

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032018\
 Data File : VX000371.D
 Acq On : 20 Mar 2018 20:09
 Operator : JC/MD
 Sample : VX0320WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0320WBSD01

Manual Integrations
 APPROVED

sam
 3/21/2018 11:44:26 AM

Quant Time: Mar 21 05:17:57 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 20 14:01:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	114539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	190138	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	189360	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	100207	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	79724	53.32	ug/l	0.00
Spiked Amount			Recovery	=	106.64%	
35) Dibromofluoromethane	5.51	113	60879	50.82	ug/l	0.00
Spiked Amount			Recovery	=	101.64%	
50) Toluene-d8	8.73	98	248467	50.08	ug/l	0.00
Spiked Amount			Recovery	=	100.16%	
62) 4-Bromofluorobenzene	11.15	95	90287	43.92	ug/l	0.00
Spiked Amount			Recovery	=	87.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	24073	19.07	ug/l	99
3) Chloromethane	1.32	50	26268	19.75	ug/l	98
4) Vinyl Chloride	1.41	62	29375	20.90	ug/l	100
5) Bromomethane	1.65	94	27485	16.37	ug/l	96
6) Chloroethane	1.73	64	19260	24.16	ug/l	97
7) Trichlorofluoromethane	1.93	101	52573	20.73	ug/l	98
8) Diethyl Ether	2.19	74	19230	21.22	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	28761	20.34	ug/l	98
10) Methyl Iodide	2.52	142	17007	15.37	ug/l	98
11) Tert butyl alcohol	3.07	59	53048	103.15	ug/l	99
12) 1,1-Dichloroethene	2.38	96	26869	21.64	ug/l	96
13) Acrolein	2.30	56	14304	96.61	ug/l	99
14) Allyl chloride	2.73	41	47059	21.40	ug/l	98
15) Acrylonitrile	3.15	53	108402	104.07	ug/l	99
16) Acetone	2.45	43	121173	97.42	ug/l	96
17) Carbon Disulfide	2.57	76	67828	20.55	ug/l	97
18) Methyl Acetate	2.79	43	55143	21.15	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	97380	21.21	ug/l	99
20) Methylene Chloride	2.87	84	30512	21.24	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	28383	20.49	ug/l	93
22) Diisopropyl ether	3.88	45	71939	18.54	ug/l	97
23) Vinyl Acetate	3.84	43	338530	92.01	ug/l	100
24) 1,1-Dichloroethane	3.70	63	50994	20.90	ug/l	98
25) 2-Butanone	4.71	43	137048	98.03	ug/l	100
26) 2,2-Dichloropropane	4.60	77	32754	19.15	ug/l	97
27) cis-1,2-Dichloroethene	4.61	96	26205	20.25	ug/l	98
28) Bromochloromethane	5.04	49	21326	21.19	ug/l	100
29) Tetrahydrofuran	5.18	42	84281	97.98	ug/l	100
30) Chloroform	5.23	83	45807	20.03	ug/l	98
31) Cyclohexane	5.59	56	35755	18.95	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	40664	19.71	ug/l	99
36) 1,1-Dichloropropene	5.81	75	33466	18.79	ug/l	99
37) Ethyl Acetate	4.87	43	47119	19.37	ug/l	99
38) Carbon Tetrachloride	5.79	117	34733	18.59	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	39863	18.40	ug/l	99
40) Benzene	6.15	78	101927	19.71	ug/l	99
41) Methacrylonitrile	5.07	41	24775	19.32	ug/l	99
42) 1,2-Dichloroethane	6.21	62	40321	19.87	ug/l	97
43) Isopropyl Acetate	6.48	43	70779	19.54	ug/l	99
44) Trichloroethene	7.23	130	28234	19.05	ug/l	100
45) 1,2-Dichloropropane	7.53	63	26167	19.76	ug/l	98
46) Dibromomethane	7.67	93	20348	19.58	ug/l	97
47) Bromodichloromethane	7.91	83	36357	19.89	ug/l	95
48) Methyl methacrylate	7.79	41	34753	19.77	ug/l	99
49) 1,4-Dioxane	7.77	88	13317	360.35	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	272845	97.34	ug/l	98
52) Toluene	8.79	92	68698	19.00	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	41179	19.44	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	38582	18.77	ug/l	96
55) 1,1,2-Trichloroethane	9.23	97	28432	19.12	ug/l	94
56) Ethyl methacrylate	9.19	69	40931	18.17	ug/l	93
57) 1,3-Dichloropropane	9.38	76	47624	20.02	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	106580	98.56	ug/l	100
59) 2-Hexanone	9.51	43	227232	95.47	ug/l	98
60) Dibromochloromethane	9.59	129	29499	19.50	ug/l	100
61) 1,2-Dibromoethane	9.68	107	32107	20.14	ug/l	97
64) Tetrachloroethene	9.34	164	28912	19.68	ug/l	97
65) Chlorobenzene	10.15	112	80001	18.98	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	27602	19.29	ug/l	99
67) Ethyl Benzene	10.26	91	136047	19.04	ug/l	99
68) m/p-Xylenes	10.37	106	106206	37.78	ug/l	97
69) o-Xylene	10.71	106	51452	18.90	ug/l	99
70) Styrene	10.72	104	83221	18.48	ug/l	100
71) Bromoform	10.87	173	21727	17.95	ug/l #	100
73) Isopropylbenzene	11.02	105	139498	21.01	ug/l	99
74) N-amyl acetate	6.48	43	70779	22.66	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	49494	21.08	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	46605m	21.64	ug/l	
77) Bromobenzene	11.26	156	35965	20.33	ug/l	99
78) n-propylbenzene	11.37	91	159810	20.19	ug/l	99
79) 2-Chlorotoluene	11.43	91	90920	19.88	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	114521	20.51	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	13041	19.61	ug/l	93
82) 4-Chlorotoluene	11.52	91	109093	19.98	ug/l	100
83) tert-Butylbenzene	11.78	119	112904	20.05	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	116769	19.95	ug/l	98
85) sec-Butylbenzene	11.96	105	141316	20.28	ug/l	100
86) p-Isopropyltoluene	12.07	119	124458	20.12	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	65138	19.48	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	66511	18.94	ug/l	97
89) n-Butylbenzene	12.40	91	111392	19.34	ug/l	99
90) Hexachloroethane	12.60	117	19507	20.03	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	66953	20.42	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	12866	19.64	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	46257	19.68	ug/l	98
94) Hexachlorobutadiene	13.79	225	19284	19.81	ug/l	98
95) Naphthalene	13.84	128	168738	20.61	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	45688	19.67	ug/l	97

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

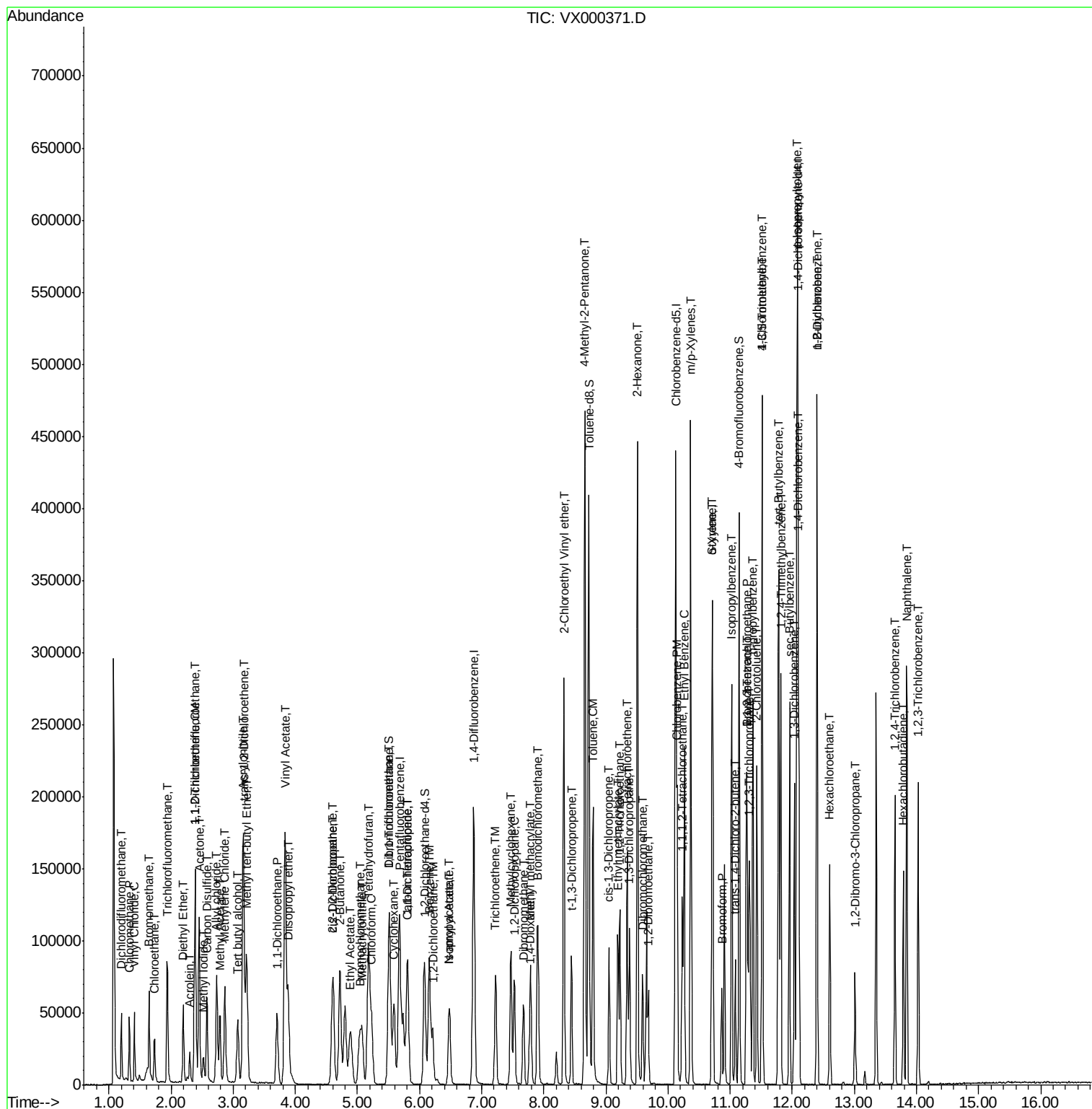
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Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032018\  
Data File : VX000371.D  
Acq On    : 20 Mar 2018  20:09  
Operator  : JC/MD  
Sample    : VX0320WBSD01  
Misc      : 5.0mL/MSVOA X/WATER  
ALS Vial  : 19      Sample Multiplier: 1
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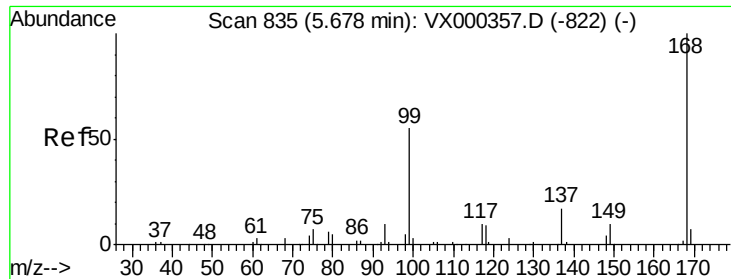
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01

Manual Integrations APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000371.D

Acq: 20 Mar 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

VX0320WBSD01

Tot Ion:168 Resp: 114539

Ion Ratio Lower Upper

168 100

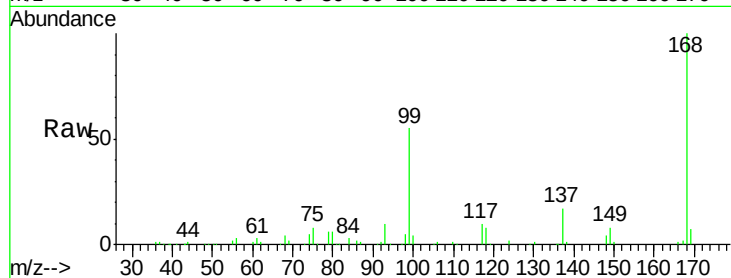
99 55.2 45.8 68.6

Manual Integrations

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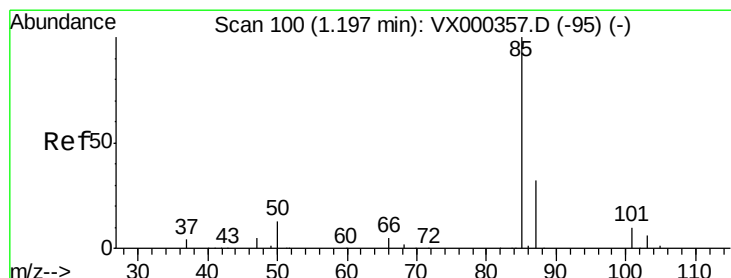
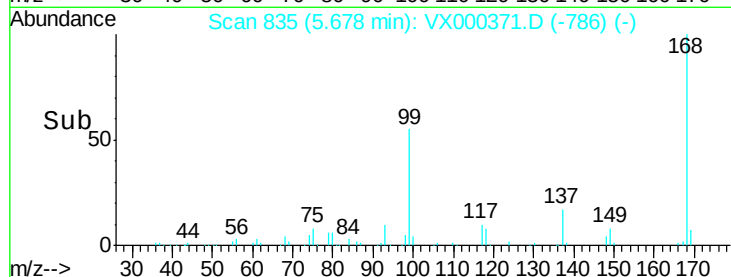
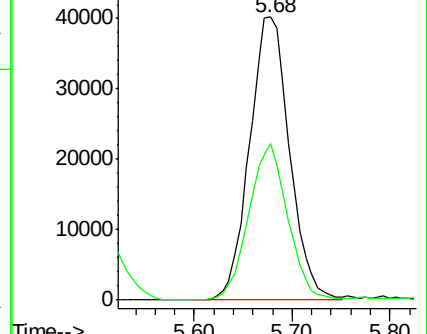
sam

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.07 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000371.D

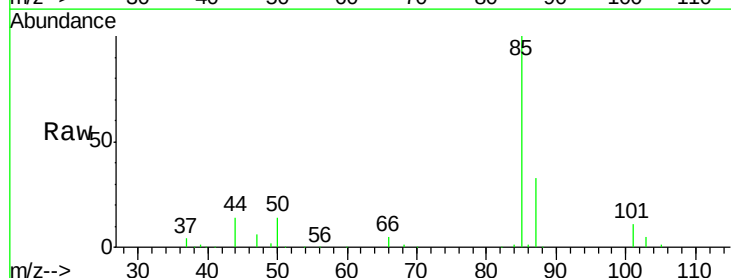
Acq: 20 Mar 2018 20:09

Tgt Ion: 85 Resp: 24073

Ion Ratio Lower Upper

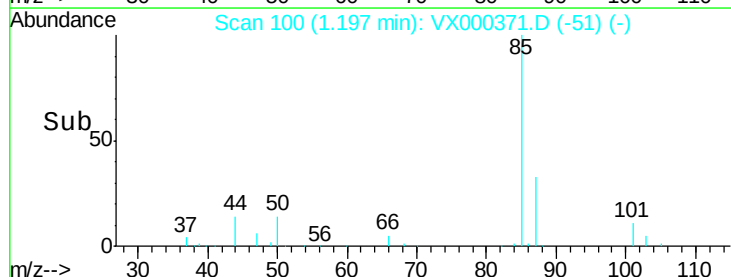
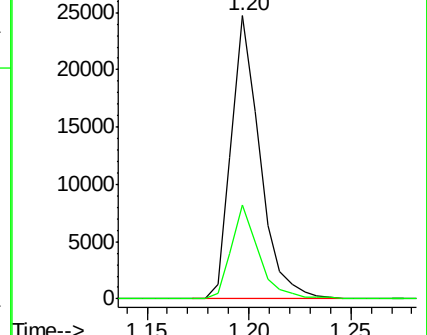
85 100

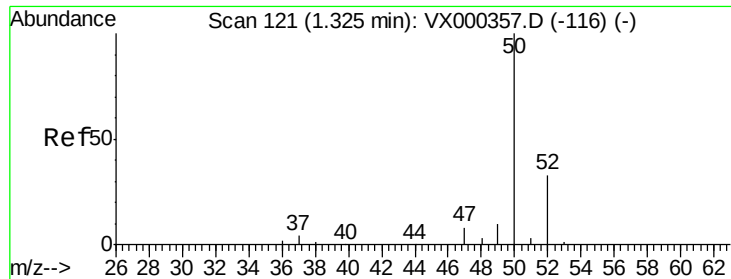
87 33.2 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.75 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000371.D

Acq: 20 Mar 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

VX0320WBSD01

Tot Ion: 50 Resp: 26268

Ion Ratio Lower Upper

50 100

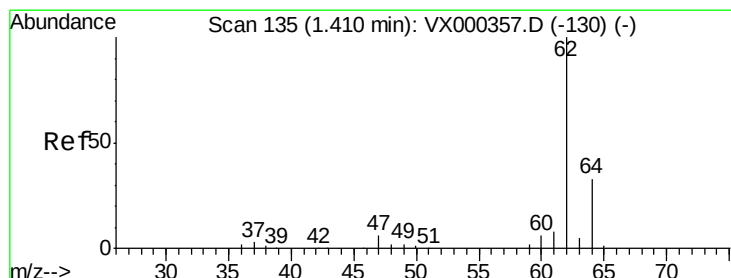
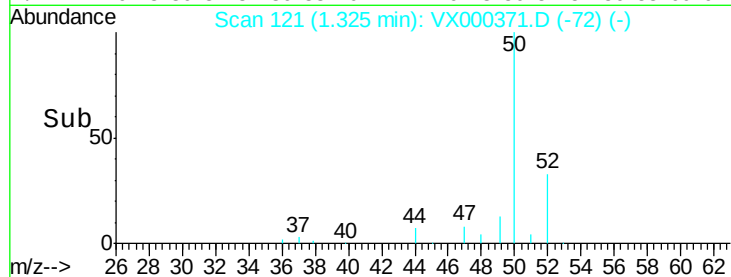
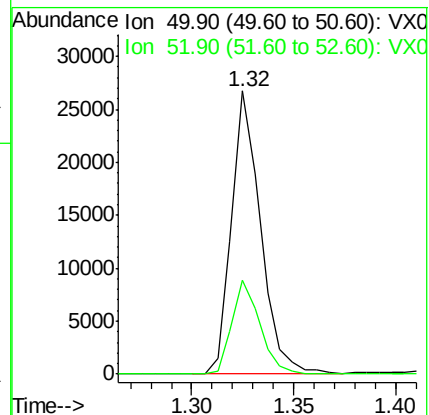
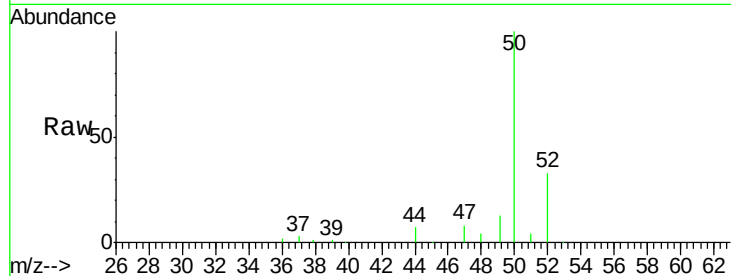
52 33.0 27.5 41.3

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#4

Vinyl Chloride

Concen: 20.90 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000371.D

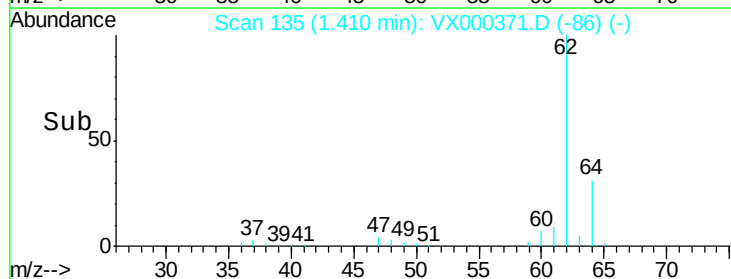
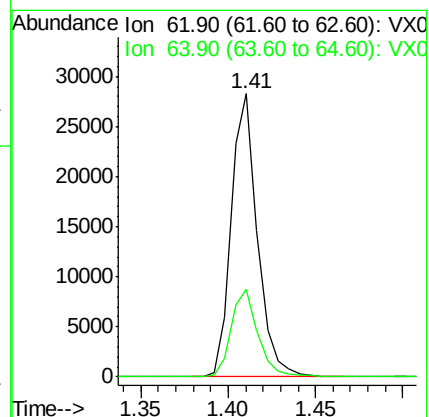
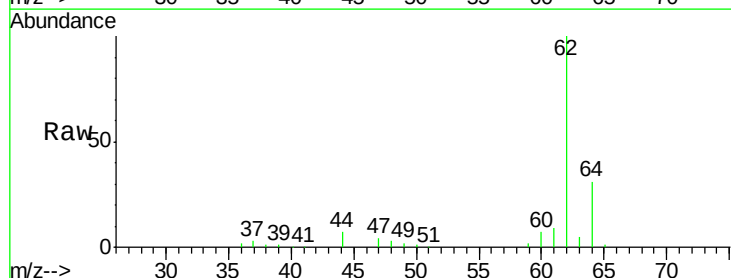
Acq: 20 Mar 2018 20:09

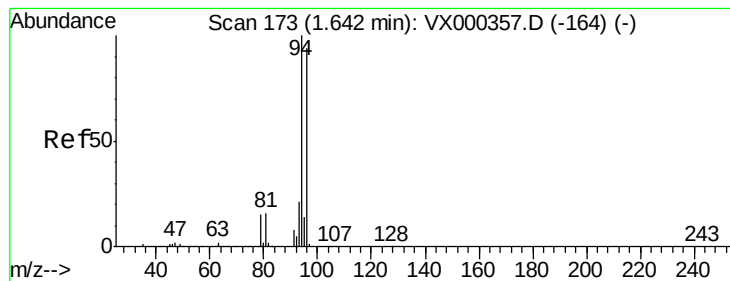
Tgt Ion: 62 Resp: 29375

Ion Ratio Lower Upper

62 100

64 31.1 24.8 37.2





#5

Bromomethane

Concen: 16.37 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000371.D

Acq: 20 Mar 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

VX0320WBSD01

Tot Ion: 94 Resp: 27485

Ion Ratio Lower Upper

94 100

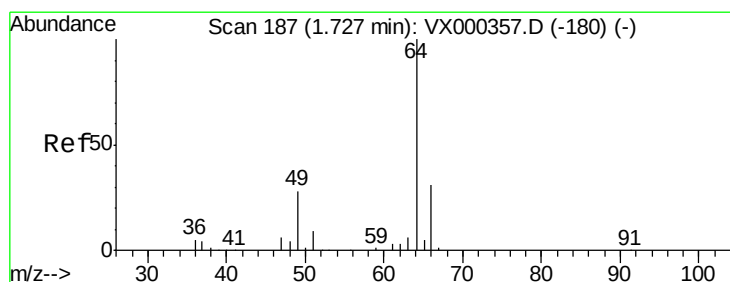
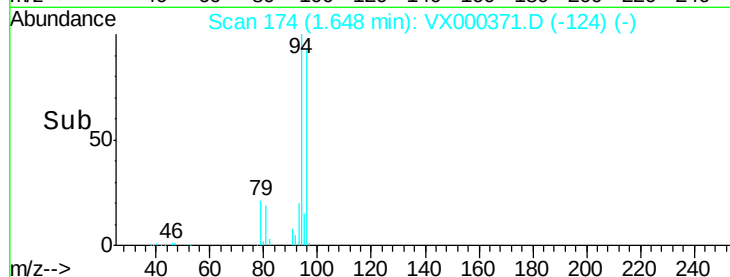
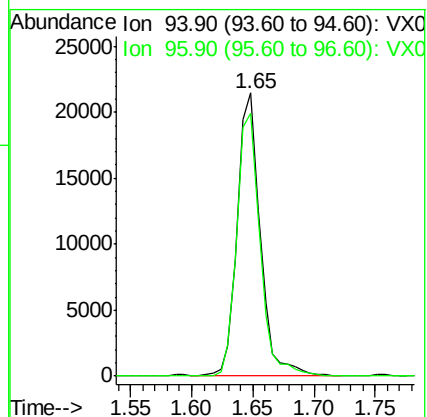
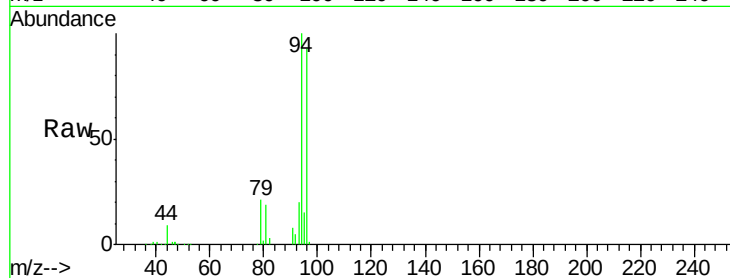
96 93.3 77.7 116.5

Manual Integrations

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#6

Chloroethane

Concen: 24.16 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000371.D

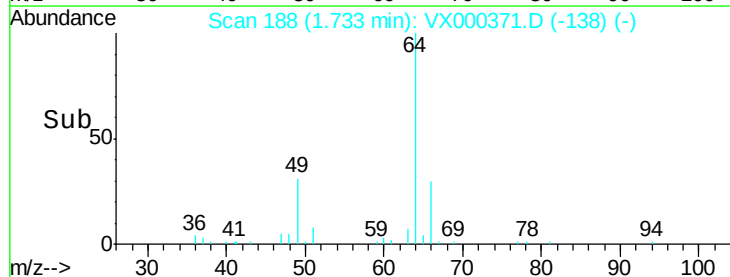
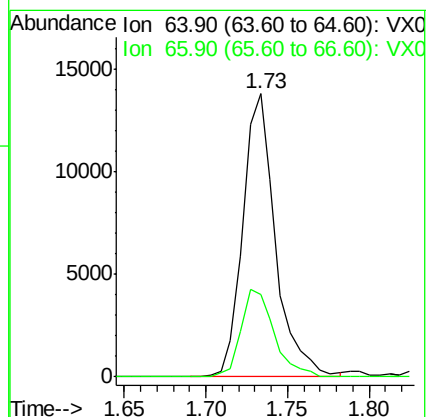
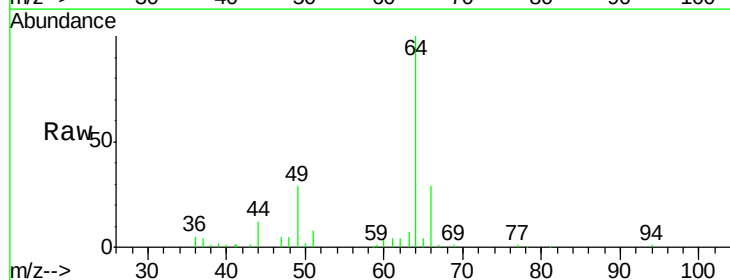
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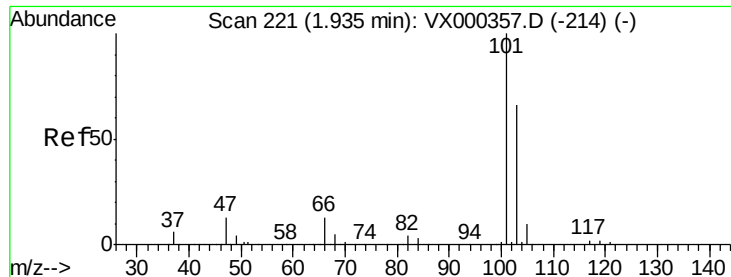
Tgt Ion: 64 Resp: 19260

Ion Ratio Lower Upper

64 100

66 29.2 24.8 37.2





#7

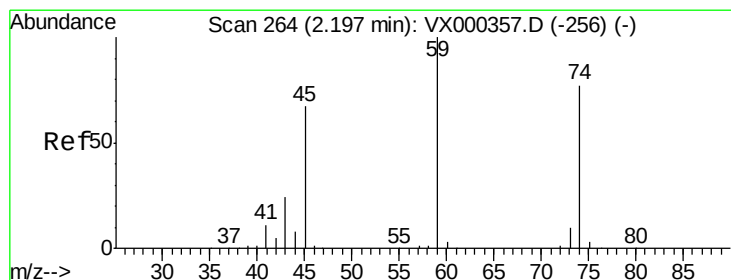
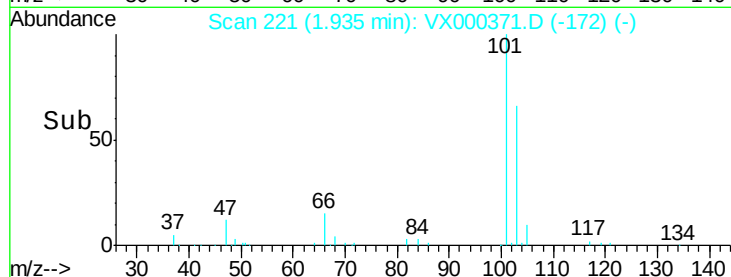
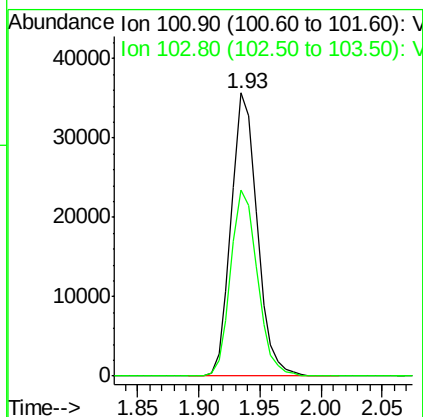
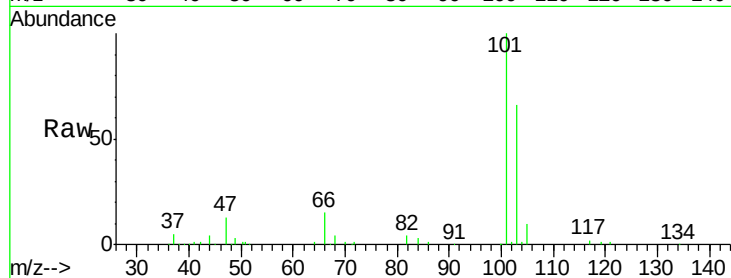
Trichlorofluoromethane
Concen: 20.73 ug/l
RT: 1.93 min Scan# 221
Delta R.T. -0.00 min
Lab File: VX000371.D
Acq: 20 Mar 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01

Tot Ion:101 Resp: 52573
Ion Ratio Lower Upper
101 100
103 65.7 51.6 77.4

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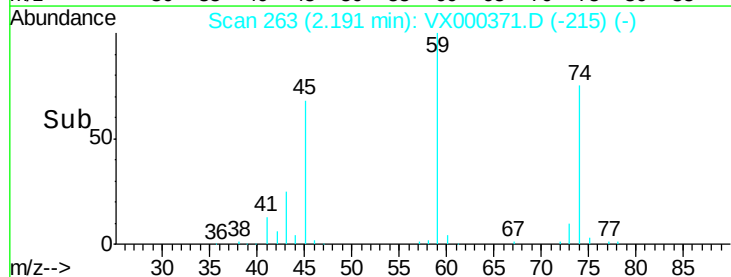
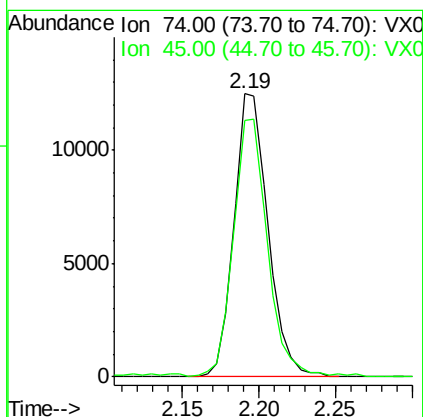
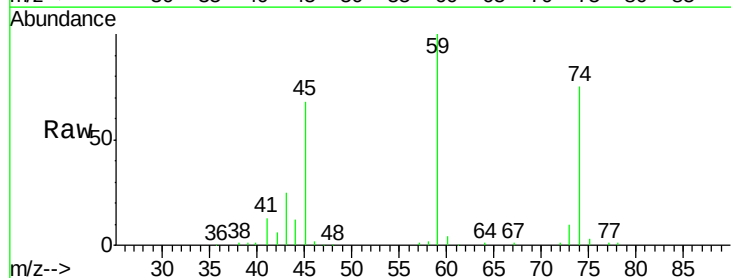
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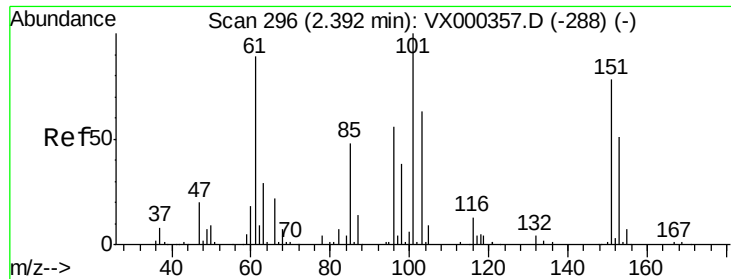


#8

Diethyl Ether
Concen: 21.22 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX000371.D
Acq: 20 Mar 2018 20:09

Tgt Ion: 74 Resp: 19230
Ion Ratio Lower Upper
74 100
45 92.0 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.34 ug/l

RT: 2.39 min Scan# 296

Delta R.T. -0.00 min

Lab File: VX000371.D

Acq: 20 Mar 2018 20:09

Instrument :

MSVOA_X

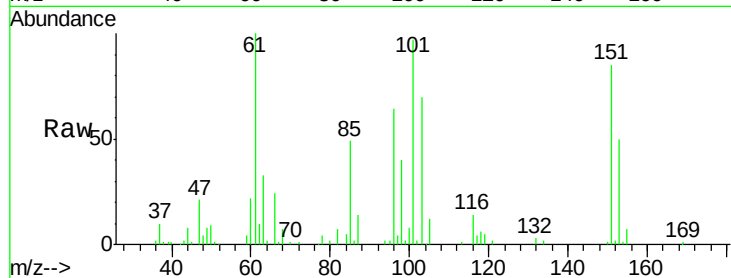
ClientSampleId :

VX0320WBSD01

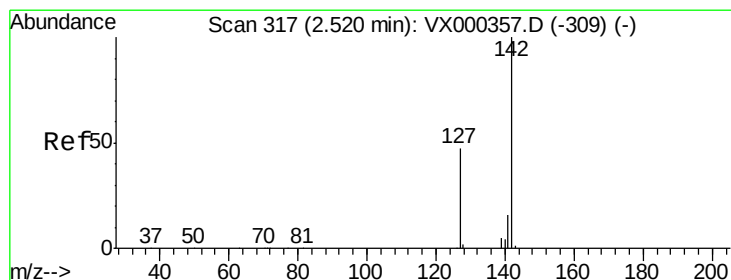
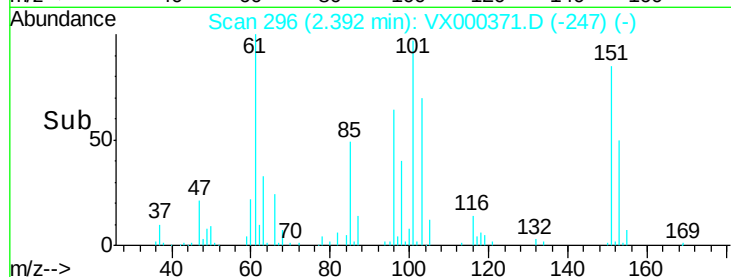
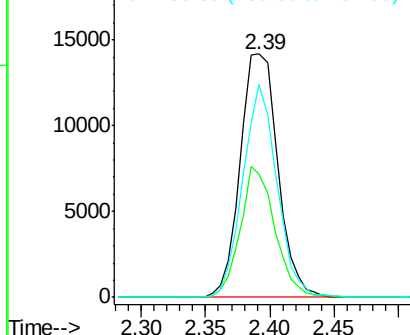
Tot Ion:	101	Resp:	28761
Ion Ratio	Lower	Upper	
101	100		
85	49.2	37.6	56.4
151	79.0	62.6	93.8

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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



#10

Methyl Iodide

Concen: 15.37 ug/l

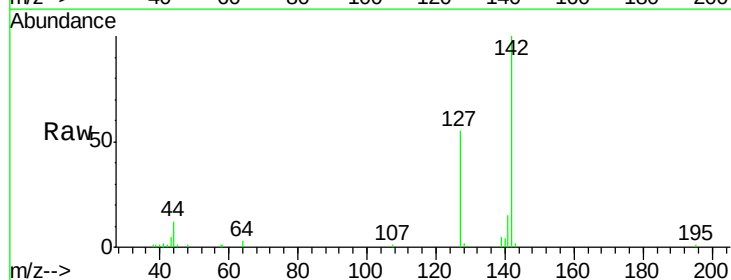
RT: 2.52 min Scan# 317

Delta R.T. 0.00 min

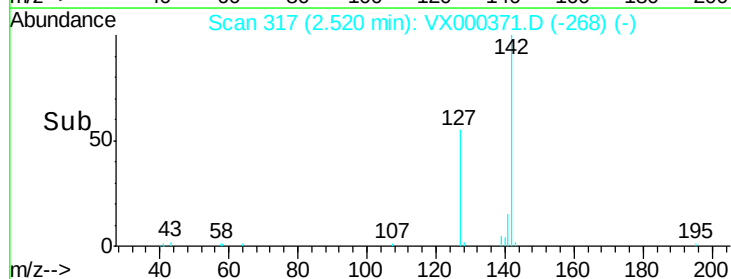
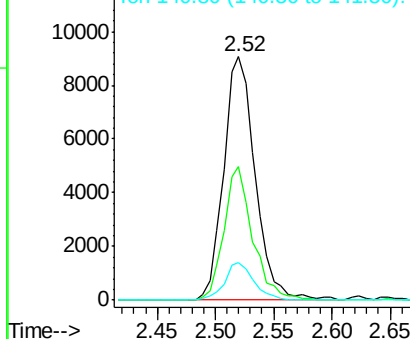
Lab File: VX000371.D

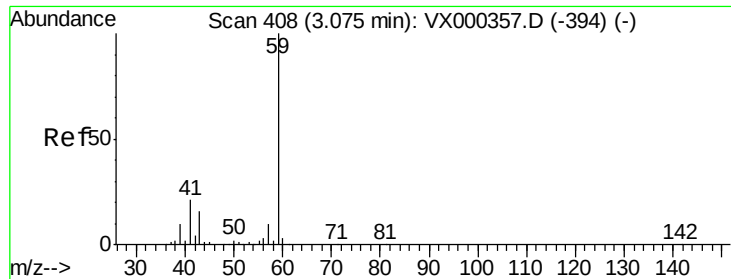
Acq: 20 Mar 2018 20:09

Tgt Ion:	142	Resp:	17007
Ion Ratio	Lower	Upper	
142	100		
127	50.2	39.2	58.8
141	14.3	11.7	17.5



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

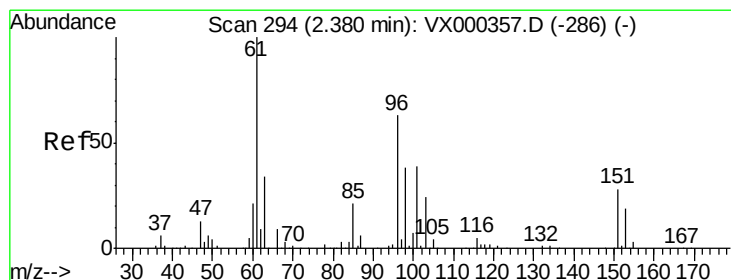
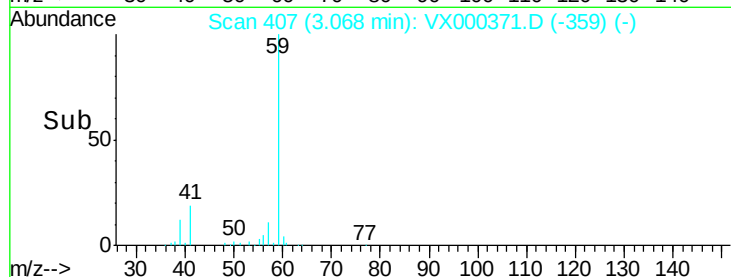
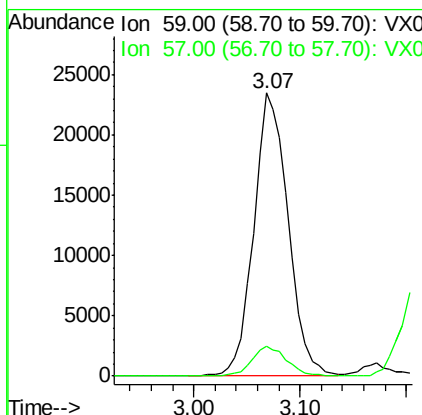
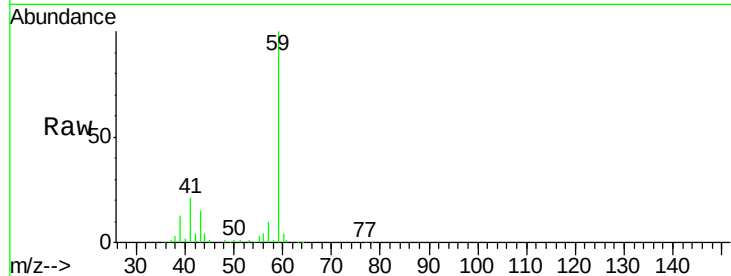
Tert butyl alcohol
 Concen: 103.15 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX000371.D
 Acq: 20 Mar 2018 20:09

Instrument :
 MSVOA_X
 ClientSampled :
 VX0320WBSD01

Tot Ion	59	Resp	53048
Ion Ratio	100	Lower	Upper
57	10.7	8.4	12.6

Manual Integrations
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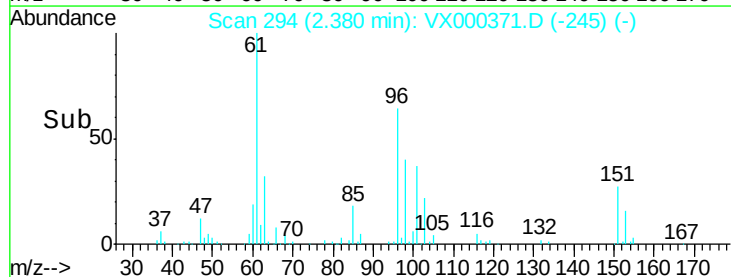
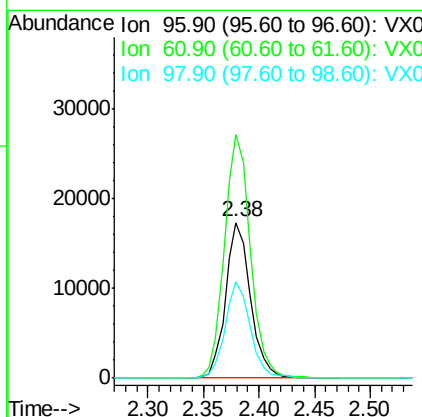
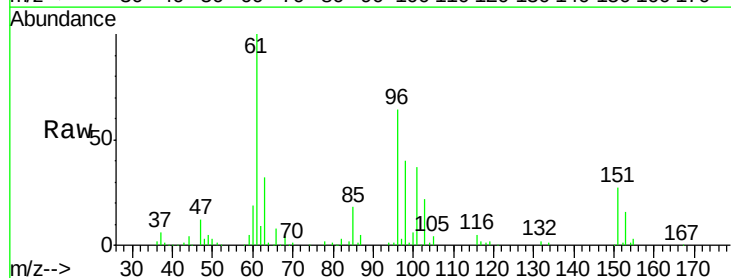
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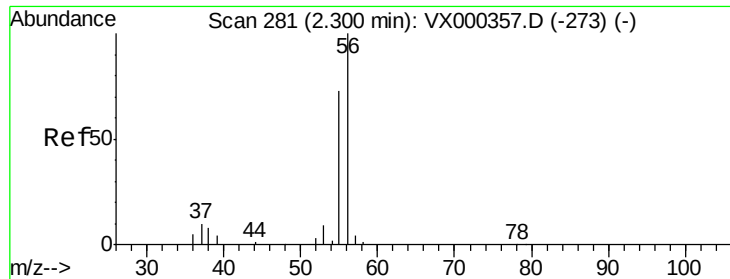


#12

1,1-Dichloroethene
 Concen: 21.64 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. -0.00 min
 Lab File: VX000371.D
 Acq: 20 Mar 2018 20:09

Tgt Ion	96	Resp	26869
Ion Ratio	100	Lower	Upper
61	156.3	131.2	196.8
98	61.9	49.8	74.8





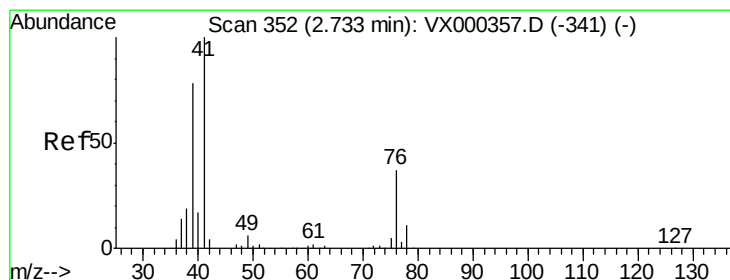
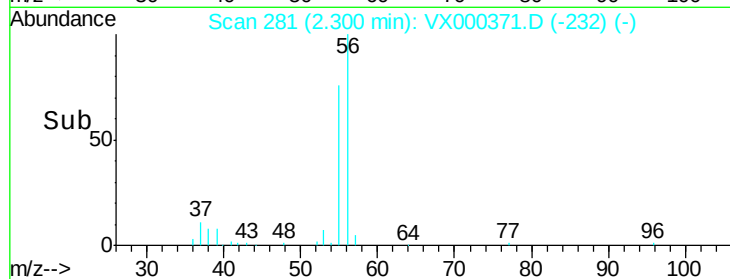
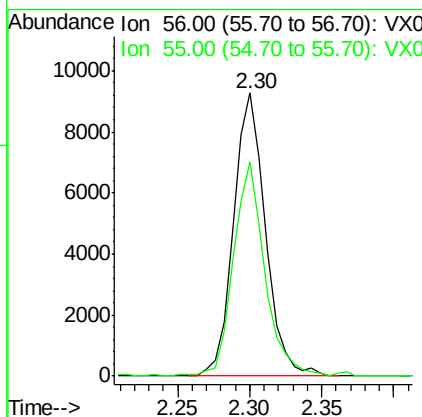
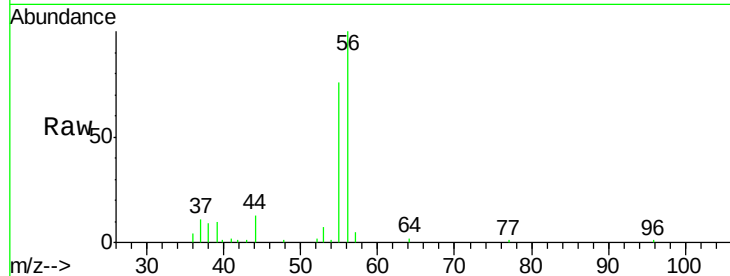
#13
Acrolein
Concen: 96.61 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX000371.D
Acq: 20 Mar 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01

Tot Ion	56	Resp	14304
Ion Ratio	100	Lower	Upper
55	74.7	58.8	88.2

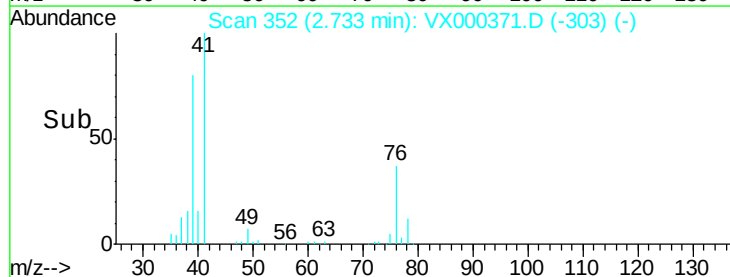
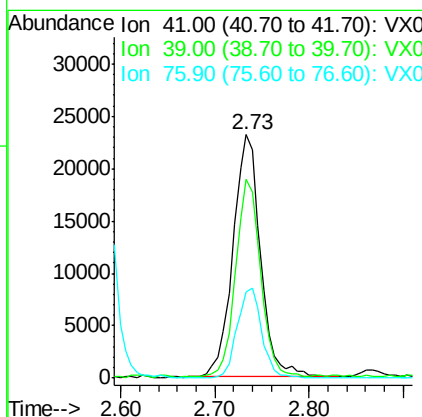
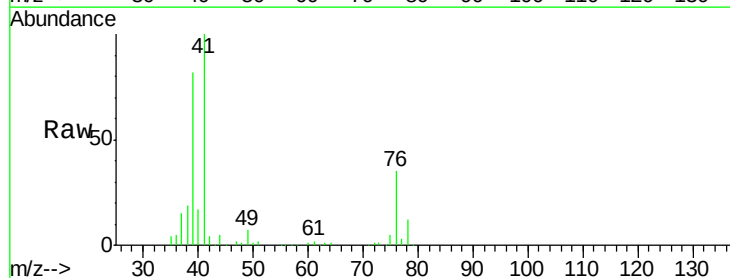
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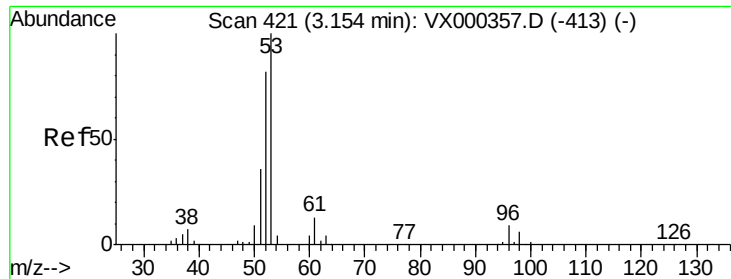
sam
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#14
Allyl chloride
Concen: 21.40 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX000371.D
Acq: 20 Mar 2018 20:09

Tgt Ion	41	Resp	47059
Ion Ratio	100	Lower	Upper
39	74.4	57.6	86.4
76	33.3	27.3	40.9





#15

Acrylonitrile

Concen: 104.07 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000371.D

Acq: 20 Mar 2018 20:09

Instrument :

MSVOA_X

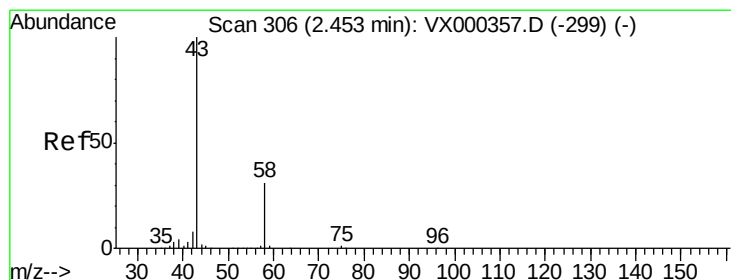
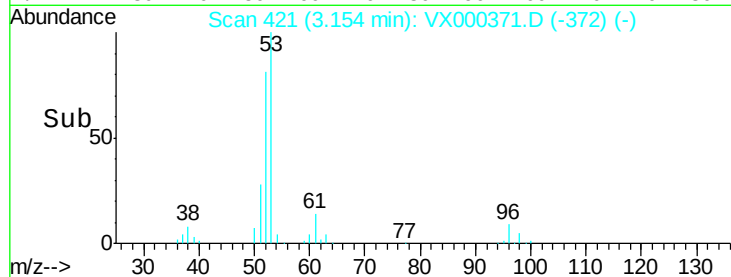
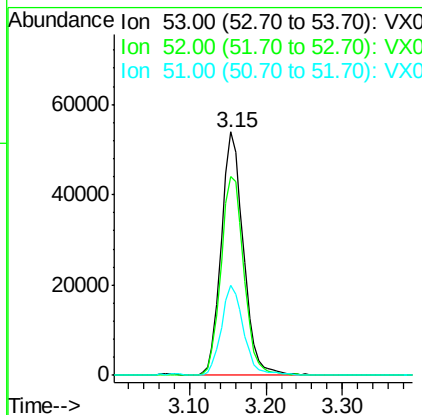
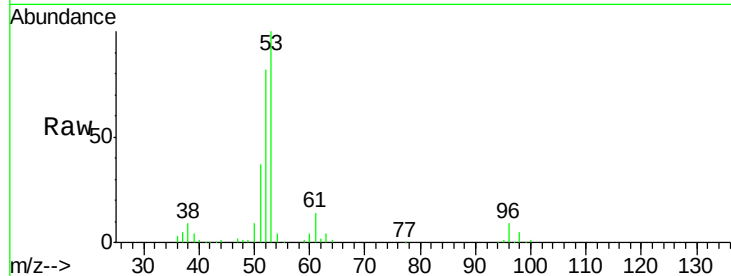
ClientSampleId :

VX0320WBSD01

Tot Ion:	53	Resp:	108402
Ion Ratio		Lower	Upper
53	100		
52	84.3	66.6	99.8
51	37.4	29.3	43.9

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#16

Acetone

Concen: 97.42 ug/l

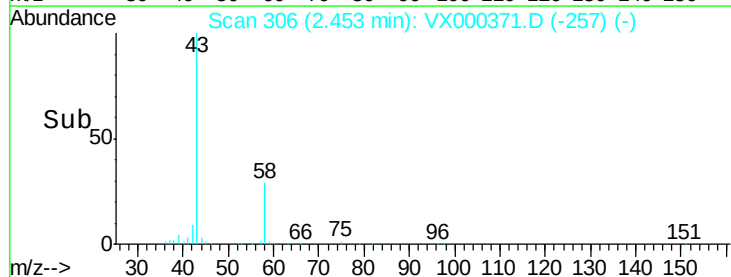
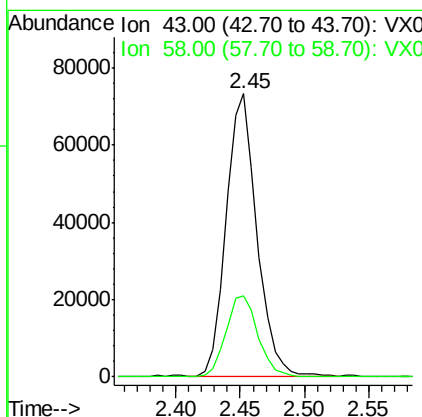
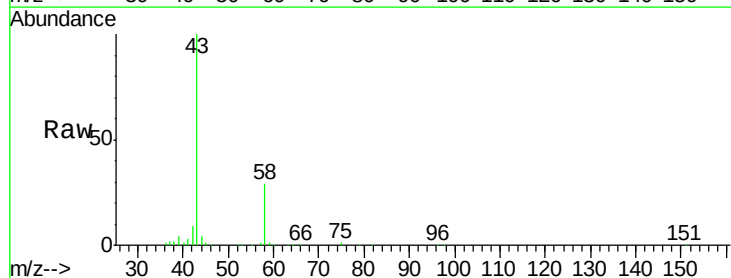
RT: 2.45 min Scan# 306

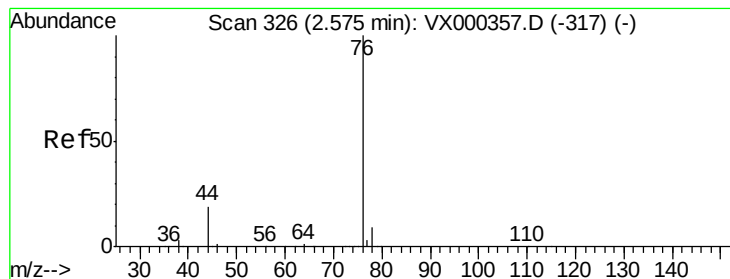
Delta R.T. -0.00 min

Lab File: VX000371.D

Acq: 20 Mar 2018 20:09

Tgt Ion:	43	Resp:	121173
Ion Ratio		Lower	Upper
43	100		
58	28.7	24.7	37.1





#17

Carbon Disulfide

Concen: 20.55 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000371.D

Acq: 20 Mar 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

VX0320WBSD01

Tot Ion: 76 Resp: 67828

Ion Ratio Lower Upper

76 100

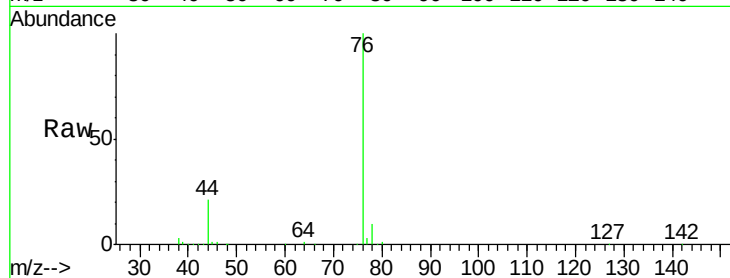
78 10.0 7.0 10.6

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

40000

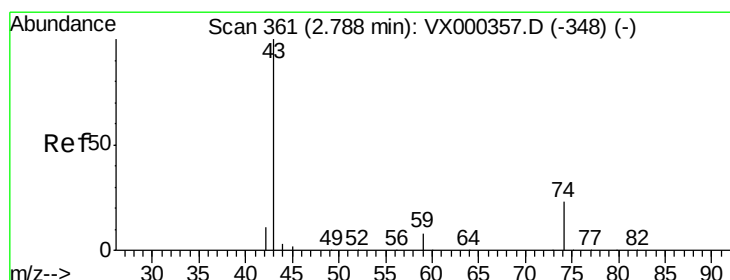
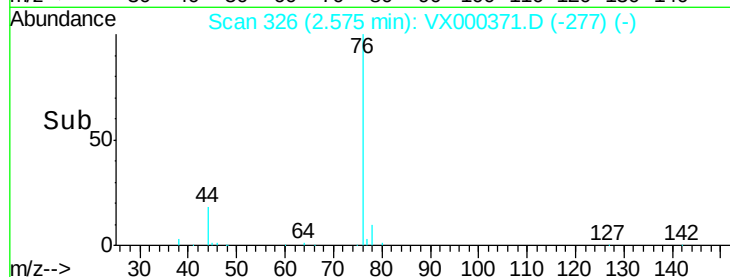
30000

20000

10000

0

Time-->



#18

Methyl Acetate

Concen: 21.15 ug/l

RT: 2.79 min Scan# 361

Delta R.T. -0.00 min

Lab File: VX000371.D

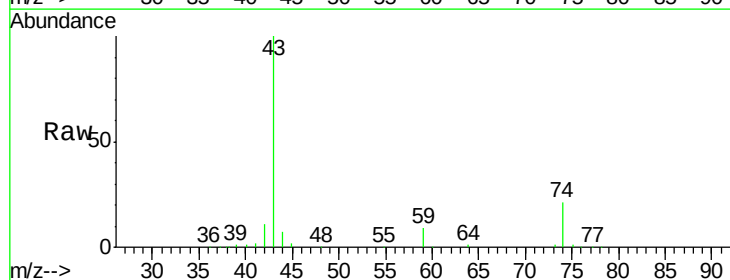
Acq: 20 Mar 2018 20:09

Tgt Ion: 43 Resp: 55143

Ion Ratio Lower Upper

43 100

74 23.5 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.79

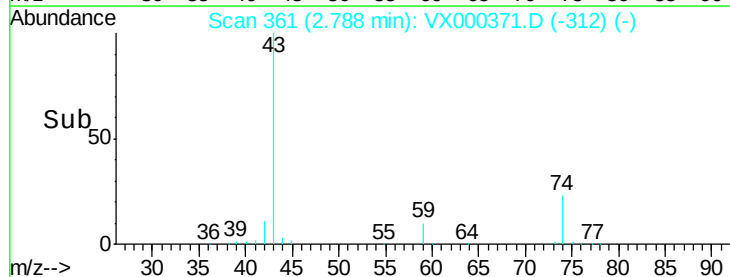
30000

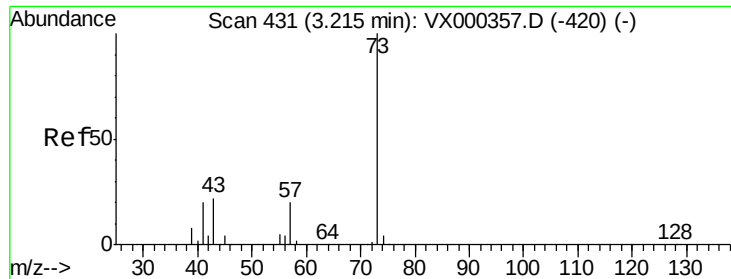
20000

10000

0

Time-->





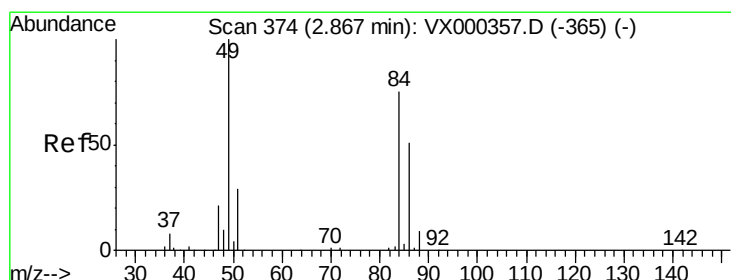
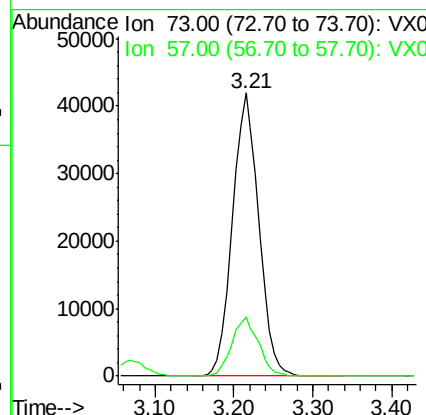
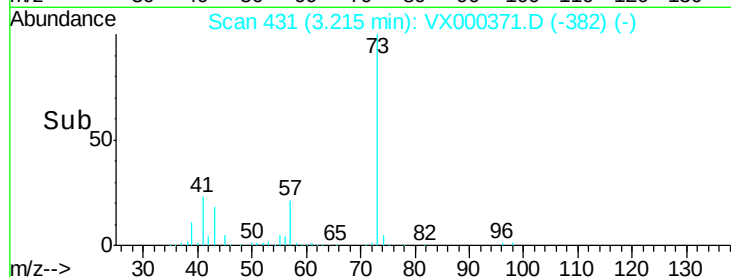
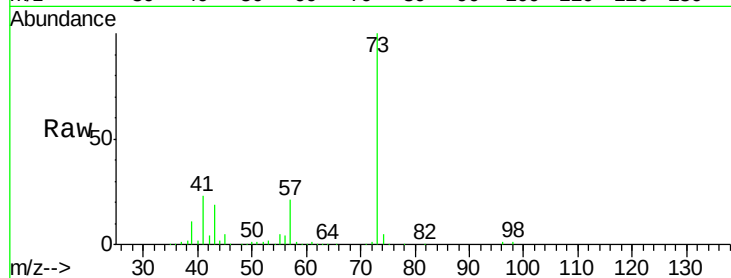
#19
Methyl tert-butyl Ether
Concen: 21.21 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000371.D
Acq: 20 Mar 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01

Tot Ion: 73 Resp: 97380
Ion Ratio Lower Upper
73 100
57 21.1 17.2 25.8

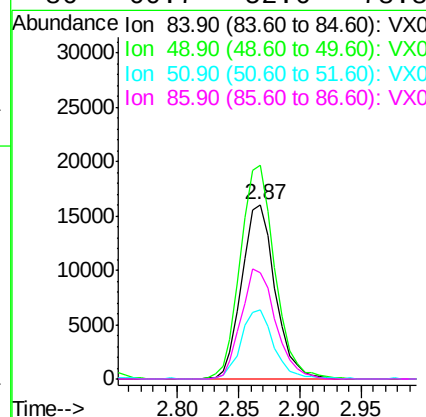
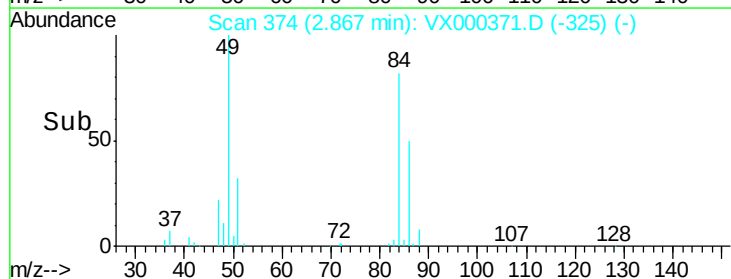
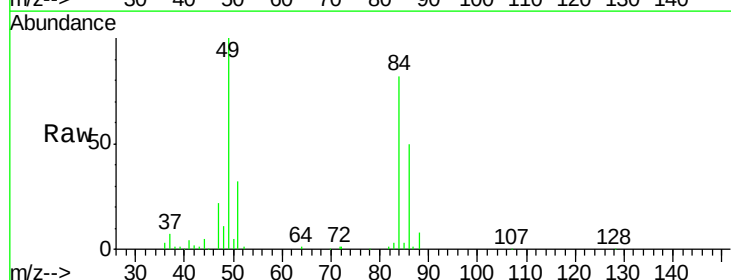
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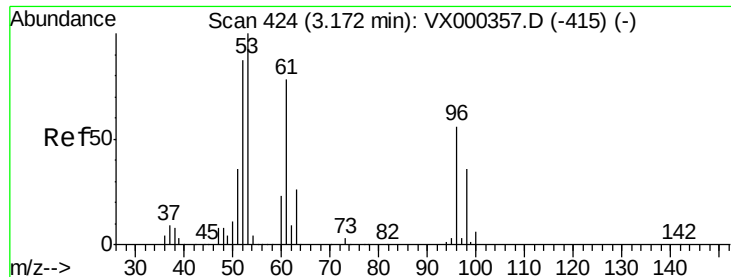
sam
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#20
Methylene Chloride
Concen: 21.24 ug/l
RT: 2.87 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX000371.D
Acq: 20 Mar 2018 20:09

Tgt Ion: 84 Resp: 30512
Ion Ratio Lower Upper
84 100
49 122.4 100.6 151.0
51 39.7 31.6 47.4
86 60.7 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 20.49 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000371.D

Acq: 20 Mar 2018 20:09

Instrument :

MSVOA_X

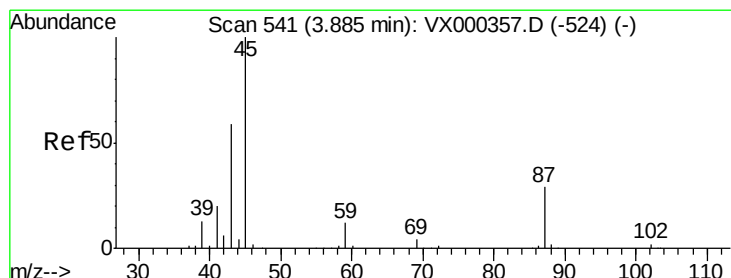
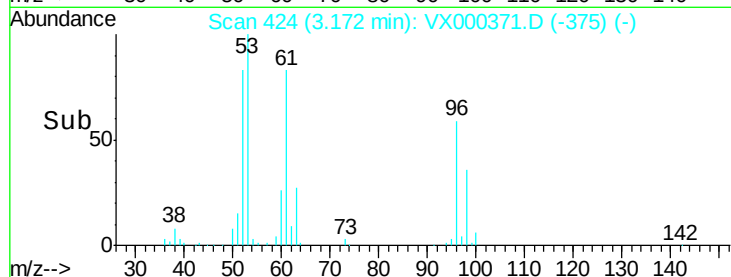
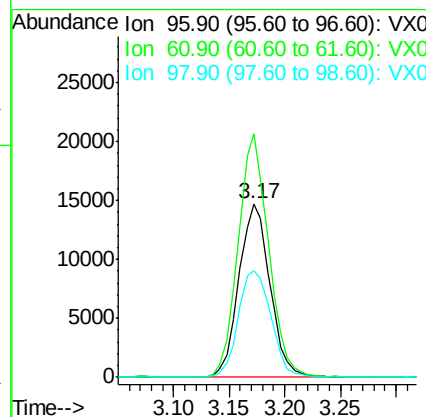
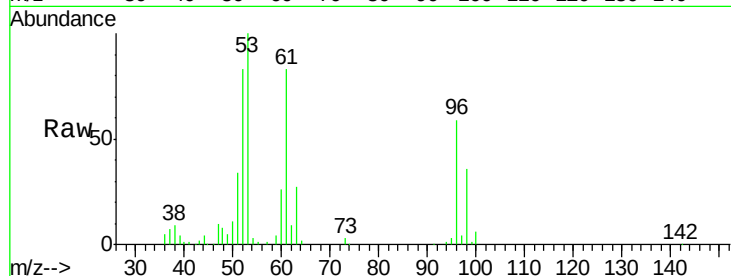
ClientSampleId :

VX0320WBSD01

Tot Ion:	96	Resp:	28383
Ion	Ratio	Lower	Upper
96	100		
61	140.3	104.0	156.0
98	61.3	52.1	78.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.54 ug/l

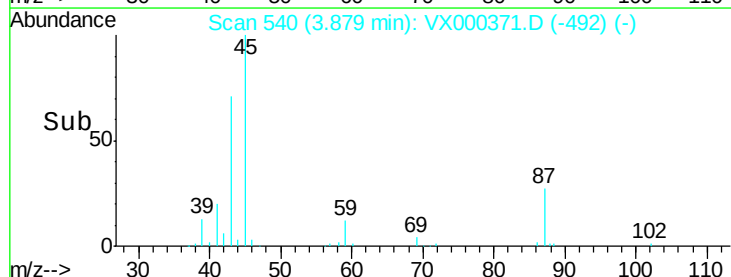
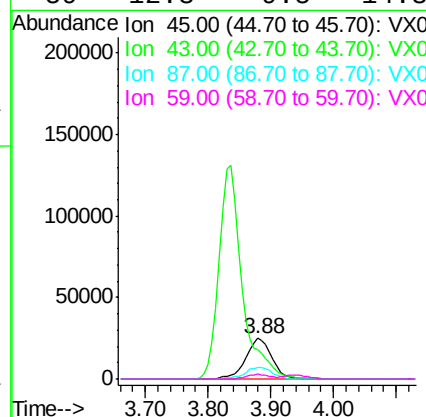
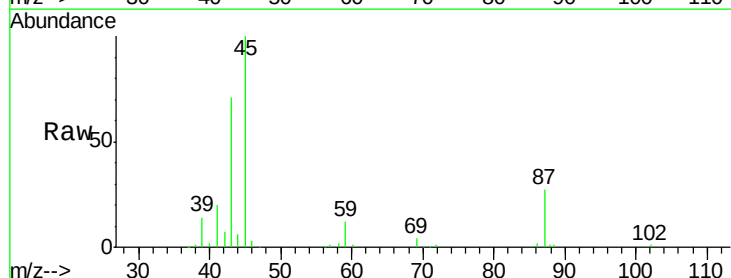
RT: 3.88 min Scan# 540

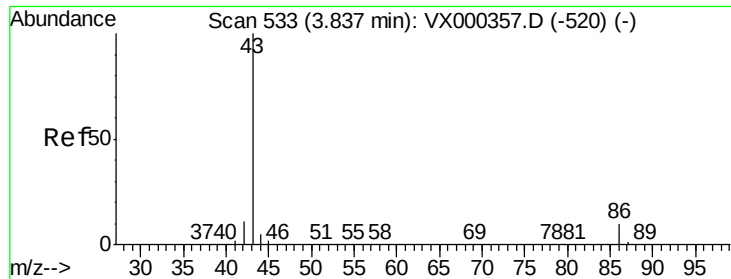
Delta R.T. -0.01 min

Lab File: VX000371.D

Acq: 20 Mar 2018 20:09

Tgt Ion:	45	Resp:	71939
Ion	Ratio	Lower	Upper
45	100		
43	70.5	53.9	80.9
87	27.0	22.6	34.0
59	12.3	9.5	14.3





#23

Vinyl Acetate

Concen: 92.01 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000371.D

Acq: 20 Mar 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

VX0320WBSD01

Tot Ion: 43 Resp: 338530

Ion Ratio Lower Upper

43 100

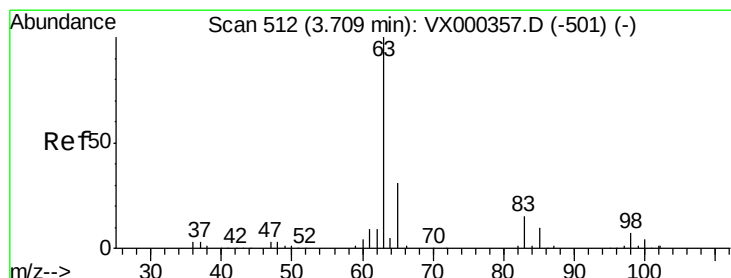
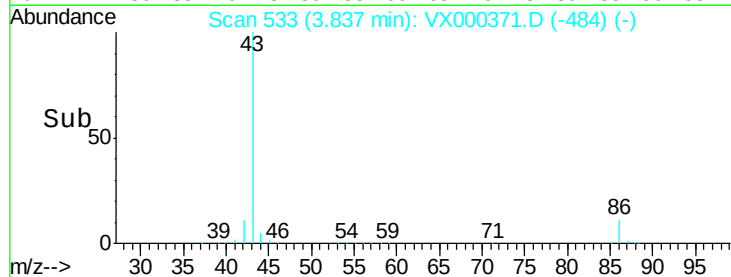
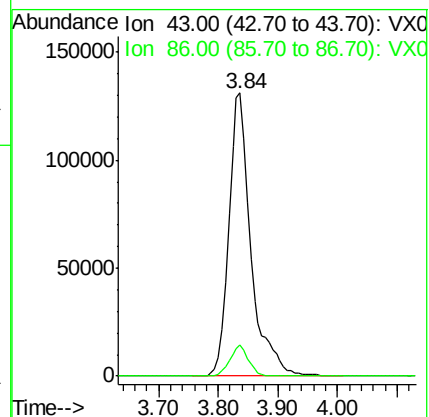
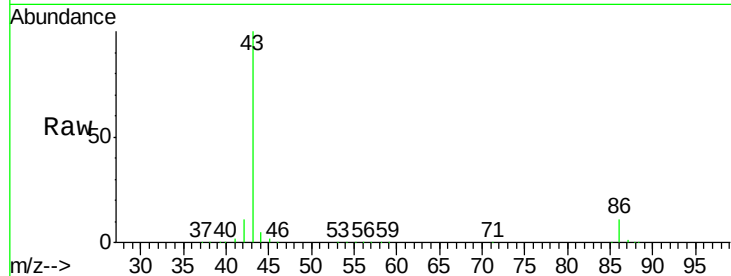
86 10.8 8.6 12.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.90 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000371.D

Acq: 20 Mar 2018 20:09

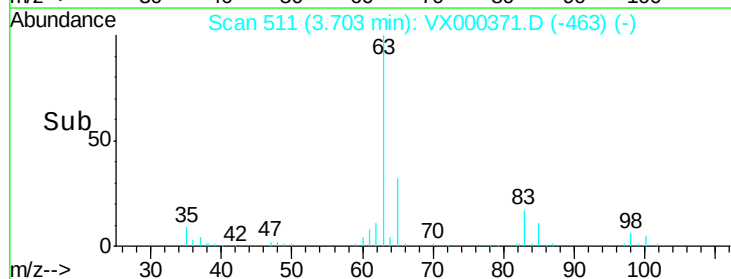
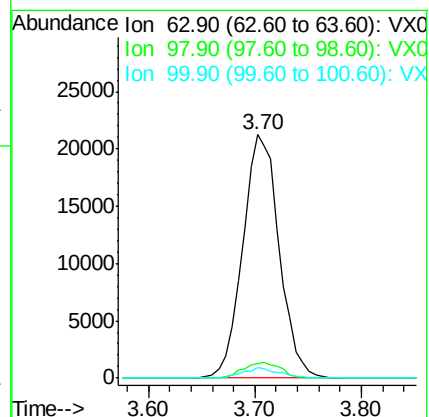
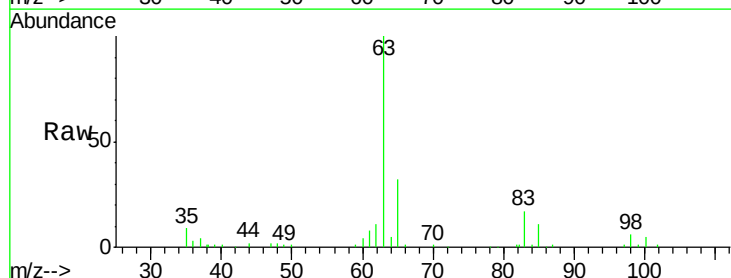
Tgt Ion: 63 Resp: 50994

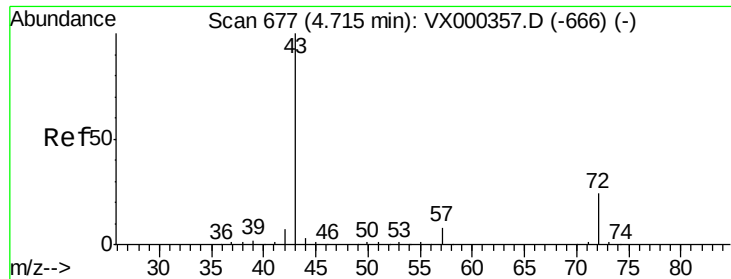
Ion Ratio Lower Upper

63 100

98 5.8 3.3 9.9

100 4.6 2.0 5.8





#25

2-Butanone

Concen: 98.03 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000371.D

Acq: 20 Mar 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

VX0320WBSD01

Tot Ion: 43 Resp: 137048

Ion Ratio Lower Upper

43 100

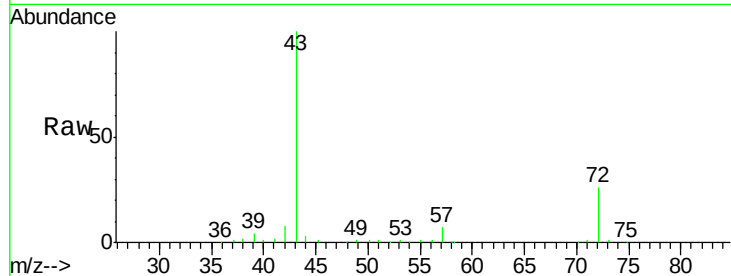
72 26.3 21.0 31.6

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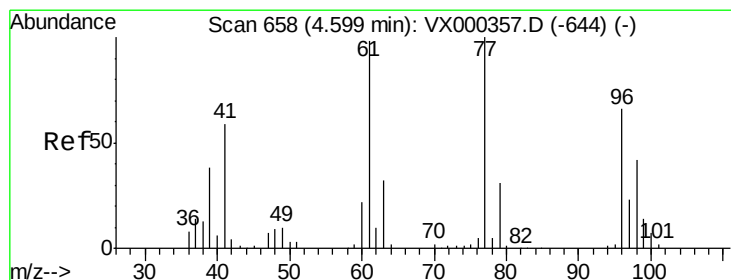
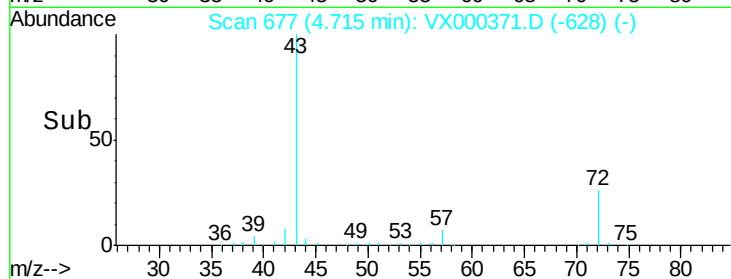
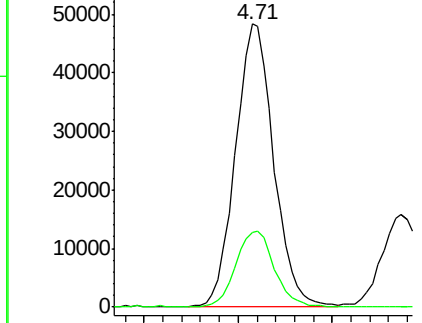
sam

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.15 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX000371.D

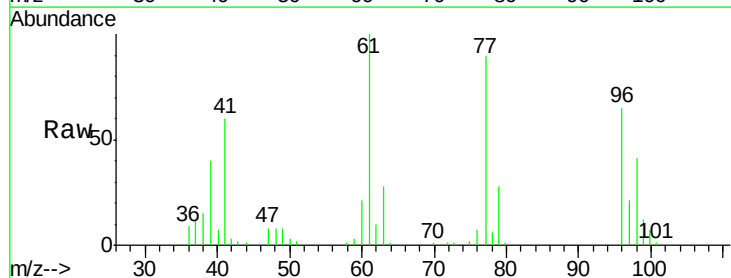
Acq: 20 Mar 2018 20:09

Tgt Ion: 77 Resp: 32754

Ion Ratio Lower Upper

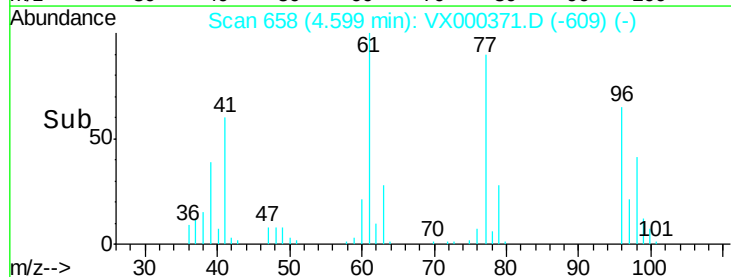
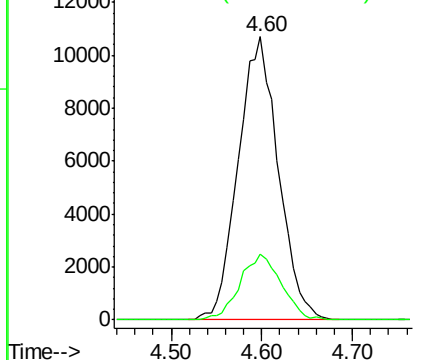
77 100

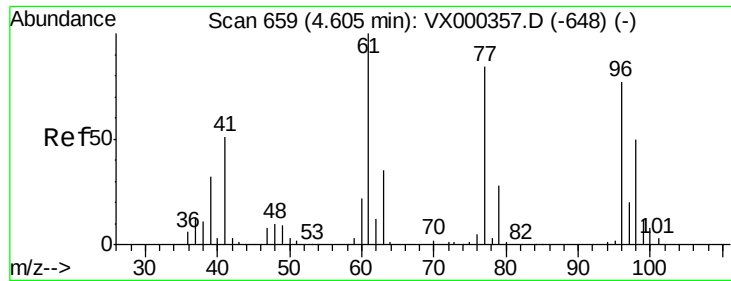
97 23.9 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

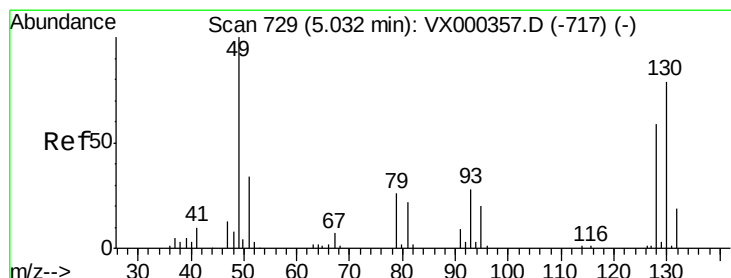
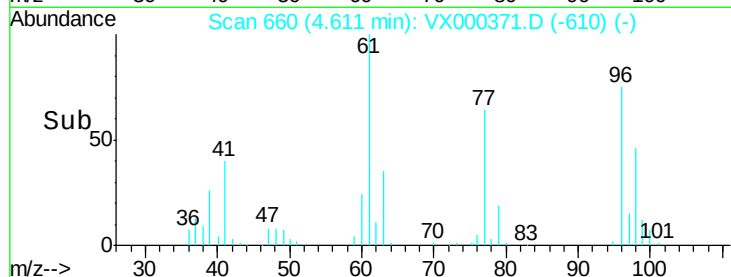
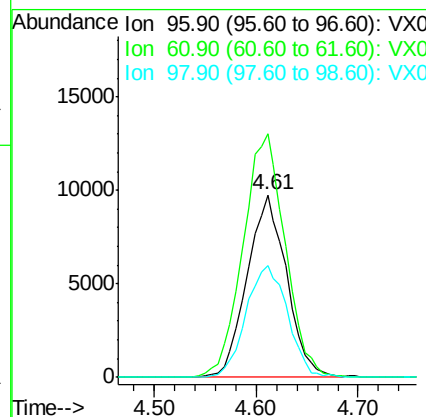
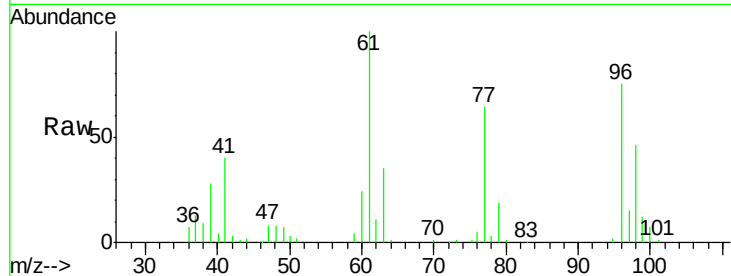
cis-1,2-Dichloroethene
Concen: 20.25 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.01 min
Lab File: VX000371.D
Acq: 20 Mar 2018 20:09

Instrument :
MSVOA_X
ClientSampled :
VX0320WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	26205		
61	142.7		0.0	291.6
98	64.5		0.0	132.0

Manual Integrations
APPROVED

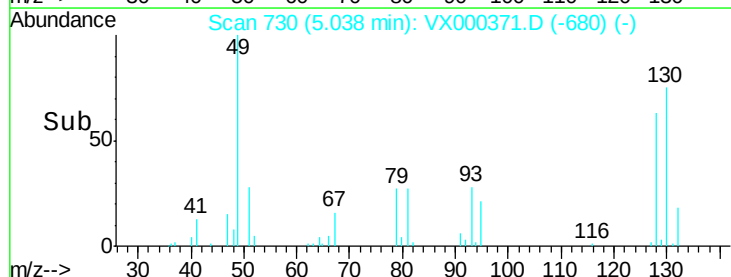
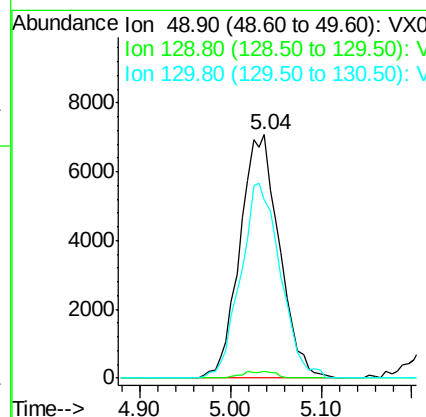
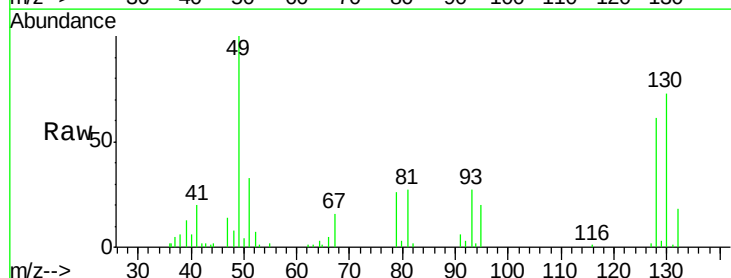
sam
3/21/2018 11:44:26 AM

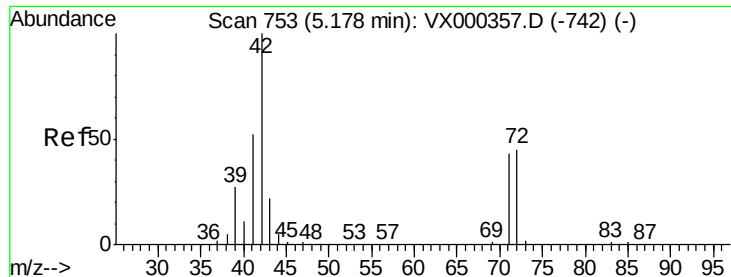


#28

Bromochloromethane
Concen: 21.19 ug/l
RT: 5.04 min Scan# 730
Delta R.T. 0.01 min
Lab File: VX000371.D
Acq: 20 Mar 2018 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	21326		
129	2.3		0.0	5.0
130	80.4		64.0	96.0





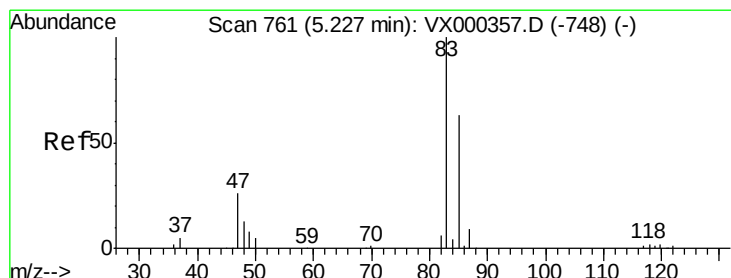
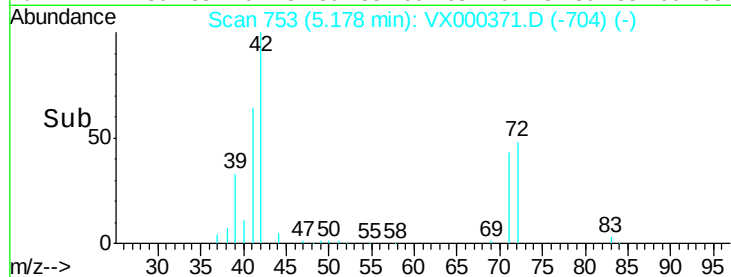
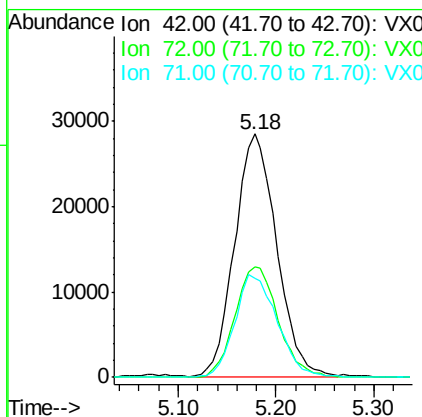
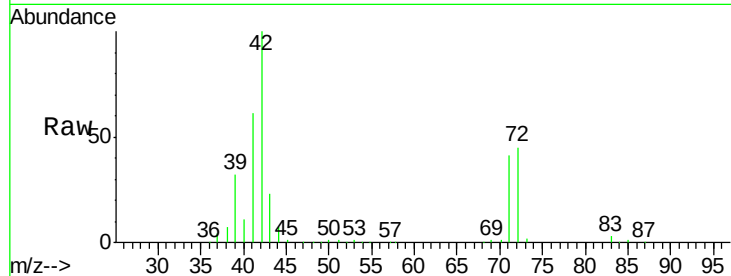
#29
Tetrahydrofuran
Concen: 97.98 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX000371.D
Acq: 20 Mar 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.0	37.9	56.9
71	43.1	34.4	51.6

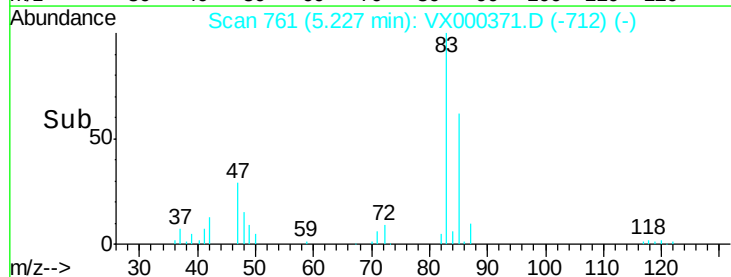
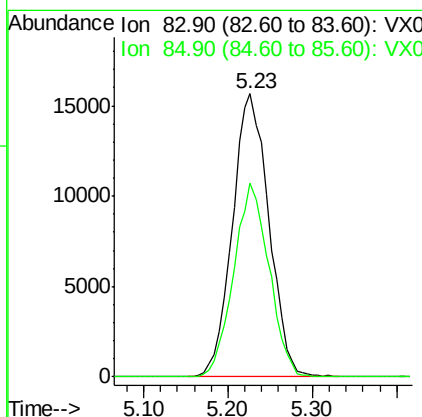
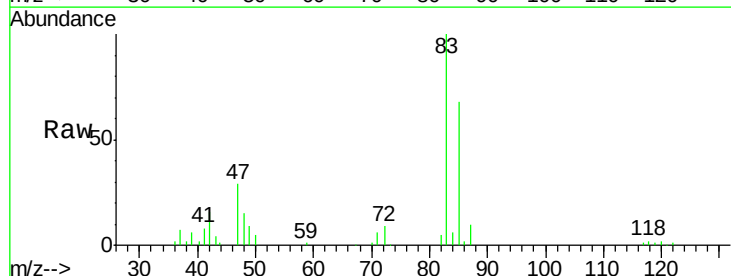
Manual Integrations
APPROVED

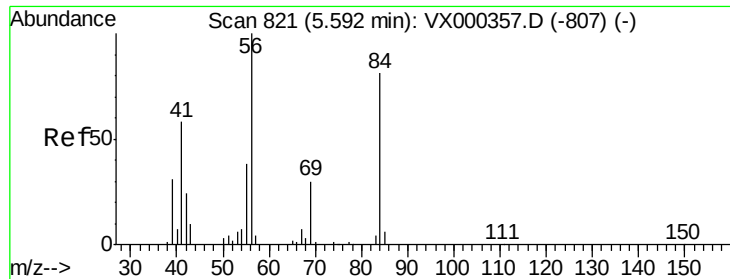
sam
3/21/2018 11:44:26 AM



#30
Chloroform
Concen: 20.03 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000371.D
Acq: 20 Mar 2018 20:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.4	53.3	79.9





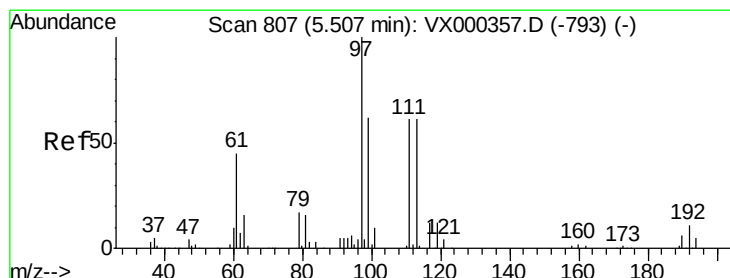
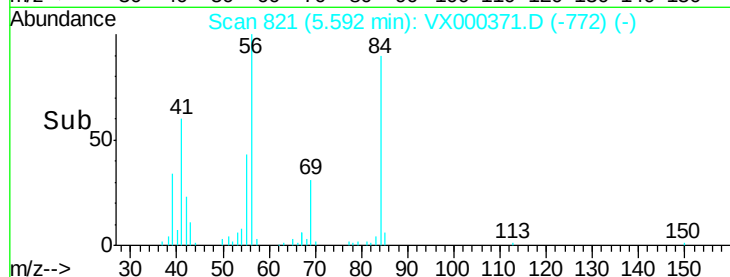
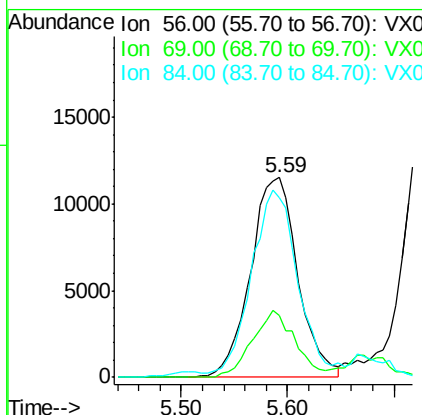
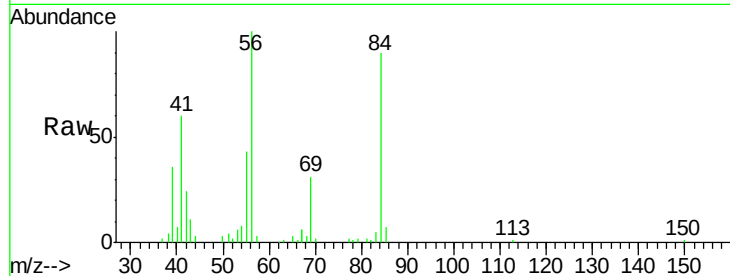
#31
Cyclohexane
Concen: 18.95 ug/l
RT: 5.59 min Scan# 821
Delta R.T. -0.00 min
Lab File: VX000371.D
Acq: 20 Mar 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.7	23.4	35.0
84	86.8	71.0	106.4

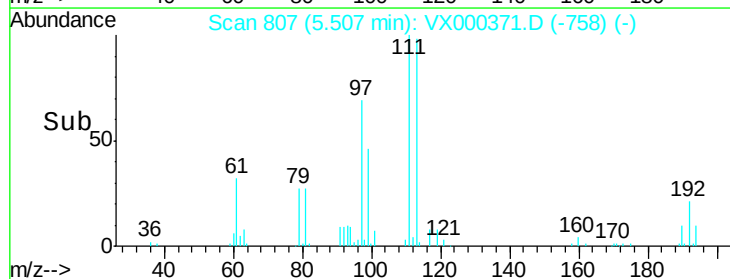
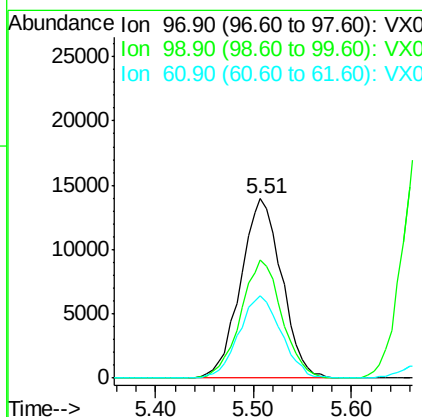
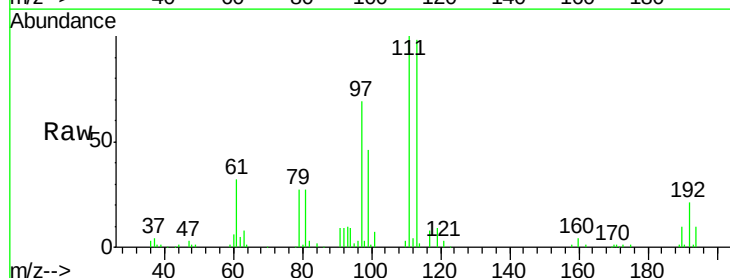
Manual Integrations
APPROVED

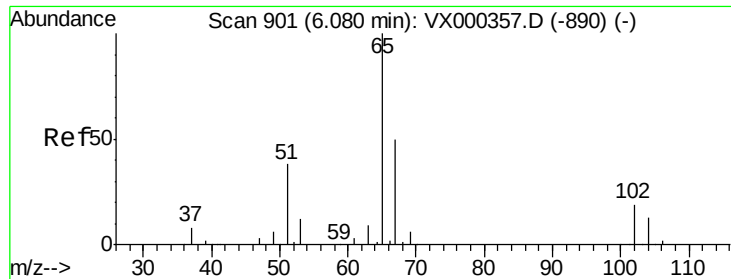
sam
3/21/2018 11:44:26 AM



#32
1,1,1-Trichloroethane
Concen: 19.71 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX000371.D
Acq: 20 Mar 2018 20:09

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.4	52.1	78.1
61	47.0	36.2	54.4





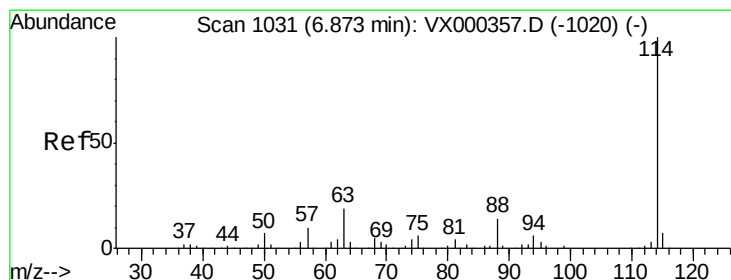
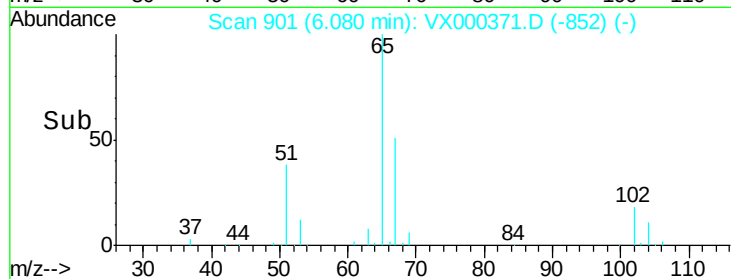
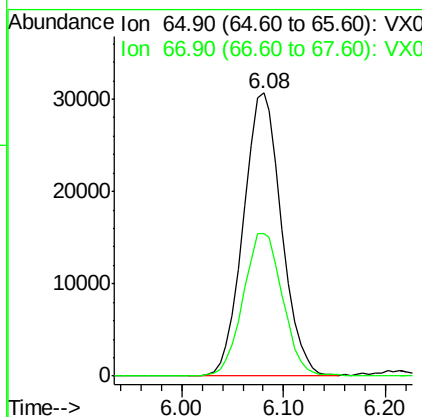
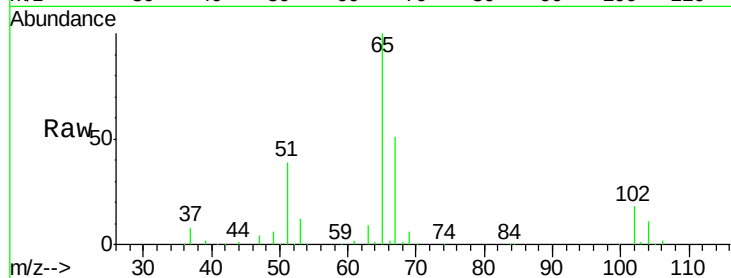
#33
 1,2-Dichloroethane-d4
 Concen: 53.32 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000371.D
 Acq: 20 Mar 2018 20:09

Instrument :
 MSVOA_X
 ClientSampled :
 VX0320WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	103.2

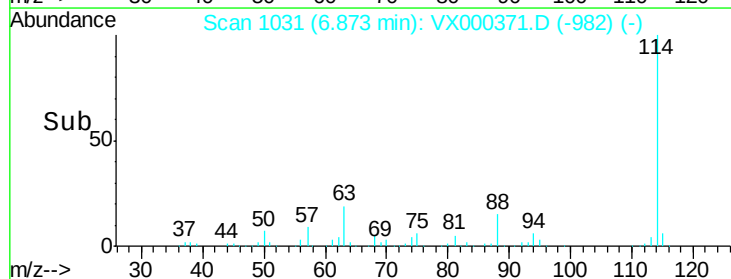
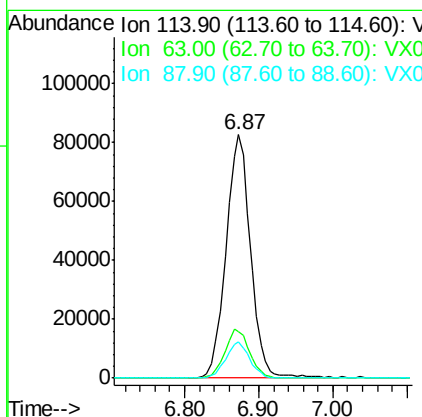
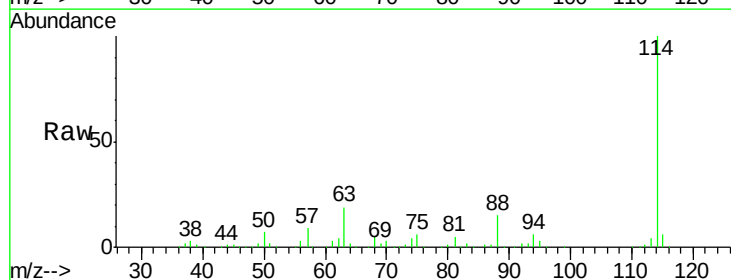
Manual Integrations
 APPROVED

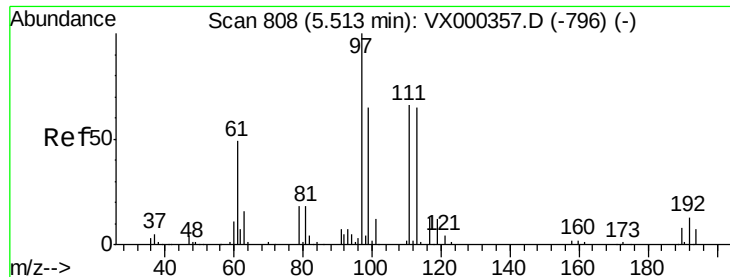
sam
 3/21/2018 11:44:26 AM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000371.D
 Acq: 20 Mar 2018 20:09

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	38.4
88	14.8	0.0	27.0





#35

Dibromofluoromethane

Concen: 50.82 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000371.D

Acq: 20 Mar 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

VX0320WBSD01

Tot Ion:113 Resp: 60879

Ion Ratio Lower Upper

113 100

111 103.5 82.4 123.6

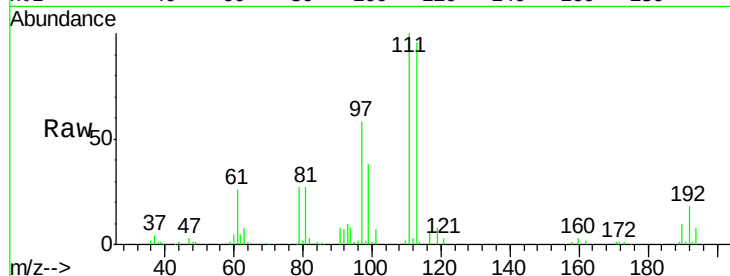
192 20.2 15.8 23.6

Manual Integrations

APPROVED

sam

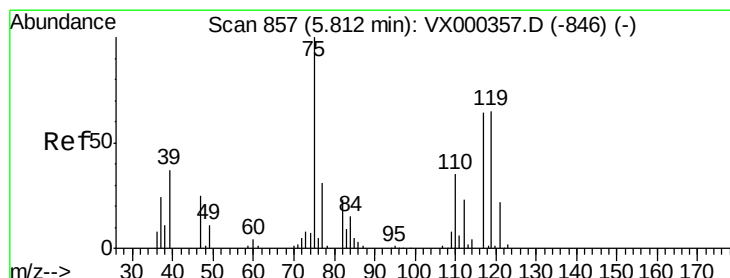
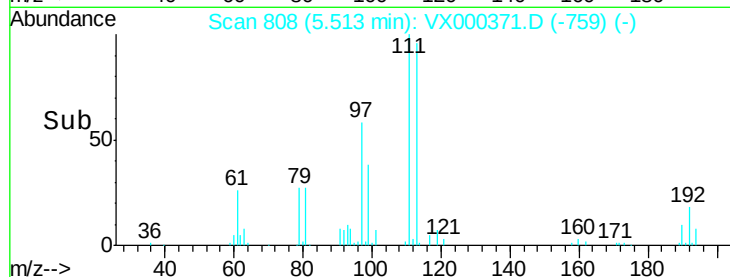
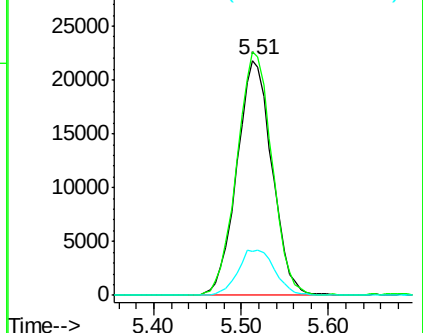
3/21/2018 11:44:26 AM



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.79 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.01 min

Lab File: VX000371.D

Acq: 20 Mar 2018 20:09

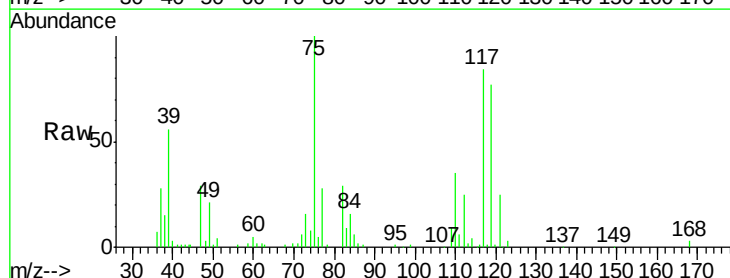
Tgt Ion: 75 Resp: 33466

Ion Ratio Lower Upper

75 100

110 35.9 17.9 53.7

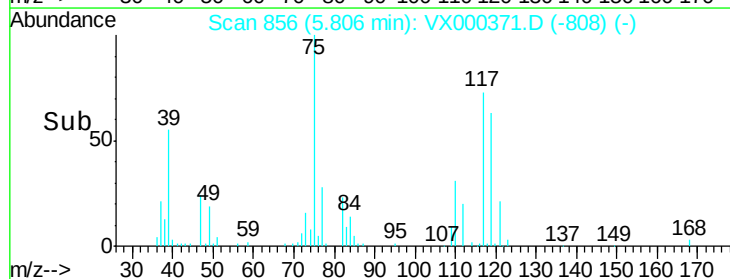
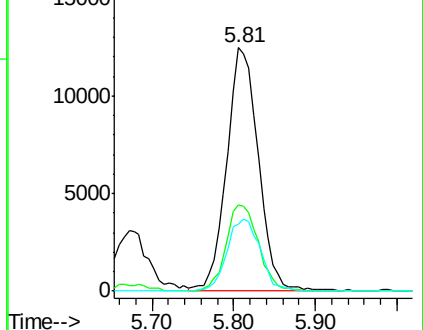
77 31.0 24.0 36.0

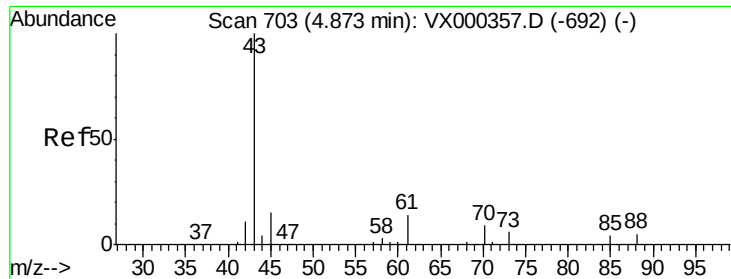


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





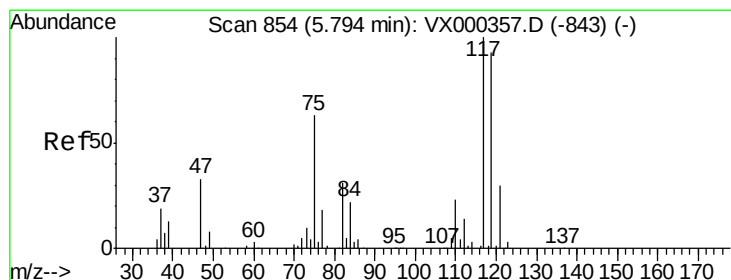
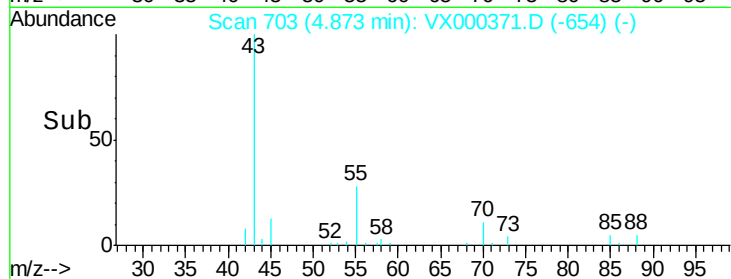
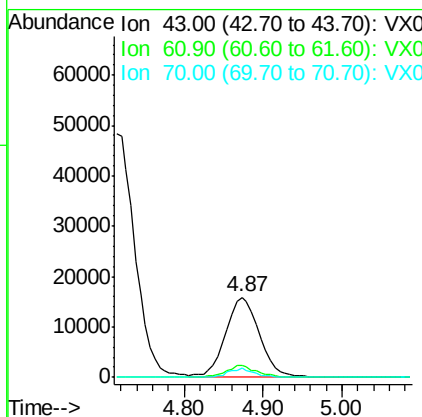
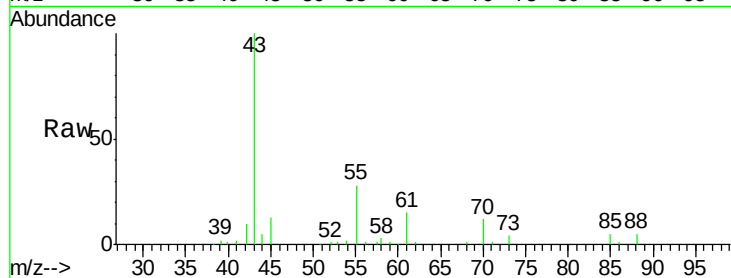
#37
Ethyl Acetate
Concen: 19.37 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX000371.D
Acq: 20 Mar 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.1	16.7
70	9.0	7.7	11.5

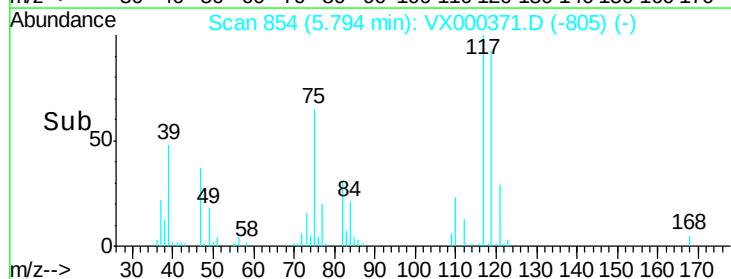
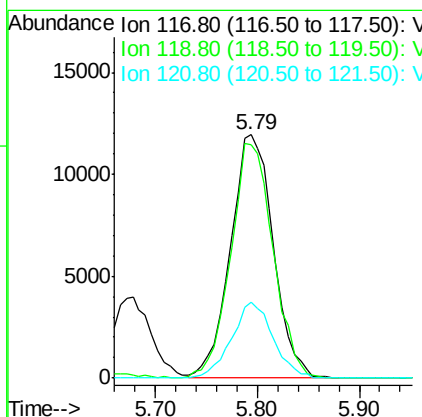
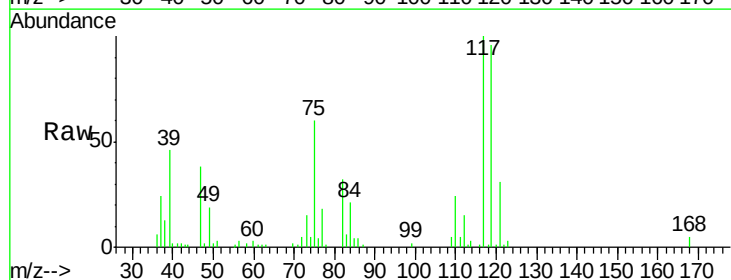
Manual Integrations
APPROVED

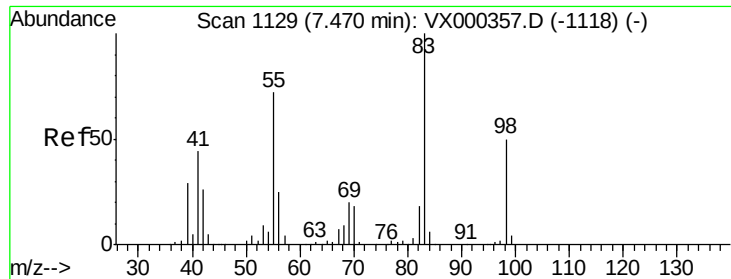
sam
3/21/2018 11:44:26 AM



#38
Carbon Tetrachloride
Concen: 18.59 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000371.D
Acq: 20 Mar 2018 20:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.4	116.2
121	31.2	24.8	37.2





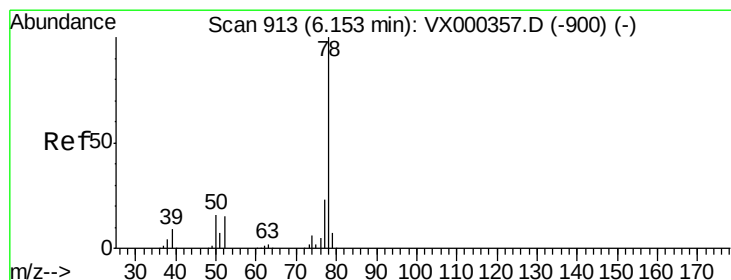
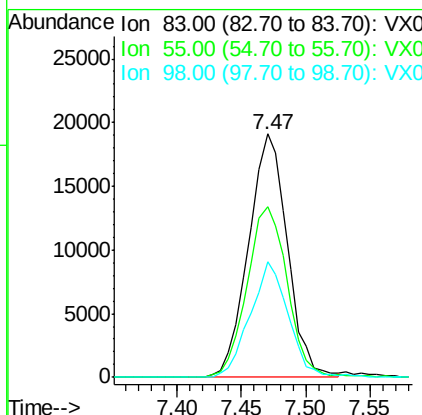
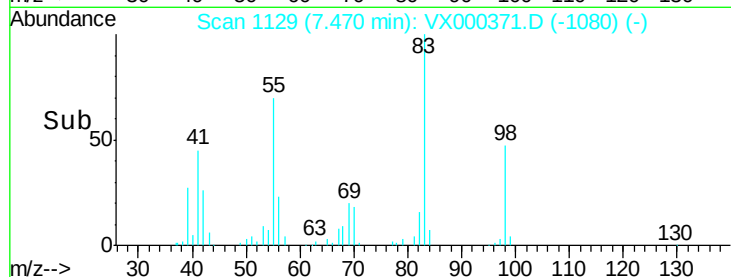
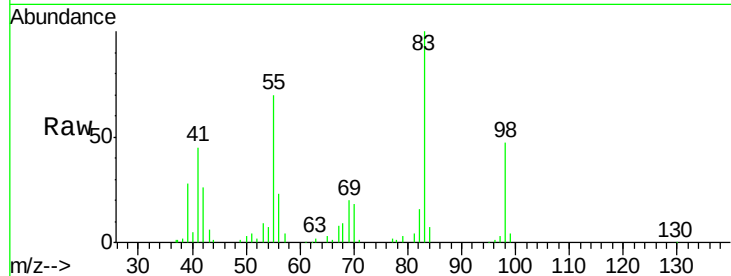
#39
Methylvlcyclohexane
Concen: 18.40 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000371.D
Acq: 20 Mar 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01

Tot Ion	83	Resp	39863
Ion Ratio	100	Lower	Upper
83	100		
55	69.9	55.5	83.3
98	47.4	38.2	57.4

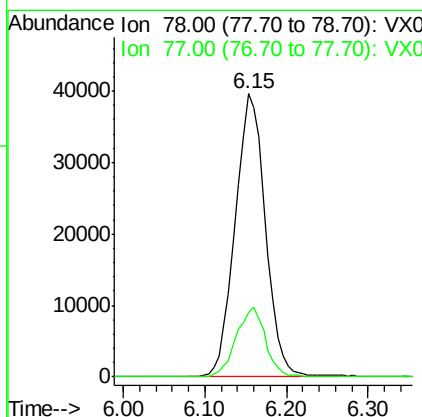
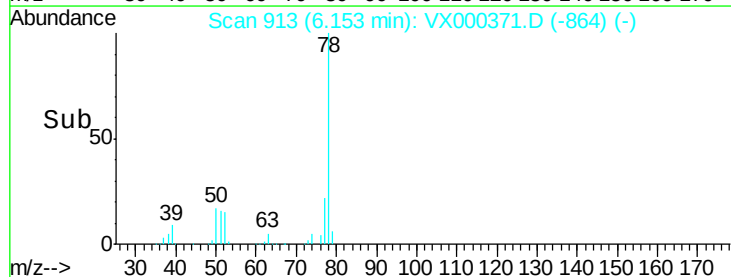
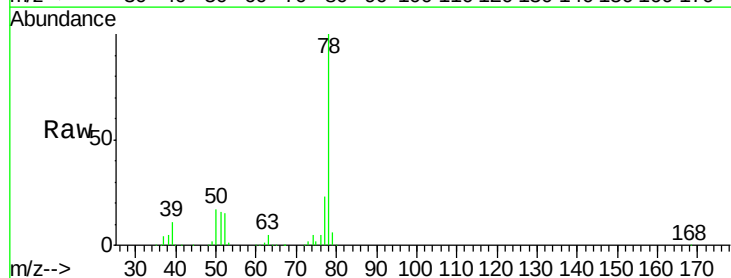
Manual Integrations
APPROVED

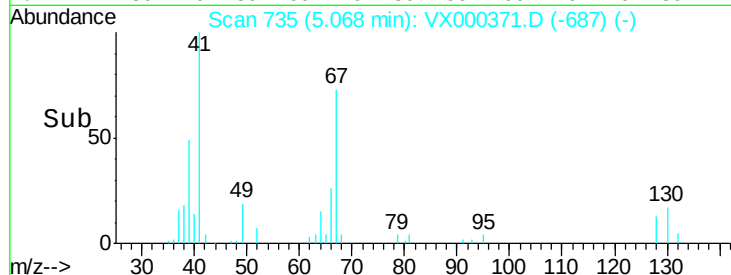
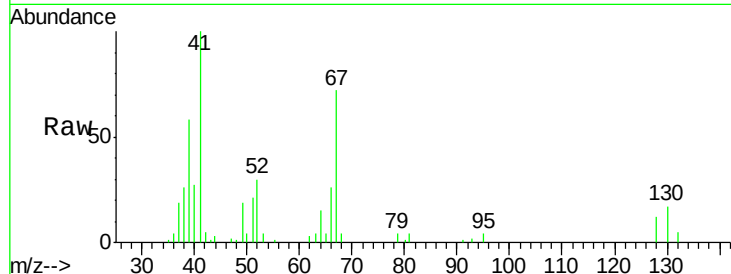
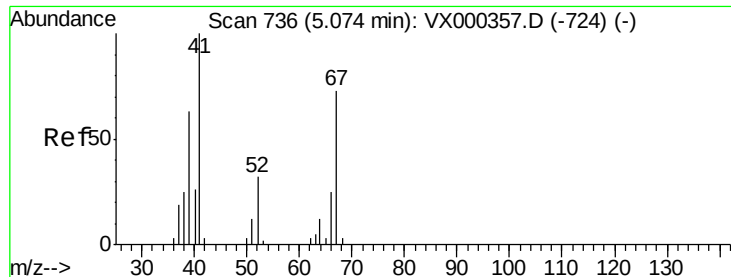
sam
3/21/2018 11:44:26 AM



#40
Benzene
Concen: 19.71 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000371.D
Acq: 20 Mar 2018 20:09

Tgt Ion	78	Resp	101927
Ion Ratio	100	Lower	Upper
78	100		
77	22.8	18.7	28.1





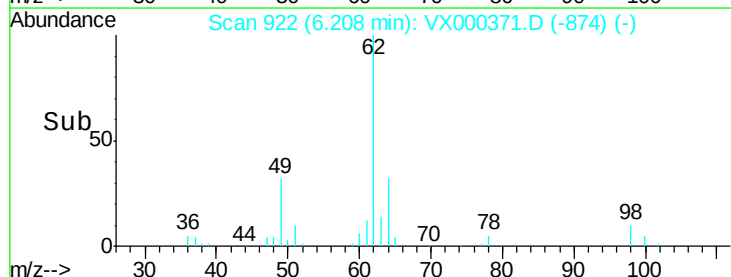
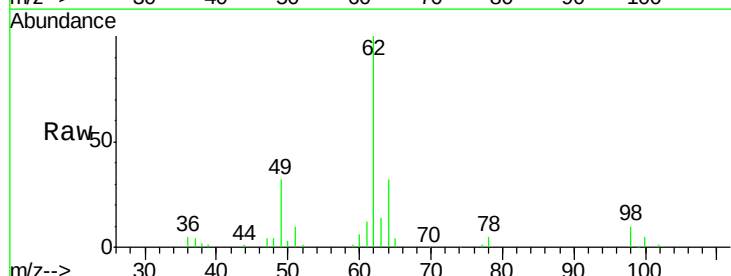
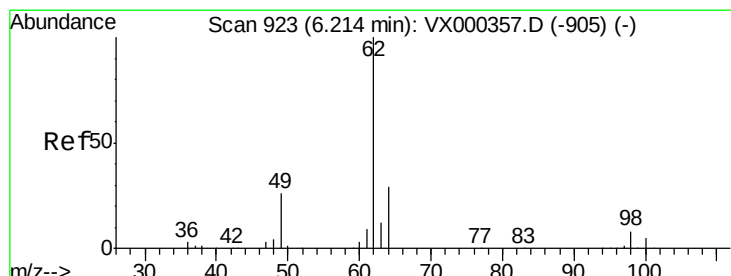
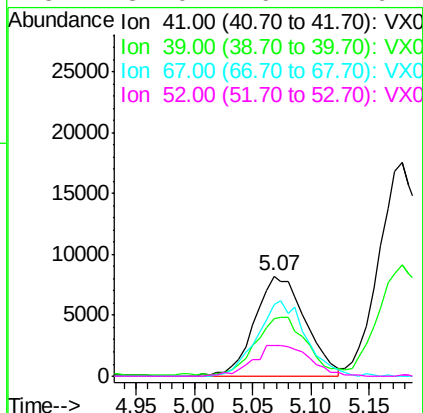
#41
Methacrylonitrile
Concen: 19.32 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000371.D
Acq: 20 Mar 2018 20:09

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.6	45.7	68.5	
67	71.7	57.8	86.8	
52	34.0	26.7	40.1	

Instrument :
MSVOA_X
ClientSampleID :
VX0320WBSD01

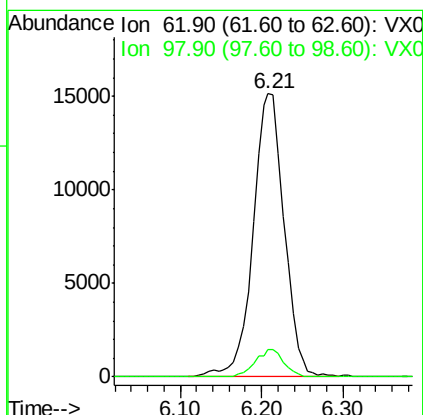
Manual Integrations
APPROVED

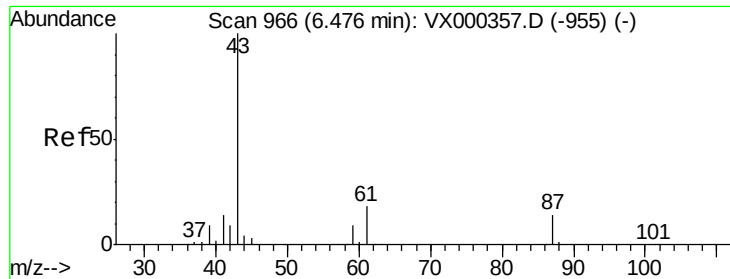
sam
3/21/2018 11:44:26 AM



#42
1,2-Dichloroethane
Concen: 19.87 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.01 min
Lab File: VX000371.D
Acq: 20 Mar 2018 20:09

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.9	0.0	15.8	





#43

Isopropyl Acetate

Concen: 19.54 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX000371.D

Acq: 20 Mar 2018 20:09

Instrument :

MSVOA_X

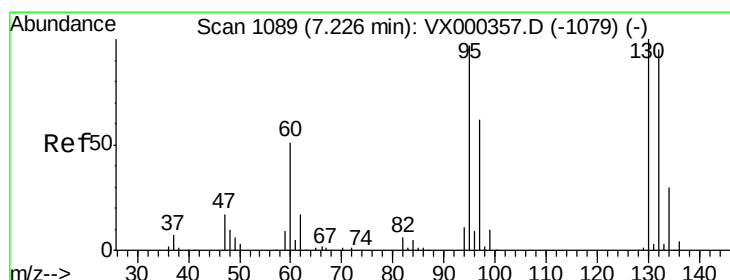
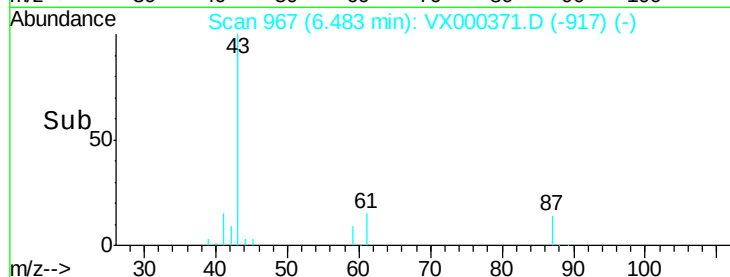
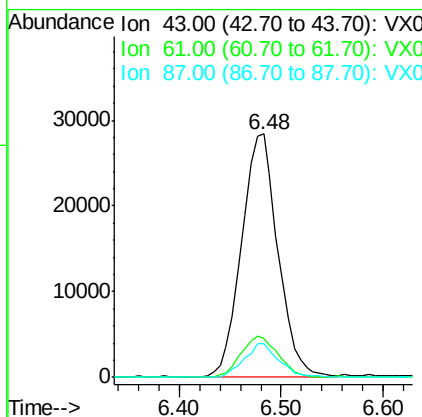
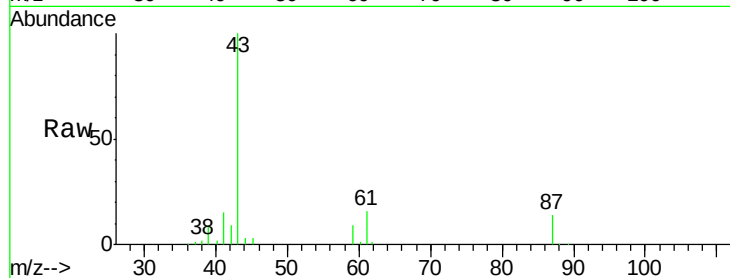
ClientSampled :

VX0320WBSD01

Tot Ion:	43	Resp:	70779
Ion	Ratio	Lower	Upper
43	100		
61	17.4	14.4	21.6
87	13.2	11.0	16.4

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#44

Trichloroethene

Concen: 19.05 ug/l

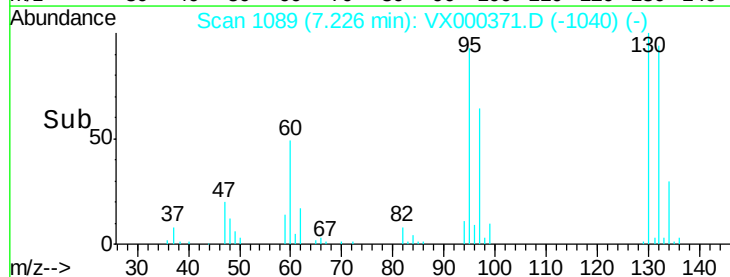
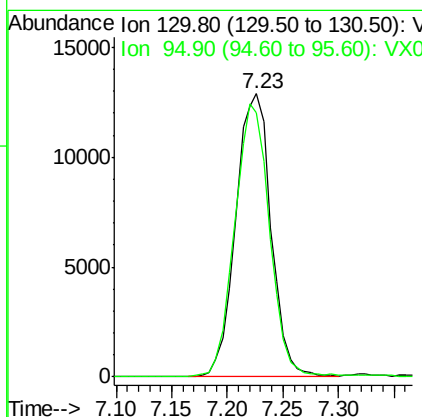
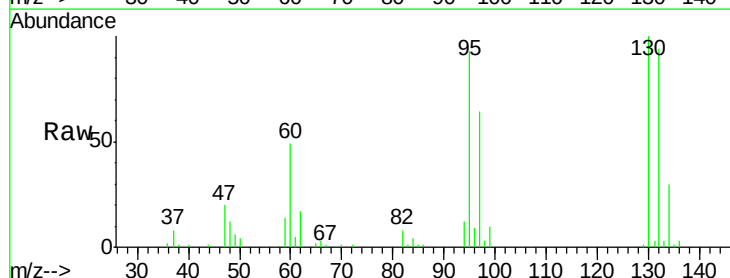
RT: 7.23 min Scan# 1089

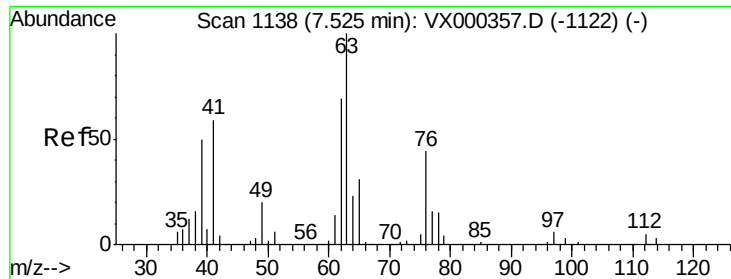
Delta R.T. -0.00 min

Lab File: VX000371.D

Acq: 20 Mar 2018 20:09

Tgt Ion:	130	Resp:	28234
Ion	Ratio	Lower	Upper
130	100		
95	93.3	0.0	186.0





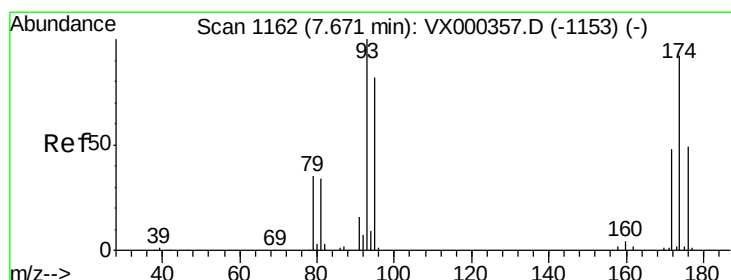
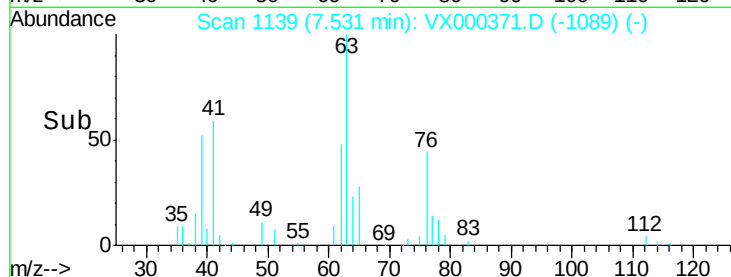
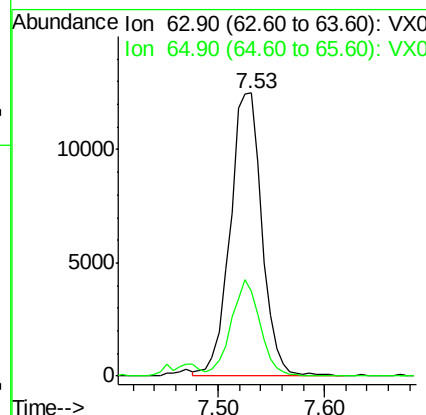
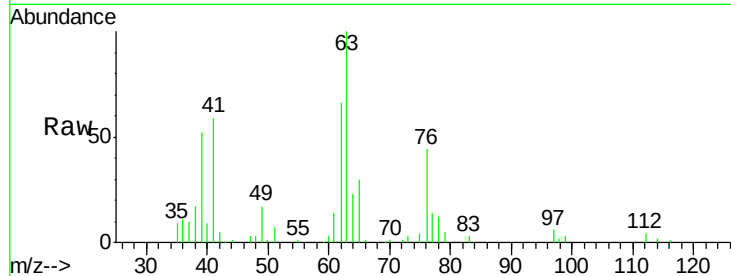
#45
 1,2-Dichloropropane
 Concen: 19.76 ug/l
 RT: 7.53 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VX000371.D
 Acq: 20 Mar 2018 20:09

Instrument :
 MSVOA_X
 ClientSampled :
 VX0320WBSD01

Tot Ion: 63 Resp: 26167
 Ion Ratio Lower Upper
 63 100
 65 29.8 24.6 36.8

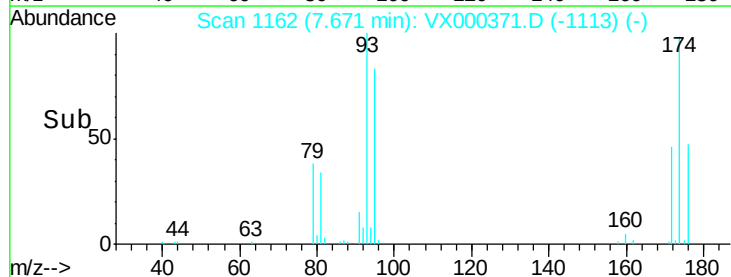
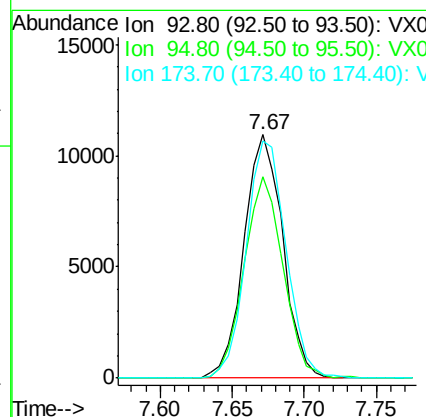
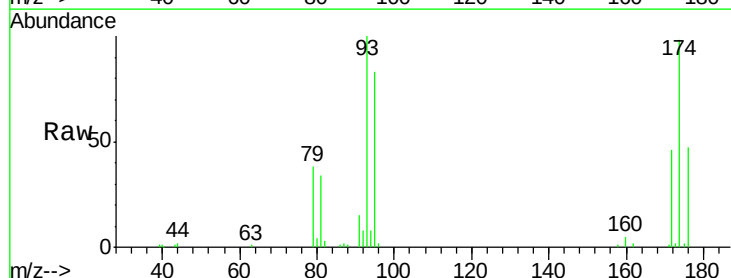
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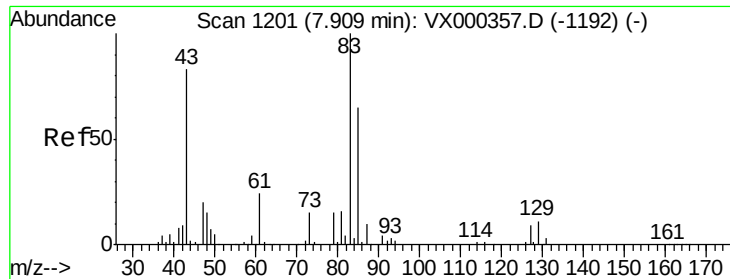
sam
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#46
 Dibromomethane
 Concen: 19.58 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000371.D
 Acq: 20 Mar 2018 20:09

Tgt Ion: 93 Resp: 20348
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.5 99.7
 174 100.2 76.0 114.0





#47

Bromodichloromethane

Concen: 19.89 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000371.D

Acq: 20 Mar 2018 20:09

Instrument :

MSVOA_X

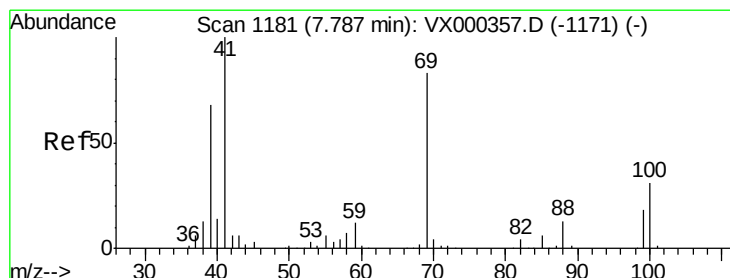
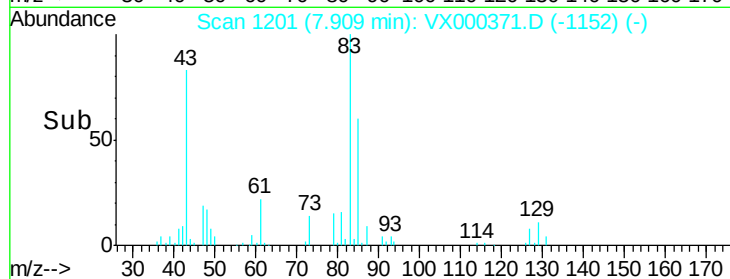
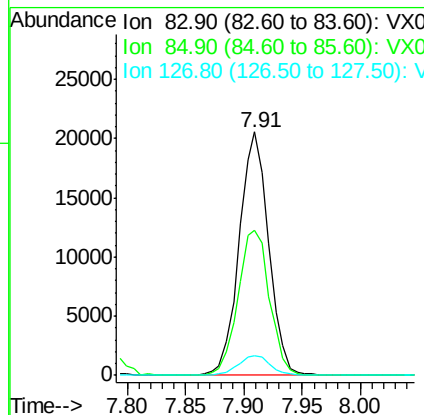
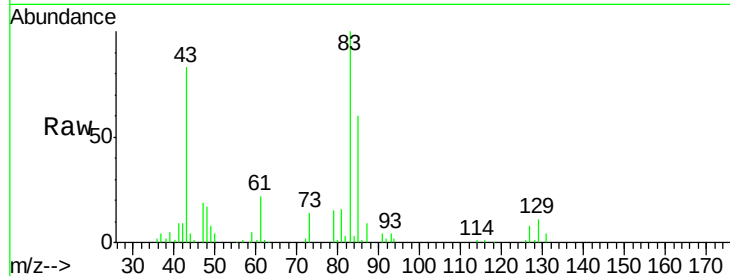
ClientSampleId :

VX0320WBSD01

Tot Ion:	83	Resp:	36357
Ion	Ratio	Lower	Upper
83	100		
85	59.7	51.4	77.0
127	8.2	7.0	10.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.77 ug/l

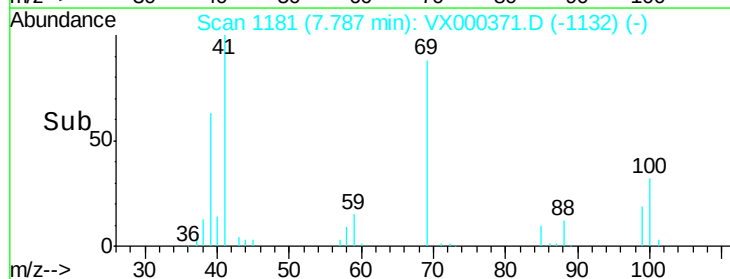
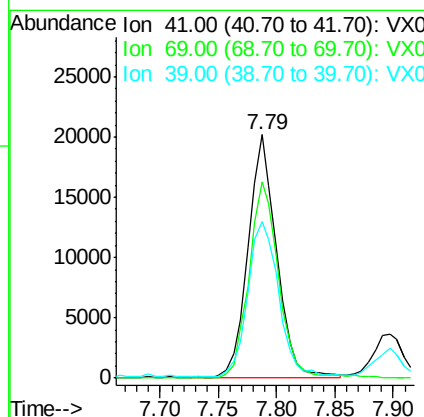
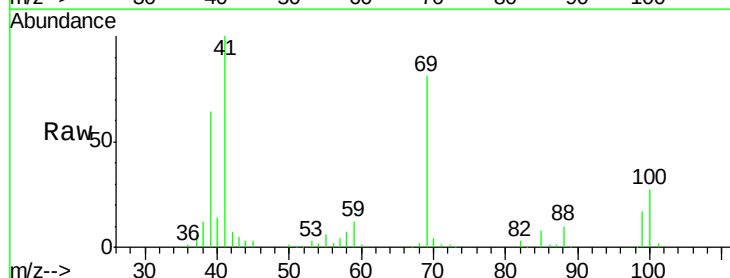
RT: 7.79 min Scan# 1181

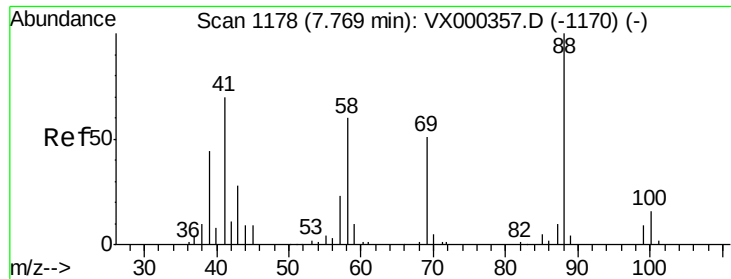
Delta R.T. -0.00 min

Lab File: VX000371.D

Acq: 20 Mar 2018 20:09

Tgt Ion:	41	Resp:	34753
Ion	Ratio	Lower	Upper
41	100		
69	83.7	68.2	102.4
39	68.8	54.6	81.8





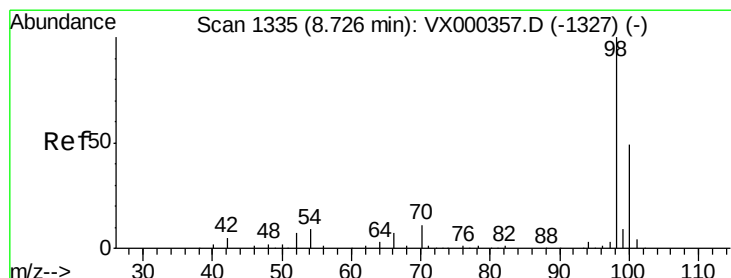
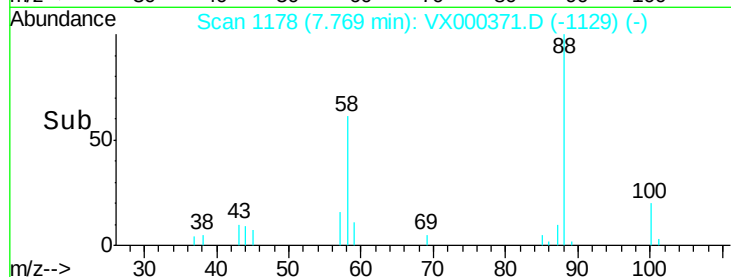
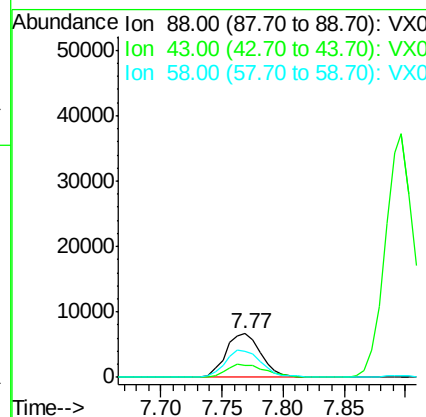
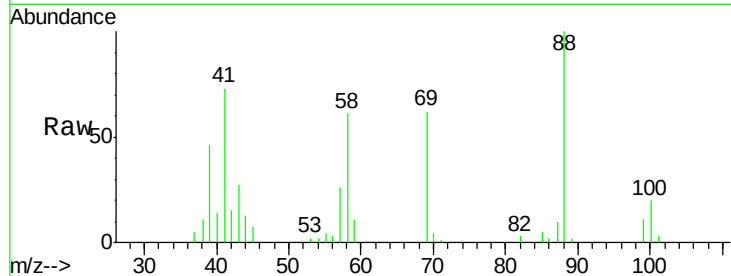
#49
1,4-Dioxane
Concen: 360.35 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VX000371.D
Acq: 20 Mar 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.3	26.8	40.2
58	63.5	52.2	78.2

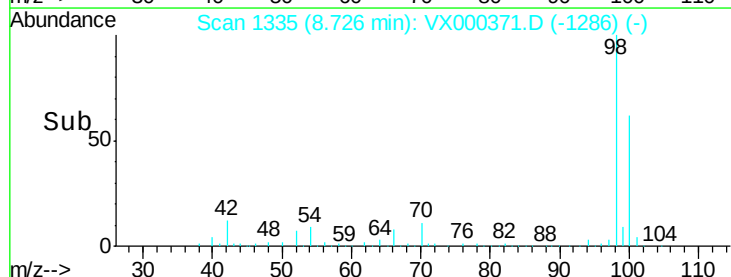
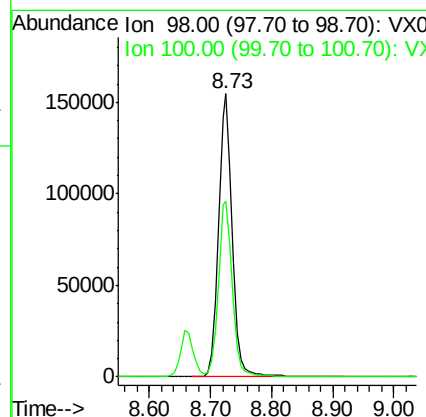
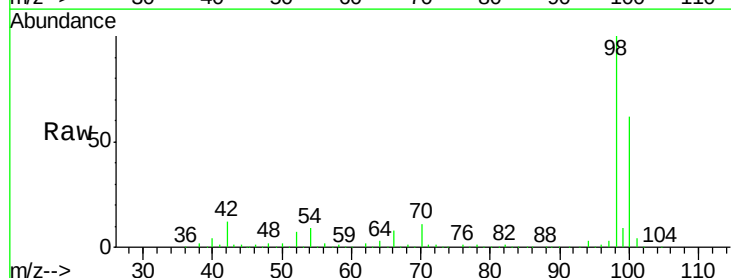
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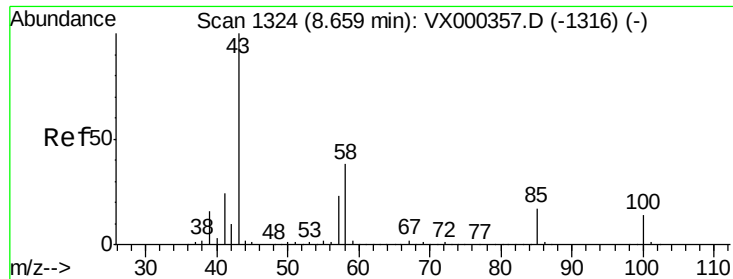
sam
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#50
Toluene-d8
Concen: 50.08 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000371.D
Acq: 20 Mar 2018 20:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 97.34 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000371.D

Acq: 20 Mar 2018 20:09

Instrument :

MSVOA_X

ClientSampled :

VX0320WBSD01

Tot Ion: 43 Resp: 272845

Ion Ratio Lower Upper

43 100

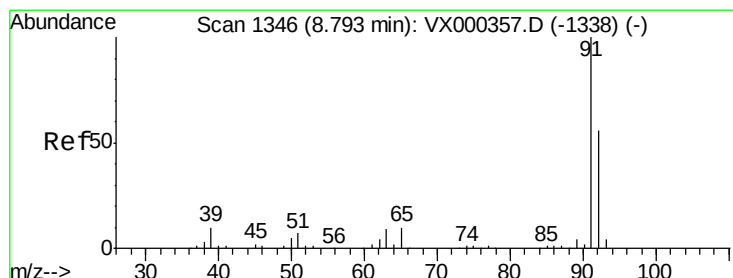
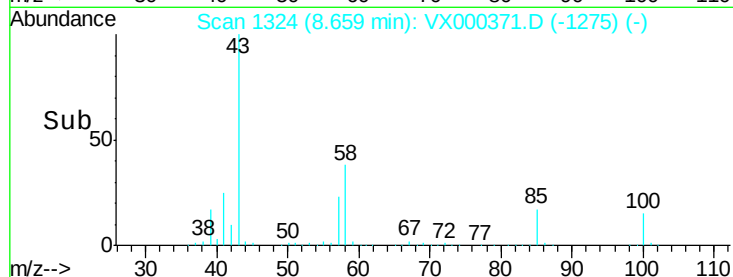
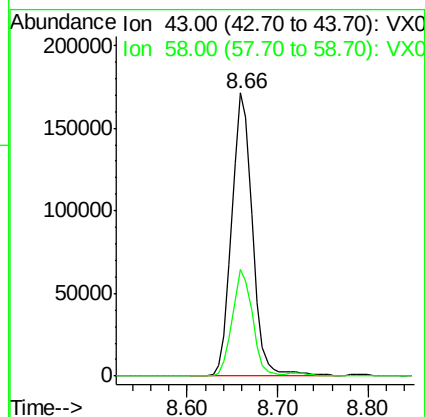
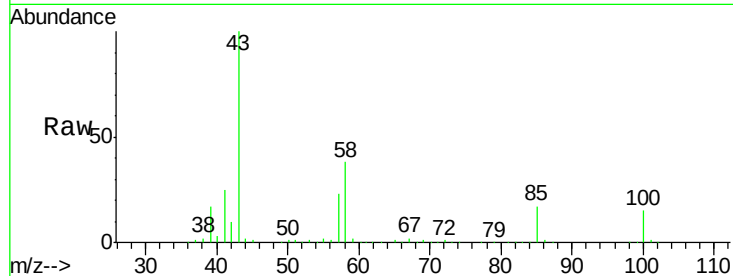
58 36.5 30.3 45.5

Manual Integrations

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#52

Toluene

Concen: 19.00 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000371.D

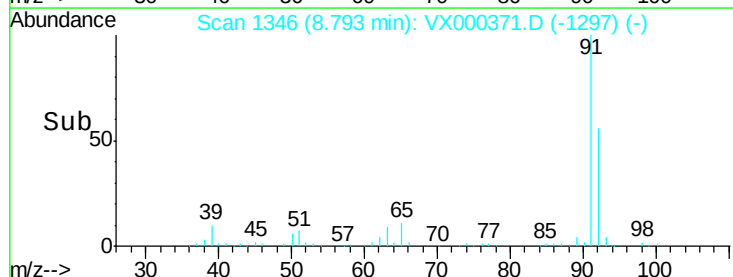
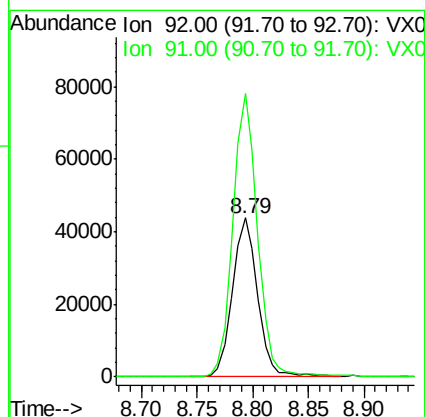
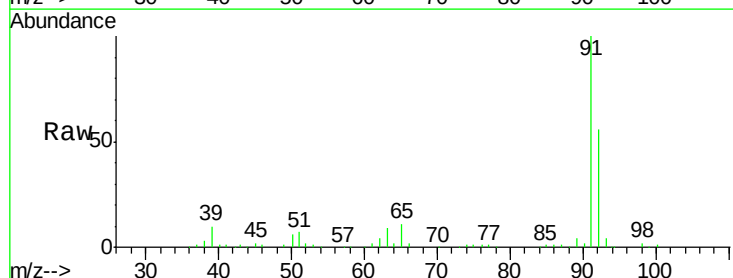
Acq: 20 Mar 2018 20:09

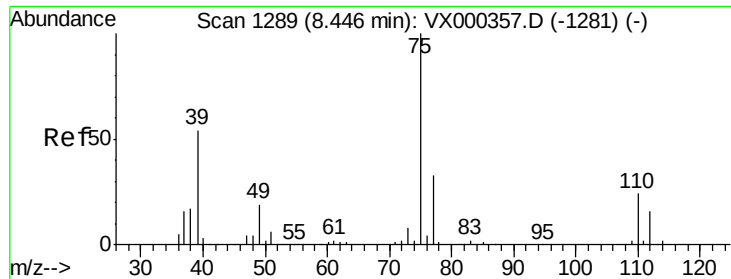
Tgt Ion: 92 Resp: 68698

Ion Ratio Lower Upper

92 100

91 174.9 140.2 210.2





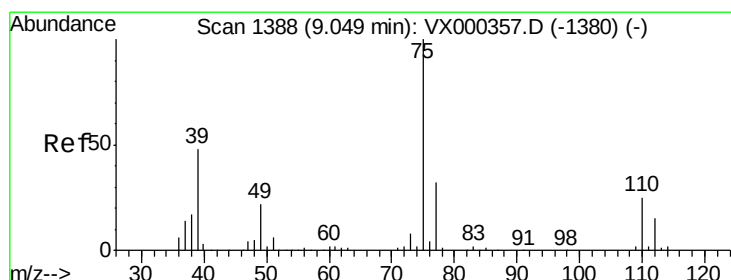
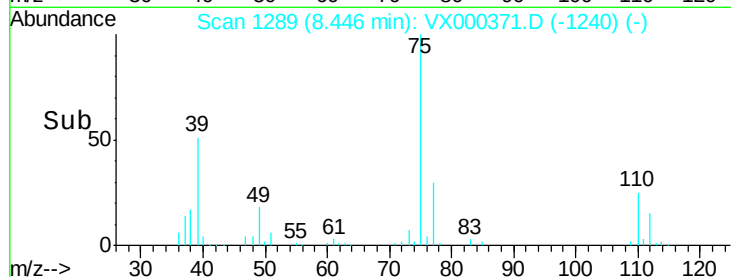
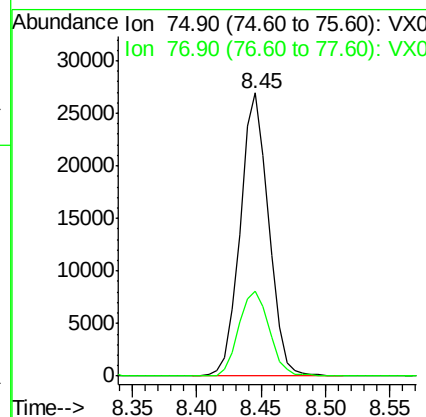
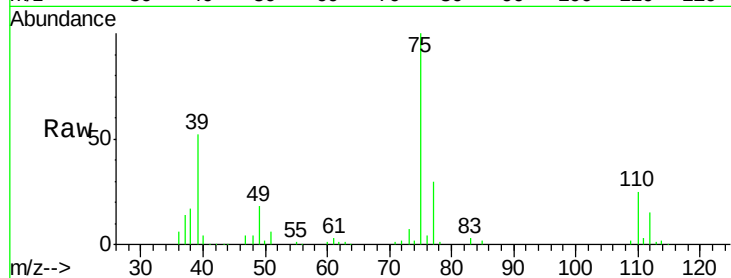
#53
t-1,3-Dichloropropene
Concen: 19.44 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VX000371.D
Acq: 20 Mar 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01

Tot Ion: 75 Resp: 41179
Ion Ratio Lower Upper
75 100
77 29.9 24.0 36.0

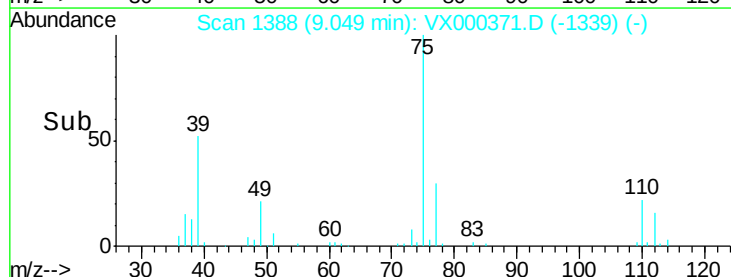
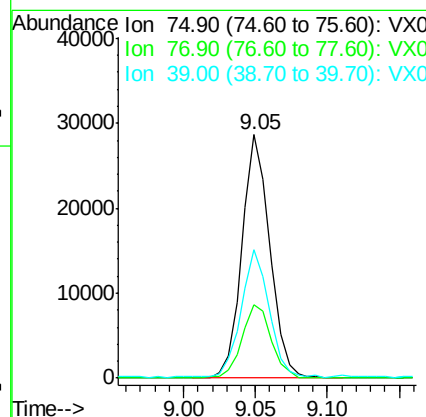
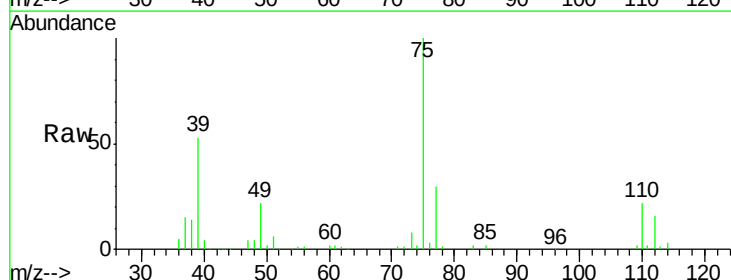
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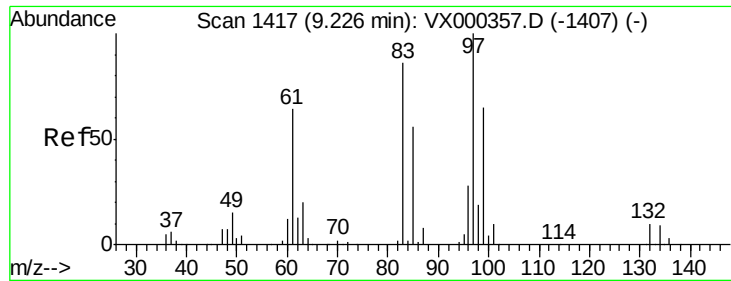
sam
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#54
cis-1,3-Dichloropropene
Concen: 18.77 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX000371.D
Acq: 20 Mar 2018 20:09

Tgt Ion: 75 Resp: 38582
Ion Ratio Lower Upper
75 100
77 30.0 26.1 39.1
39 52.1 39.8 59.6





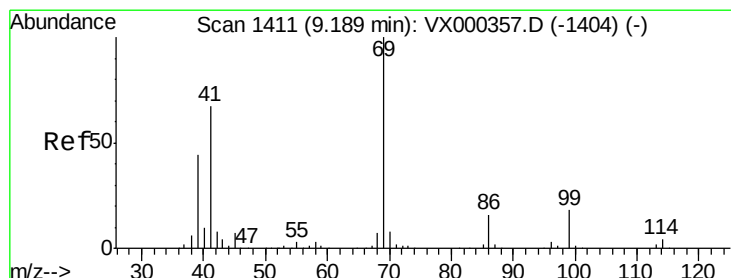
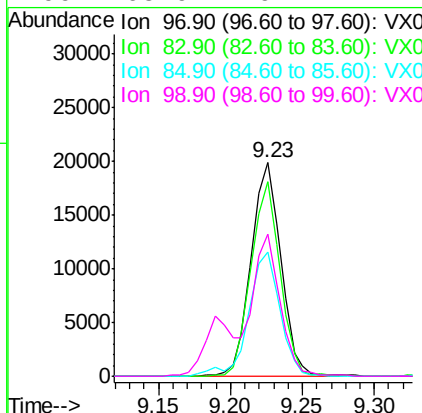
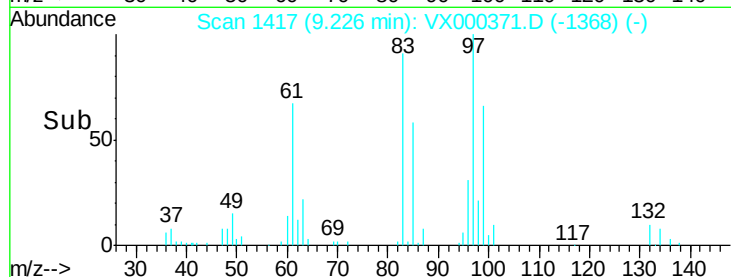
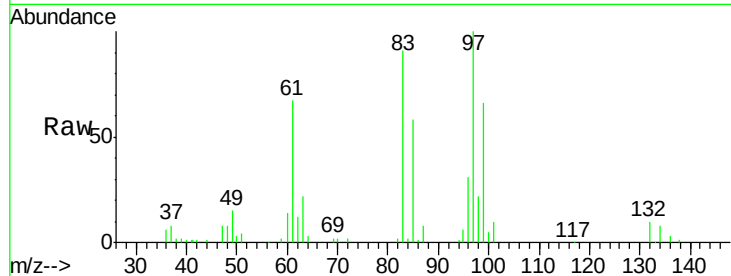
#55
 1,1,2-Trichloroethane
 Concen: 19.12 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000371.D
 Acq: 20 Mar 2018 20:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0320WBSD01

Tot Ion:	97	Resp:	28432
Ion	Ratio	Lower	Upper
97	100		
83	90.9	67.9	101.9
85	58.3	42.8	64.2
99	65.9	49.4	74.2

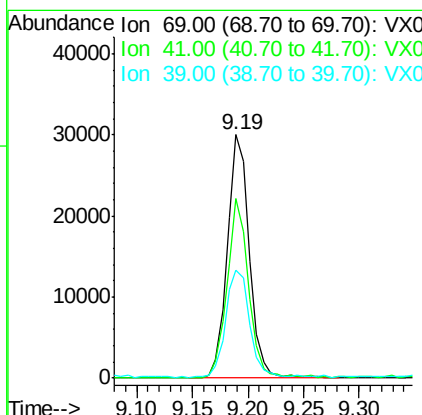
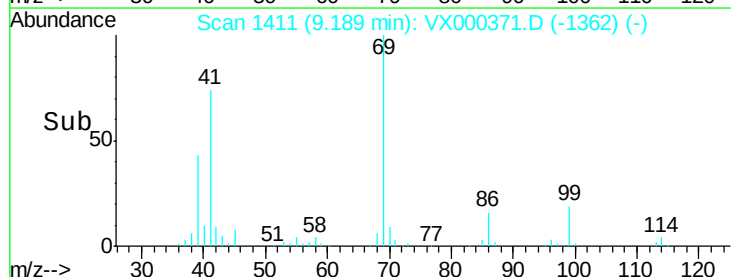
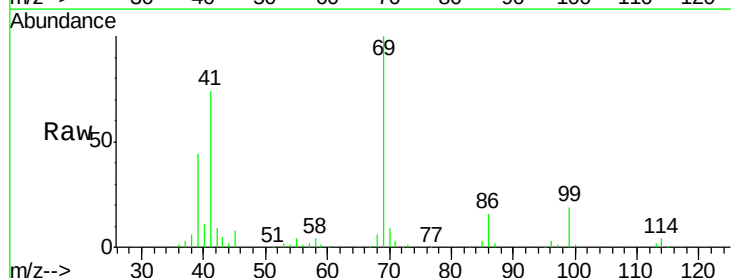
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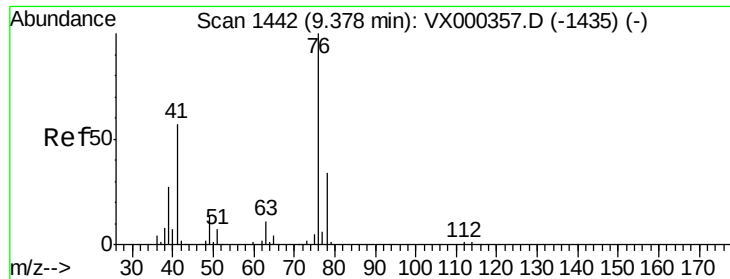
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#56
 Ethyl methacrylate
 Concen: 18.17 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000371.D
 Acq: 20 Mar 2018 20:09

Tgt Ion:	69	Resp:	40931
Ion	Ratio	Lower	Upper
69	100		
41	72.0	53.0	79.6
39	47.8	35.3	52.9





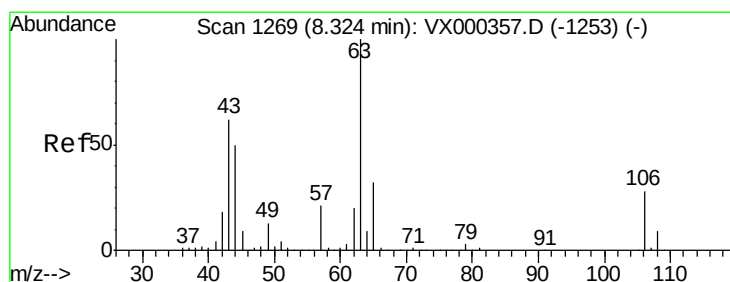
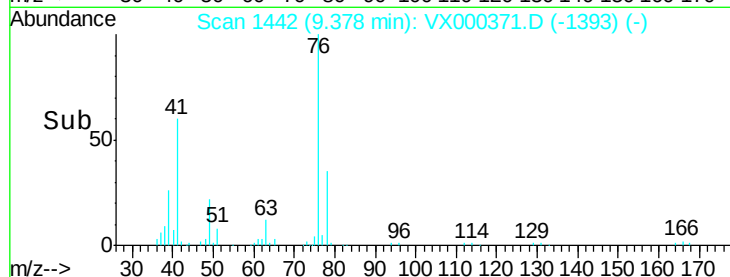
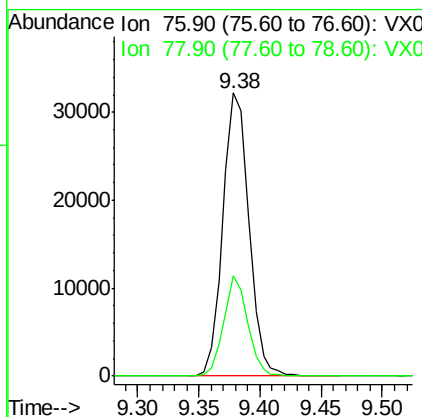
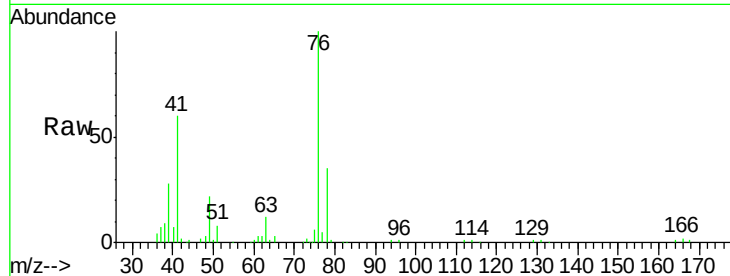
#57
 1,3-Dichloropropane
 Concen: 20.02 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000371.D
 Acq: 20 Mar 2018 20:09

Instrument :
 MSVOA_X
 ClientSampled :
 VX0320WBSD01

Tot Ion: 76 Resp: 47624
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.4 39.6

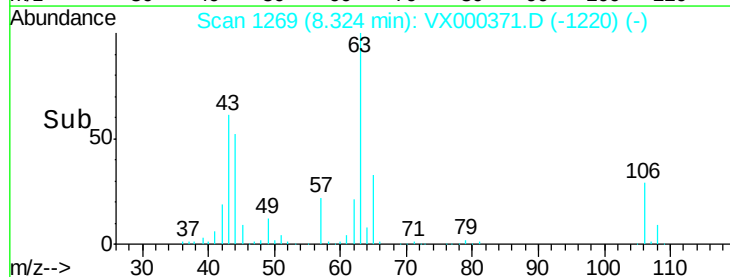
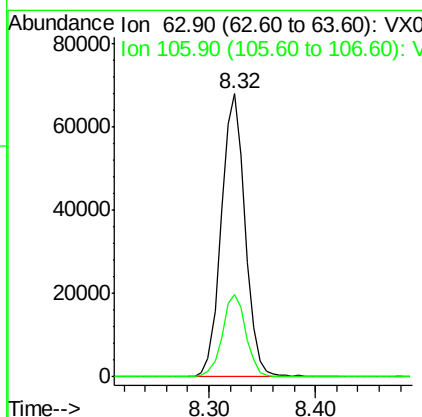
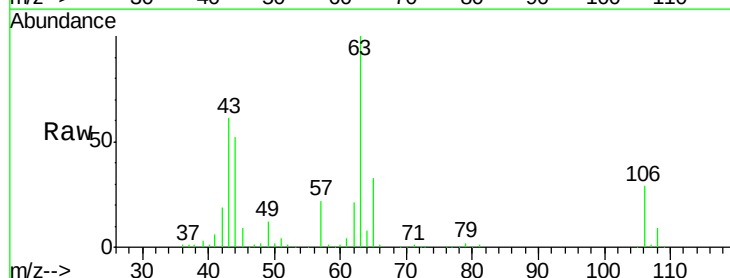
Manual Integrations
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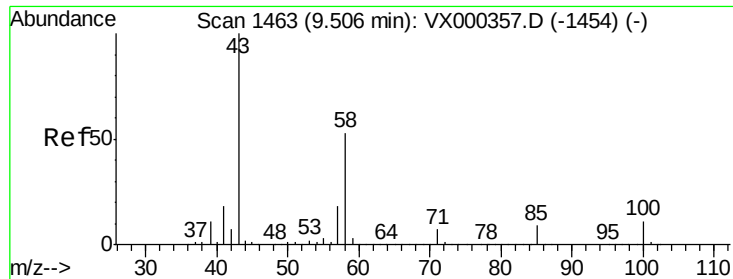
sam
 3/21/2018 11:44:26 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.56 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000371.D
 Acq: 20 Mar 2018 20:09

Tgt Ion: 63 Resp: 106580
 Ion Ratio Lower Upper
 63 100
 106 28.8 23.2 34.8





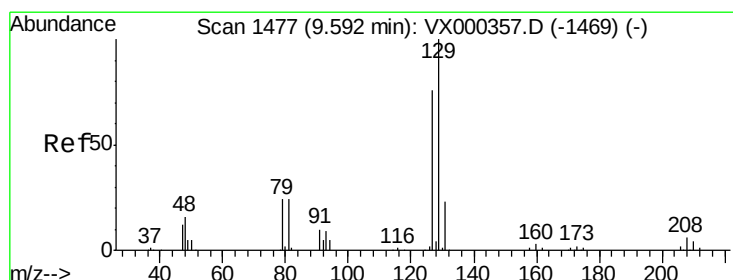
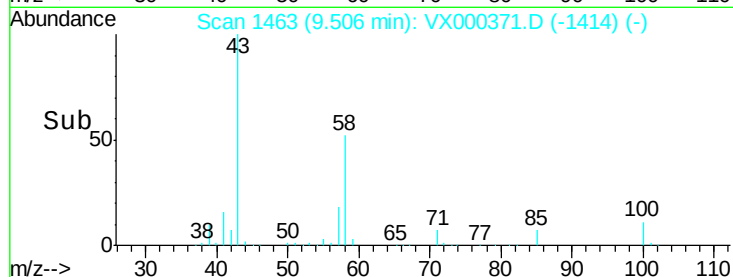
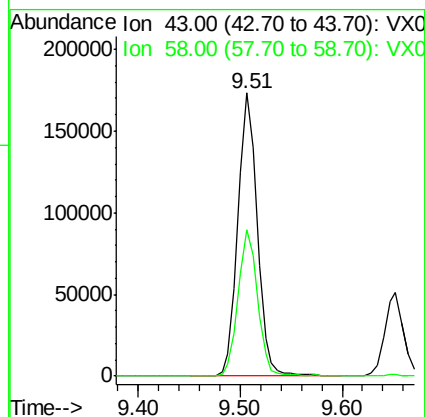
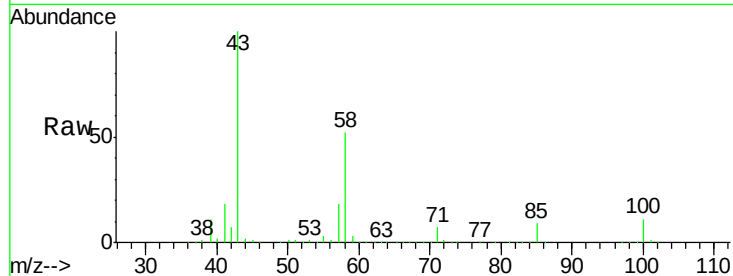
#59
2-Hexanone
Concen: 95.47 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000371.D
Acq: 20 Mar 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01

Tot Ion: 43 Resp: 227232
Ion Ratio Lower Upper
43 100
58 52.0 26.6 79.7

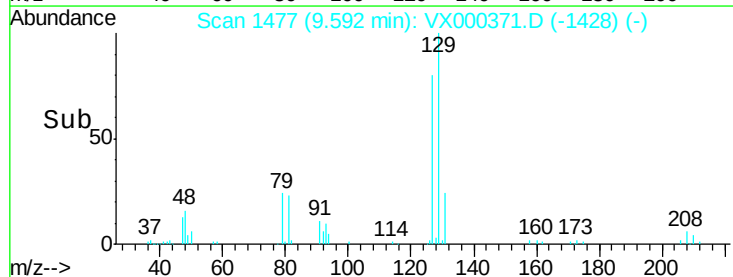
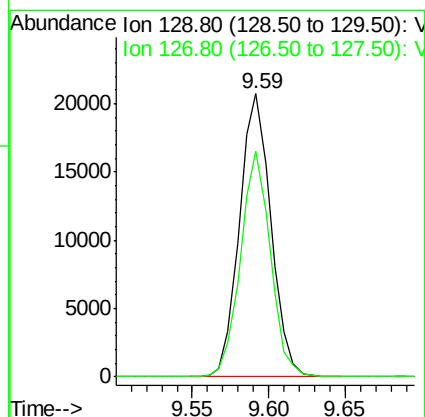
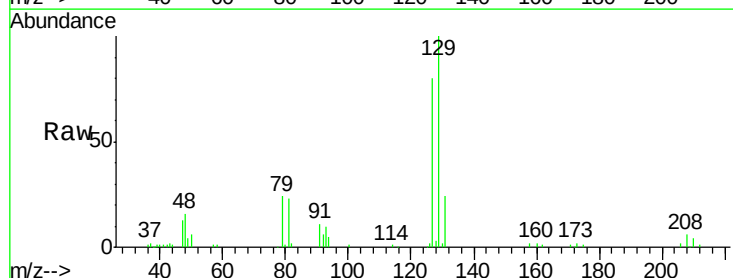
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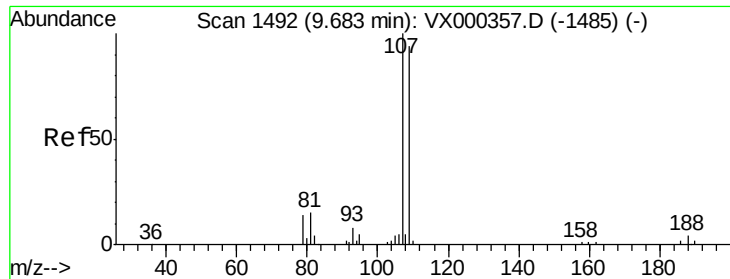
sam
3/21/2018 11:44:26 AM



#60
Dibromochloromethane
Concen: 19.50 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000371.D
Acq: 20 Mar 2018 20:09

Tgt Ion: 129 Resp: 29499
Ion Ratio Lower Upper
129 100
127 75.7 37.9 113.6





#61

1,2-Dibromoethane

Concen: 20.14 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000371.D

Acq: 20 Mar 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

VX0320WBSD01

Tot Ion:107 Resp: 32107

Ion Ratio Lower Upper

107 100

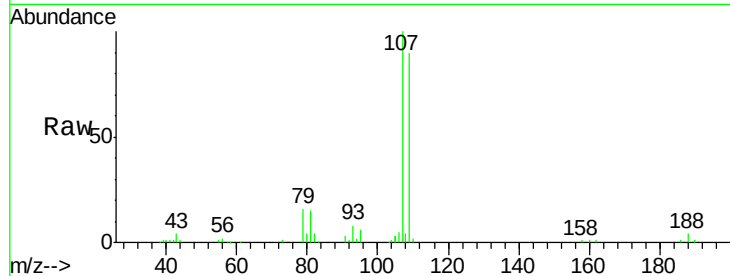
109 92.1 76.1 114.1

Manual Integrations

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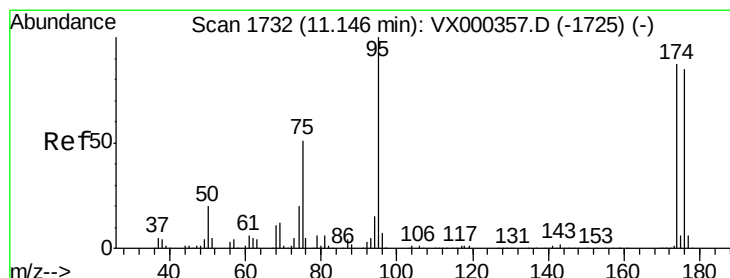
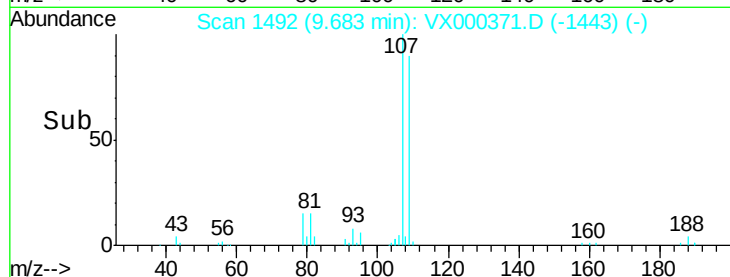
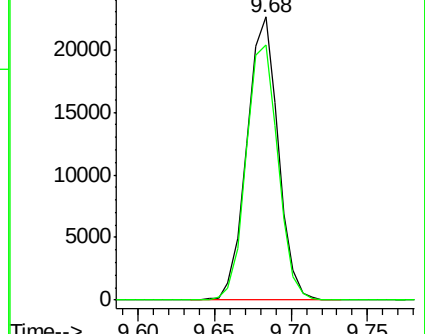
sam

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 43.92 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000371.D

Acq: 20 Mar 2018 20:09

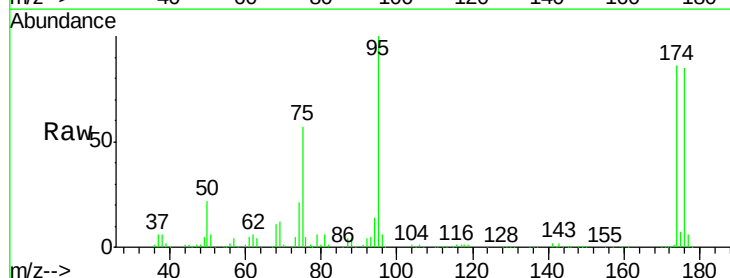
Tgt Ion: 95 Resp: 90287

Ion Ratio Lower Upper

95 100

174 87.1 0.0 173.6

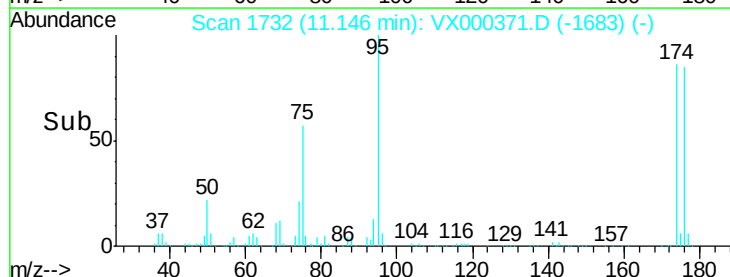
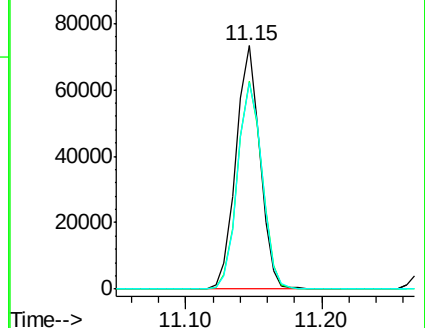
176 86.5 0.0 164.6

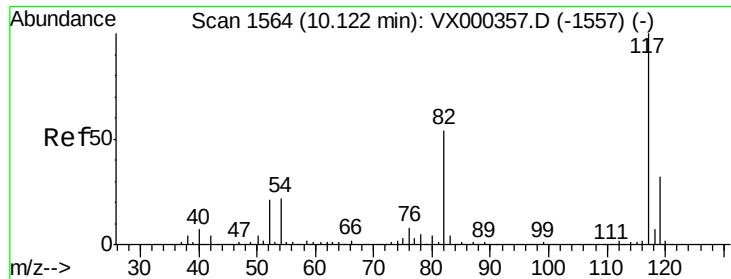


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





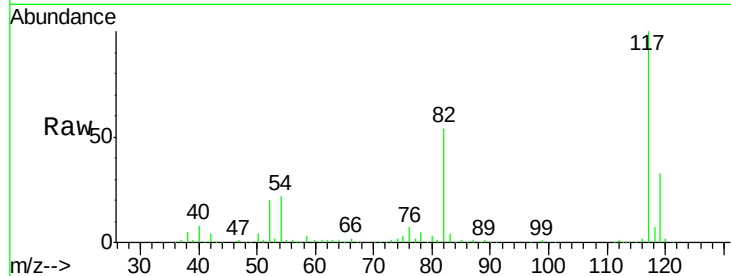
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000371.D
Acq: 20 Mar 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	43.8	65.8
119	32.8	24.9	37.3

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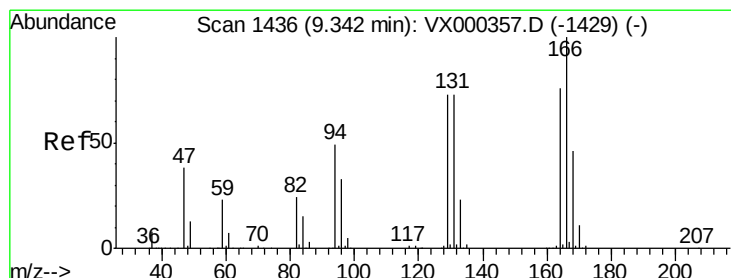
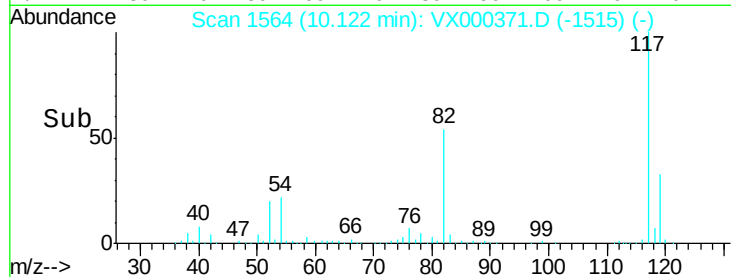
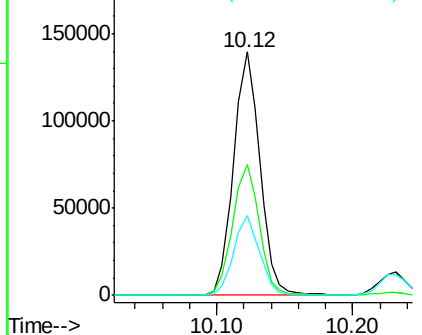


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 19.68 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000371.D
Acq: 20 Mar 2018 20:09

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.0	101.0	151.6
129	90.7	79.0	118.4
131	91.2	71.9	107.9

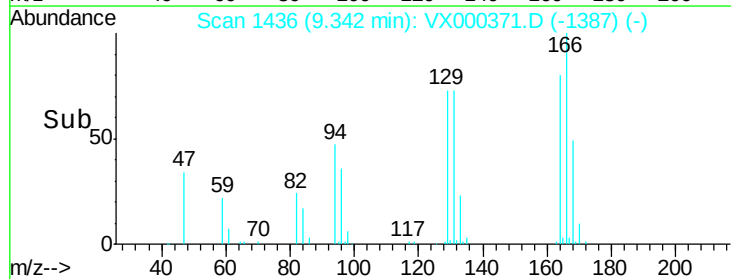
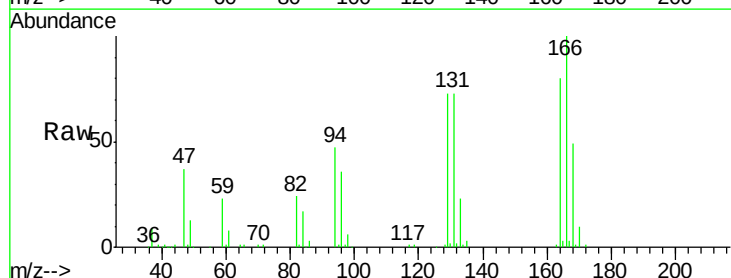
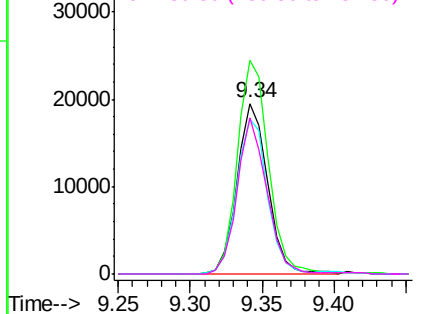
Abundance

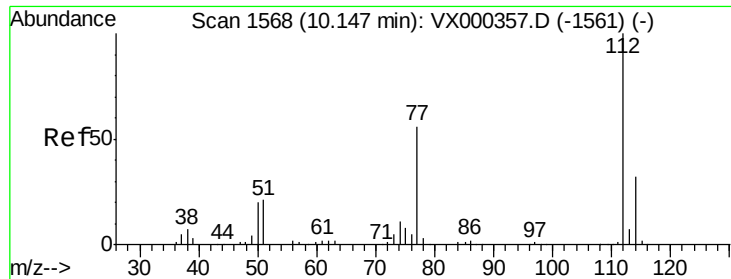
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





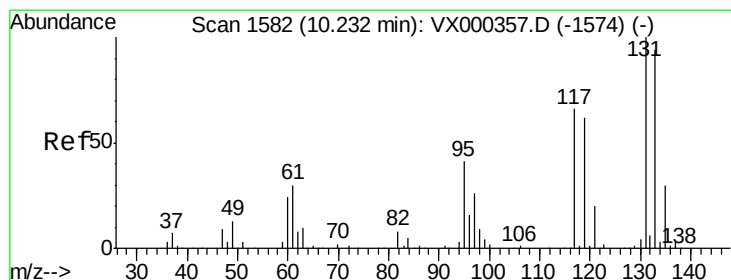
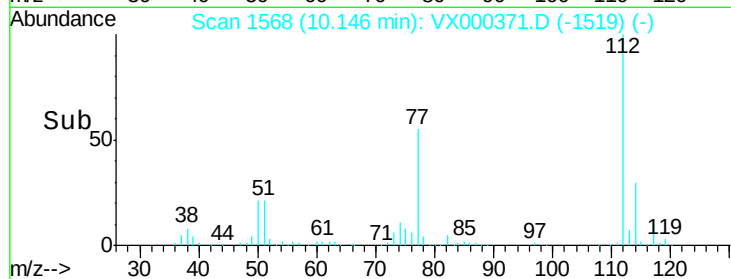
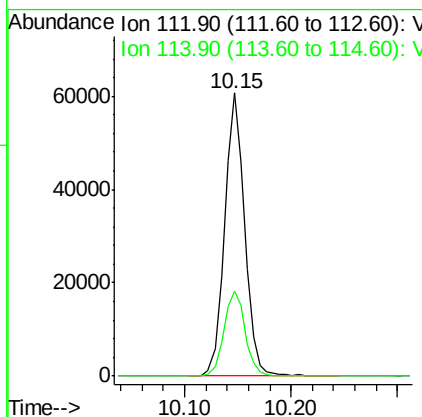
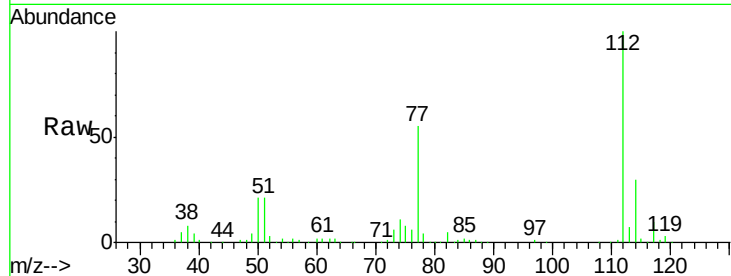
#65
Chlorobenzene
Concen: 18.98 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000371.D
Acq: 20 Mar 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01

Tot Ion:112 Resp: 80001
Ion Ratio Lower Upper
112 100
114 30.0 25.7 38.5

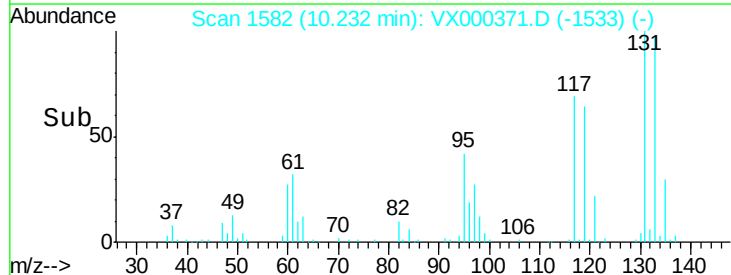
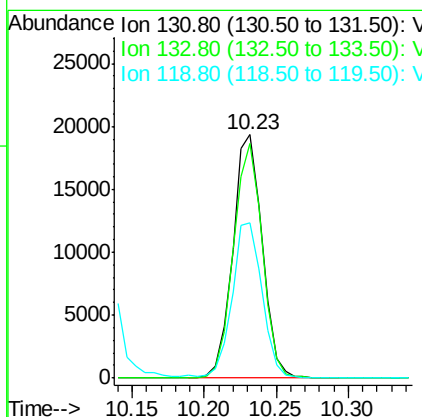
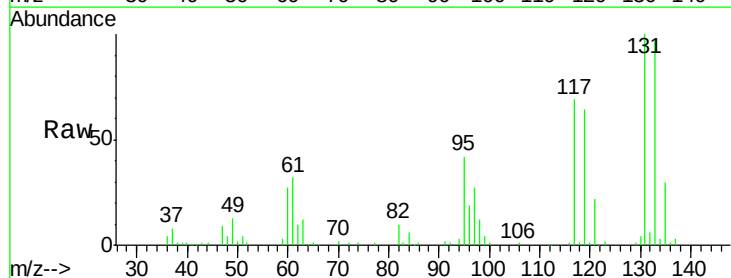
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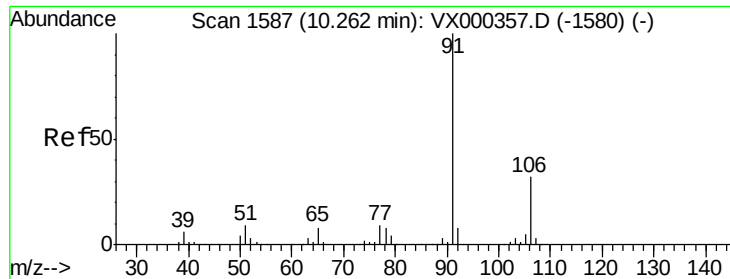
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.29 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000371.D
Acq: 20 Mar 2018 20:09

Tgt Ion:131 Resp: 27602
Ion Ratio Lower Upper
131 100
133 94.5 47.1 141.3
119 64.9 33.1 99.2





#67

Ethyl Benzene

Concen: 19.04 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. -0.00 min

Lab File: VX000371.D

Acq: 20 Mar 2018 20:09

Instrument :

MSVOA_X

ClientSampled :

VX0320WBSD01

Tot Ion: 91 Resp: 136047

Ion Ratio Lower Upper

91 100

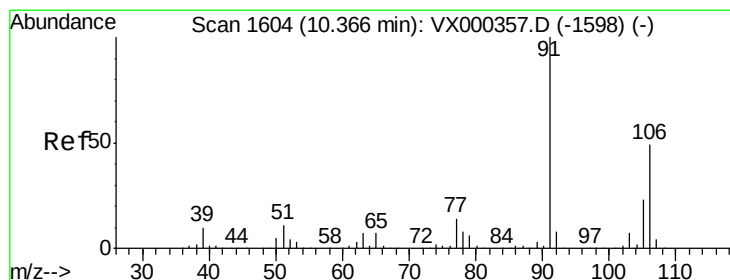
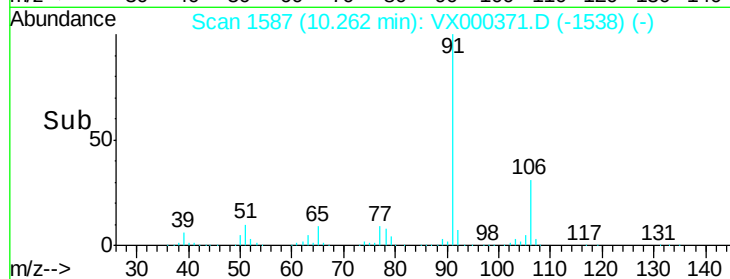
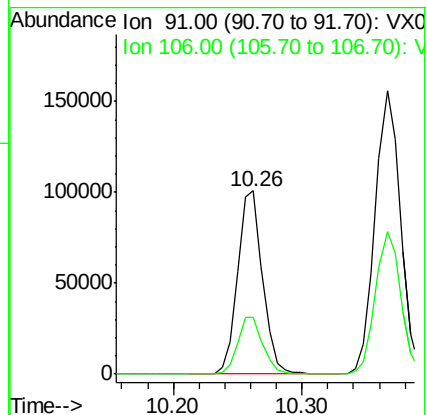
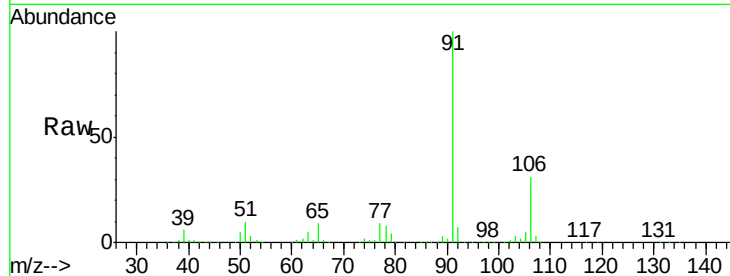
106 30.9 25.0 37.6

Manual Integrations

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#68

m/p-Xylenes

Concen: 37.78 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000371.D

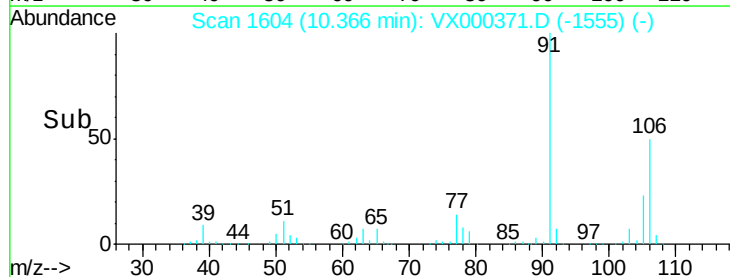
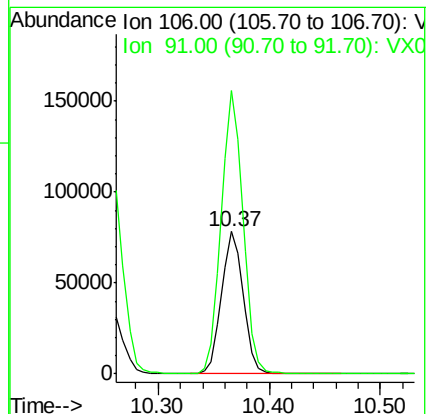
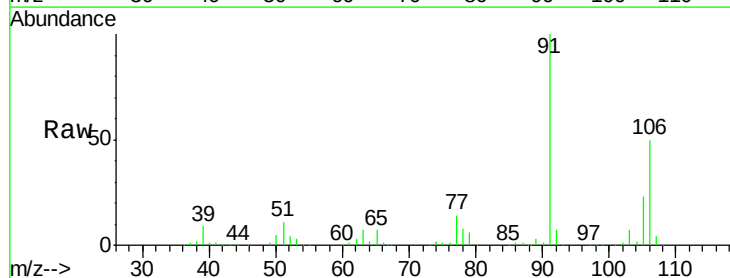
Acq: 20 Mar 2018 20:09

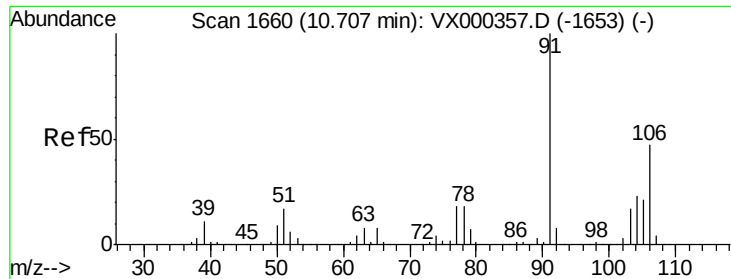
Tgt Ion: 106 Resp: 106206

Ion Ratio Lower Upper

106 100

91 199.3 163.4 245.2





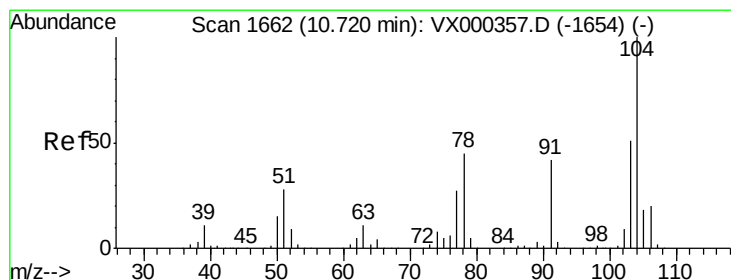
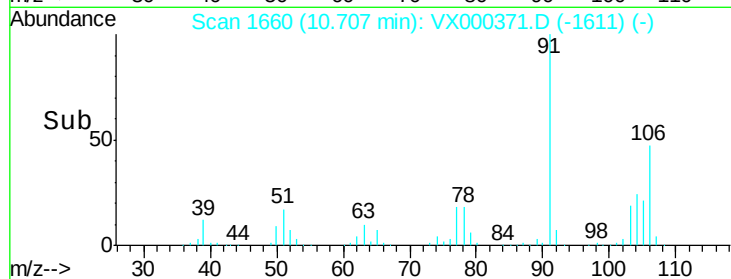
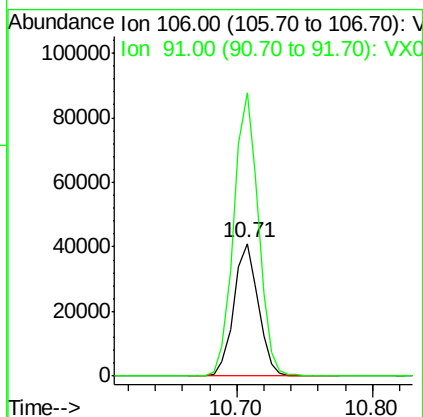
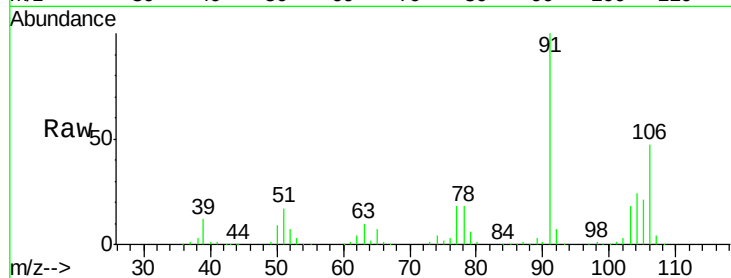
#69
o-Xylene
Concen: 18.90 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000371.D
Acq: 20 Mar 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01

Tot Ion:106 Resp: 51452
Ion Ratio Lower Upper
106 100
91 215.0 106.5 319.6

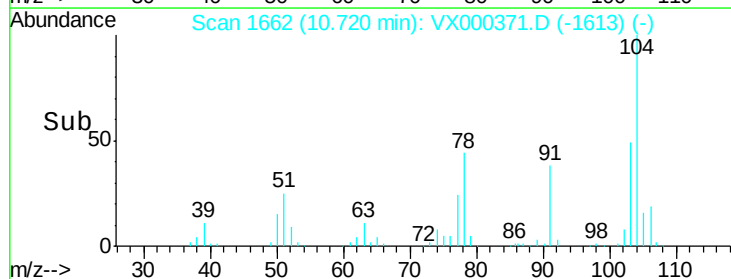
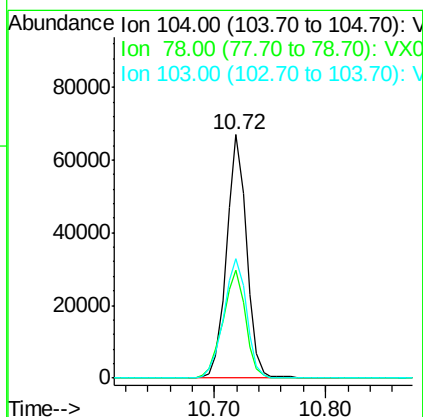
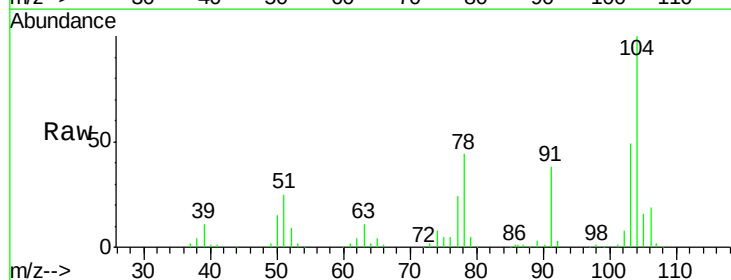
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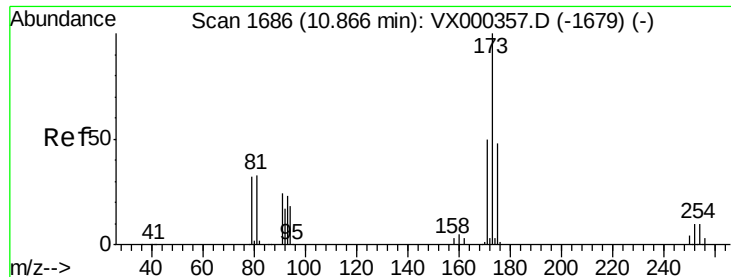
sam
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#70
Styrene
Concen: 18.48 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000371.D
Acq: 20 Mar 2018 20:09

Tgt Ion:104 Resp: 83221
Ion Ratio Lower Upper
104 100
78 50.6 40.5 60.7
103 56.5 45.7 68.5





#71

Bromoform

Concen: 17.95 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000371.D

Acq: 20 Mar 2018 20:09

Instrument :

MSVOA_X

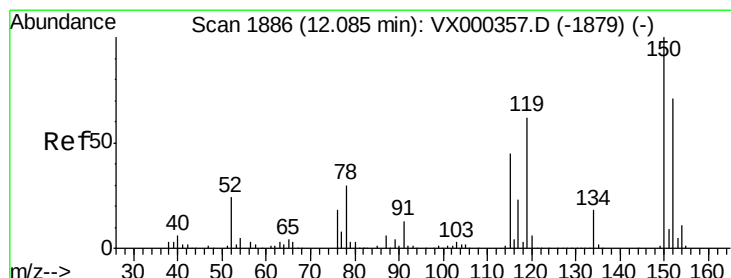
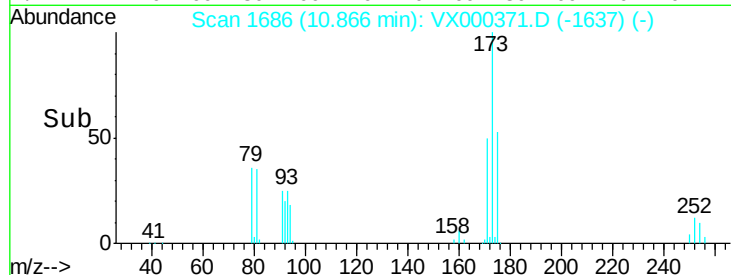
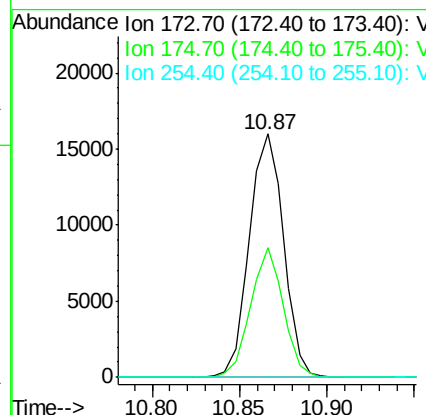
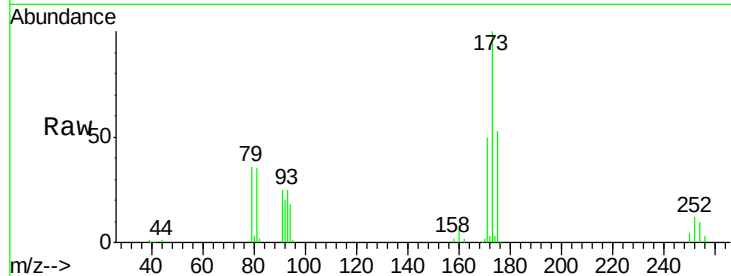
ClientSampleId :

VX0320WBSD01

Tot Ion:173	Resp:	21727
Ion Ratio	Lower	Upper
173	100	
175	50.8	25.4 76.4
254	0.0	0.0 0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

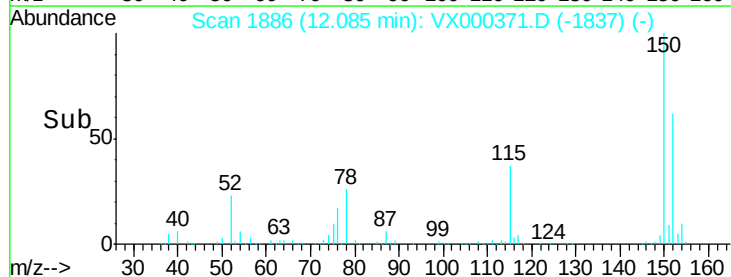
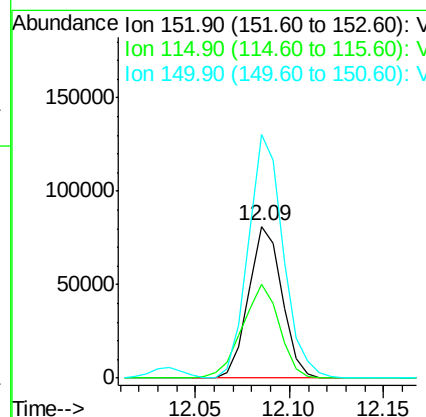
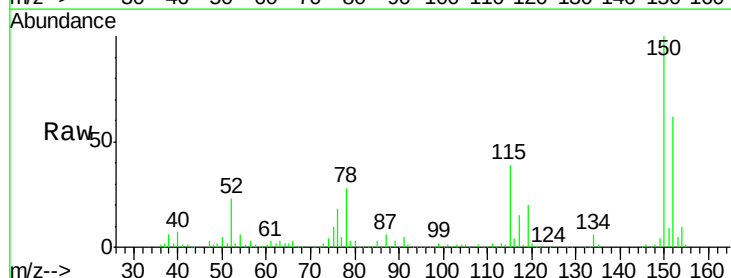
RT: 12.09 min Scan# 1886

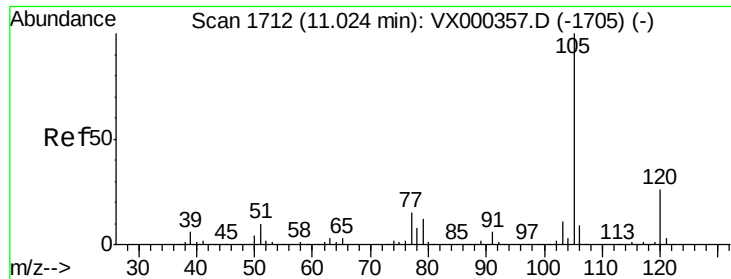
Delta R.T. -0.00 min

Lab File: VX000371.D

Acq: 20 Mar 2018 20:09

Tgt Ion:152	Resp:	100207
Ion Ratio	Lower	Upper
152	100	
115	68.4	39.8 119.3
150	166.9	0.0 344.4





#73

Isopropylbenzene

Concen: 21.01 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000371.D

Acq: 20 Mar 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

VX0320WBSD01

Tot Ion: 105 Resp: 139498

Ion Ratio Lower Upper

105 100

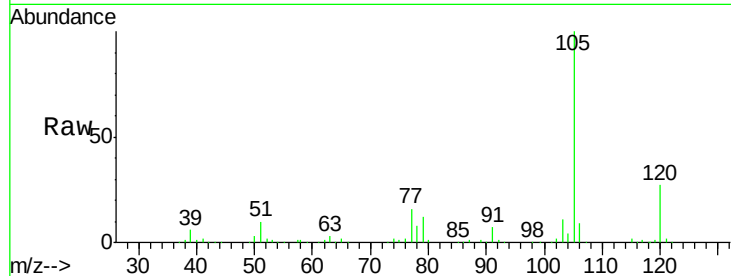
120 26.7 13.6 40.7

Manual Integrations

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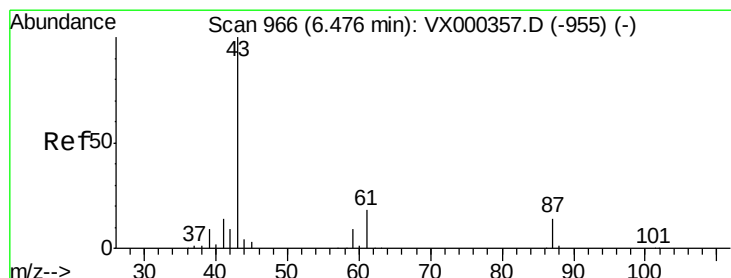
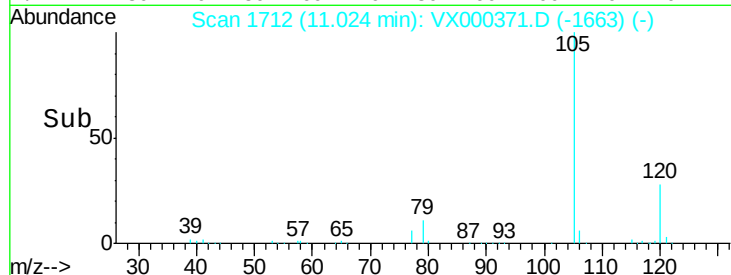
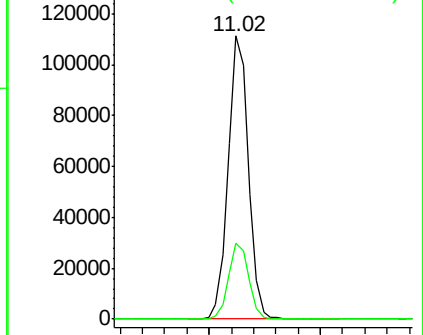
sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 22.66 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX000371.D

Acq: 20 Mar 2018 20:09

Tgt Ion: 43 Resp: 70779

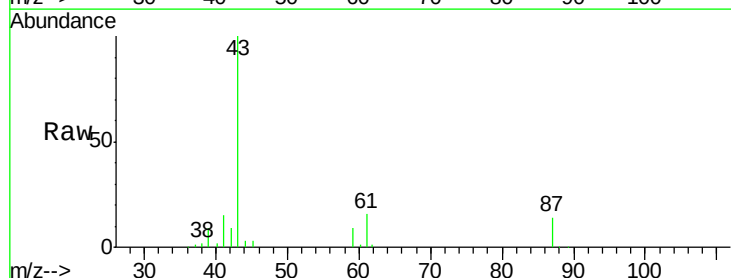
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 17.4 14.4 21.6

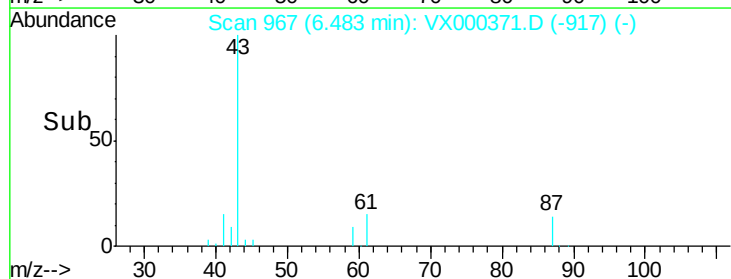
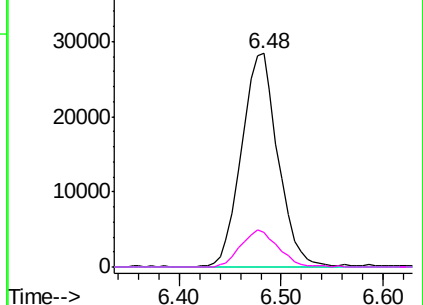


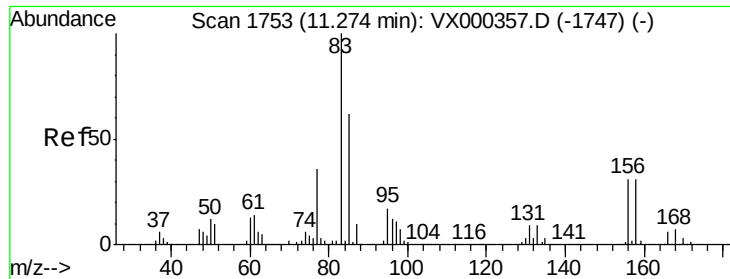
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.08 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000371.D

Acq: 20 Mar 2018 20:09

Instrument :

MSVOA_X

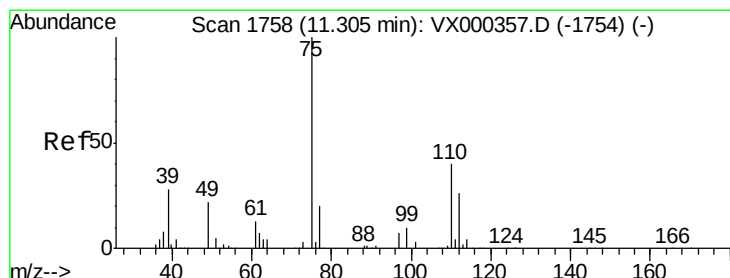
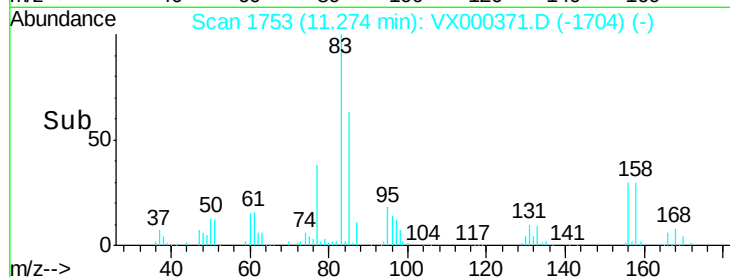
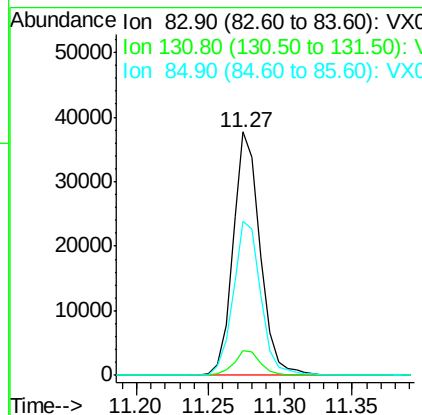
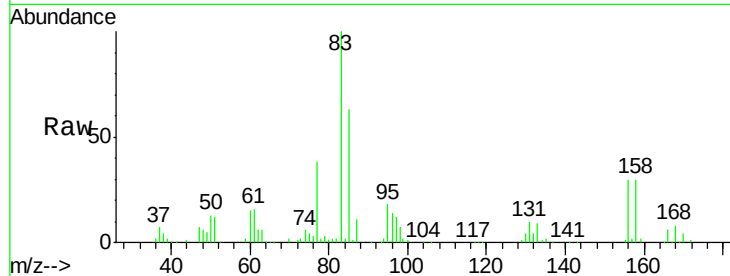
ClientSampleId :

VX0320WBSD01

Tot Ion	83	Resp	49494
Ion Ratio	100	Lower	Upper
83	100		
131	9.8	5.0	14.9
85	64.6	32.5	97.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.64 ug/l m

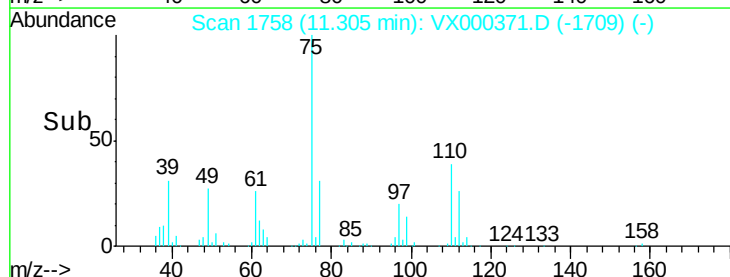
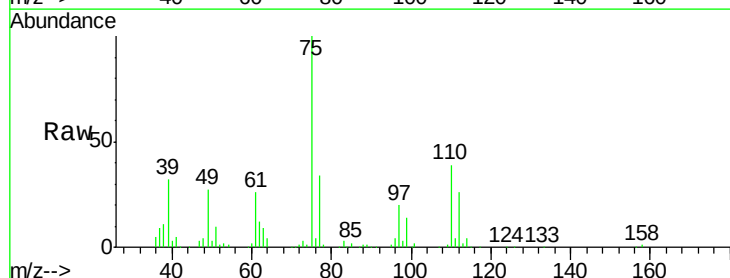
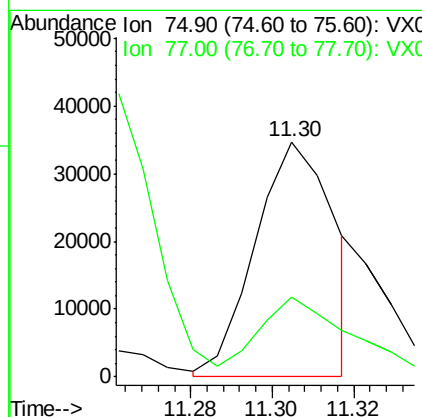
RT: 11.30 min Scan# 1758

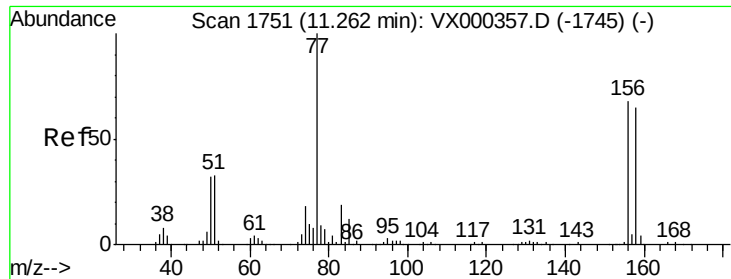
Delta R.T. -0.00 min

Lab File: VX000371.D

Acq: 20 Mar 2018 20:09

Tgt Ion	75	Resp	46605
Ion Ratio	100	Lower	Upper
75	100		
77	40.6	21.4	64.2





#77

Bromobenzene

Concen: 20.33 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000371.D

Acq: 20 Mar 2018 20:09

Instrument :

MSVOA_X

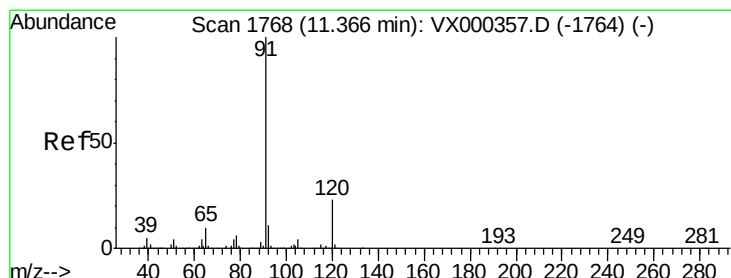
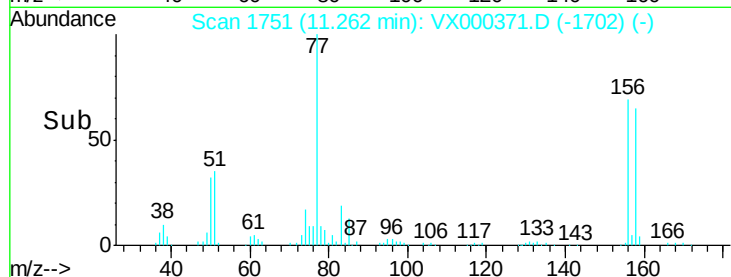
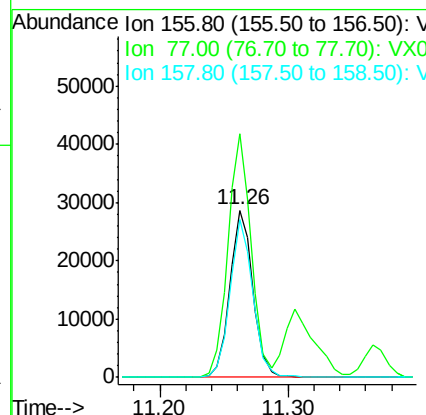
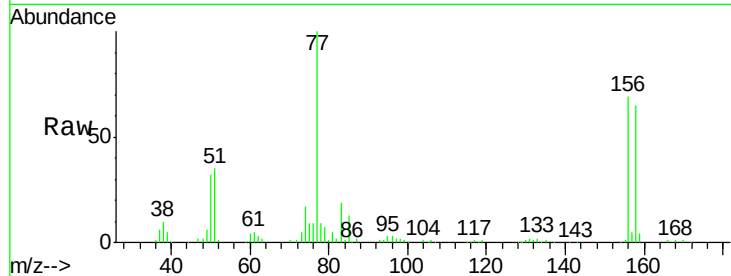
ClientSampleId :

VX0320WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	147.2	73.4	220.2
158	93.8	48.5	145.6

Manual Integrations
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sam
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#78

n-propylbenzene

Concen: 20.19 ug/l

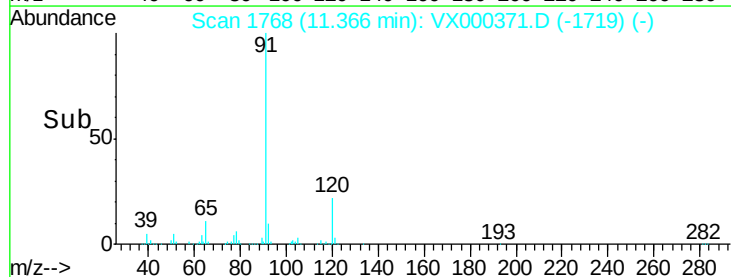
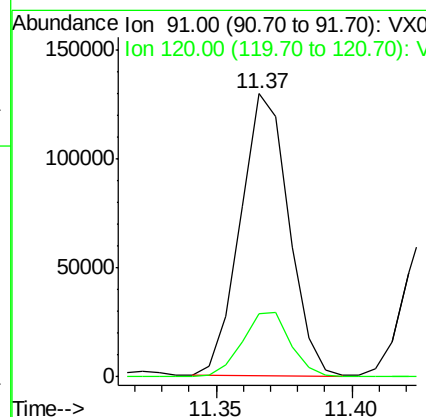
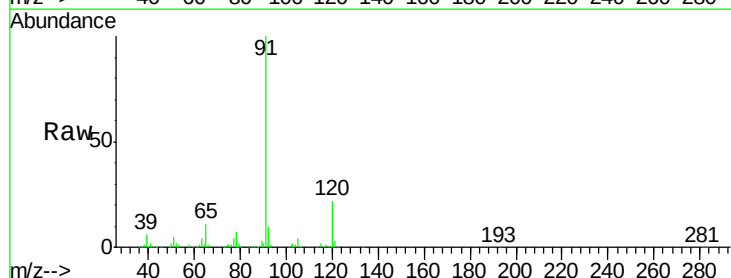
RT: 11.37 min Scan# 1768

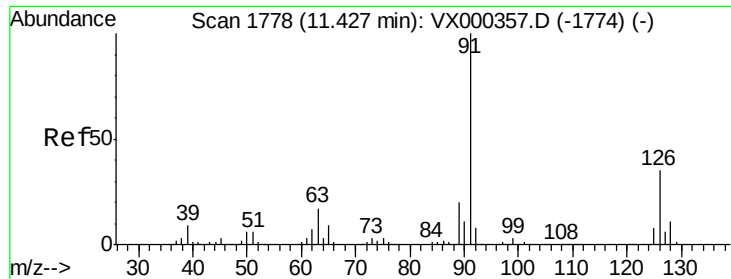
Delta R.T. -0.00 min

Lab File: VX000371.D

Acq: 20 Mar 2018 20:09

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.8	35.3





#79

2-Chlorotoluene

Concen: 19.88 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000371.D

Acq: 20 Mar 2018 20:09

Instrument :

MSVOA_X

ClientSampled :

VX0320WBSD01

Tot Ion: 91 Resp: 90920

Ion Ratio Lower Upper

91 100

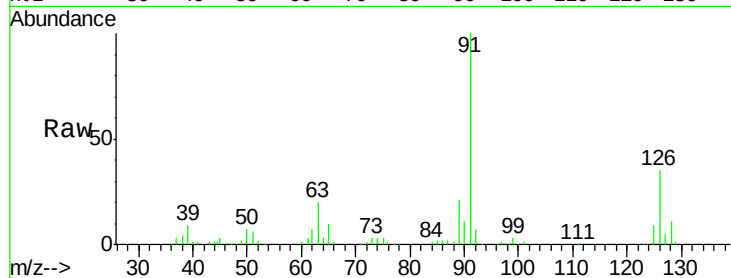
126 35.3 17.7 53.1

Manual Integrations

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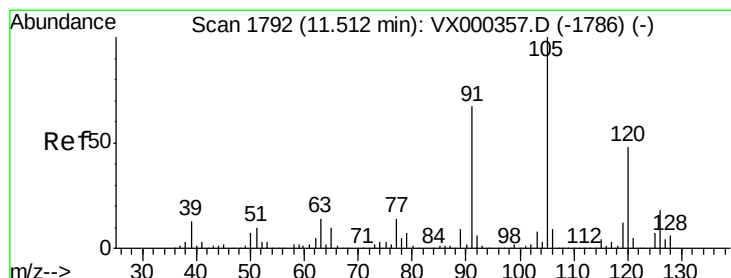
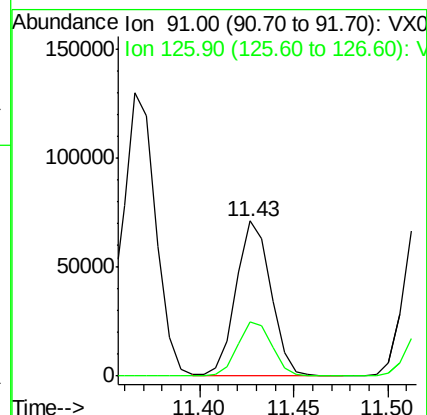
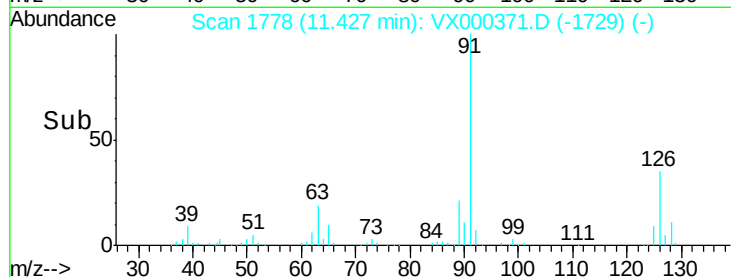
sam

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Abundance Ion 91.00 (90.70 to 91.70): VX000371.D (-1729) (-)

Ion 125.90 (125.60 to 126.60): VX000371.D (-1729) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.51 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000371.D

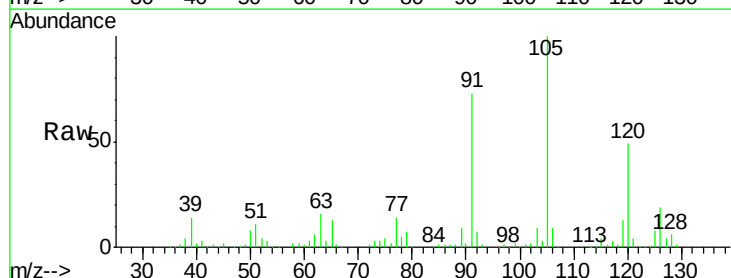
Acq: 20 Mar 2018 20:09

Tgt Ion: 105 Resp: 114521

Ion Ratio Lower Upper

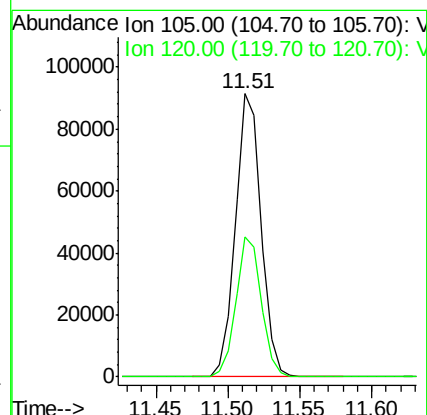
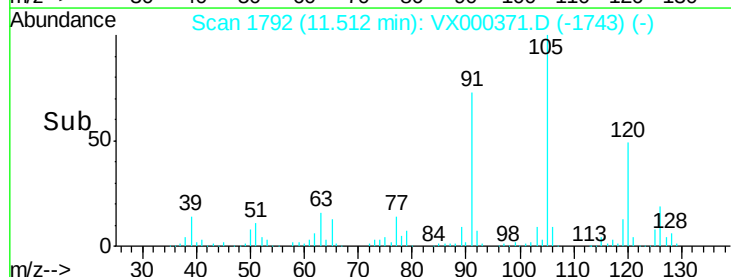
105 100

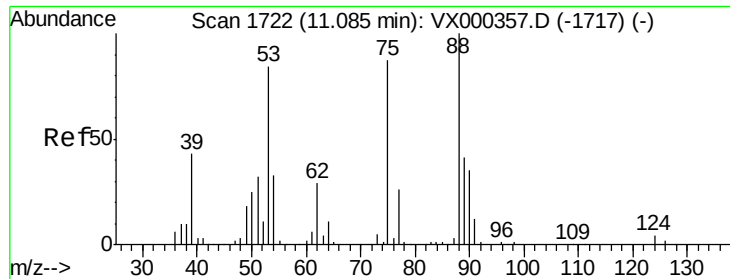
120 48.7 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VX000371.D (-1743) (-)

Ion 120.00 (119.70 to 120.70): VX000371.D (-1743) (-)





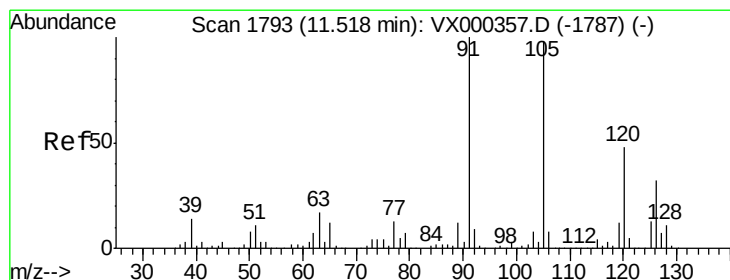
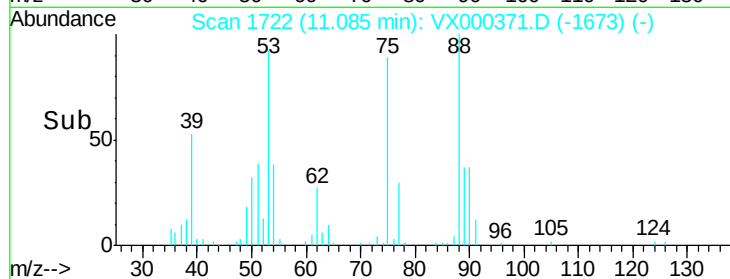
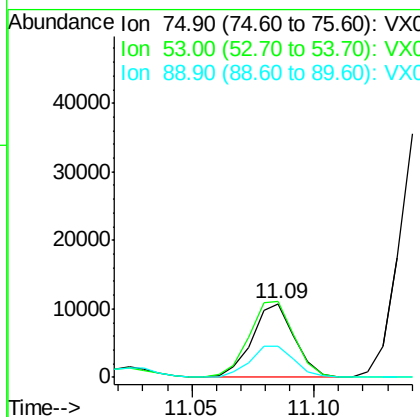
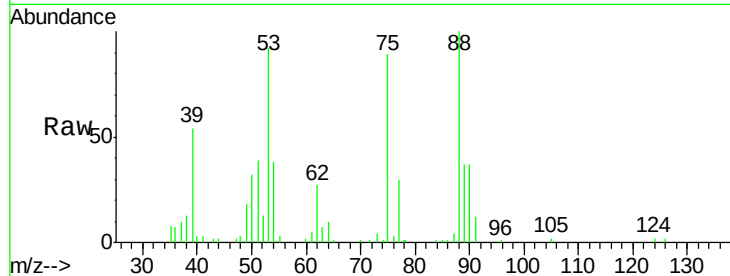
#81
trans-1,4-Dichloro-2-butene
Concen: 19.61 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. -0.00 min
Lab File: VX000371.D
Acq: 20 Mar 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	108.2	80.7	121.1
89	44.2	39.4	59.0

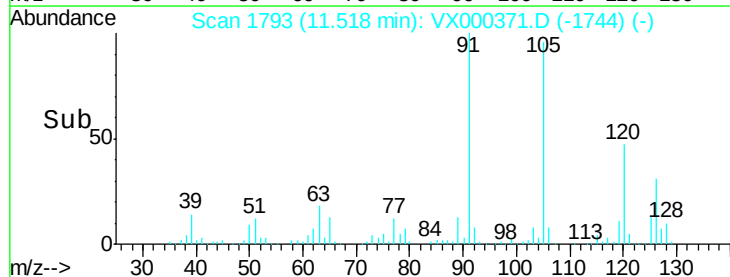
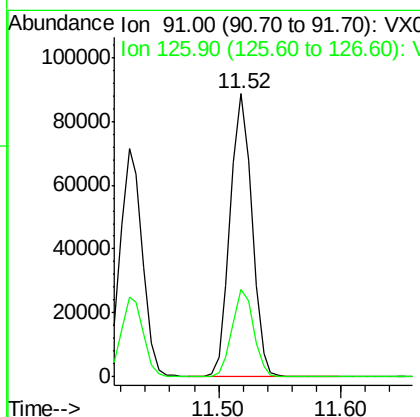
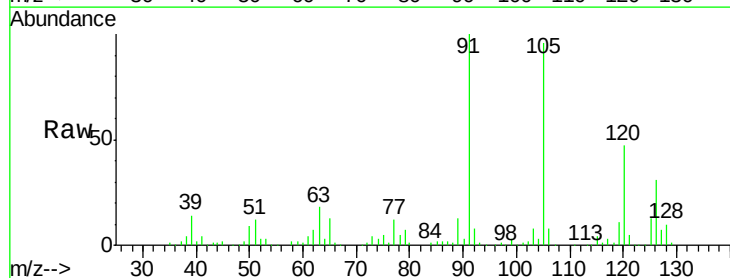
Manual Integrations
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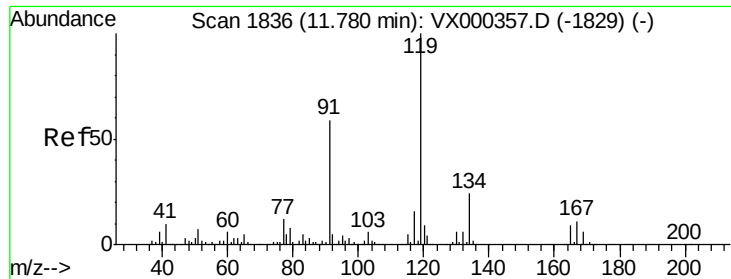
sam
3/21/2018 11:44:26 AM



#82
4-Chlorotoluene
Concen: 19.98 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000371.D
Acq: 20 Mar 2018 20:09

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.4	46.1





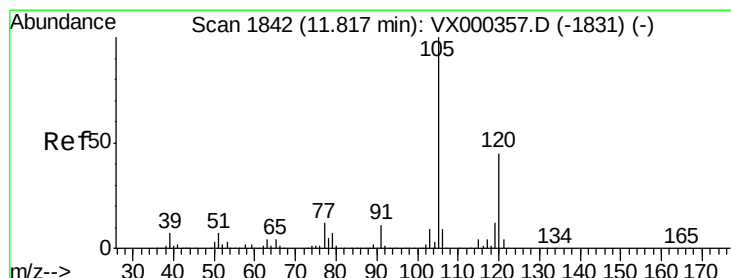
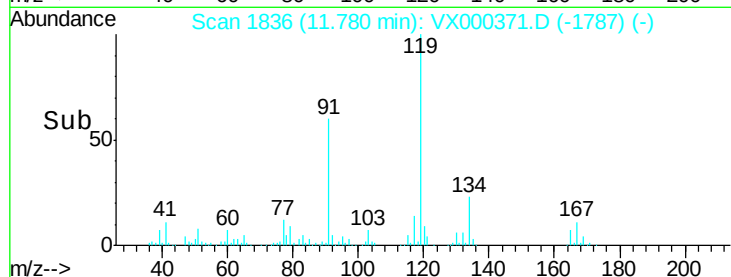
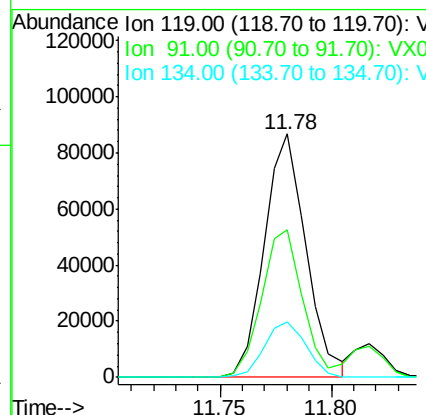
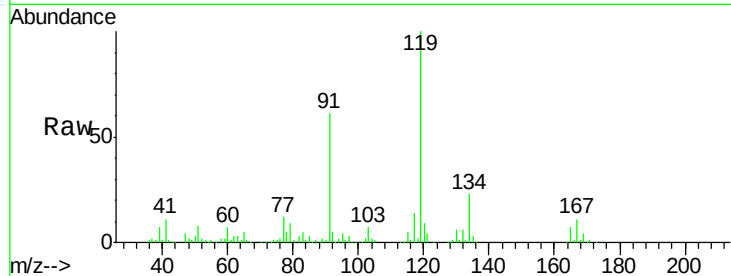
#83
 tert-Butylbenzene
 Concen: 20.05 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000371.D
 Acq: 20 Mar 2018 20:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0320WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	112904		
91	59.2		28.8	86.4
134	23.0		11.4	34.1

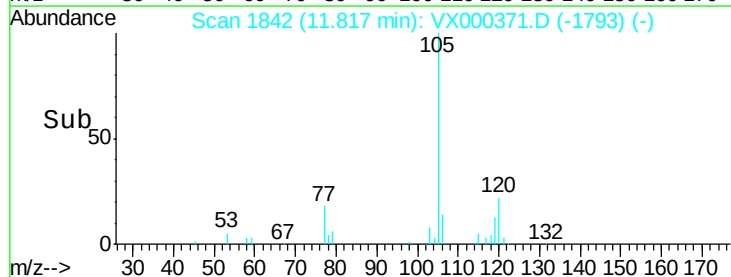
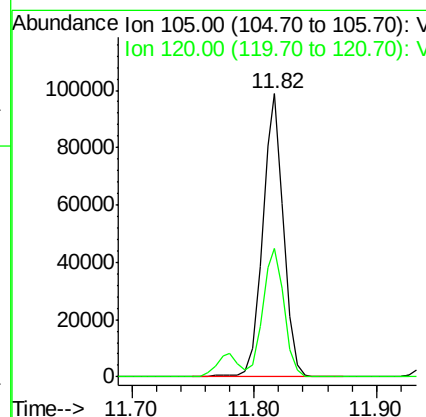
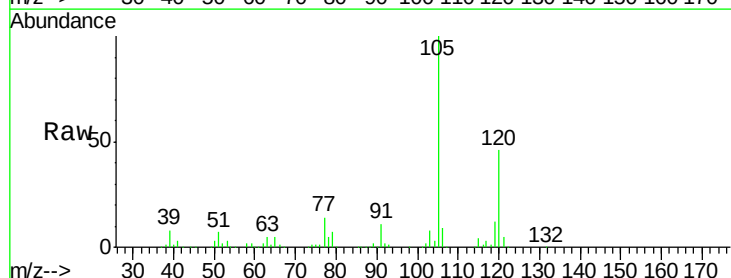
Manual Integrations
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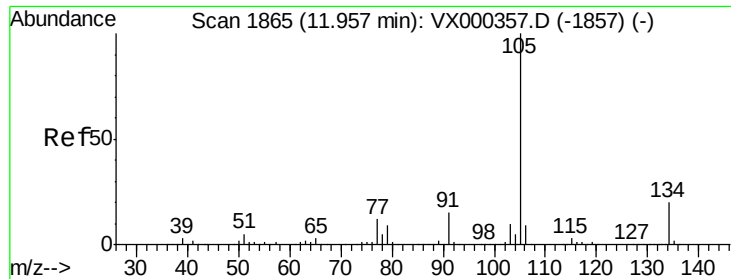
sam
 3/21/2018 11:44:26 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 19.95 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000371.D
 Acq: 20 Mar 2018 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	116769		
120	46.4		22.4	67.3





#85

sec-Butylbenzene

Concen: 20.28 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VX000371.D

Acq: 20 Mar 2018 20:09

Instrument :

MSVOA_X

ClientSampled :

VX0320WBSD01

Tot Ion:105 Resp: 141316

Ion Ratio Lower Upper

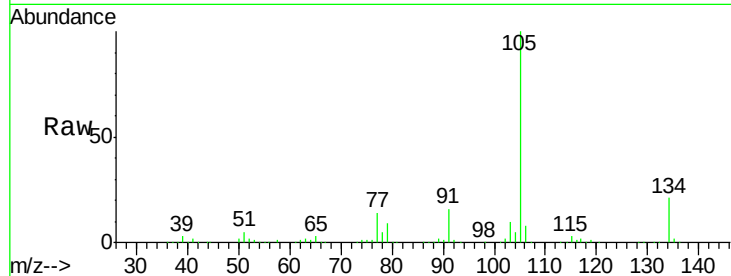
105 100

134 20.6 10.3 30.8

Manual Integrations
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sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

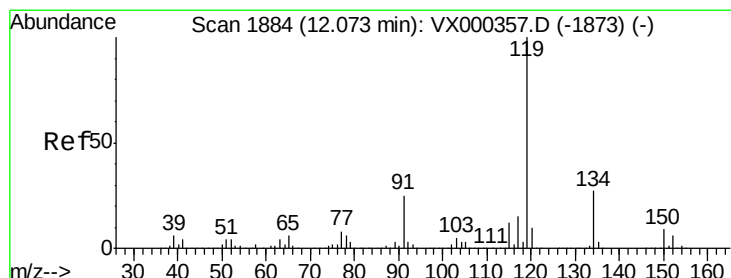
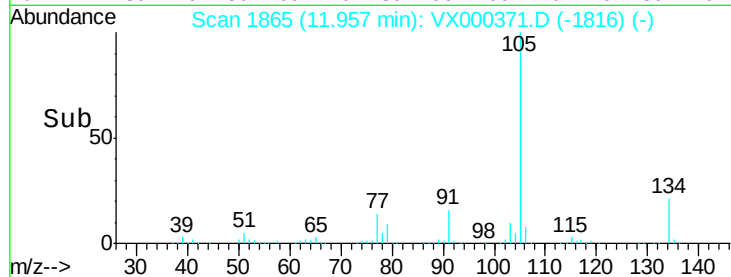
11.96

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.12 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000371.D

Acq: 20 Mar 2018 20:09

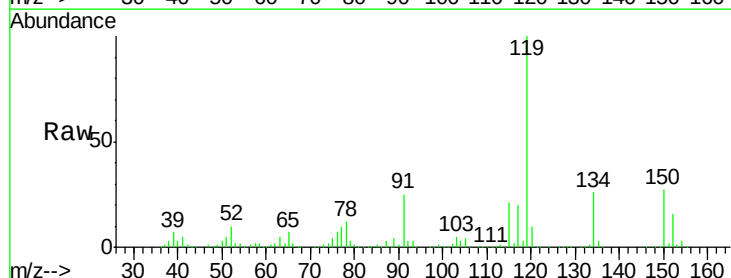
Tgt Ion:119 Resp: 124458

Ion Ratio Lower Upper

119 100

134 25.9 13.3 39.9

91 25.0 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.07

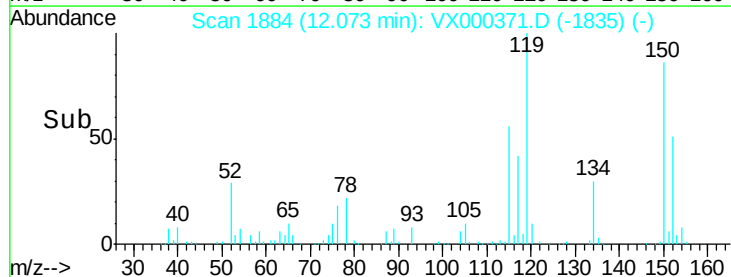
150000

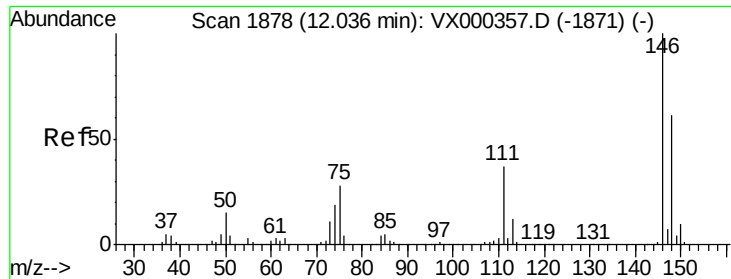
100000

50000

0

Time-->





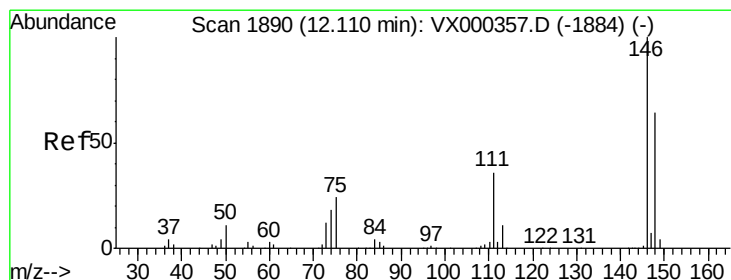
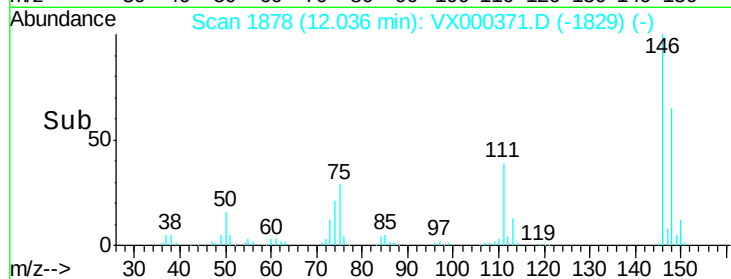
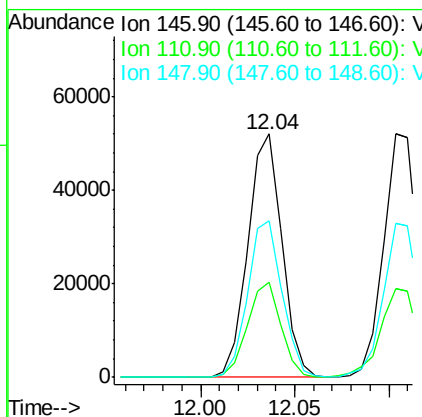
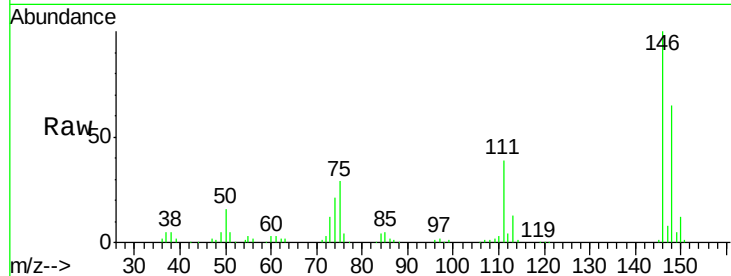
#87
 1,3-Dichlorobenzene
 Concen: 19.48 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000371.D
 Acq: 20 Mar 2018 20:09

Instrument :
 MSVOA_X
 ClientSampled :
 VX0320WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.5	58.5
148	65.4	32.4	97.0

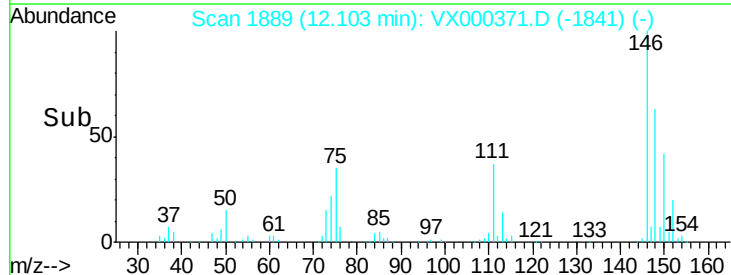
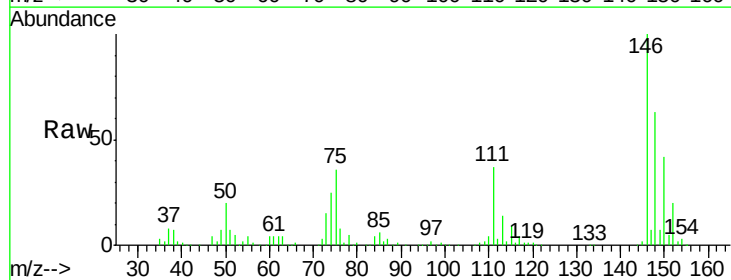
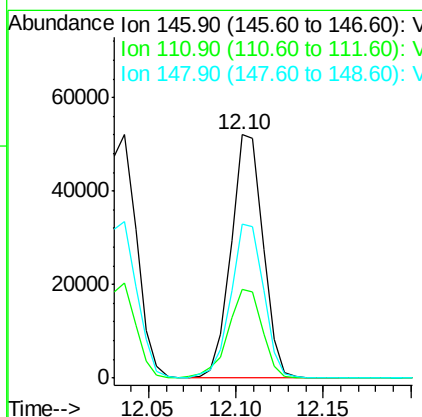
Manual Integrations
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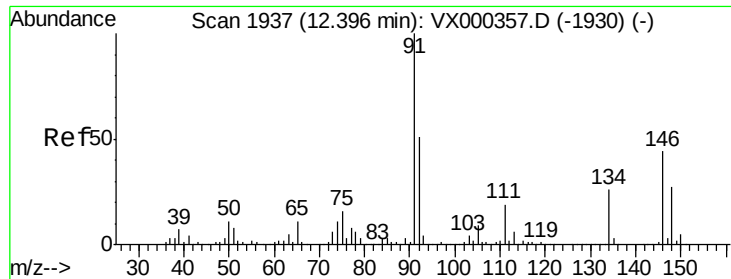
sam
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#88
 1,4-Dichlorobenzene
 Concen: 18.94 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000371.D
 Acq: 20 Mar 2018 20:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	18.9	56.9
148	65.1	31.0	93.0





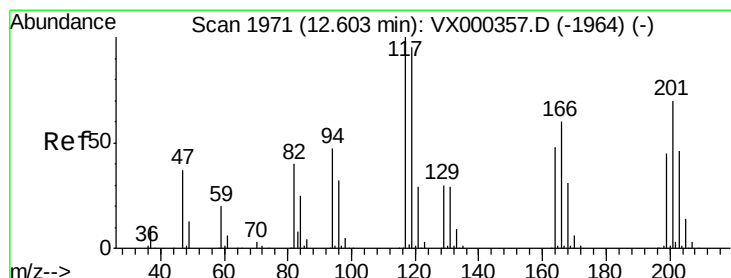
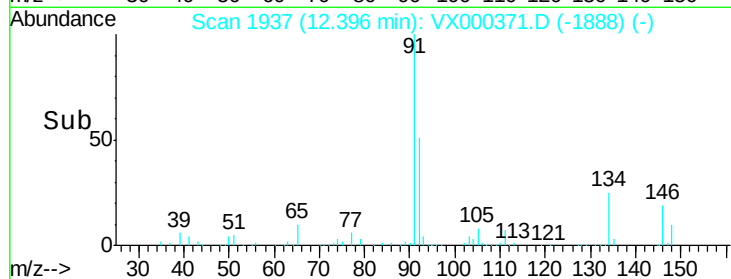
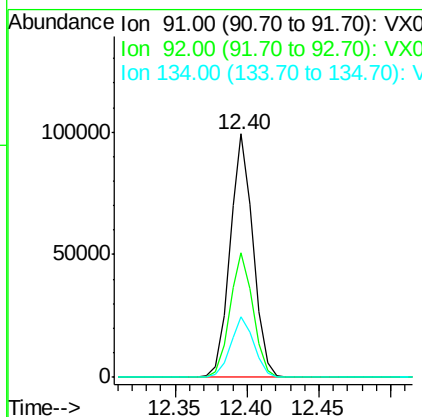
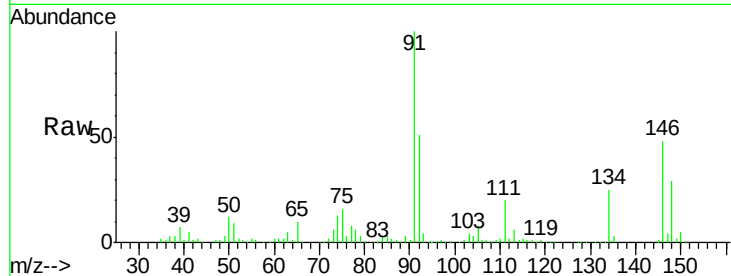
#89
n-Butylbenzene
Concen: 19.34 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000371.D
Acq: 20 Mar 2018 20:09

Instrument :
MSVOA_X
ClientSampled :
VX0320WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	111392		
92	51.4	25.9	77.8	
134	25.3	13.1	39.3	

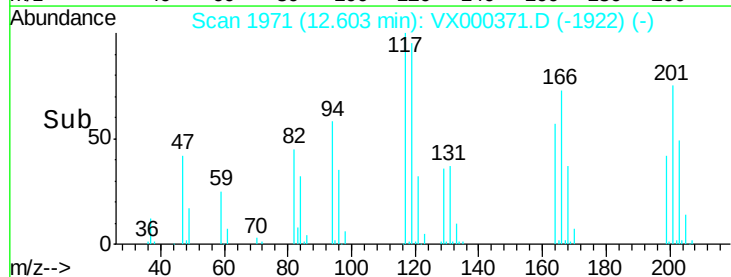
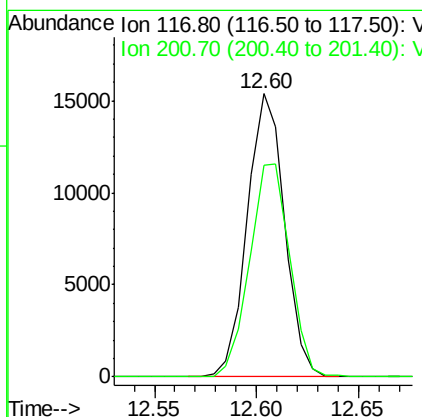
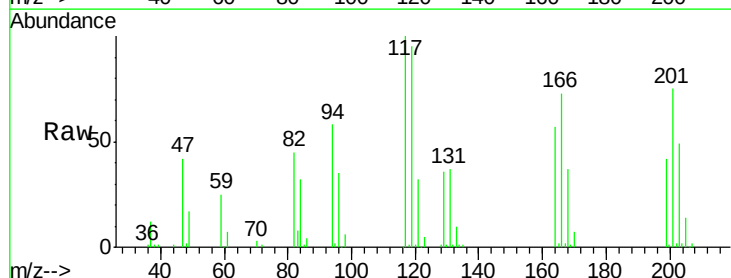
Manual Integrations
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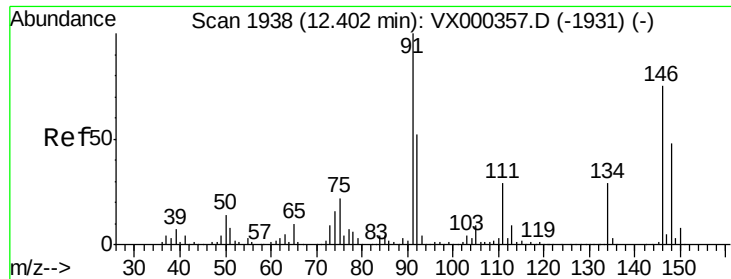
sam
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#90
Hexachloroethane
Concen: 20.03 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000371.D
Acq: 20 Mar 2018 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	19507		
201	81.1	37.9	113.6	





#91

1,2-Dichlorobenzene

Concen: 20.42 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VX000371.D

Acq: 20 Mar 2018 20:09

Instrument :

MSVOA_X

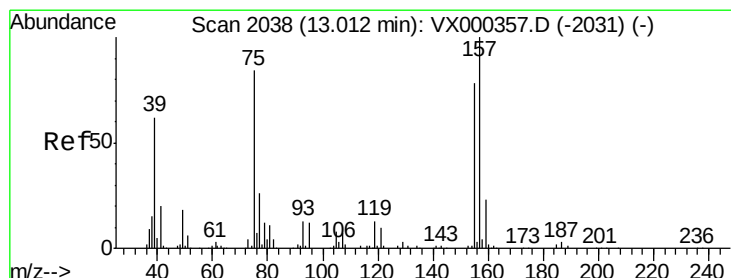
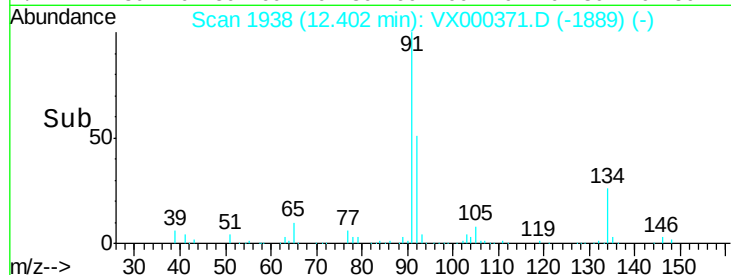
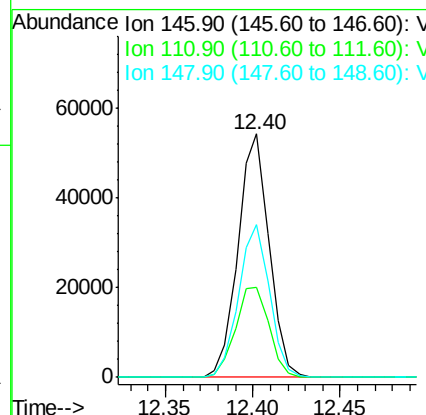
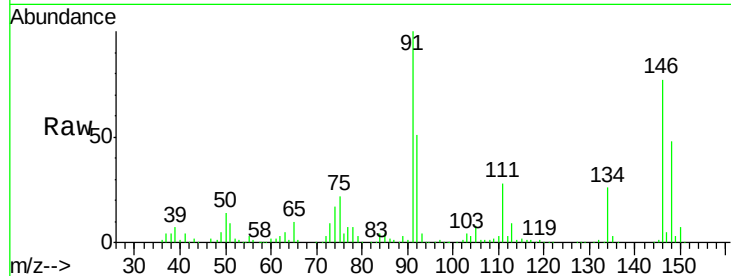
ClientSampled :

VX0320WBSD01

Tot Ion:	146	Resp:	66953
Ion Ratio	Lower	Upper	
146	100		
111	39.9	20.1	60.2
148	62.6	31.2	93.6

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.64 ug/l

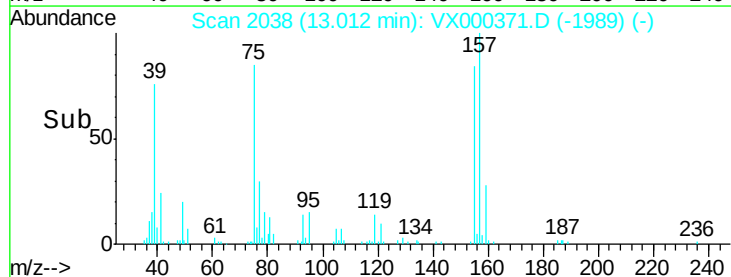
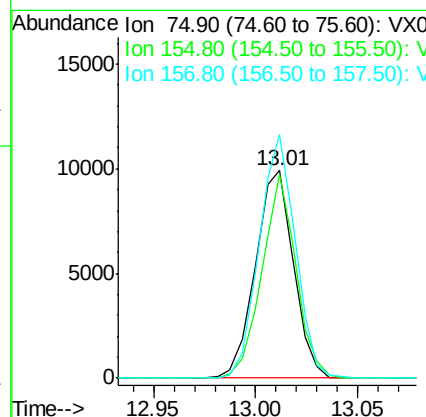
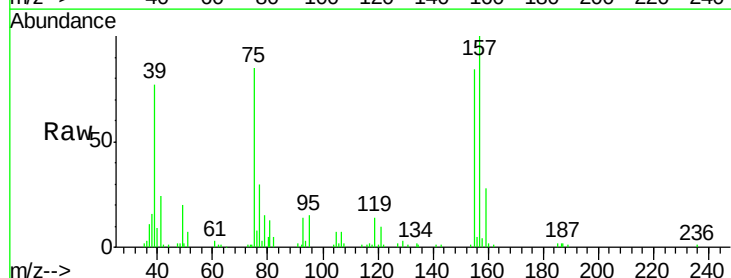
RT: 13.01 min Scan# 2038

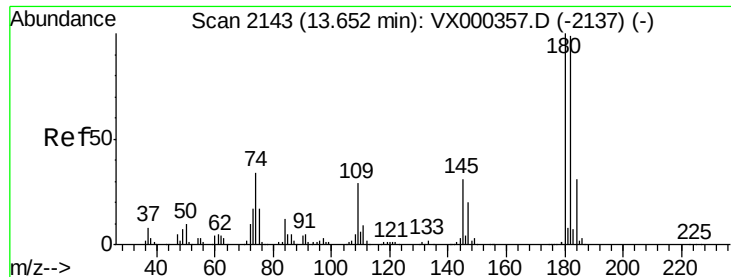
Delta R.T. -0.00 min

Lab File: VX000371.D

Acq: 20 Mar 2018 20:09

Tgt Ion:	75	Resp:	12866
Ion Ratio	Lower	Upper	
75	100		
155	87.8	45.0	134.8
157	110.9	58.1	174.2





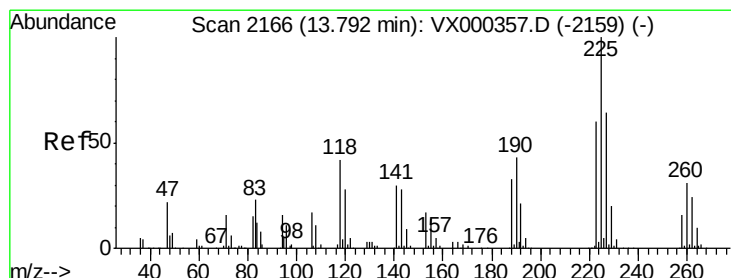
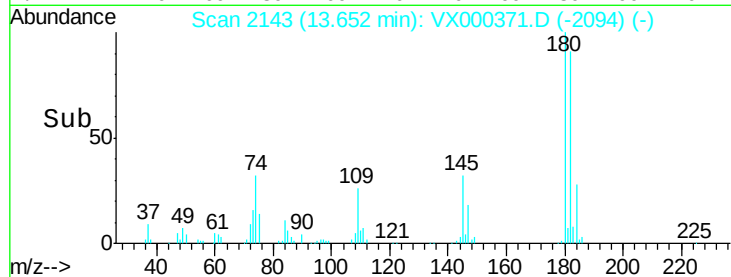
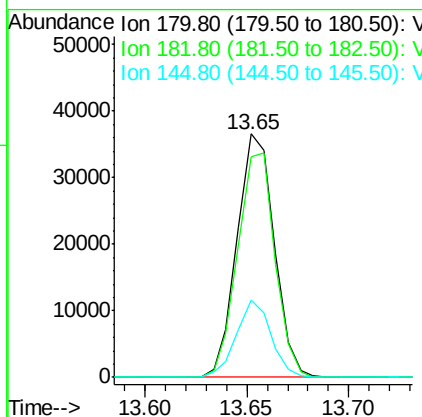
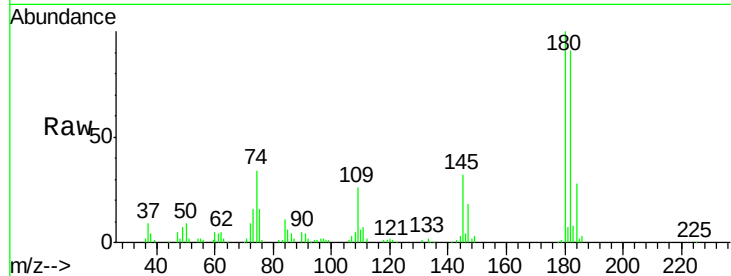
#93
 1,2,4-Trichlorobenzene
 Concen: 19.68 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000371.D
 Acq: 20 Mar 2018 20:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0320WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.8	47.6	142.9
145	29.5	15.1	45.3

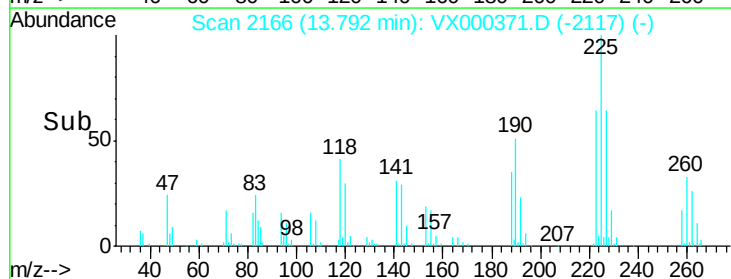
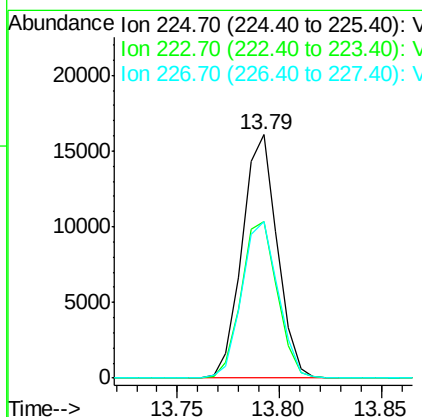
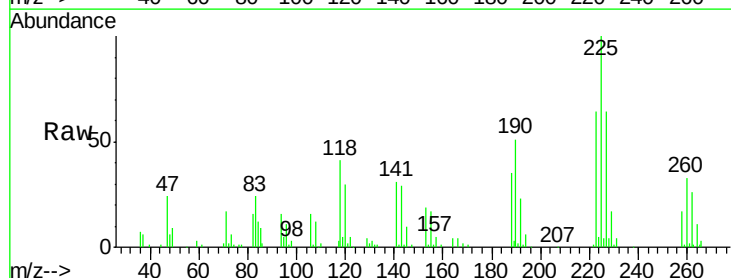
Manual Integrations
 APPROVED

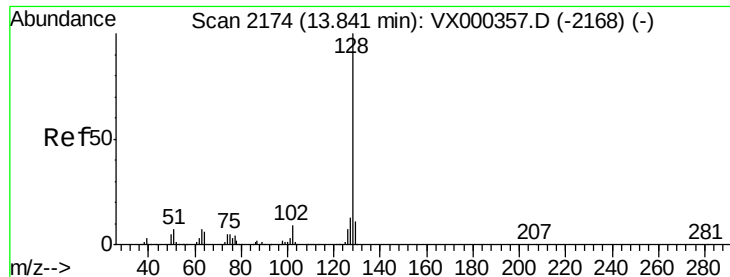
sam
 3/21/2018 11:44:26 AM



#94
 Hexachlorobutadiene
 Concen: 19.81 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000371.D
 Acq: 20 Mar 2018 20:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.8	32.0	96.0
227	66.2	32.6	98.0





#95

Naphthalene

Concen: 20.61 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000371.D

Acq: 20 Mar 2018 20:09

Instrument :

MSVOA_X

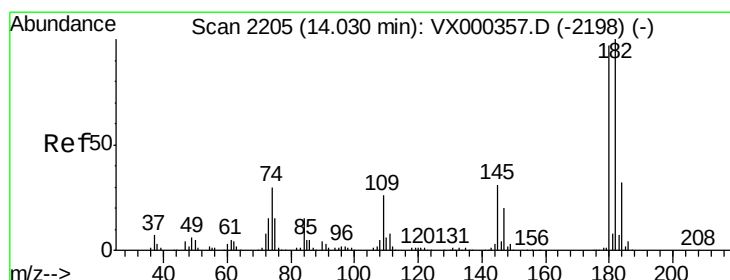
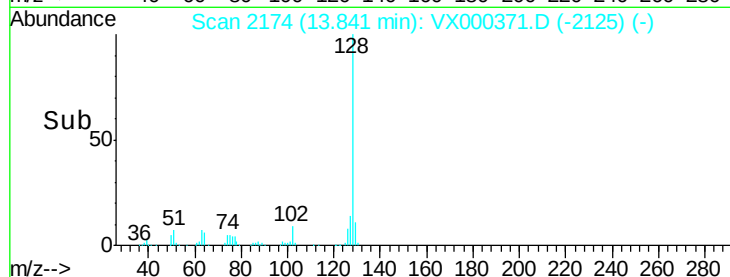
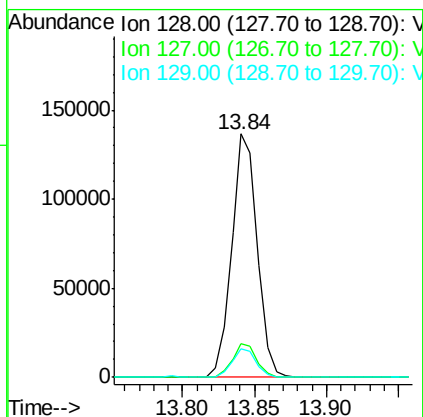
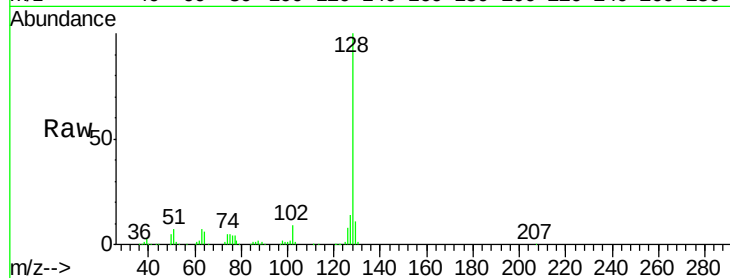
ClientSampled :

VX0320WBSD01

Tot Ion:	128	Resp:	168738
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.6	15.8
129	11.1	8.9	13.3

Manual Integrations
APPROVED

sam
3/21/2018 11:44:26 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.67 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000371.D

Acq: 20 Mar 2018 20:09

Tgt Ion:	180	Resp:	45688
Ion Ratio	Lower	Upper	
180	100		
182	98.3	47.4	142.3
145	31.6	15.8	47.3

