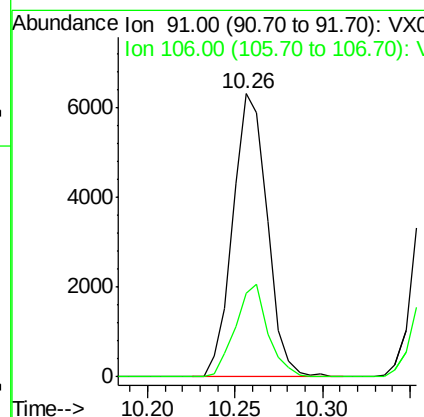
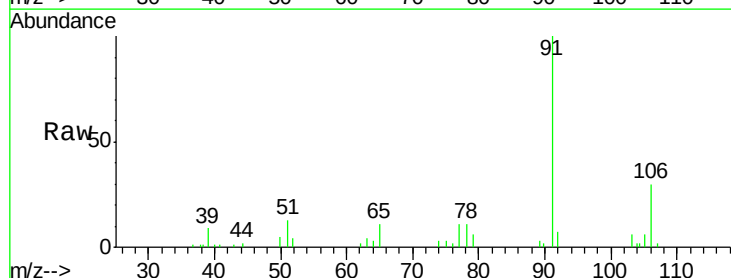
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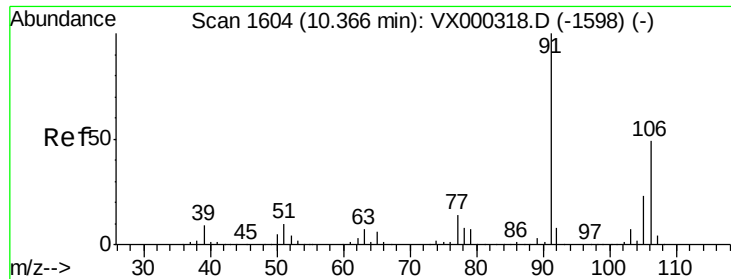
sam
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#67
 Ethyl Benzene
 Concen: 1.09 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: VX000315.D
 Acq: 14 Mar 2018 16:00

Tgt Ion: 91 Resp: 8620
 Ion Ratio Lower Upper
 91 100
 106 29.7 25.0 37.6





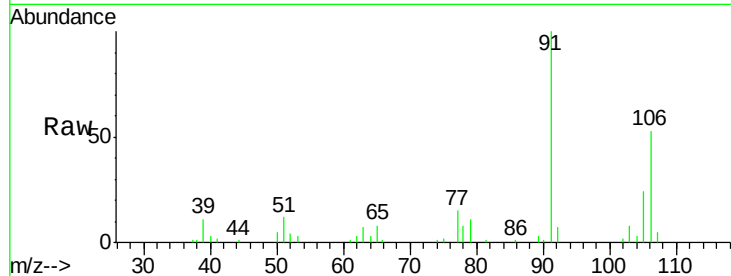
#68
m/p-Xylenes
Concen: 1.98 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

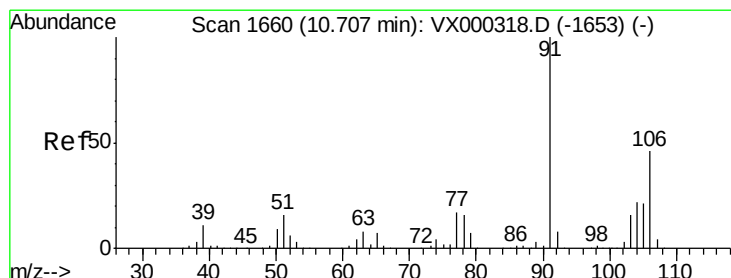
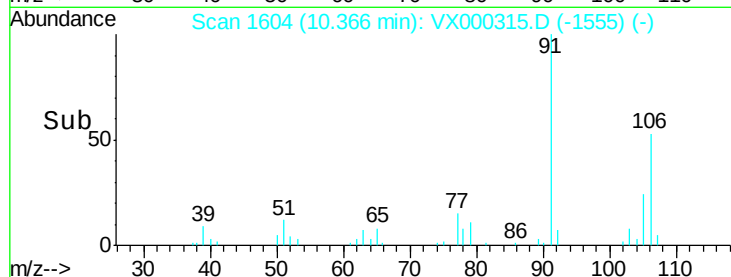
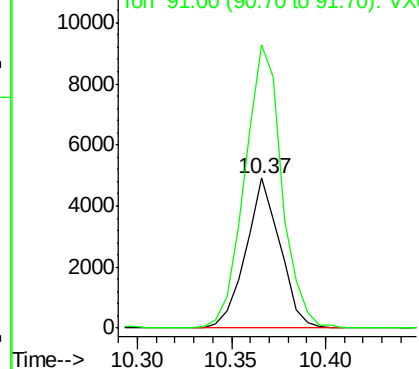
Tot Ion:106 Resp: 6185
Ion Ratio Lower Upper
106 100
91 204.5 163.4 245.2

Manual Integrations
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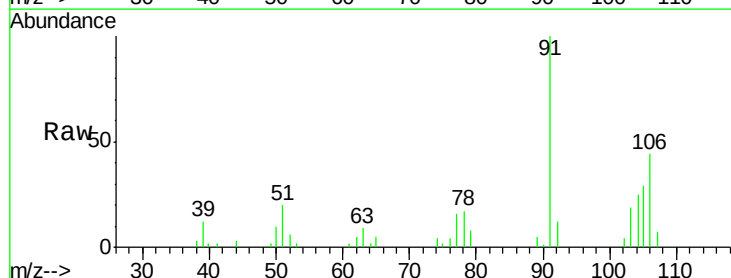


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

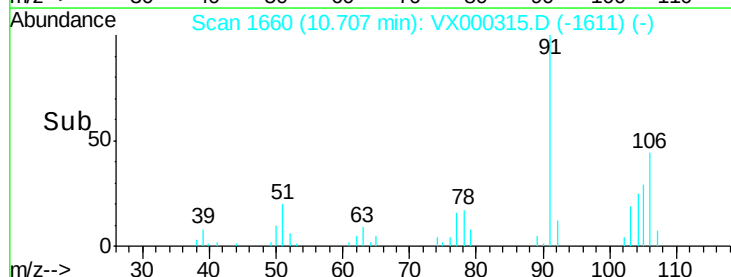
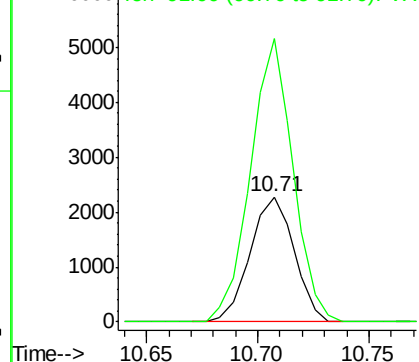


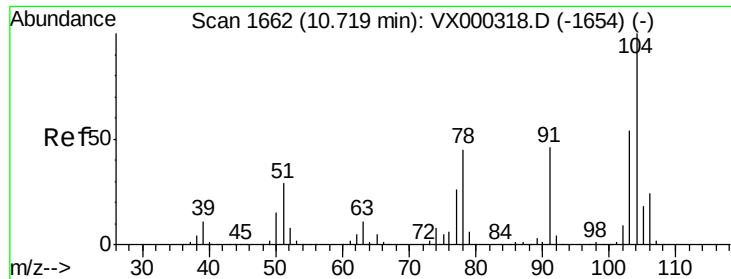
#69
o-Xylene
Concen: 1.04 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

Tgt Ion:106 Resp: 3141
Ion Ratio Lower Upper
106 100
91 217.3 106.5 319.6



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





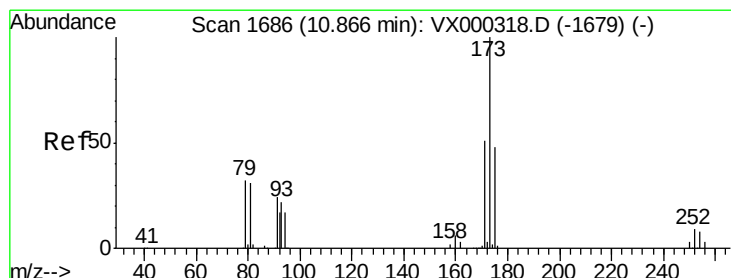
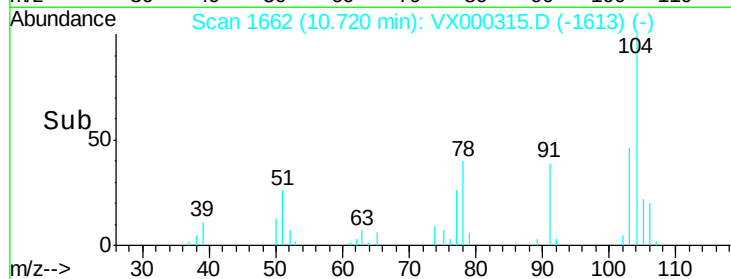
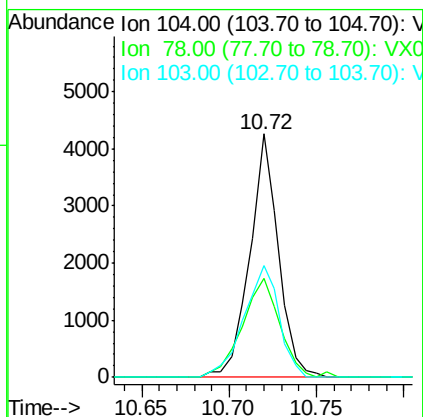
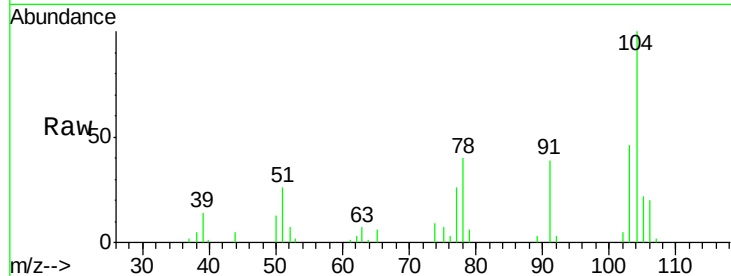
#70
Stvrene
Concen: 0.96 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	53.1	40.5	60.7
103	56.5	45.7	68.5

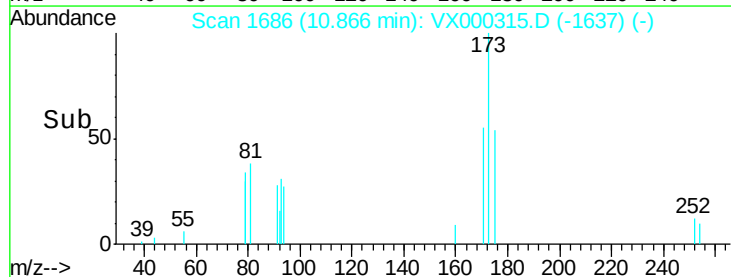
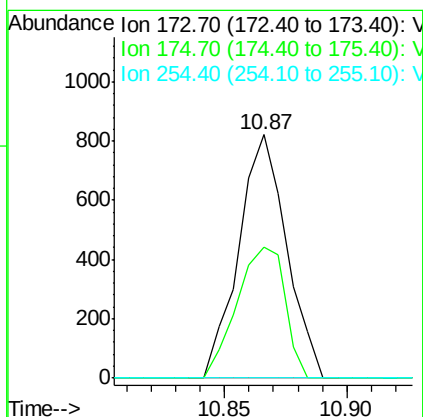
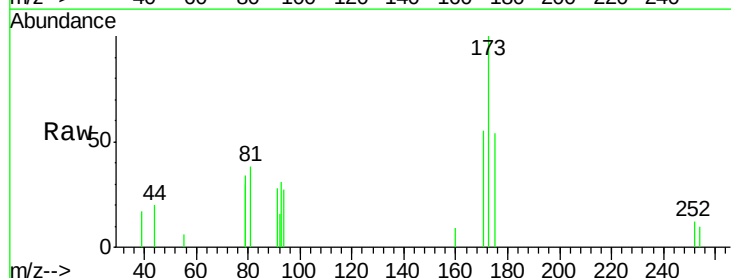
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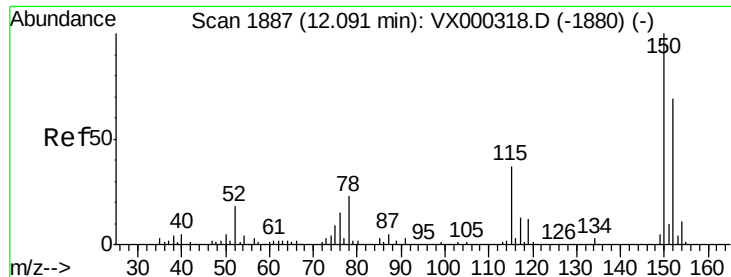
sam
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#71
Bromoform
Concen: 0.61 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

Tgt Ion	Ratio	Lower	Upper
173	100		
175	53.9	25.4	76.4
254	0.0	0.0	0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Instrument :

MSVOA_X

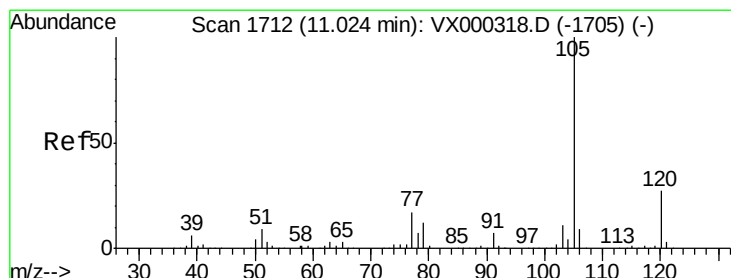
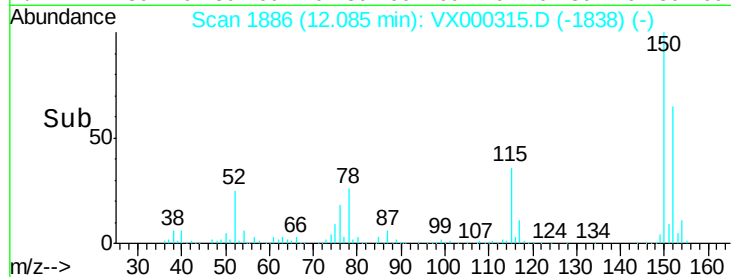
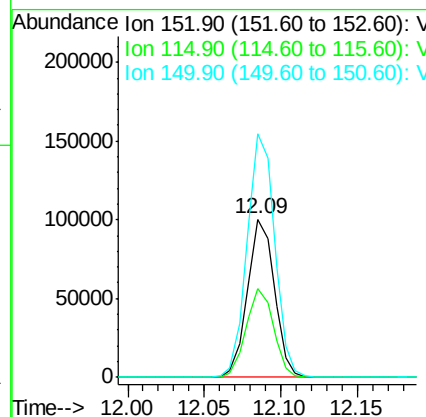
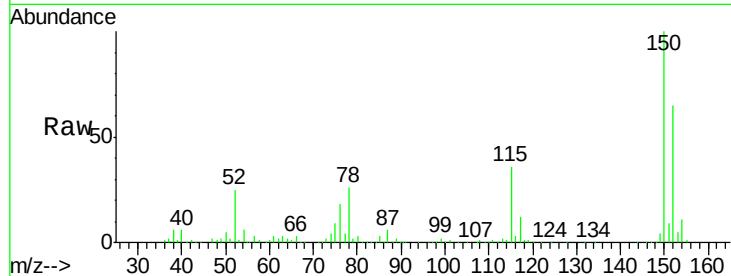
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
152	100	122625		
115	57.0	39.8	119.3	
150	157.9	0.0	344.4	

Manual Integrations
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#73

Isopropylbenzene

Concen: 1.11 ug/l

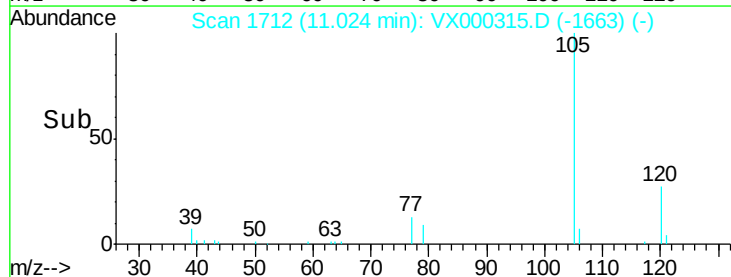
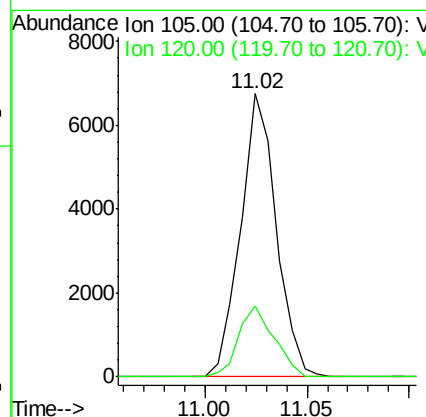
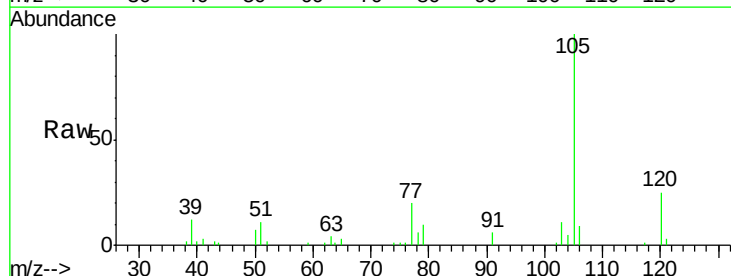
RT: 11.02 min Scan# 1712

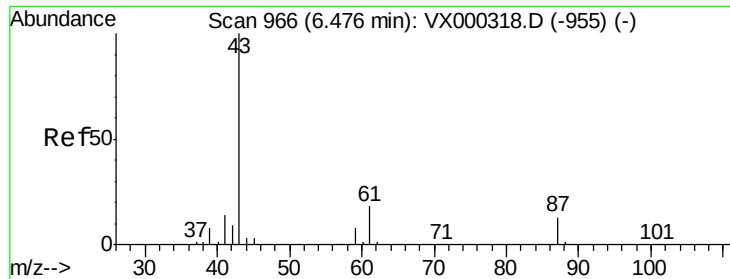
Delta R.T. 0.00 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	8174		
120	24.9	13.6	40.7	





#74

N-amvl acetate

Concen: 1.02 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Instrument :

MSVOA_X

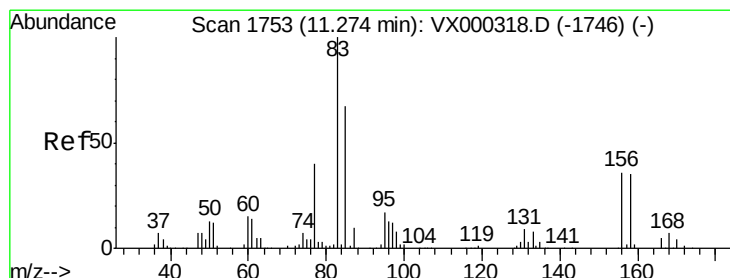
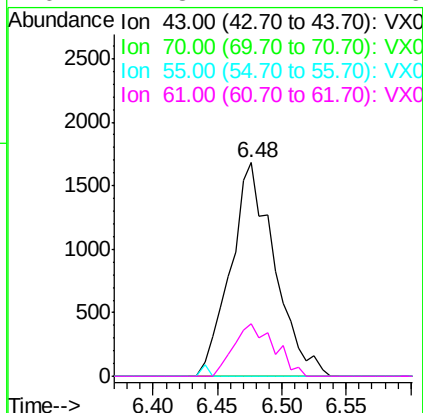
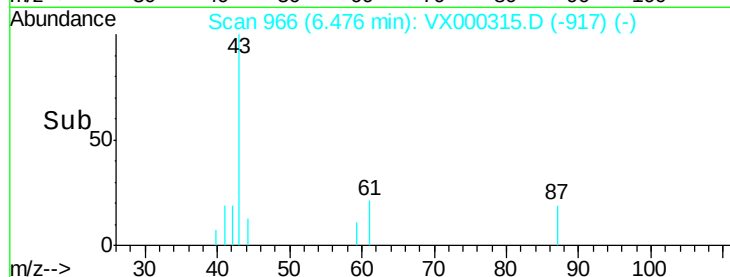
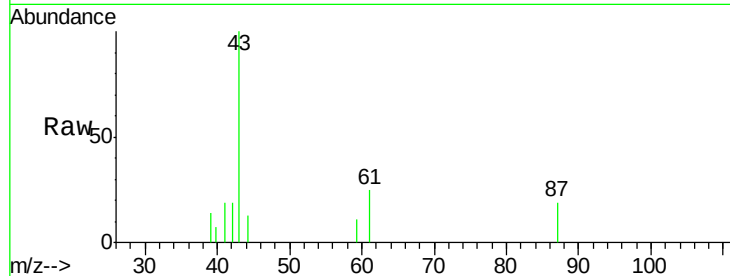
ClientSampled :

VSTDIC001

Tot Ion:	43	Resp:	3979
Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.0	0.0
61	22.8	14.4	21.6

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 1.12 ug/l

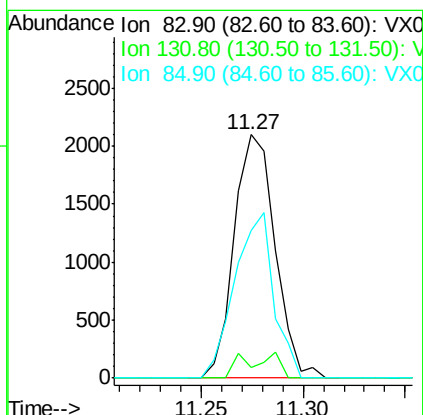
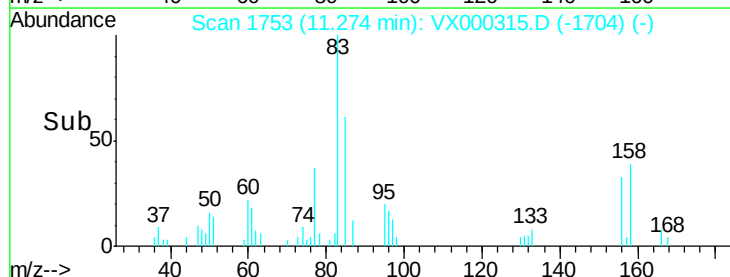
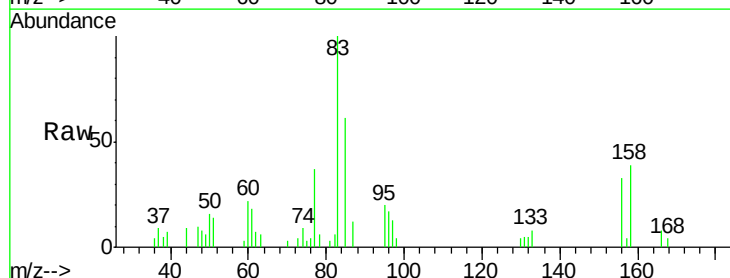
RT: 11.27 min Scan# 1753

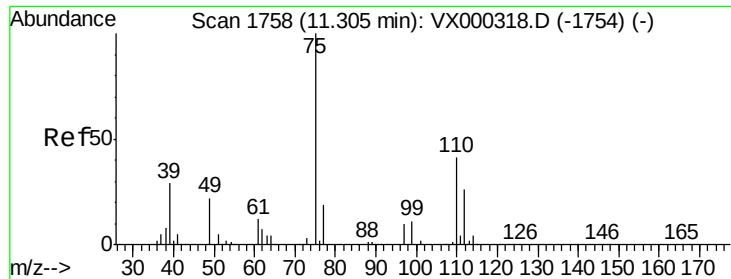
Delta R.T. 0.00 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Tgt Ion:	83	Resp:	2919
Ion	Ratio	Lower	Upper
83	100		
131	8.4	5.0	14.9
85	64.6	32.5	97.5





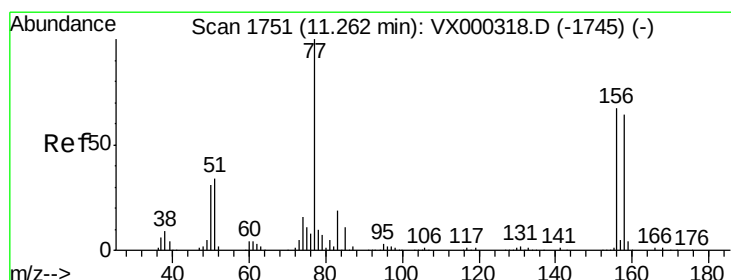
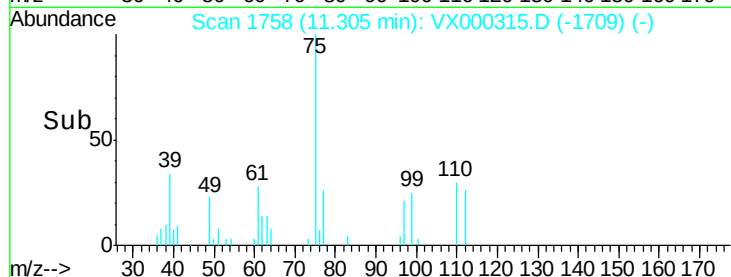
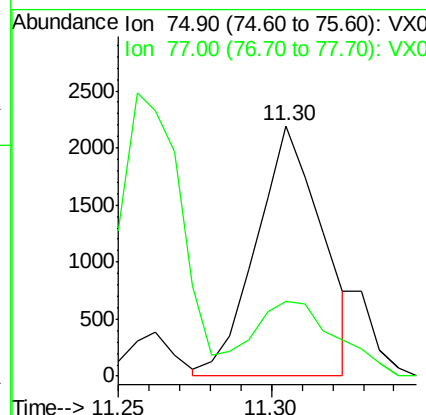
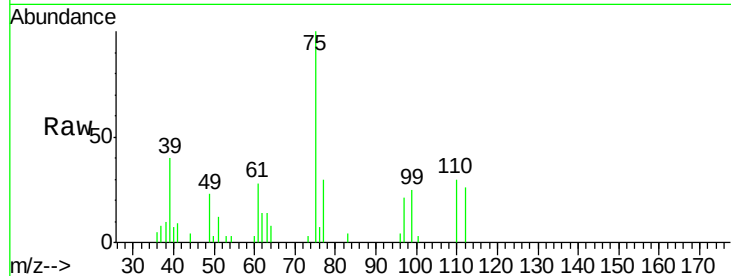
#76
1,2,3-Trichloropropane
Concen: 1.04 ug/l m
RT: 11.30 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion: 75 Resp: 3263
Ion Ratio Lower Upper
75 100
77 36.3 21.4 64.2

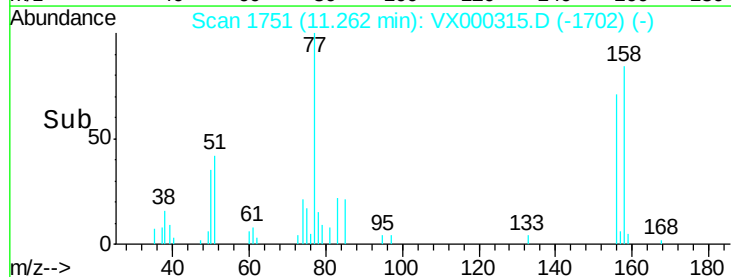
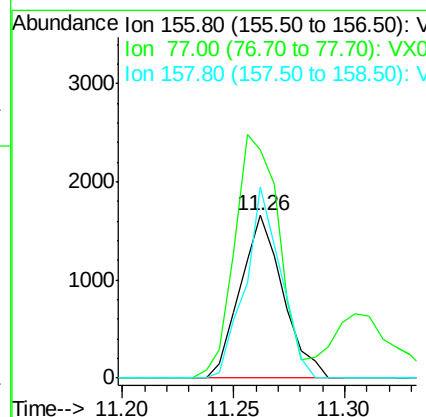
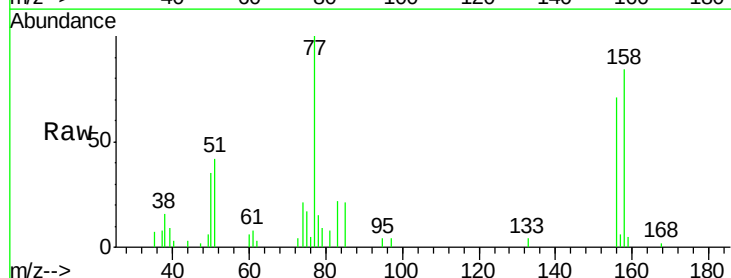
Manual Integrations
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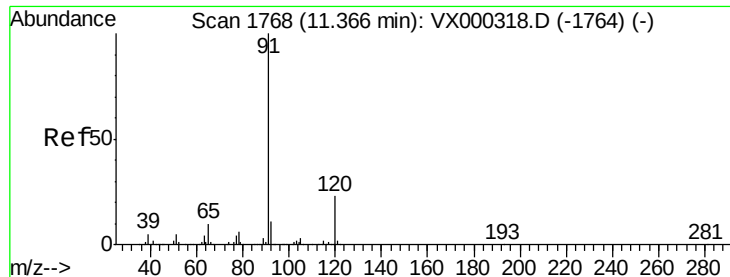
sam
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#77
Bromobenzene
Concen: 1.06 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

Tgt Ion: 156 Resp: 2216
Ion Ratio Lower Upper
156 100
77 158.5 73.4 220.2
158 98.0 48.5 145.6





#78

n-propylbenzene

Concen: 1.19 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 10310

Ion Ratio Lower Upper

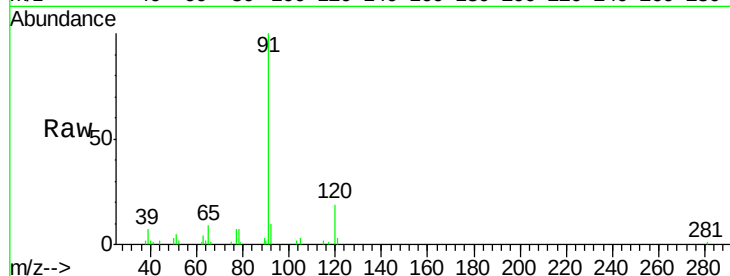
91 100

120 22.9 11.8 35.3

Manual Integrations
APPROVED

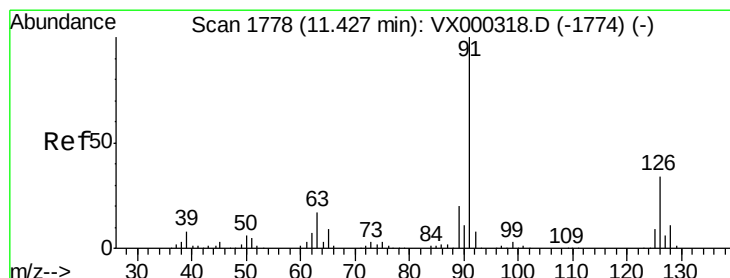
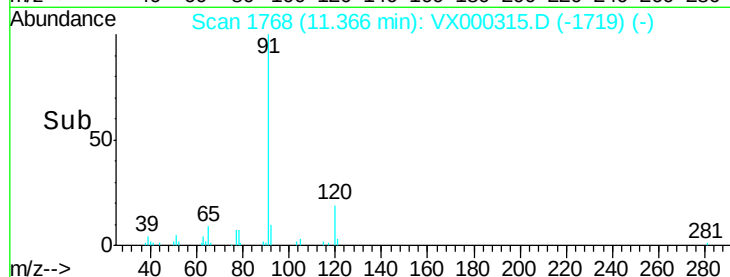
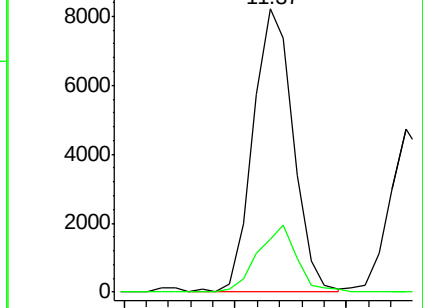
sam

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 1.18 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000315.D

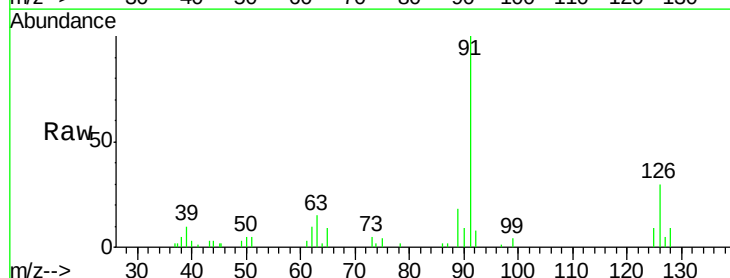
Acq: 14 Mar 2018 16:00

Tgt Ion: 91 Resp: 5879

Ion Ratio Lower Upper

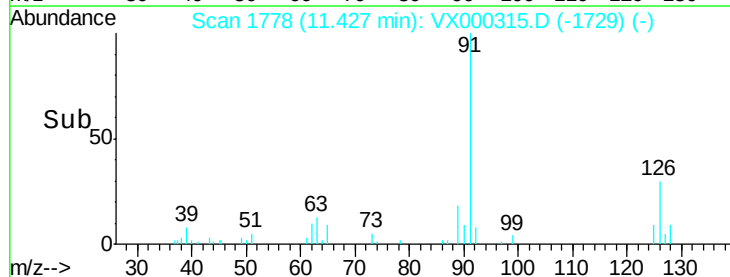
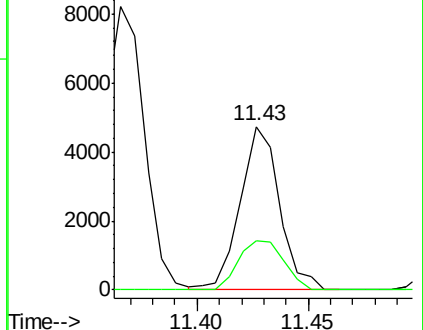
91 100

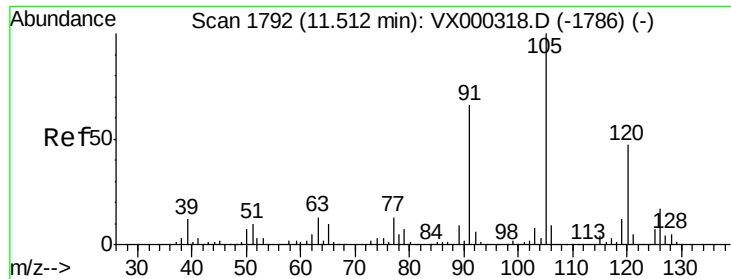
126 34.4 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





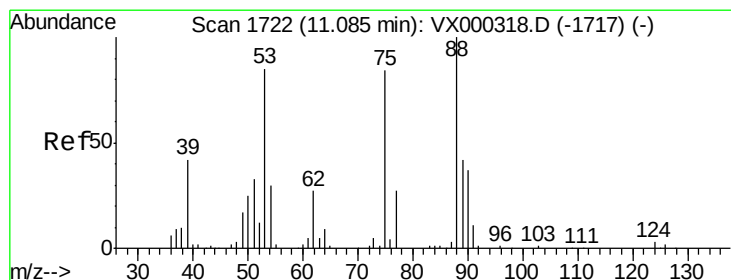
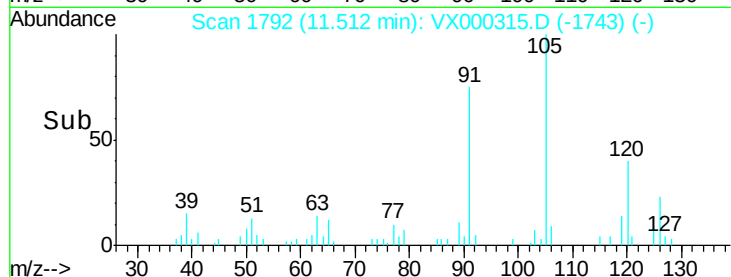
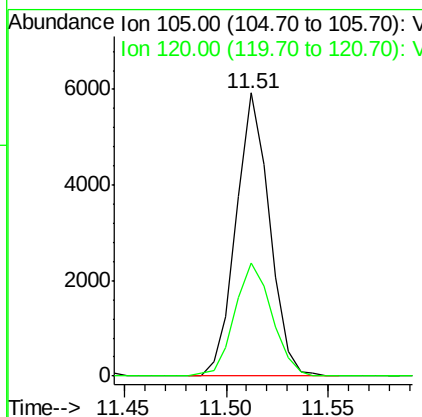
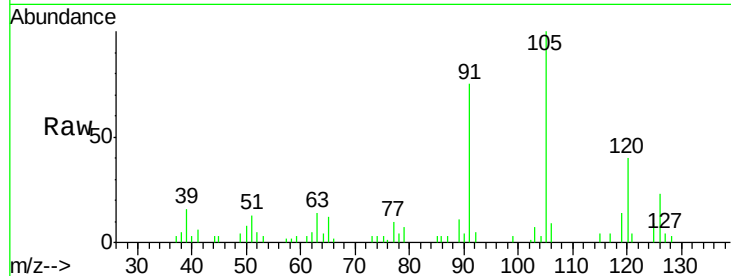
#80
 1,3,5-Trimethylbenzene
 Concen: 1.07 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX000315.D
 Acq: 14 Mar 2018 16:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:105 Resp: 6736
 Ion Ratio Lower Upper
 105 100
 120 44.4 24.1 72.4

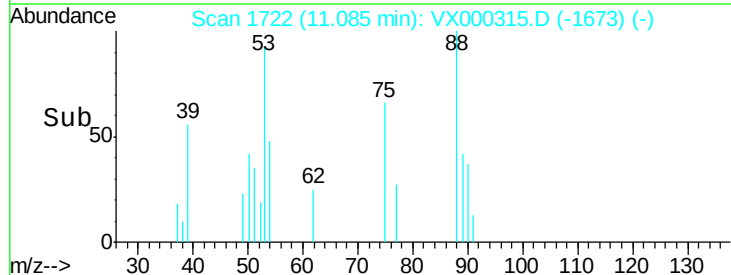
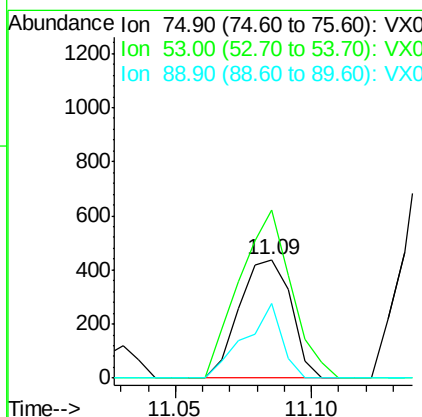
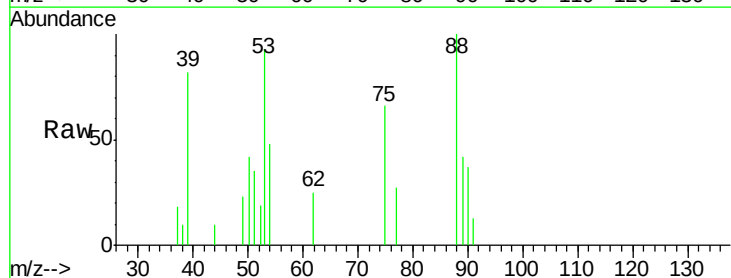
Manual Integrations
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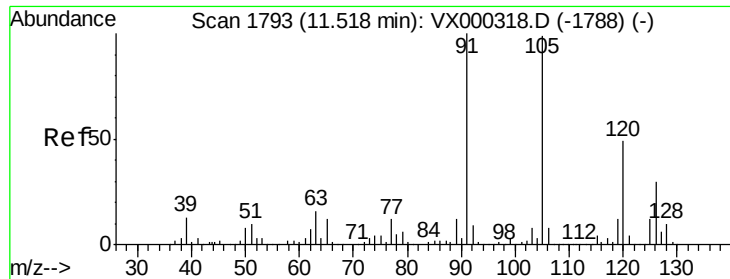
sam
 3/15/2018 3:36:51 PM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 0.63 ug/l
 RT: 11.09 min Scan# 1722
 Delta R.T. 0.00 min
 Lab File: VX000315.D
 Acq: 14 Mar 2018 16:00

Tgt Ion: 75 Resp: 576
 Ion Ratio Lower Upper
 75 100
 53 142.9 80.7 121.1#
 89 45.3 39.4 59.0





#82

4-Chlorotoluene

Concen: 1.18 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 91 Resp: 7154

Ion Ratio Lower Upper

91 100

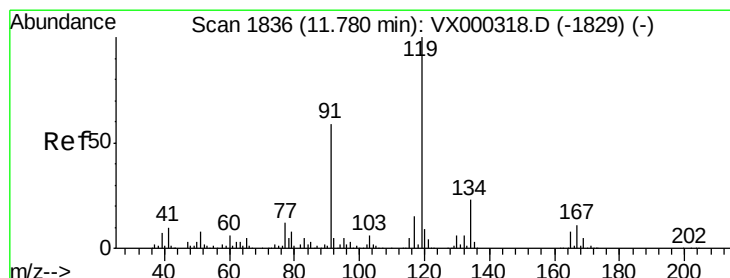
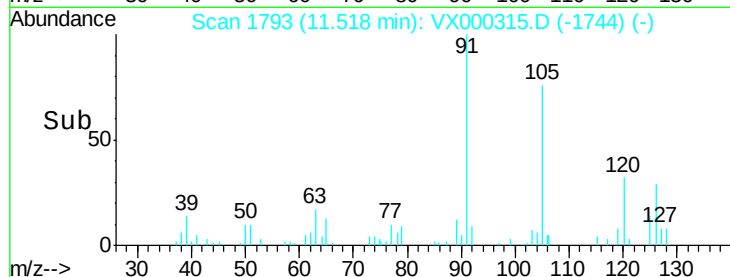
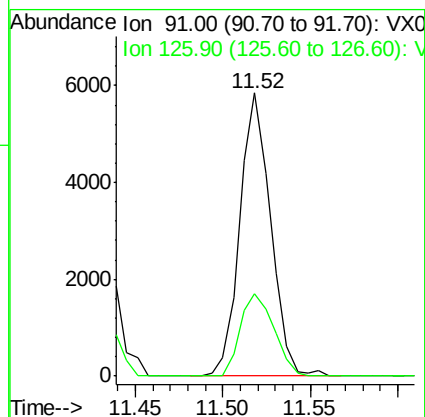
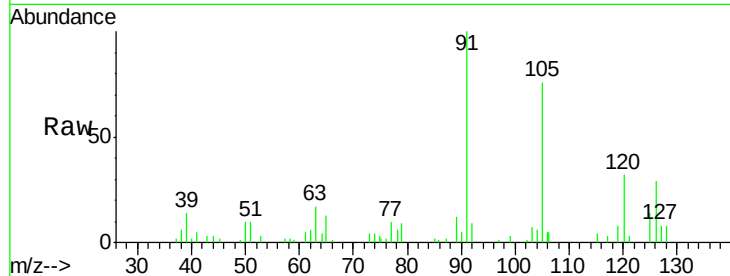
126 31.7 15.4 46.1

Manual Integrations

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sam

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#83

tert-Butylbenzene

Concen: 1.01 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.01 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

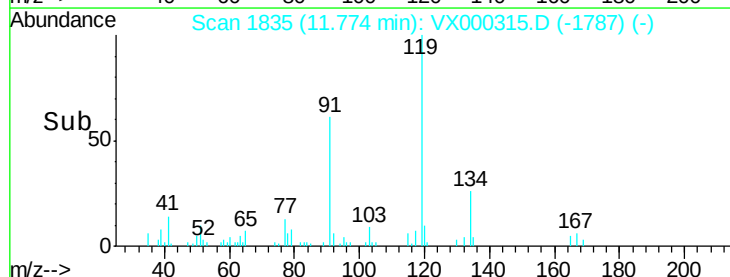
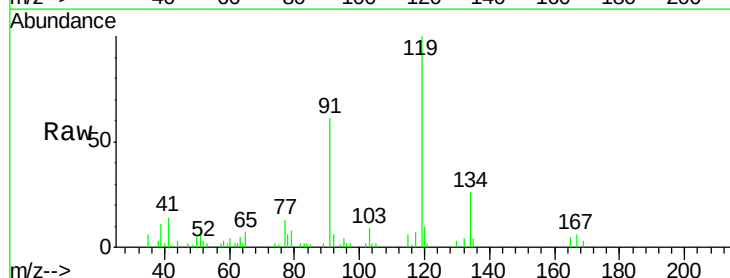
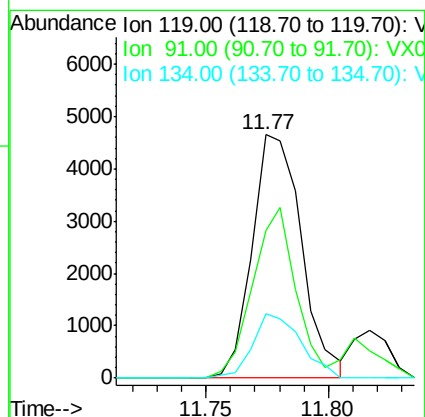
Tgt Ion: 119 Resp: 6524

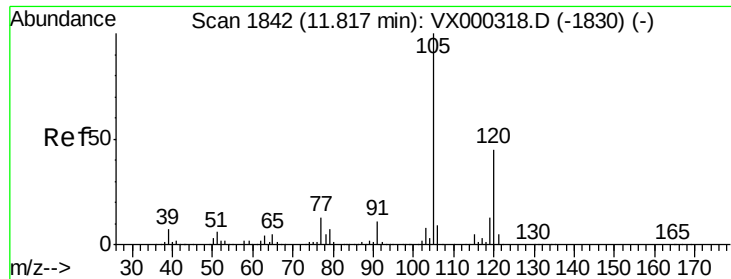
Ion Ratio Lower Upper

119 100

91 61.1 28.8 86.4

134 25.7 11.4 34.1





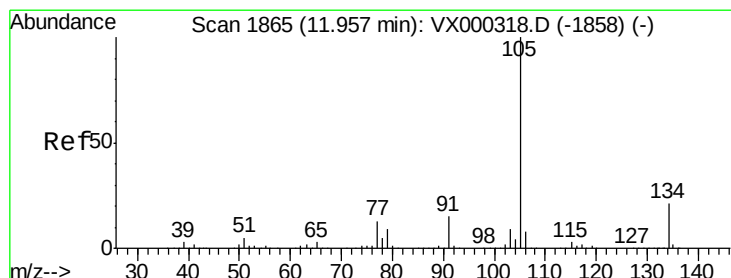
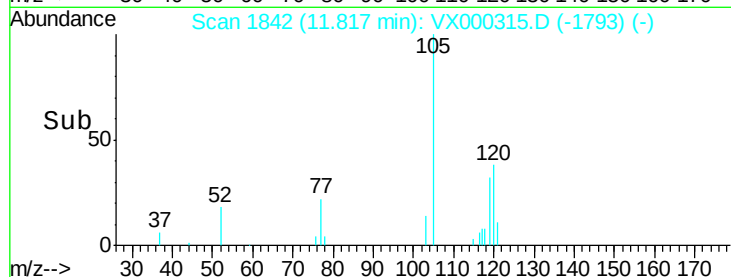
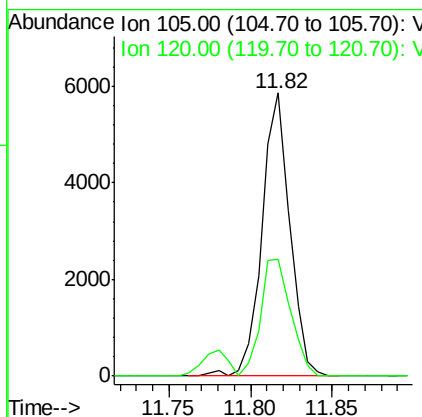
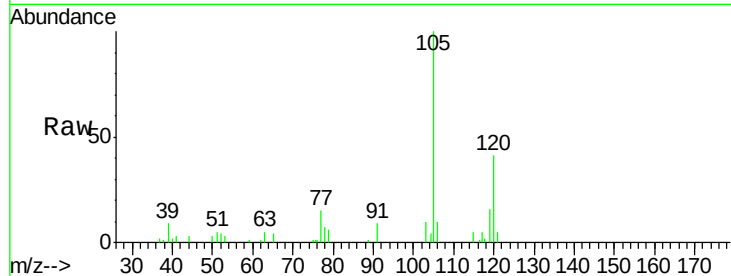
#84
 1,2,4-Trimethylbenzene
 Concen: 1.06 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000315.D
 Acq: 14 Mar 2018 16:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:105 Resp: 6935
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.4 67.3

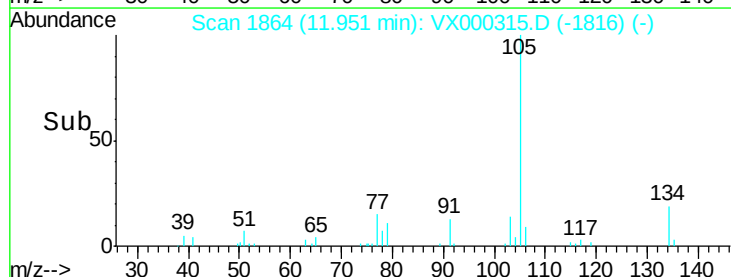
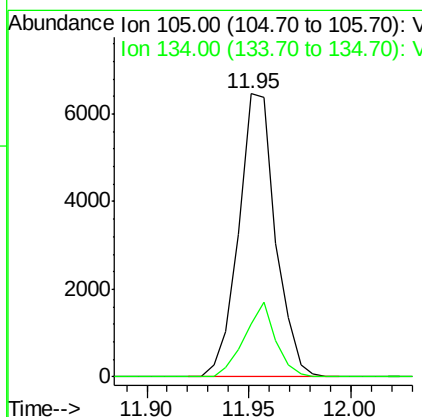
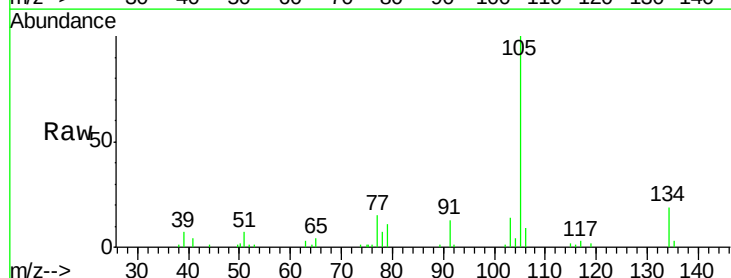
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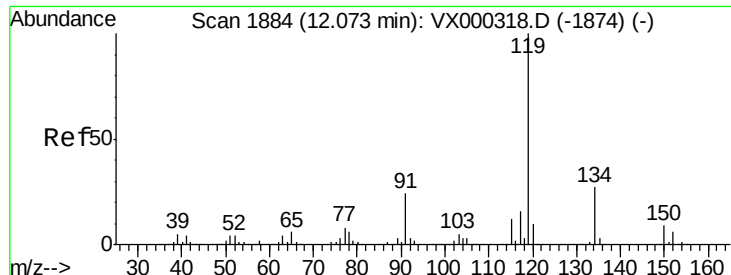
sam
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#85
 sec-Butylbenzene
 Concen: 1.04 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: VX000315.D
 Acq: 14 Mar 2018 16:00

Tgt Ion:105 Resp: 8106
 Ion Ratio Lower Upper
 105 100
 134 22.2 10.3 30.8





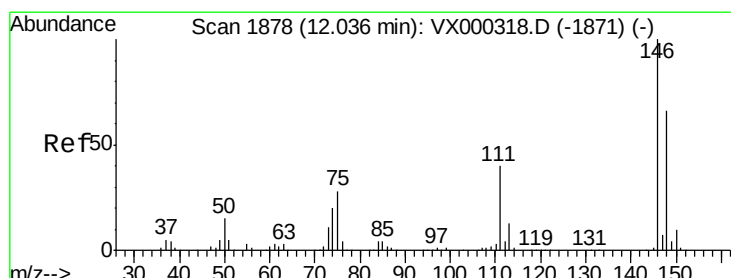
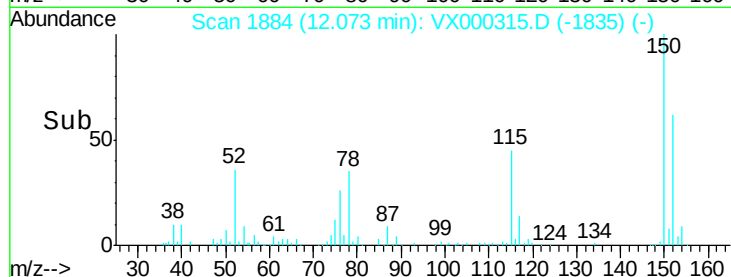
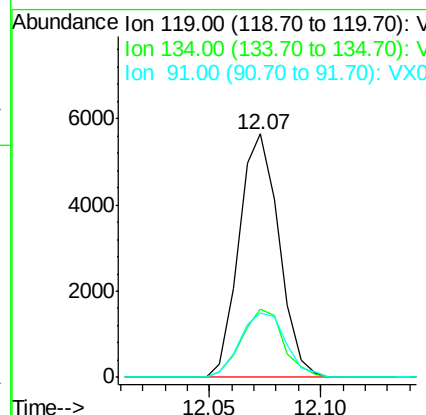
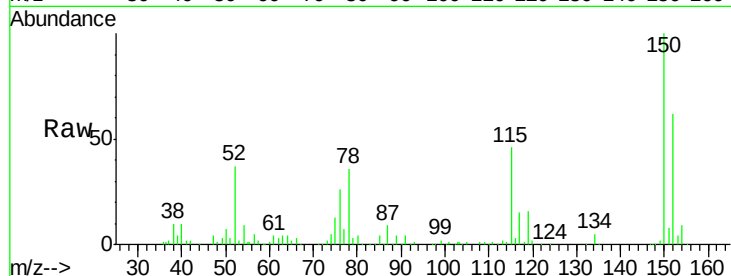
#86
 p-Isopropyltoluene
 Concen: 0.97 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000315.D
 Acq: 14 Mar 2018 16:00

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
134	29.4	13.3	39.9
91	30.7	12.0	36.1

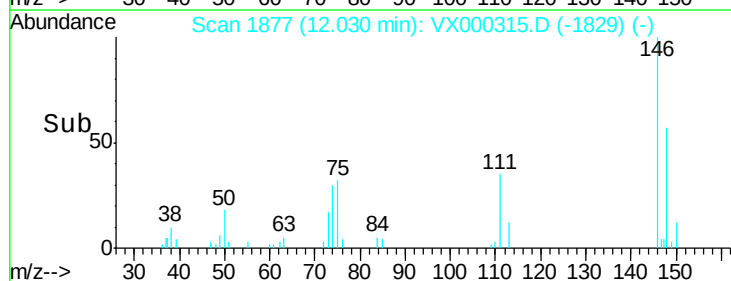
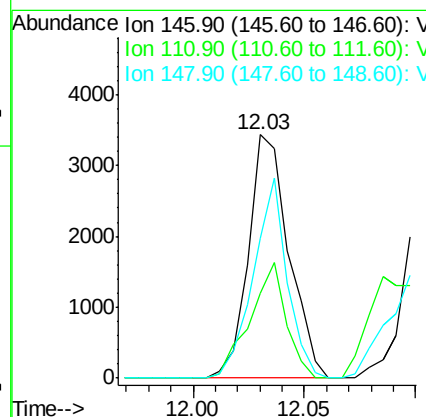
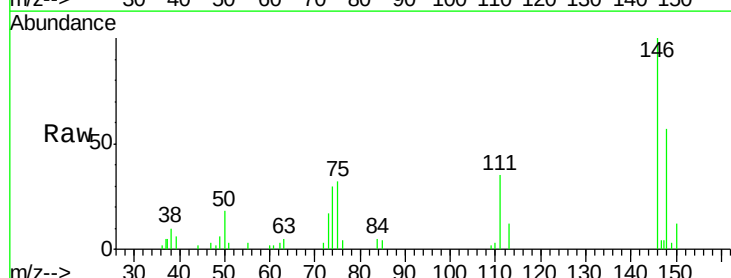
Manual Integrations
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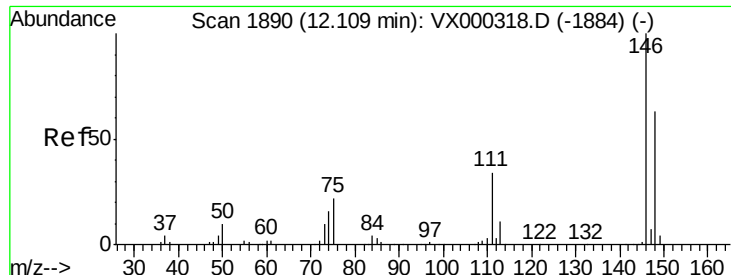
sam
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#87
 1,3-Dichlorobenzene
 Concen: 1.08 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.01 min
 Lab File: VX000315.D
 Acq: 14 Mar 2018 16:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.2	19.5	58.5
148	68.5	32.4	97.0





#88

1,4-Dichlorobenzene

Concen: 1.05 ug/l m

RT: 12.10 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Instrument :

MSVOA_X

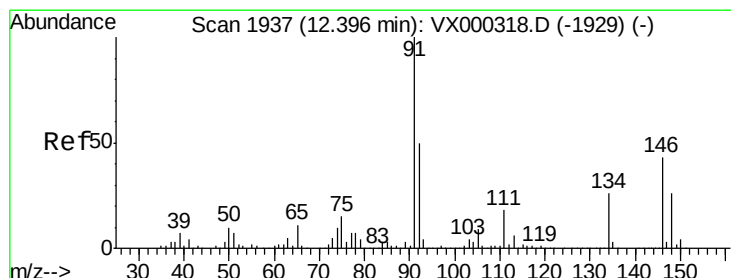
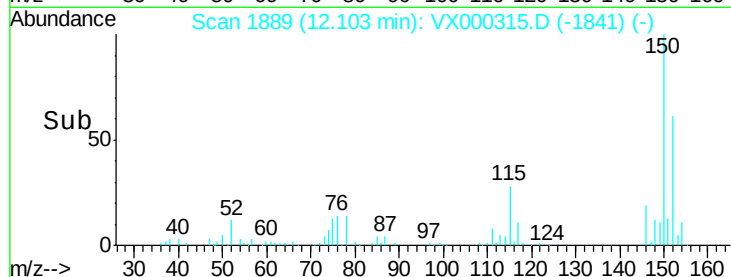
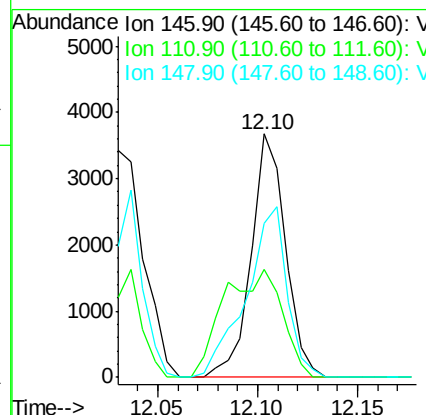
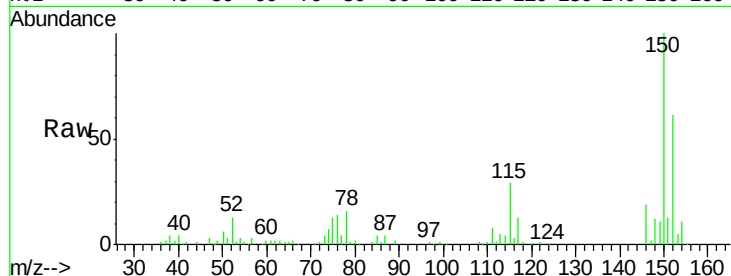
ClientSampleId :

VSTDIC001

Tot Ion:	146	Resp:	4411
Ion	Ratio	Lower	Upper
146	100		
111	41.6	18.9	56.9
148	67.6	31.0	93.0

Manual Integrations
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sam
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#89

n-Butylbenzene

Concen: 1.13 ug/l

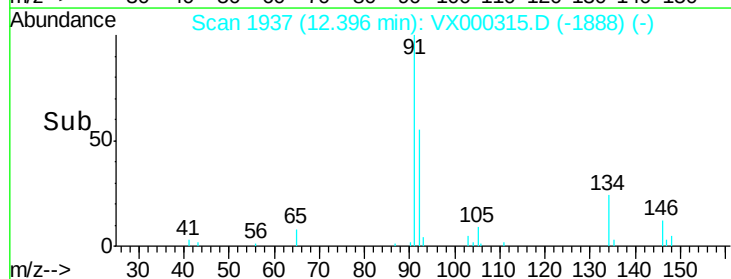
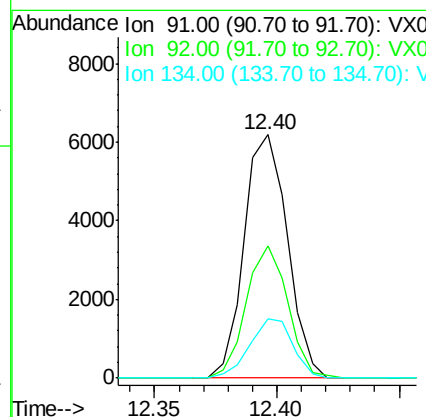
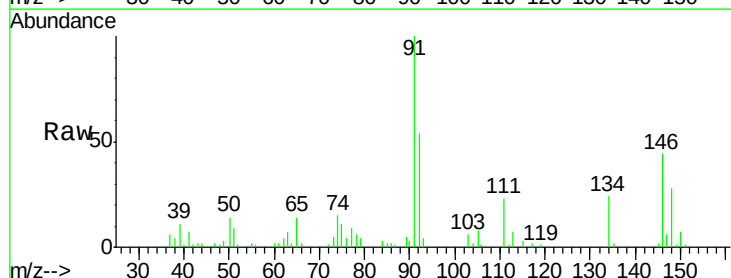
RT: 12.40 min Scan# 1937

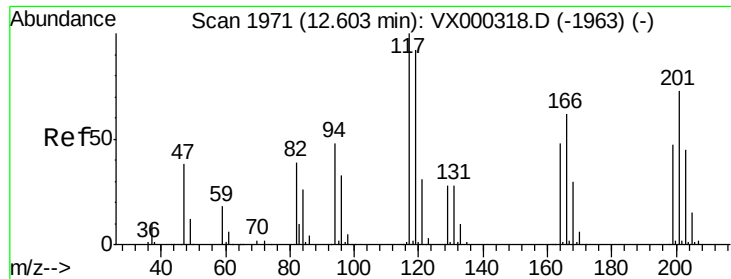
Delta R.T. 0.00 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Tgt Ion:	91	Resp:	7577
Ion	Ratio	Lower	Upper
91	100		
92	52.3	25.9	77.8
134	24.5	13.1	39.3





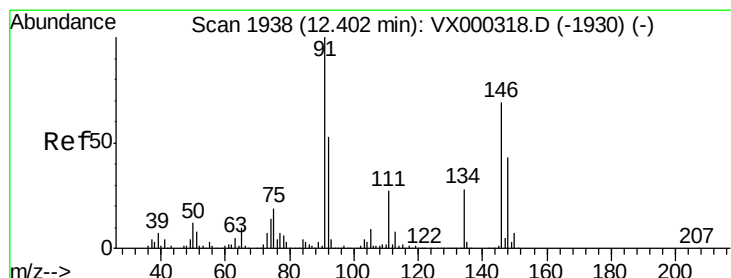
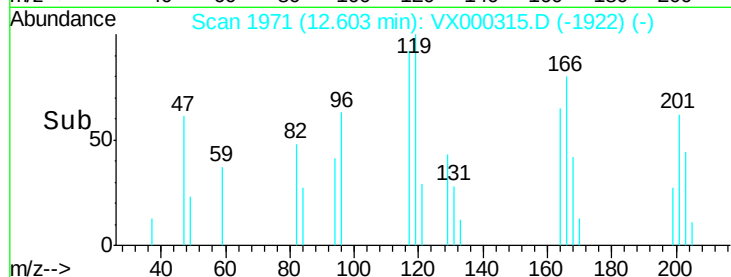
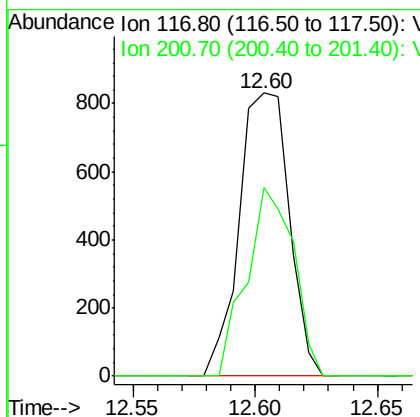
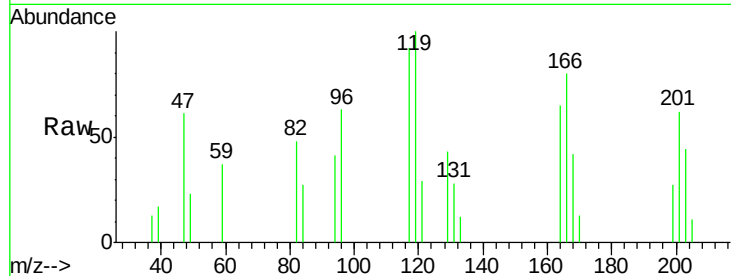
#90
Hexachloroethane
Concen: 1.01 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:117 Resp: 1180
Ion Ratio Lower Upper
117 100
201 62.8 37.9 113.6

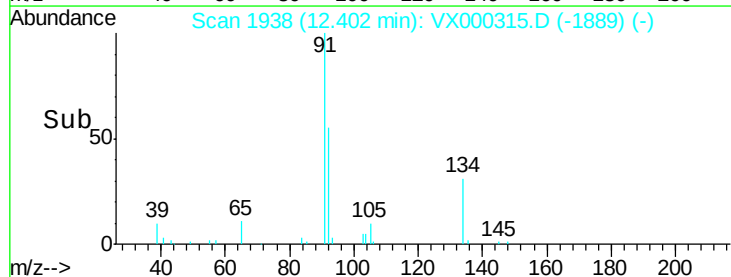
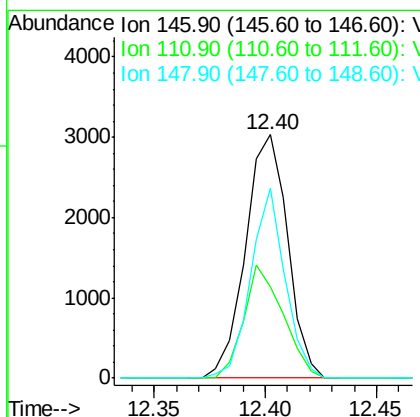
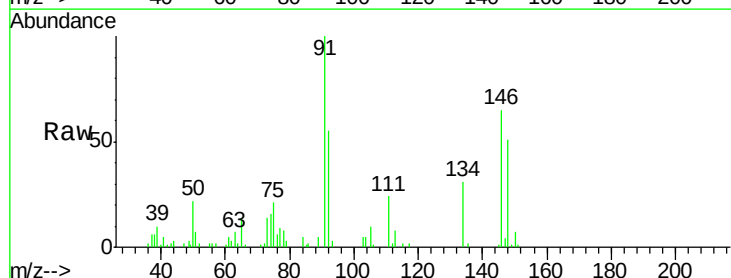
Manual Integrations
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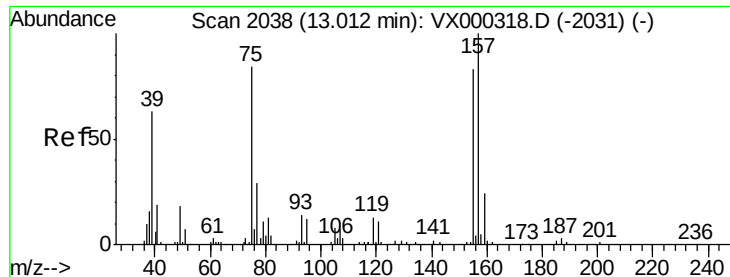
sam
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#91
1,2-Dichlorobenzene
Concen: 1.02 ug/l
RT: 12.40 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VX000315.D
Acq: 14 Mar 2018 16:00

Tgt Ion:146 Resp: 3998
Ion Ratio Lower Upper
146 100
111 42.9 20.1 60.2
148 64.0 31.2 93.6





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.96 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.01 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Instrument :

MSVOA_X

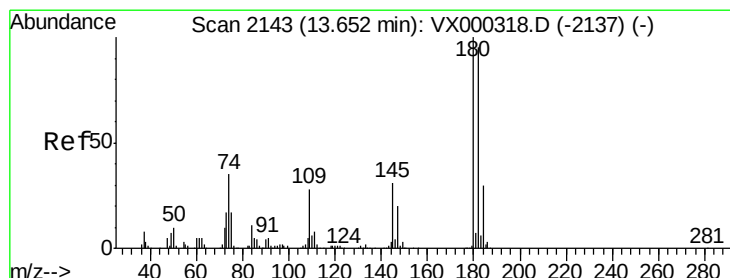
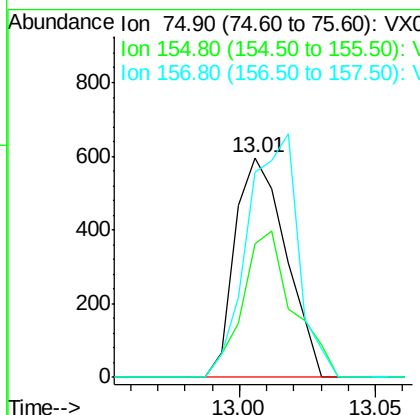
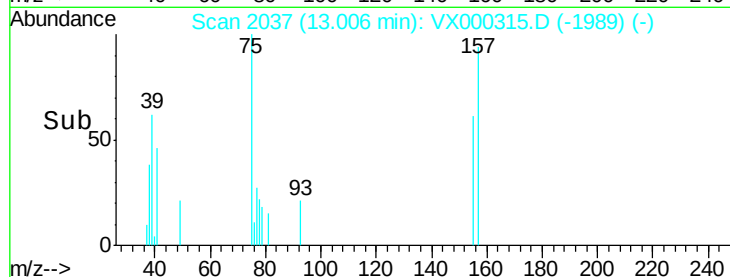
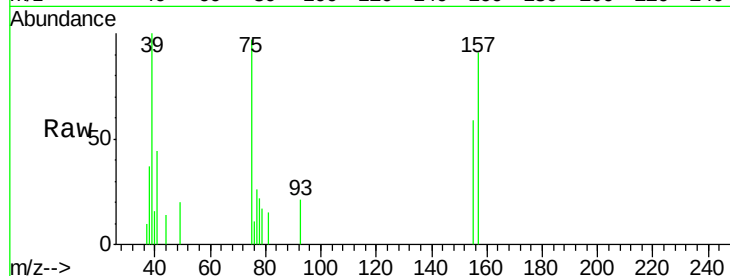
ClientSampled :

VSTDIC001

Tot Ion:	75	Resp:	771
Ion	Ratio	Lower	Upper
75	100		
155	66.4	45.0	134.8
157	110.2	58.1	174.2

Manual Integrations
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#93

1,2,4-Trichlorobenzene

Concen: 0.86 ug/l

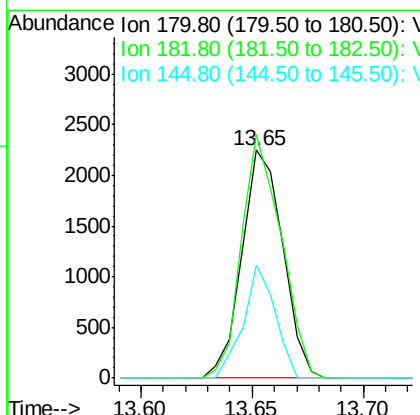
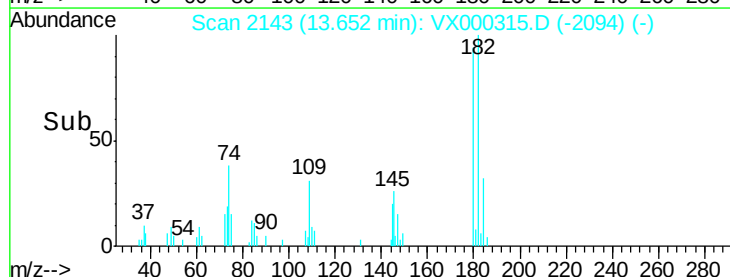
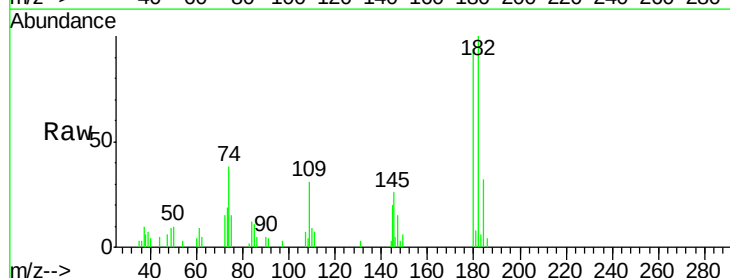
RT: 13.65 min Scan# 2143

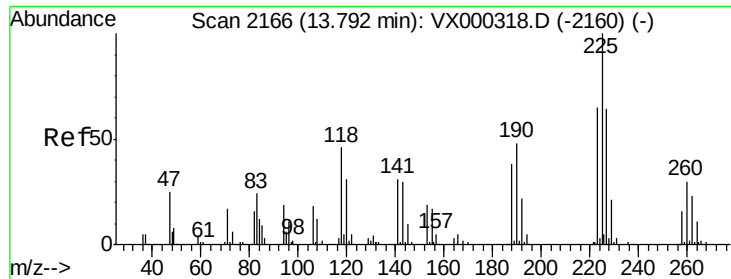
Delta R.T. 0.00 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Tgt Ion:	180	Resp:	2892
Ion	Ratio	Lower	Upper
180	100		
182	103.2	47.6	142.9
145	38.4	15.1	45.3





#94

Hexachlorobutadiene

Concen: 0.68 ug/l

RT: 13.79 min Scan# 2166

Delta R.T. 0.00 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Instrument :

MSVOA_X

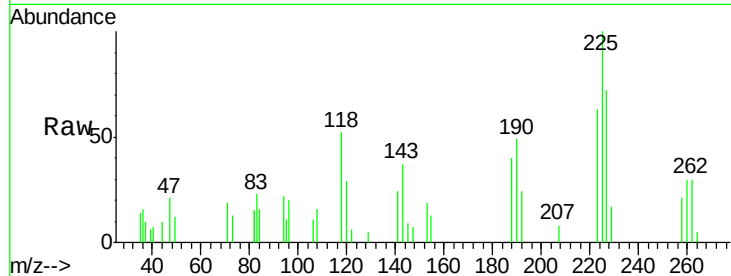
ClientSampleId :

VSTDIC001

Tot Ion:	225	Resp:	1212
Ion Ratio	Lower	Upper	
225	100		
223	78.1	32.0	96.0
227	71.2	32.6	98.0

Manual Integrations
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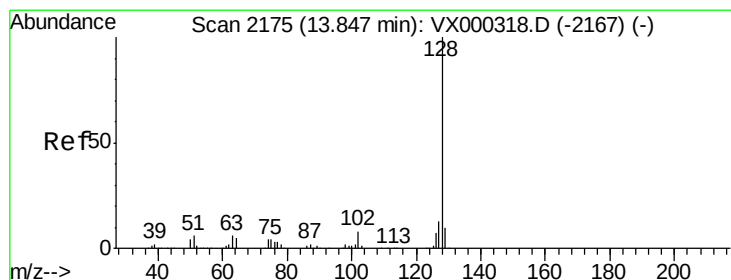
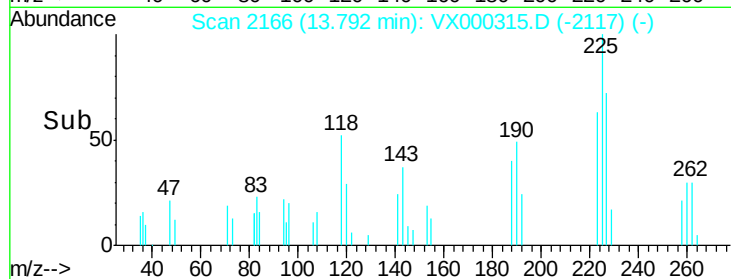
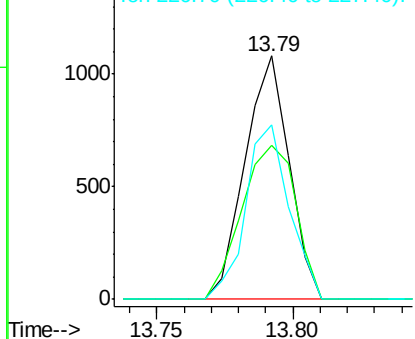


Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 0.95 ug/l

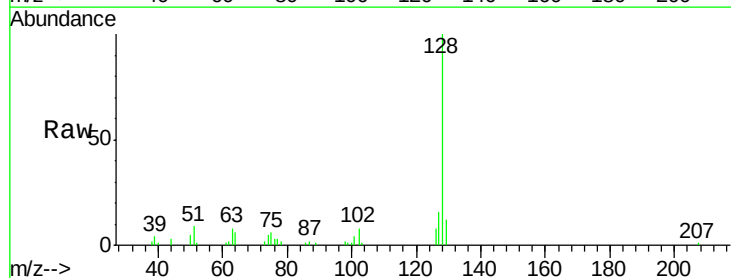
RT: 13.84 min Scan# 2174

Delta R.T. -0.01 min

Lab File: VX000315.D

Acq: 14 Mar 2018 16:00

Tgt Ion:	128	Resp:	9407
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.6	15.8
129	11.3	8.9	13.3

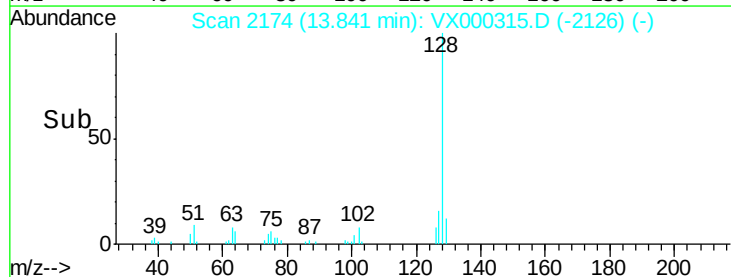
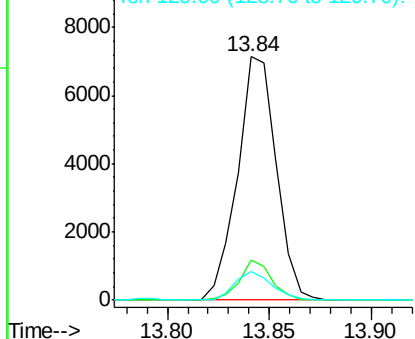


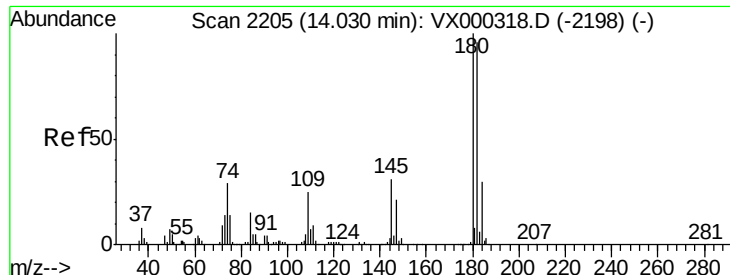
Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 0.95 ug/l
 RT: 14.03 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: VX000315.D
 Acq: 14 Mar 2018 16:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:	180	Resp:	3123
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.4	142.3
145	28.8	15.8	47.3

Manual Integrations
 APPROVED

sam
 3/15/2018 3:36:51 PM

