

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX022018\
 Data File : VX000111.D
 Acq On : 20 Feb 2018 16:30
 Operator : JC/MD
 Sample : VSTDIC010
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

Manual Integrations
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 2/22/2018 4:04:39 PM

Quant Time: Feb 21 06:15:19 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X022018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 21 05:38:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	16093	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	98850	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	92480	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.08	65	38999	31.58	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	105.27%
60) 4-Bromofluorobenzene	11.15	95	45602	30.30	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.00%
63) Toluene-d8	8.73	98	119971	30.24	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.80%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	10813	11.08	ug/l	95
3) Chloromethane	1.32	50	10854	10.72	ug/l	96
4) Vinyl Chloride	1.40	62	12845	10.80	ug/l	98
5) Bromomethane	1.65	94	11250	10.50	ug/l	98
6) Chloroethane	1.73	64	8273	11.05	ug/l	98
7) Trichlorofluoromethane	1.93	101	22198	10.93	ug/l	99
8) Diethyl Ether	2.20	74	7503	10.10	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	12577	11.19	ug/l	98
10) 1,1-Dichloroethene	2.38	96	11746	10.89	ug/l	96
11) Methyl Iodide	2.51	142	9409	10.86	ug/l	91
12) Methyl Acetate	2.79	43	20762	10.80	ug/l	98
13) Acrolein	2.30	56	11991	54.65	ug/l	97
14) Acrylonitrile	3.16	53	44608	53.44	ug/l	99
15) Acetone	2.45	58	14454	50.79	ug/l	97
16) Carbon Disulfide	2.57	76	32334	10.66	ug/l	96
17) Allyl chloride	2.73	41	19152	10.57	ug/l	99
18) Methylene Chloride	2.86	84	12950	11.27	ug/l	95
19) trans-1,2-Dichloroethene	3.17	96	12644	10.92	ug/l	95
20) Diisopropyl ether	3.89	45	28565	10.32	ug/l #	96
21) 1,1-Dichloroethane	3.70	63	19831	10.07	ug/l	99
22) cis-1,2-Dichloroethene	4.61	96	11172	10.38	ug/l	97
23) tert-Butyl Alcohol	3.09	59	24779	51.03	ug/l #	100
24) Methyl tert-Butyl Ether	3.21	73	39772	10.79	ug/l	99
25) Chloroform	5.23	83	19740	10.59	ug/l	95
26) Cyclohexane	5.58	56	15654	10.66	ug/l #	98
29) 1,1-Dichloropropene	5.81	75	14987	10.52	ug/l	98
30) 2-Butanone	4.73	43	56627	49.74	ug/l	100
31) 2,2-Dichloropropane	4.60	77	16205	10.55	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	17355	10.01	ug/l	99
33) Carbon Tetrachloride	5.79	117	15642	10.22	ug/l	95
34) Benzene	6.15	78	42670	10.25	ug/l	93
35) Methacrylonitrile	5.07	41	10420	10.27	ug/l	93
36) 1,2-Dichloroethane	6.21	62	16302	10.37	ug/l #	89
37) Trichloroethene	7.23	130	12168	9.83	ug/l	95
38) Methylcyclohexane	7.47	83	18032	10.74	ug/l	98
39) 1,2-Dichloropropane	7.53	63	10234	9.73	ug/l	99
40) Dibromomethane	7.68	93	8055	10.19	ug/l	98

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 Response via : Initial Calibration

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

41) Bromodichloromethane	7.91	83	15023	9.85	ug/l #	94
42) Vinyl Acetate	3.84	43	136098	49.73	ug/l	99
43) Ethyl Acetate	4.89	43	19537	9.82	ug/l	100
44) Isopropyl Acetate	6.49	43	28915	10.18	ug/l	98
45) 1,4-Dioxane	7.78	88	6905	196.28	ug/l	99
46) Methyl methacrylate	7.79	41	14400	10.38	ug/l	100
47) n-amyl Acetate	10.91	43	24367	9.98	ug/l	98
48) t-1,3-Dichloropropene	8.45	75	17401	9.72	ug/l	96
49) cis-1,3-Dichloropropene	9.05	75	16650	9.62	ug/l	94
50) 1,1,2-Trichloroethane	9.23	97	11842	10.38	ug/l	96
51) Ethyl methacrylate	9.20	69	17795	10.24	ug/l	96
52) 1,3-Dichloropropane	9.38	76	18660	9.84	ug/l	99
53) Dibromochloromethane	9.59	129	12199	9.44	ug/l	96
54) 1,2-Dibromoethane	9.68	107	12914	9.93	ug/l	96
55) 2-Chloroethyl vinyl ether	8.32	63	40893	46.15	ug/l	99
56) Bromoform	10.87	173	9537	9.29	ug/l	99
58) 4-Methyl-2-Pentanone	8.67	43	102138	49.02	ug/l	99
59) 2-Hexanone	9.51	43	86246	48.61	ug/l	99
61) Tetrachloroethene	9.35	164	11138	9.90	ug/l	95
62) Toluene	8.79	91	49435	10.17	ug/l	99
64) Chlorobenzene	10.15	112	33092	10.21	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.23	131	11580	10.02	ug/l	99
66) Ethyl Benzene	10.26	91	56161	10.06	ug/l	95
67) m/p-Xylenes	10.37	106	43001	20.08	ug/l	100
68) o-Xylene	10.71	106	20944	9.91	ug/l	100
69) Styrene	10.72	104	34175	9.78	ug/l	99
70) Isopropylbenzene	11.02	105	56659	9.93	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.28	83	19627	9.97	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	17510m	9.68	ug/l	
73) Bromobenzene	11.26	156	14566	9.88	ug/l	98
74) n-propylbenzene	11.37	91	66112	9.89	ug/l	99
75) 2-Chlorotoluene	11.43	91	38263	9.80	ug/l	97
76) 1,3,5-Trimethylbenzene	11.51	105	47676	9.89	ug/l	70
77) t-1,4-Dichloro-2-butene	11.09	75	5607	8.89	ug/l	90
78) 4-Chlorotoluene	11.52	91	46199	10.03	ug/l	100
79) tert-butylbenzene	11.78	119	46670m	9.63	ug/l	
80) 1,2,4-Trimethylbenzene	11.82	105	47897	9.59	ug/l	99
81) sec-Butylbenzene	11.96	105	58992	9.84	ug/l	100
82) p-Isopropyltoluene	12.07	119	51648	9.63	ug/l	99
83) 1,3-Dichlorobenzene	12.04	146	27627	9.74	ug/l	98
84) 1,4-Dichlorobenzene	12.11	146	28848	9.88	ug/l	99
85) n-Butylbenzene	12.40	91	49030	9.78	ug/l	99
86) Hexachloroethane	12.60	117	8435	9.61	ug/l	99
87) 1,2-Dichlorobenzene	12.40	146	26853	9.44	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.01	75	5481	10.01	ug/l	91
89) 1,2,4-Trichlorobenzene	13.65	180	19561	9.60	ug/l	99
90) Hexachlorobutadiene	13.79	225	8411	9.91	ug/l	97
91) Naphthalene	13.84	128	70233	9.61	ug/l	99
92) 1,2,3-Trichlorobenzene	14.03	180	19789	9.54	ug/l	99

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ClientSampleId :
VSTDICC010

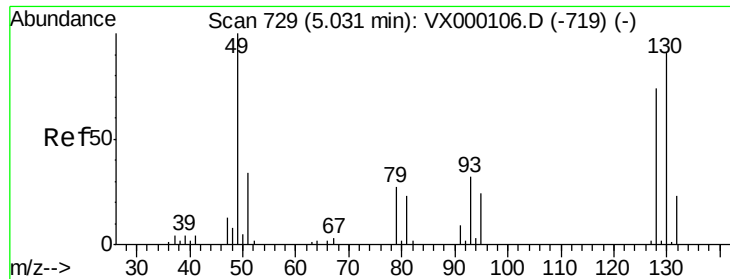
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 729

Delta R.T. 0.00 min

Lab File: VX000111.D

Acq: 20 Feb 2018 16:30

Instrument :

MSVOA_X

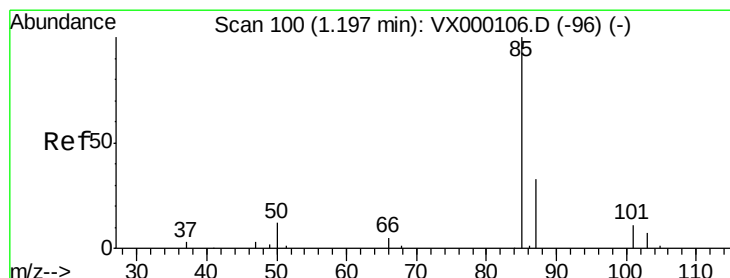
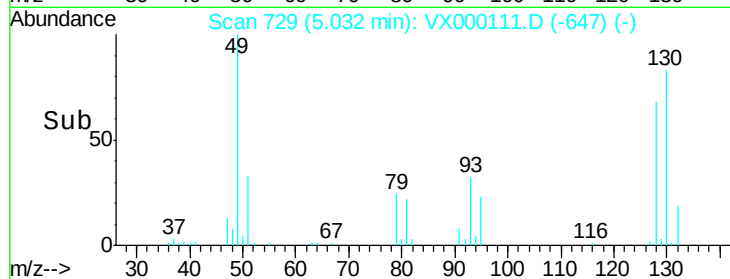
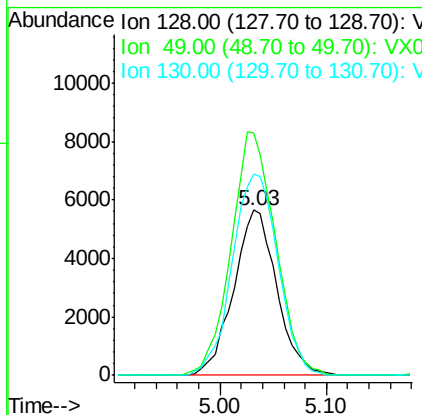
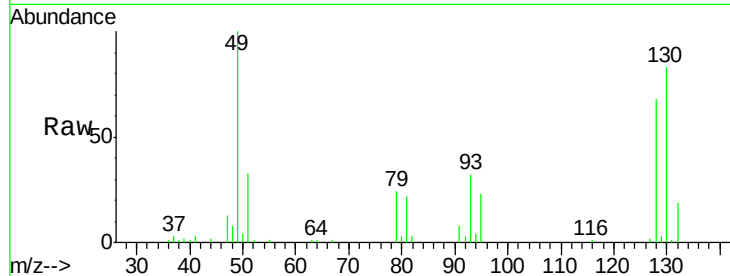
ClientSampled :

VSTDIC010

Tot Ion	Ratio	Lower	Upper
128	100		
49	151.4	0.0	378.3
130	129.3	0.0	324.3

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#2

Dichlorodifluoromethane

Concen: 11.08 ug/l

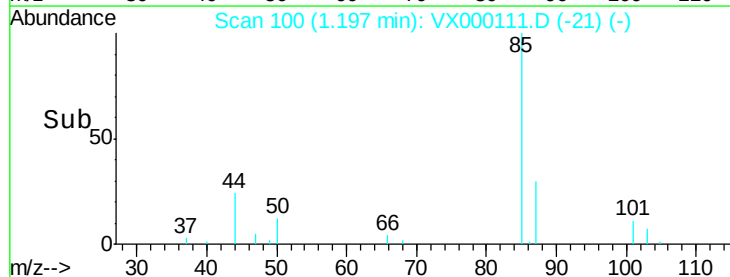
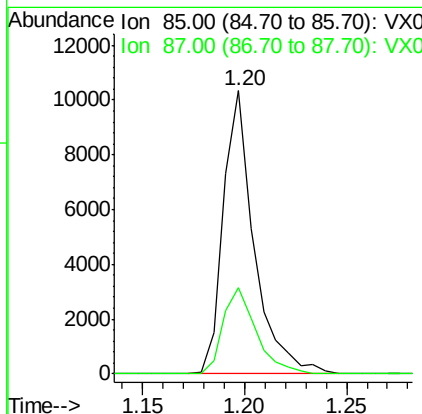
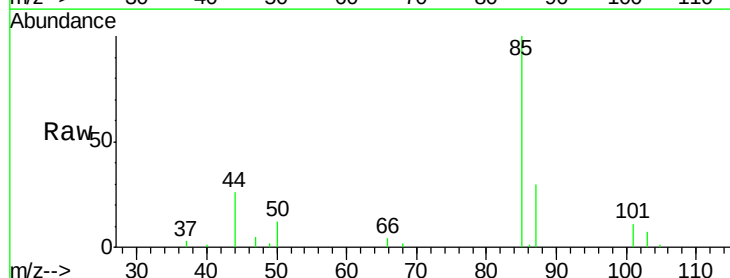
RT: 1.20 min Scan# 100

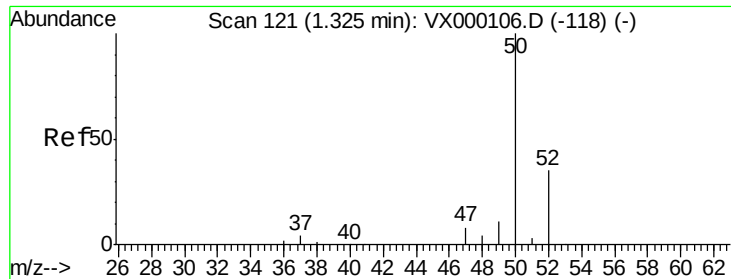
Delta R.T. 0.00 min

Lab File: VX000111.D

Acq: 20 Feb 2018 16:30

Tgt Ion	Ratio	Lower	Upper
85	100		
87	30.4	16.6	49.7





#3

Chloromethane

Concen: 10.72 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000111.D

Acq: 20 Feb 2018 16:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

Tot Ion: 50 Resp: 10854

Ion Ratio Lower Upper

50 100

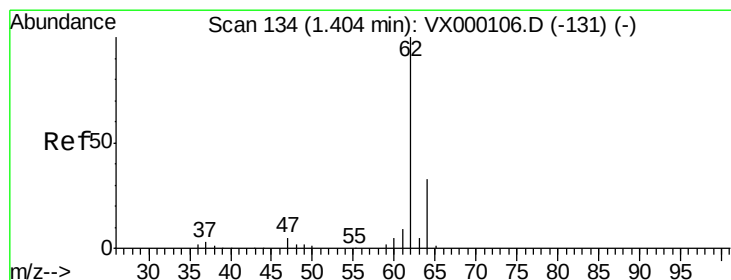
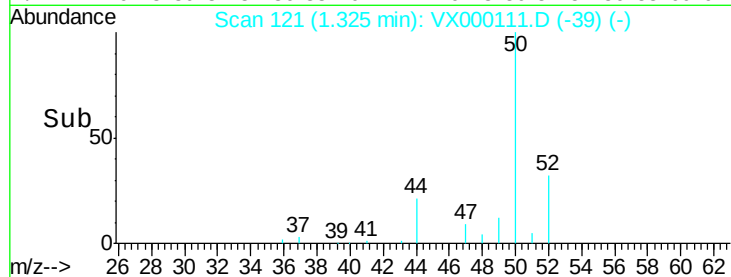
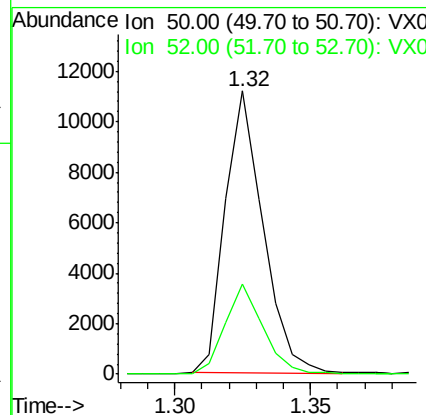
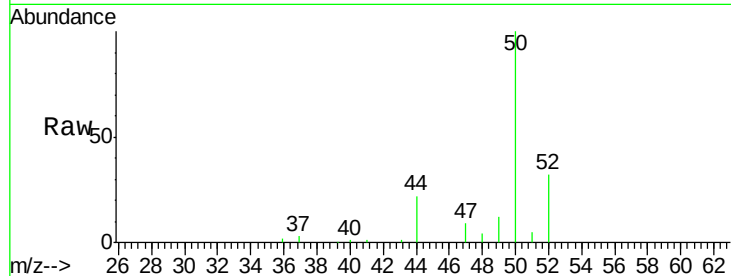
52 32.2 27.8 41.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 10.80 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX000111.D

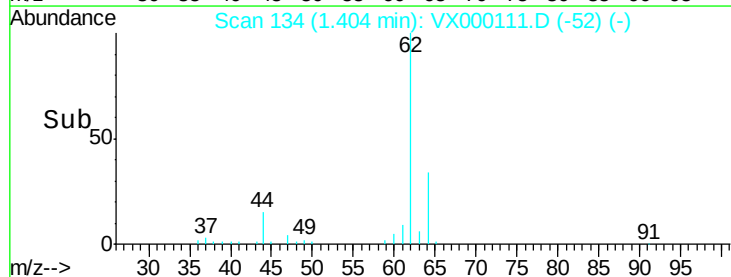
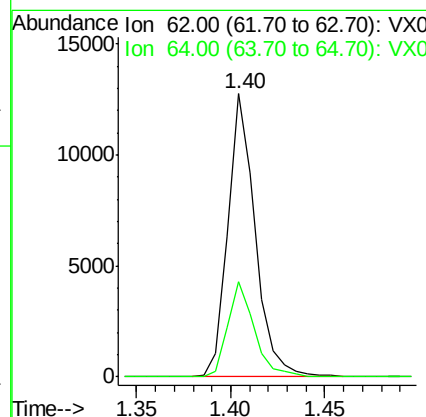
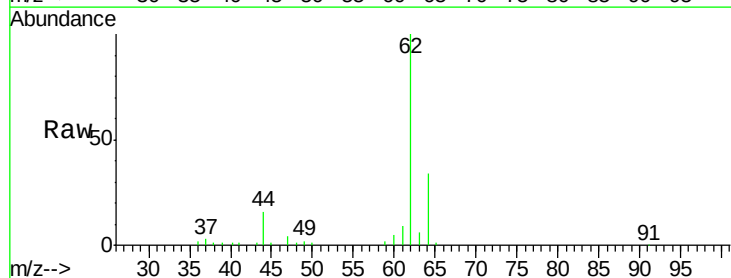
Acq: 20 Feb 2018 16:30

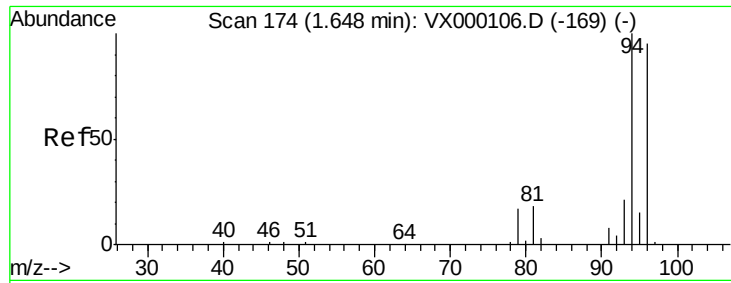
Tgt Ion: 62 Resp: 12845

Ion Ratio Lower Upper

62 100

64 33.7 26.0 39.0





#5

Bromomethane

Concen: 10.50 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.00 min

Lab File: VX000111.D

Acq: 20 Feb 2018 16:30

Instrument :

MSVOA_X

ClientSampled :

VSTDIC010

Tot Ion: 94 Resp: 11250

Ion Ratio Lower Upper

94 100

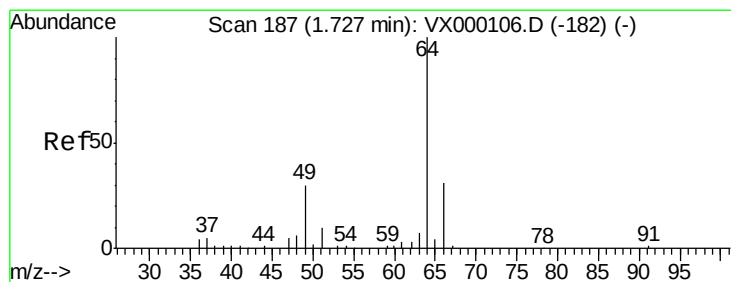
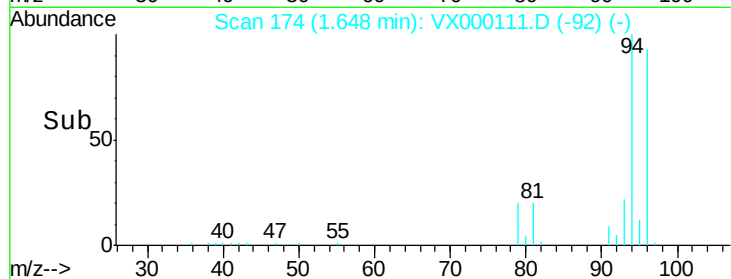
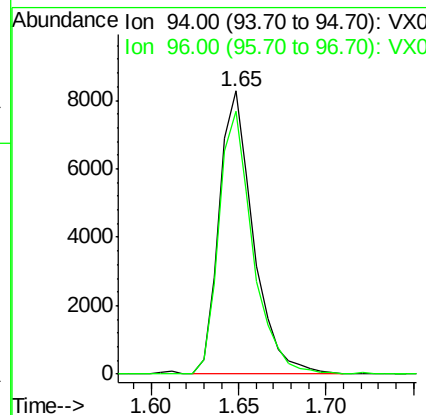
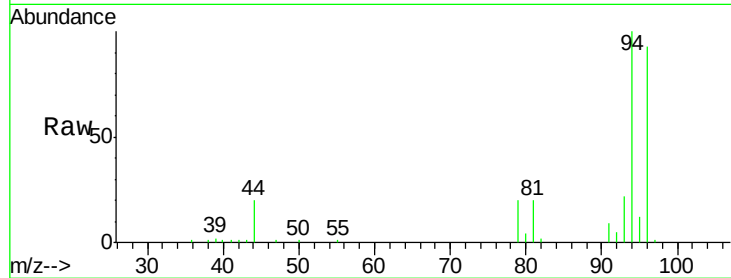
96 92.8 76.2 114.2

Manual Integrations

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#6

Chloroethane

Concen: 11.05 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000111.D

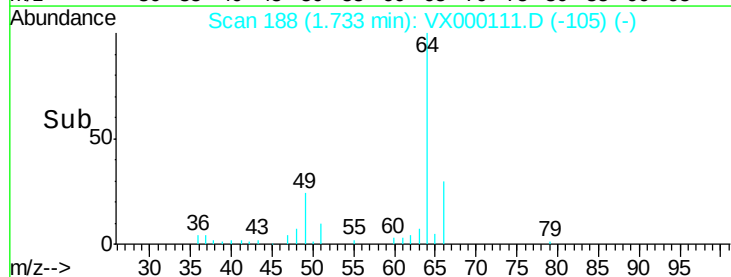
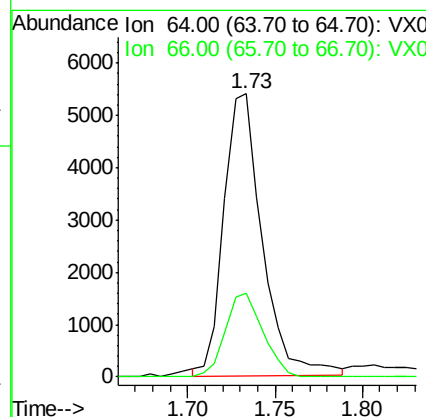
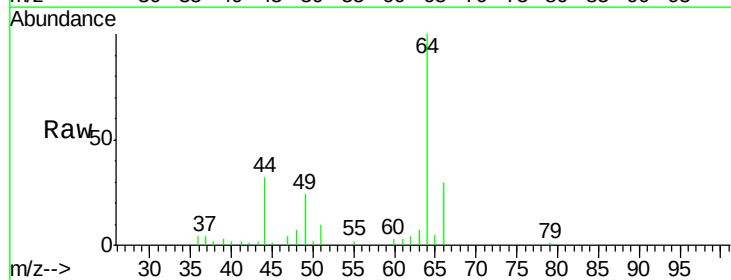
Acq: 20 Feb 2018 16:30

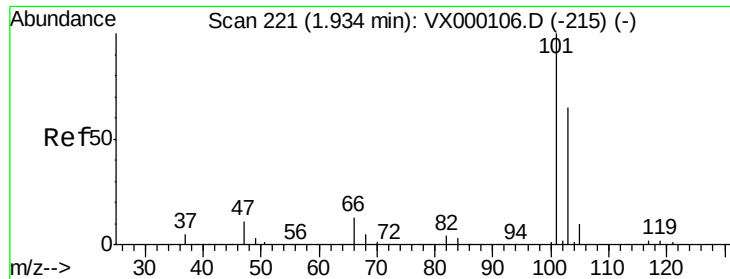
Tgt Ion: 64 Resp: 8273

Ion Ratio Lower Upper

64 100

66 30.7 25.2 37.8





#7

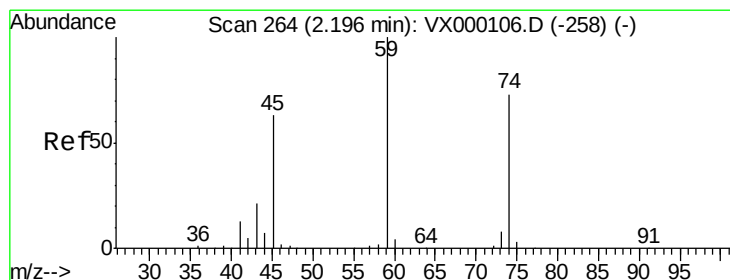
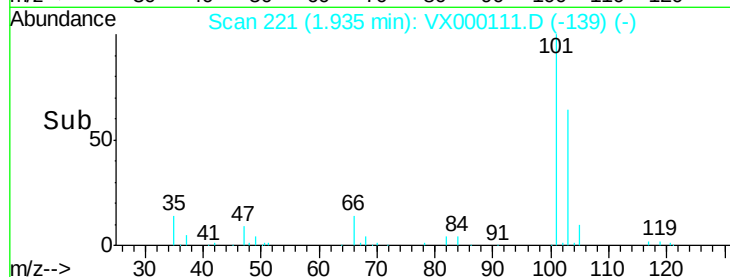
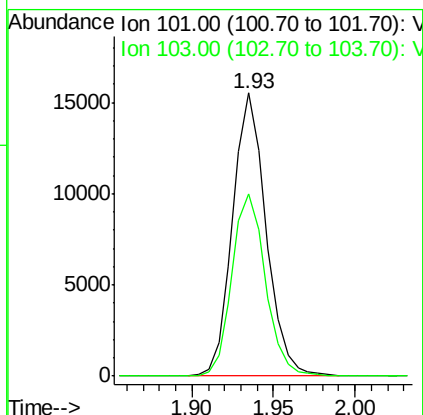
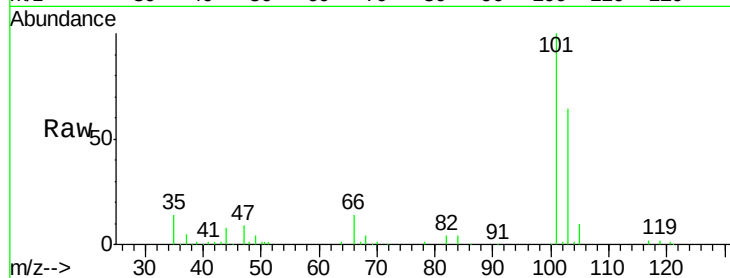
Trichlorofluoromethane
Concen: 10.93 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX000111.D
Acq: 20 Feb 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	52.2	78.4

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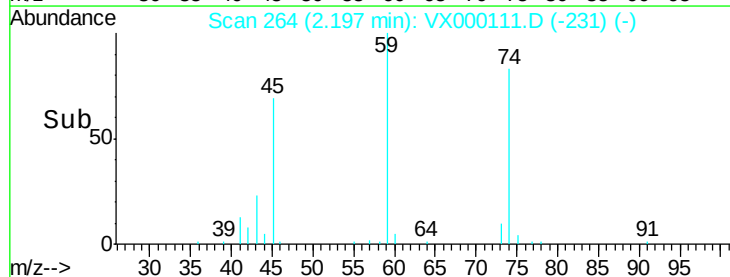
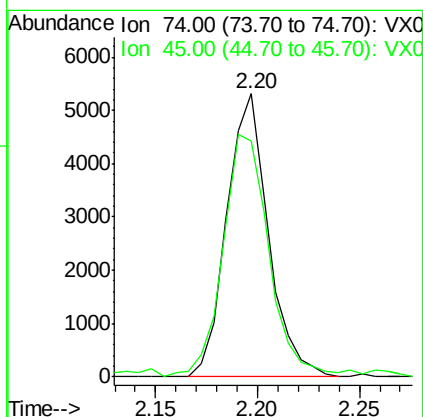
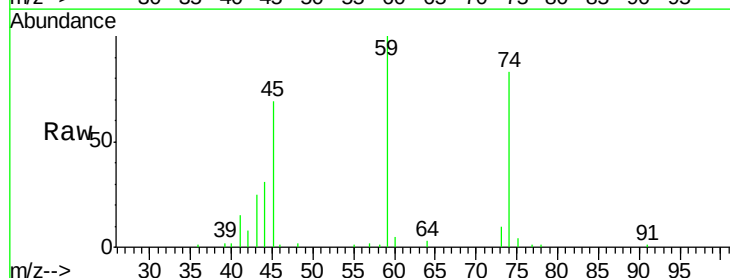
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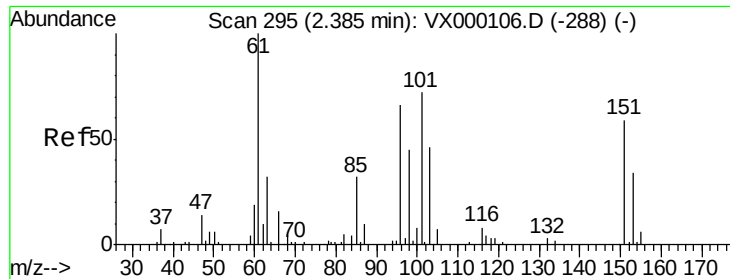


#8

Diethyl Ether
Concen: 10.10 ug/l
RT: 2.20 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX000111.D
Acq: 20 Feb 2018 16:30

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.7	17.8	159.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 11.19 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX000111.D

Acq: 20 Feb 2018 16:30

Instrument :

MSVOA_X

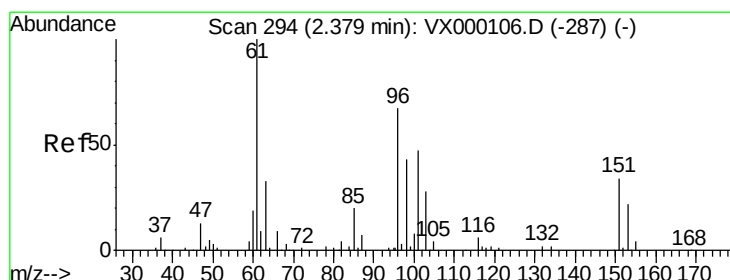
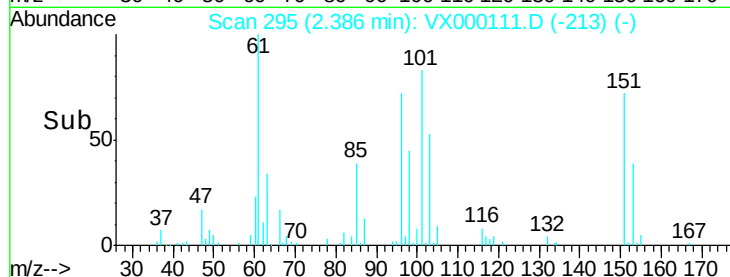
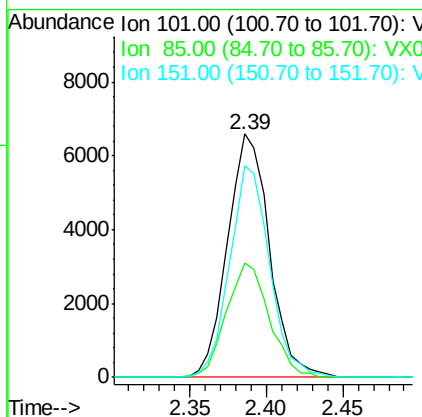
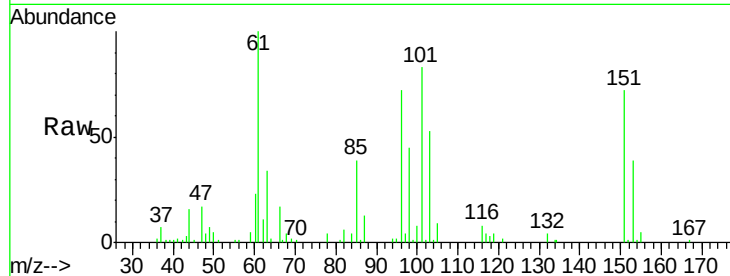
ClientSampled :

VSTDIC010

Tot Ion:	101	Resp:	12577
Ion Ratio	Lower	Upper	
101	100		
85	47.7	0.0	90.4
151	82.6	0.0	167.6

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 10.89 ug/l

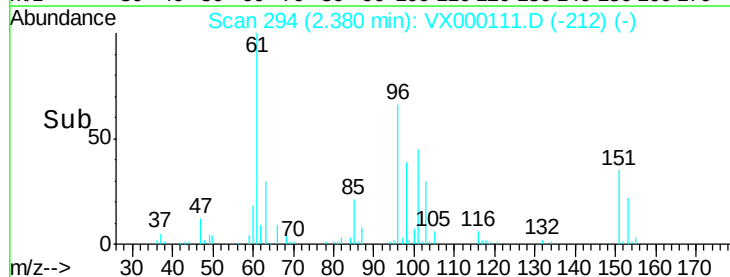
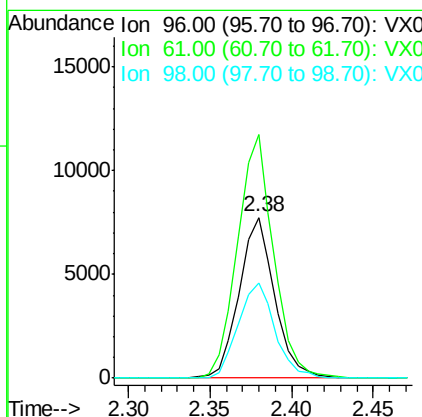
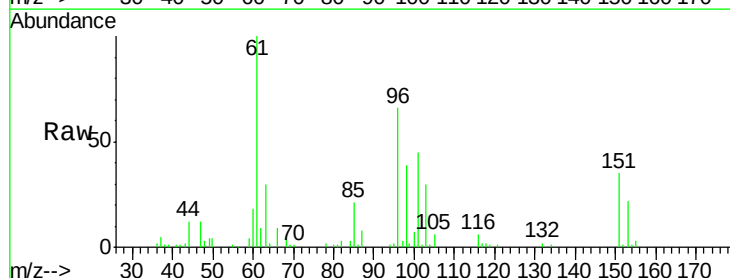
RT: 2.38 min Scan# 294

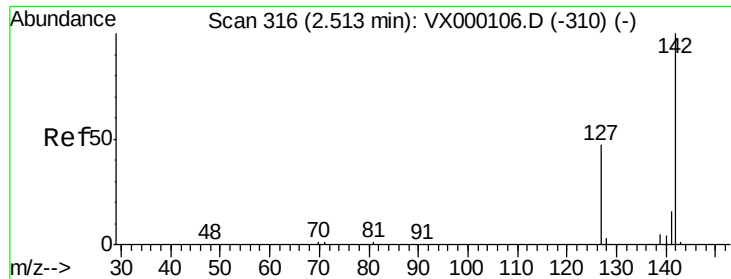
Delta R.T. 0.00 min

Lab File: VX000111.D

Acq: 20 Feb 2018 16:30

Tgt Ion:	96	Resp:	11746
Ion Ratio	Lower	Upper	
96	100		
61	151.8	118.6	178.0
98	59.2	51.0	76.6





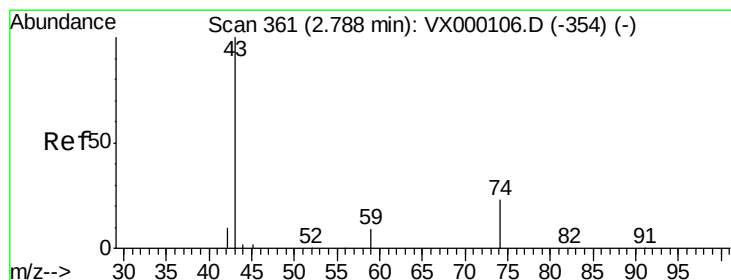
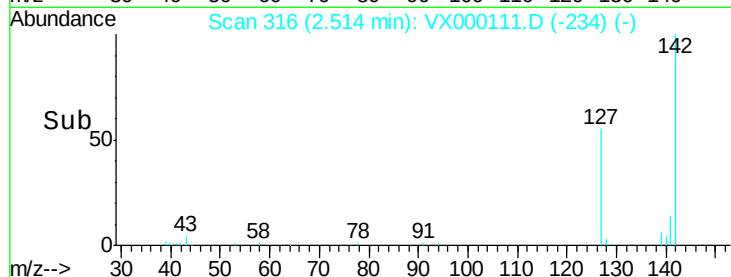
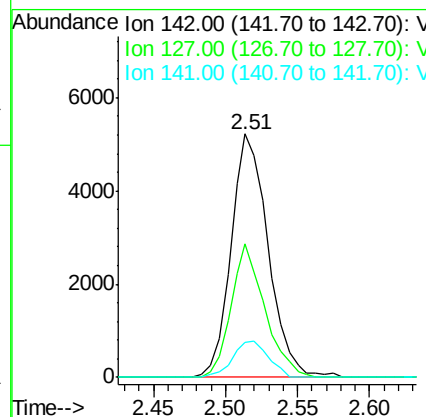
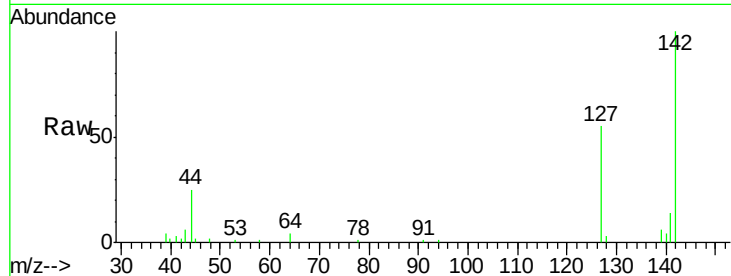
#11
Methyl Iodide
Concen: 10.86 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX000111.D
Acq: 20 Feb 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
142	100		
127	54.8	23.8	71.5
141	14.2	8.2	24.4

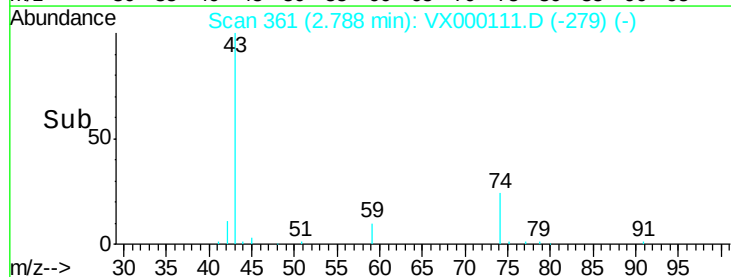
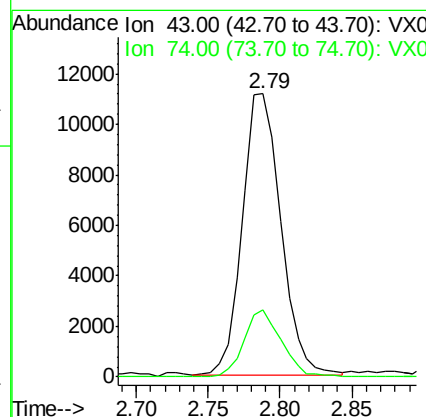
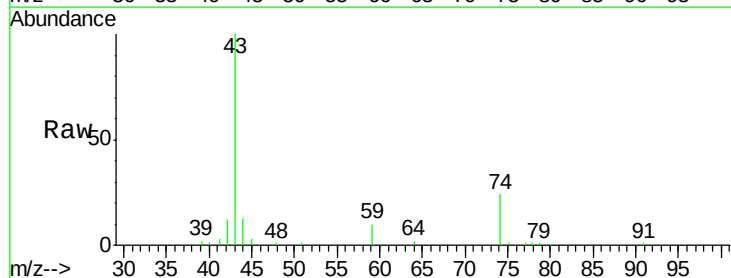
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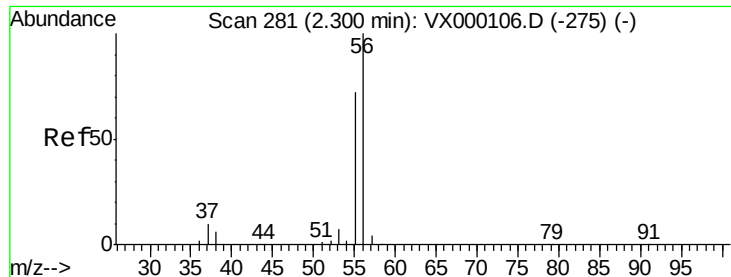
apatel
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#12
Methyl Acetate
Concen: 10.80 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.00 min
Lab File: VX000111.D
Acq: 20 Feb 2018 16:30

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	18.6	27.8





#13

Acrolein

Concen: 54.65 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000111.D

Acq: 20 Feb 2018 16:30

Instrument :

MSVOA_X

ClientSampled :

VSTDIC010

Tot Ion: 56 Resp: 11991

Ion Ratio Lower Upper

56 100

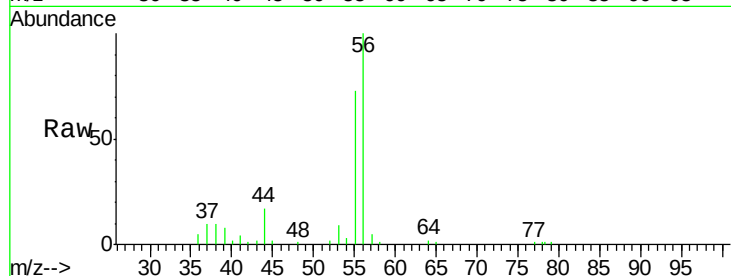
55 74.0 57.3 85.9

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

8000

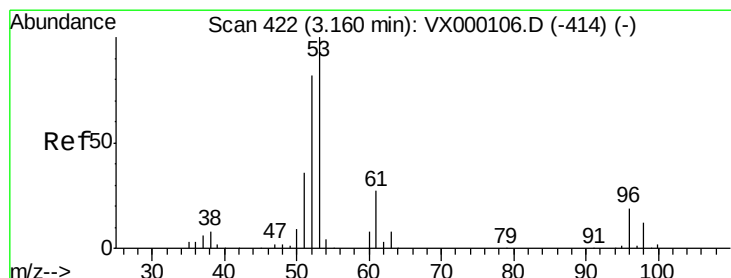
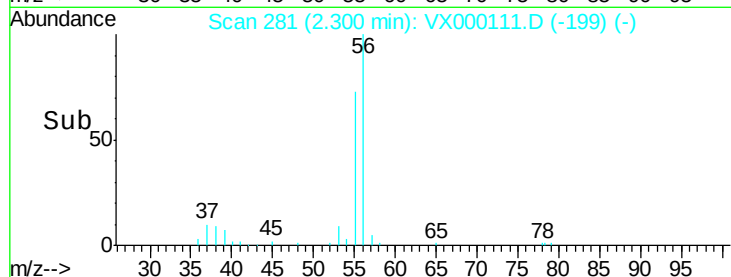
6000

4000

2000

0

Time-->



#14

Acrylonitrile

Concen: 53.44 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX000111.D

Acq: 20 Feb 2018 16:30

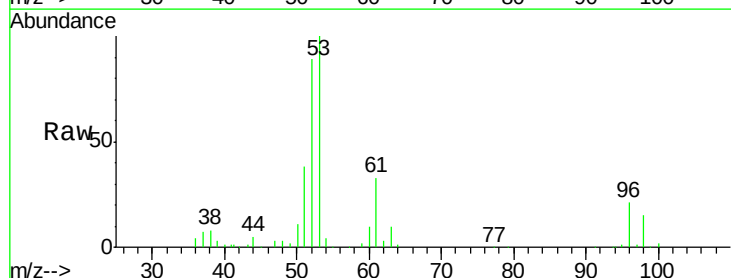
Tgt Ion: 53 Resp: 44608

Ion Ratio Lower Upper

53 100

52 84.3 41.9 125.8

51 36.1 18.8 56.3



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

25000

20000

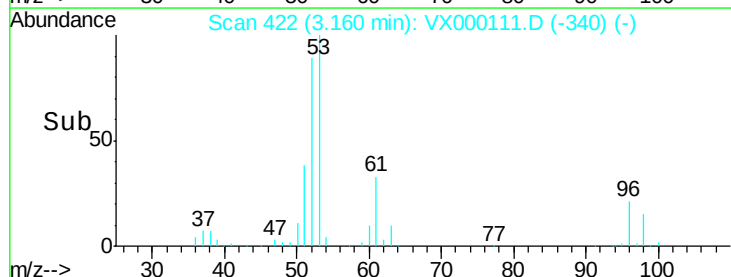
15000

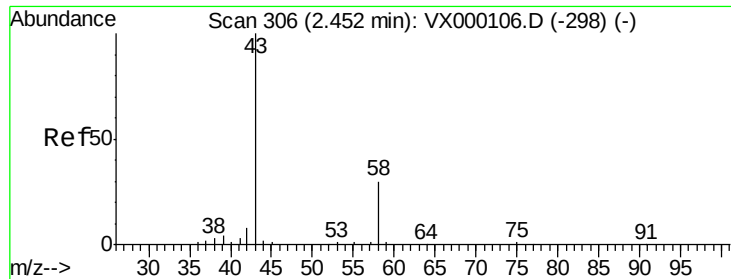
10000

5000

0

Time-->





#15

Acetone

Concen: 50.79 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000111.D

Acq: 20 Feb 2018 16:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

Tot Ion: 58 Resp: 14454

Ion Ratio Lower Upper

58 100

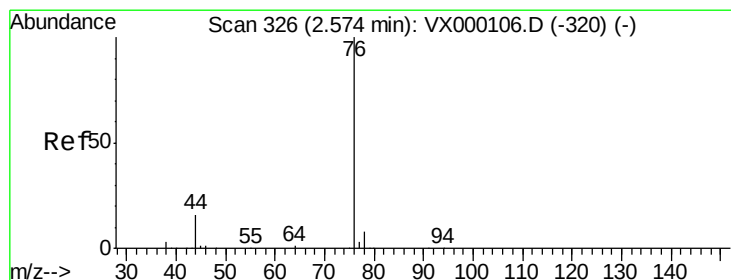
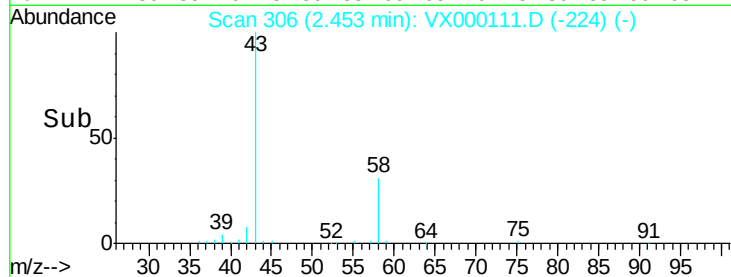
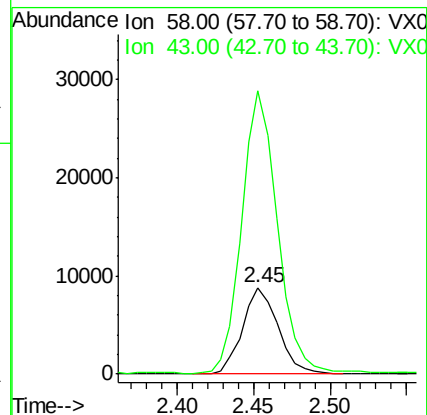
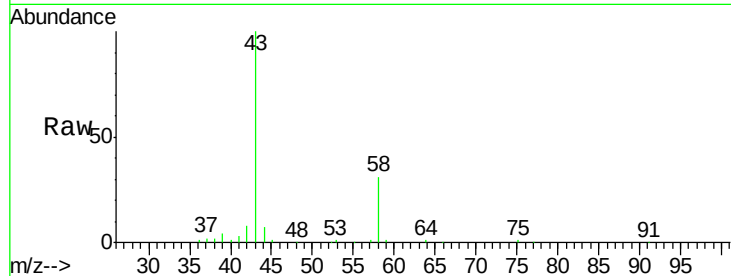
43 325.2 264.6 396.8

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#16

Carbon Disulfide

Concen: 10.66 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000111.D

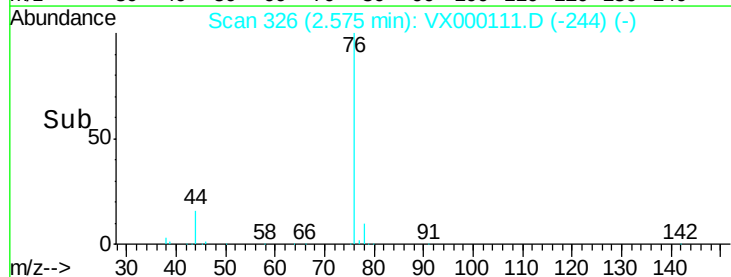
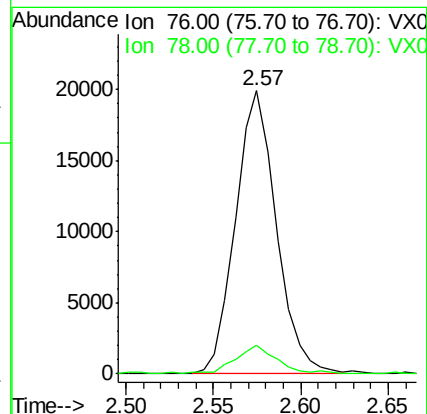
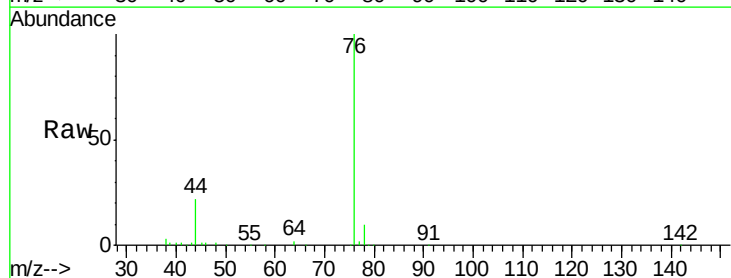
Acq: 20 Feb 2018 16:30

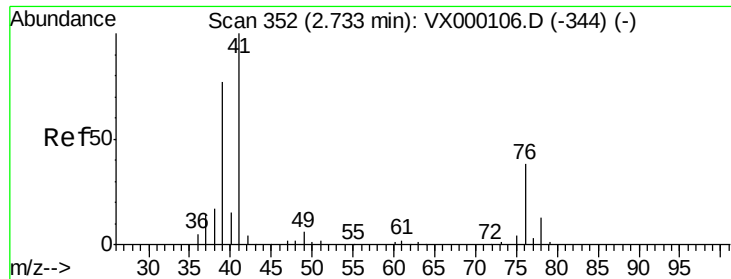
Tgt Ion: 76 Resp: 32334

Ion Ratio Lower Upper

76 100

78 9.8 6.8 10.2





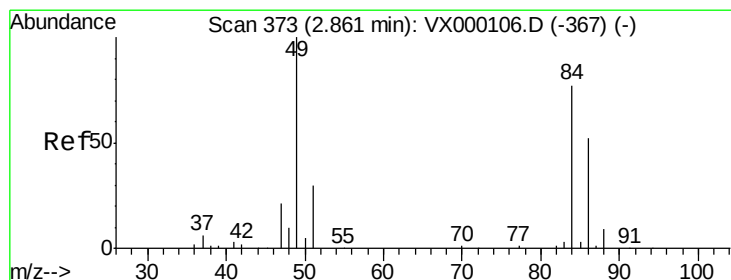
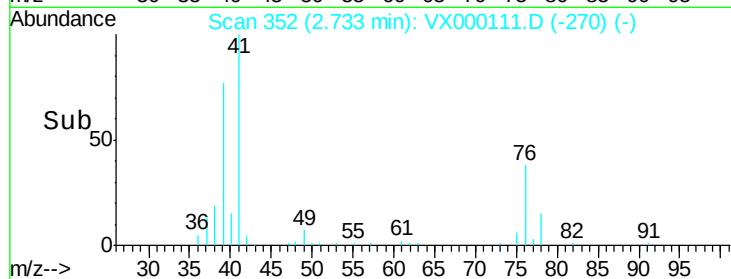
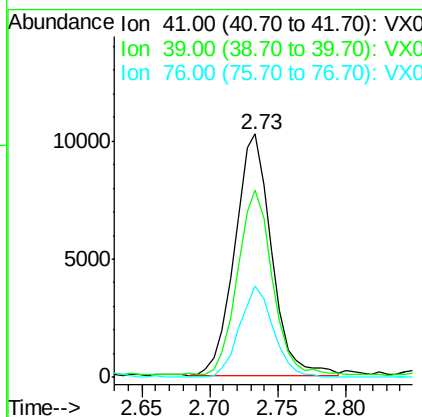
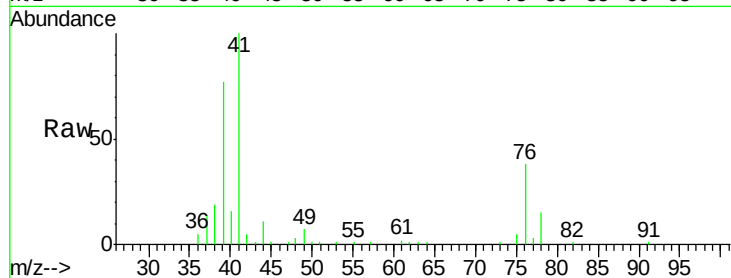
#17
Allvl chloride
Concen: 10.57 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX000111.D
Acq: 20 Feb 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010

Tot Ion	Ratio	Lower	Upper
41	100		
39	76.1	38.5	115.5
76	38.0	18.7	56.1

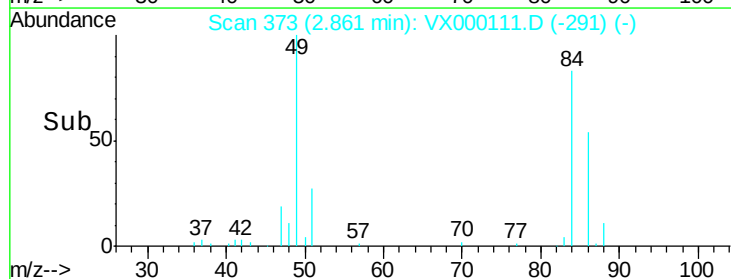
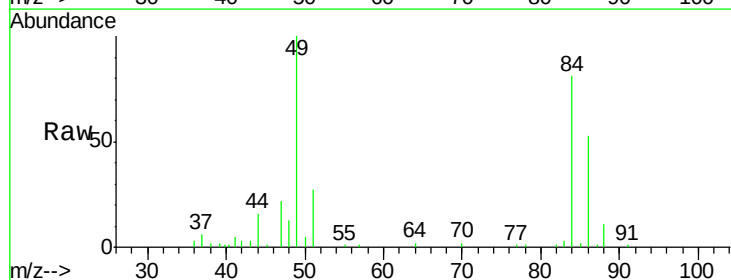
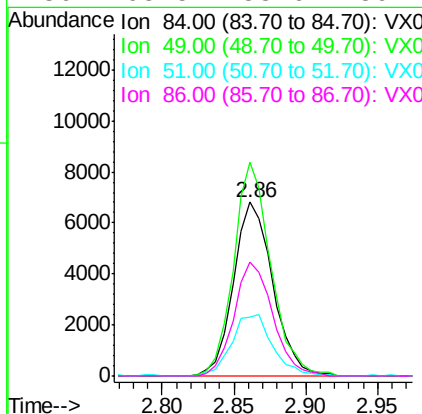
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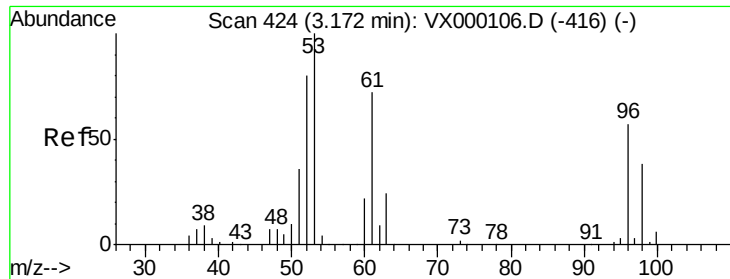
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#18
Methylene Chloride
Concen: 11.27 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX000111.D
Acq: 20 Feb 2018 16:30

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.0	103.3	154.9
51	33.6	31.2	46.8
86	65.5	53.6	80.4





#19

trans-1,2-Dichloroethene

Concen: 10.92 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000111.D

Acq: 20 Feb 2018 16:30

Instrument :

MSVOA_X

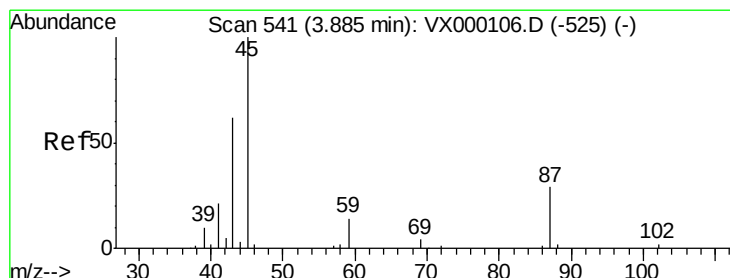
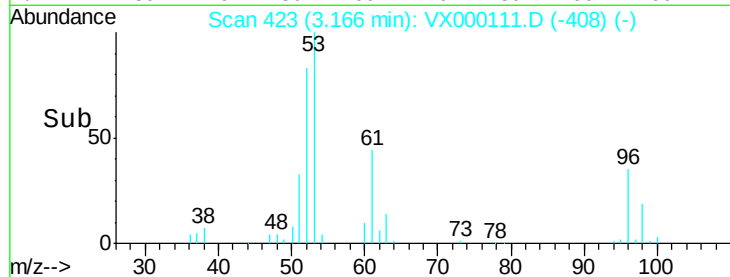
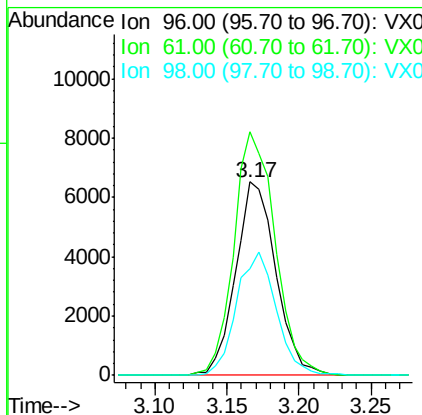
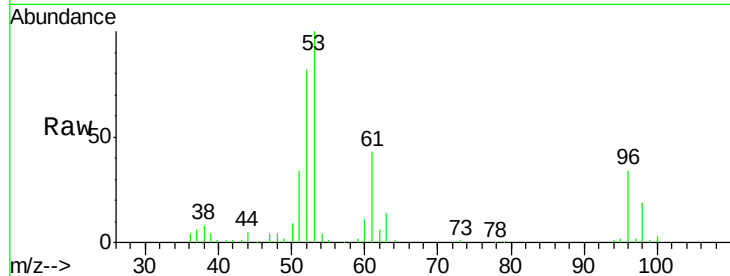
ClientSampled :

VSTDIC010

Tot Ion:	96	Resp:	12644
Ion	Ratio	Lower	Upper
96	100		
61	126.0	101.0	151.6
98	55.0	53.3	79.9

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#20

Diisopropyl ether

Concen: 10.32 ug/l

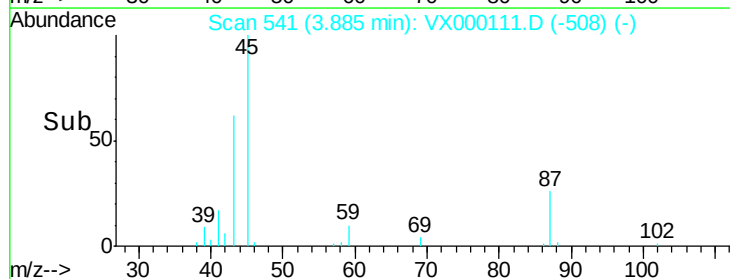
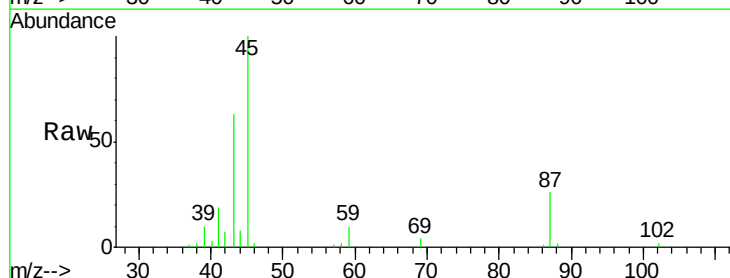
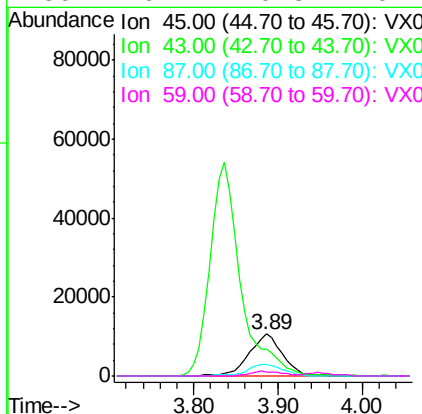
RT: 3.89 min Scan# 541

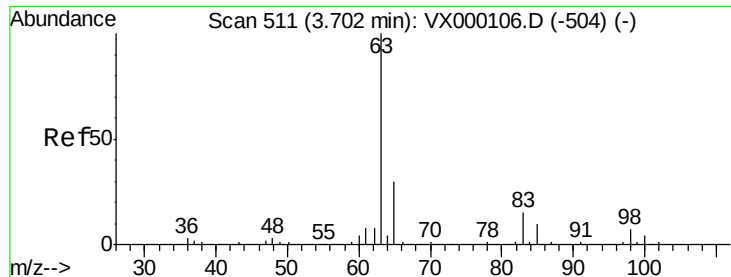
Delta R.T. 0.00 min

Lab File: VX000111.D

Acq: 20 Feb 2018 16:30

Tgt Ion:	45	Resp:	28565
Ion	Ratio	Lower	Upper
45	100		
43	60.1	49.6	74.4
87	26.5	23.1	34.7
59	10.2	10.8	16.2#





#21

1,1-Dichloroethane

Concen: 10.07 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000111.D

Acq: 20 Feb 2018 16:30

Instrument :

MSVOA_X

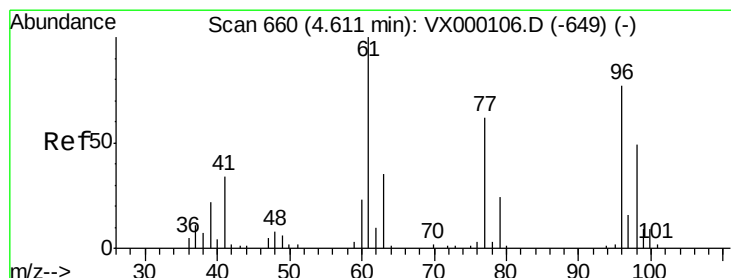
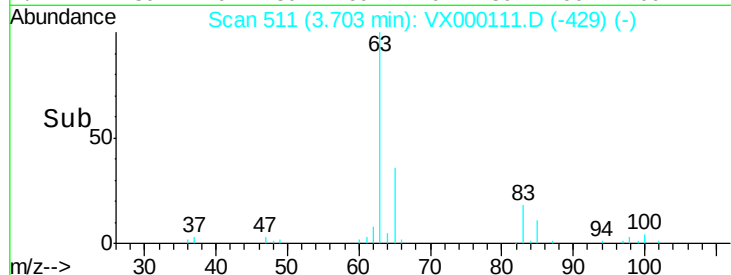
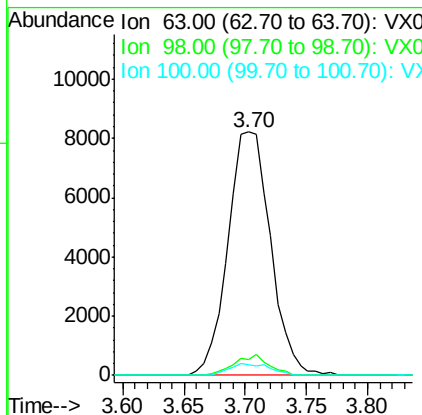
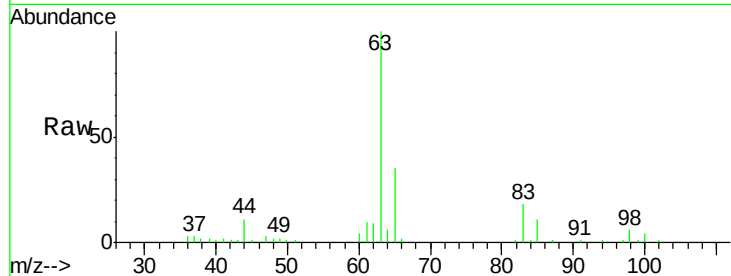
ClientSampled :

VSTDIC010

Tot Ion:	63	Resp:	19831
Ion	Ratio	Lower	Upper
63	100		
98	6.4	3.3	9.9
100	4.4	2.1	6.5

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#22

cis-1,2-Dichloroethene

Concen: 10.38 ug/l

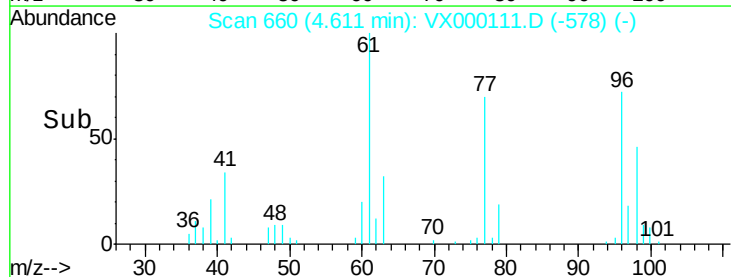
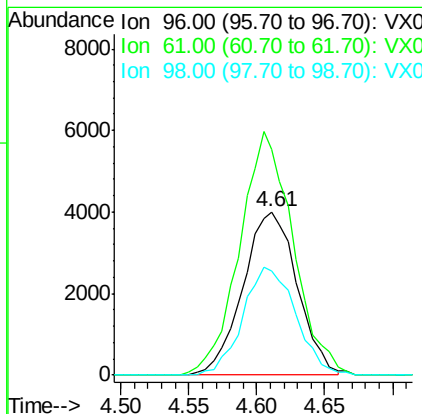
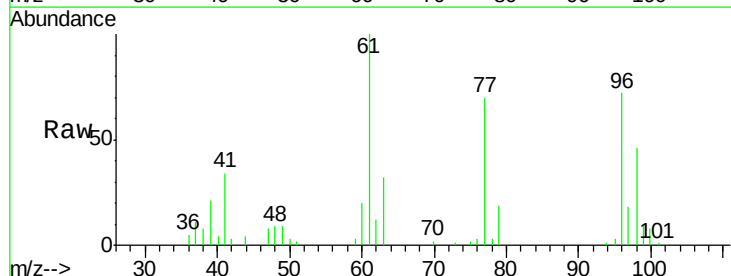
RT: 4.61 min Scan# 660

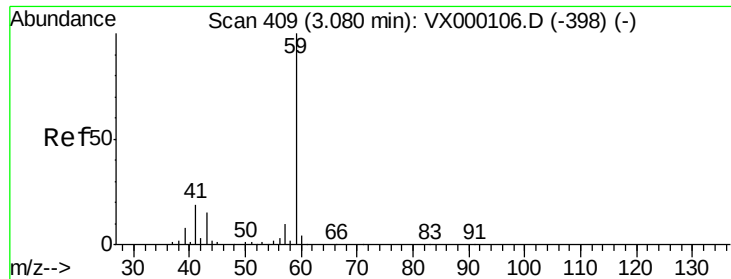
Delta R.T. 0.00 min

Lab File: VX000111.D

Acq: 20 Feb 2018 16:30

Tgt Ion:	96	Resp:	11172
Ion	Ratio	Lower	Upper
96	100		
61	146.5	113.5	170.3
98	64.3	51.8	77.8





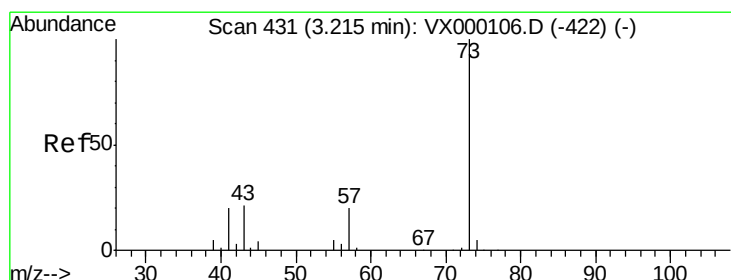
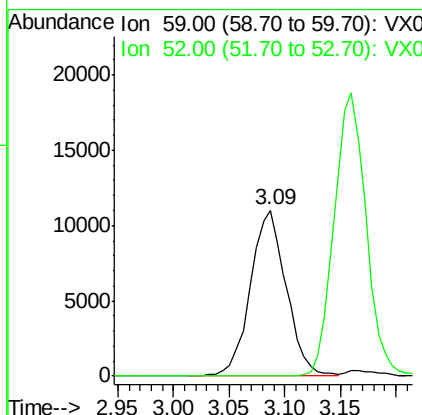
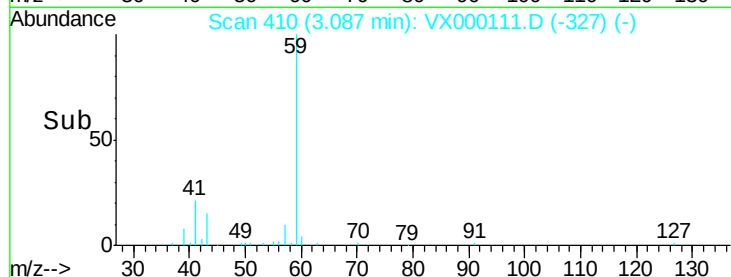
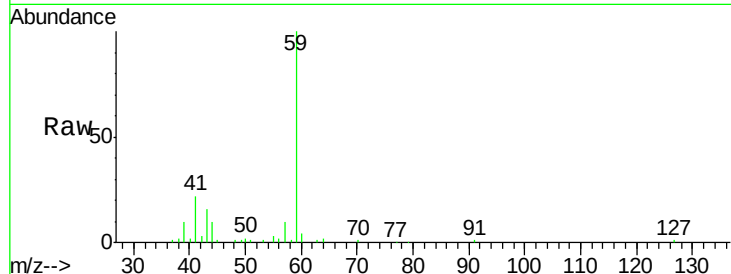
#23
 tert-Butyl Alcohol
 Concen: 51.03 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. 0.01 min
 Lab File: VX000111.D
 Acq: 20 Feb 2018 16:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

Tot Ion: 59 Resp: 24779
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.1 0.1#

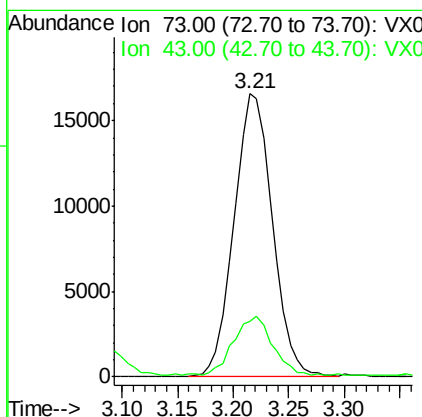
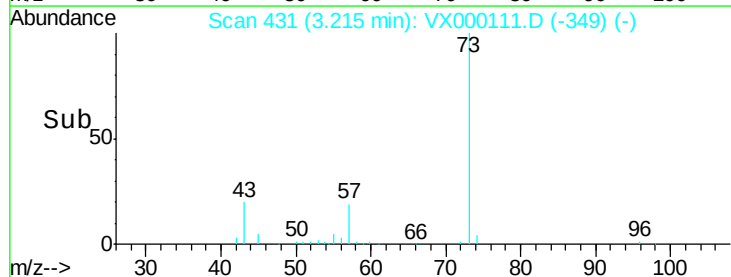
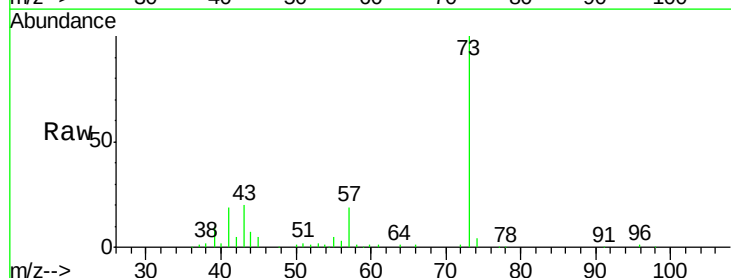
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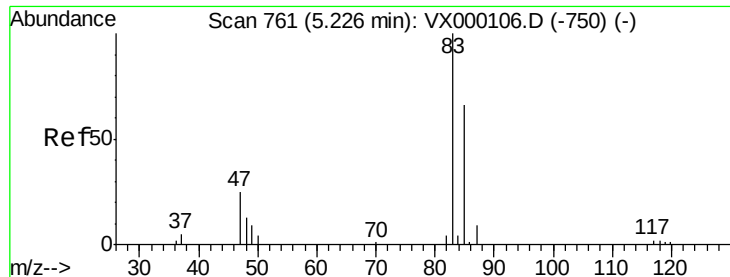
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#24
 Methyl tert-Butyl Ether
 Concen: 10.79 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. 0.00 min
 Lab File: VX000111.D
 Acq: 20 Feb 2018 16:30

Tgt Ion: 73 Resp: 39772
 Ion Ratio Lower Upper
 73 100
 43 21.1 16.5 24.7





#25

Chloroform

Concen: 10.59 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.00 min

Lab File: VX000111.D

Acq: 20 Feb 2018 16:30

Instrument :

MSVOA_X

ClientSampled :

VSTDIC010

Tot Ion: 83 Resp: 19740

Ion Ratio Lower Upper

83 100

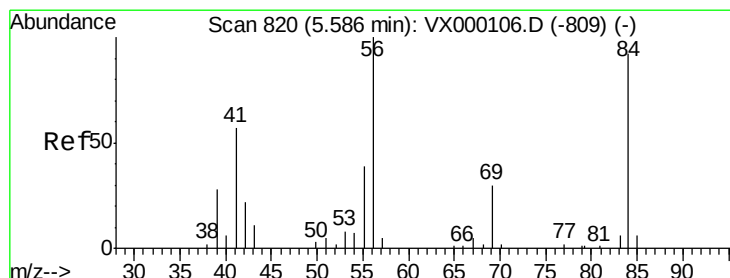
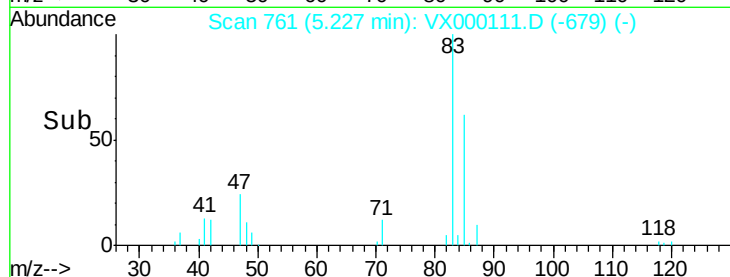
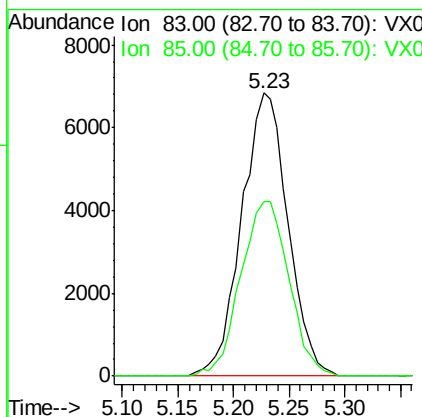
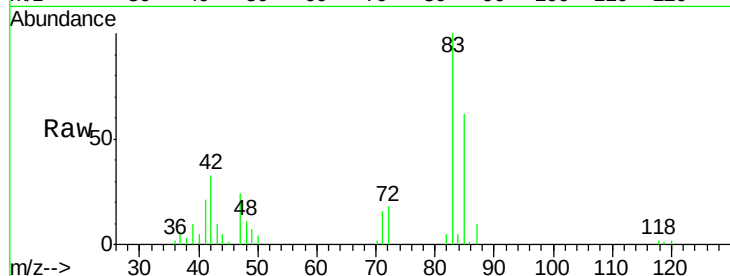
85 61.8 52.5 78.7

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#26

Cyclohexane

Concen: 10.66 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000111.D

Acq: 20 Feb 2018 16:30

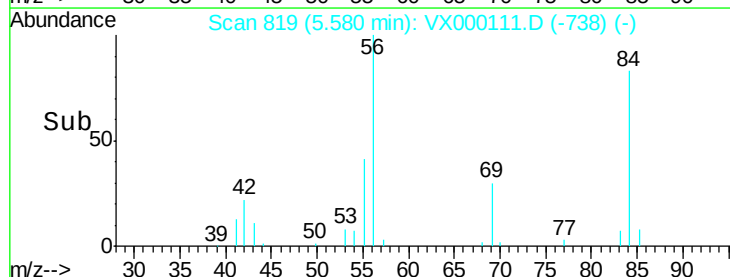
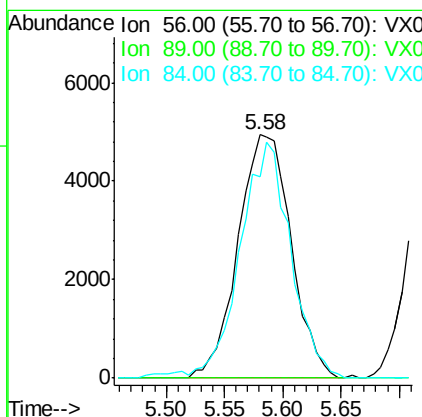
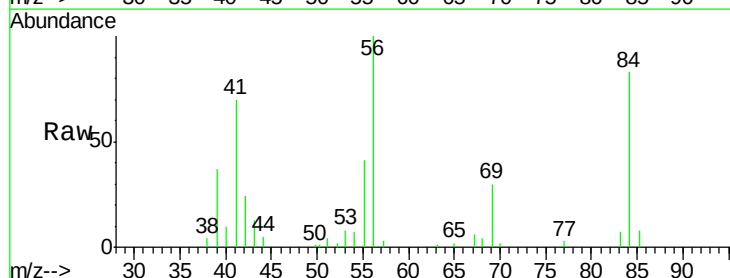
Tgt Ion: 56 Resp: 15654

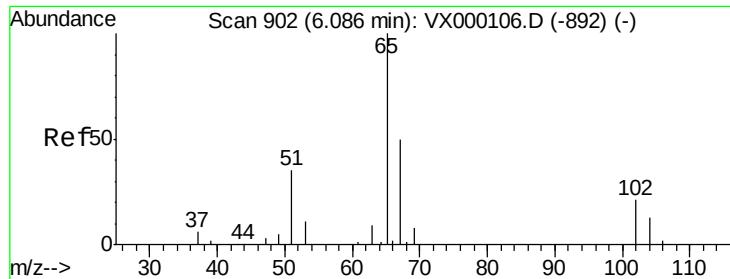
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 91.7 74.8 112.2





#27

1,2-Dichloroethane-d4

Concen: 31.58 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.01 min

Lab File: VX000111.D

Acq: 20 Feb 2018 16:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

Tot Ion: 65 Resp: 38999

Ion Ratio Lower Upper

65 100

67 51.3

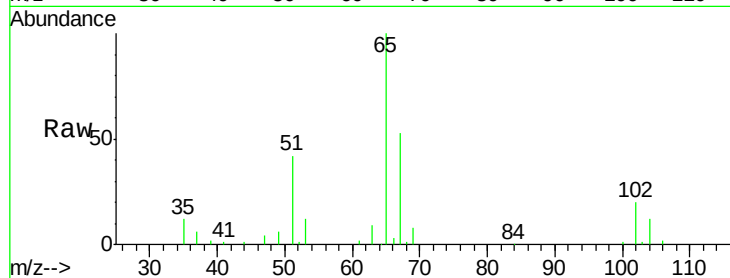
41.4 62.2

Manual Integrations

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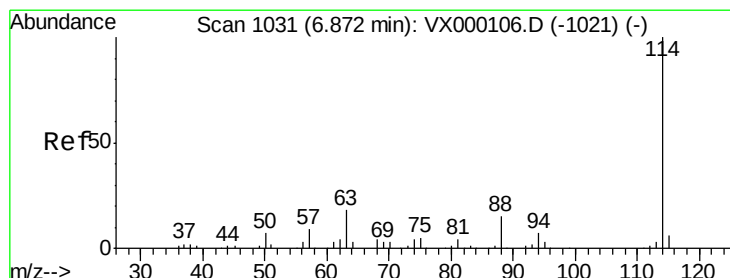
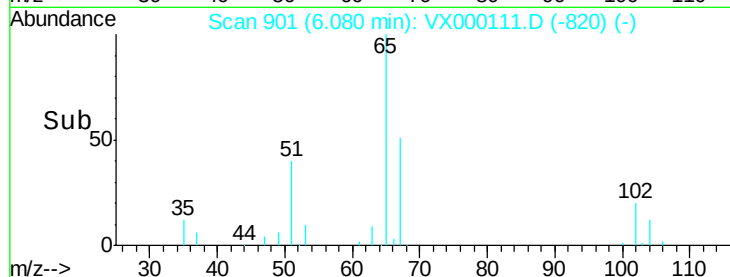
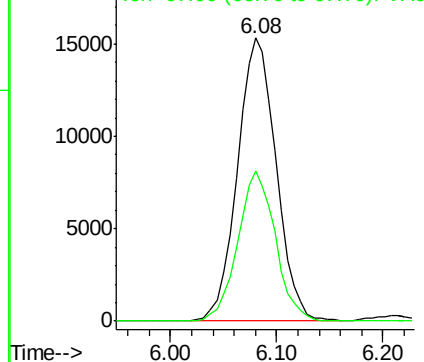
apatel

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Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VX000111.D

Acq: 20 Feb 2018 16:30

Tgt Ion: 114 Resp: 98850

Ion Ratio Lower Upper

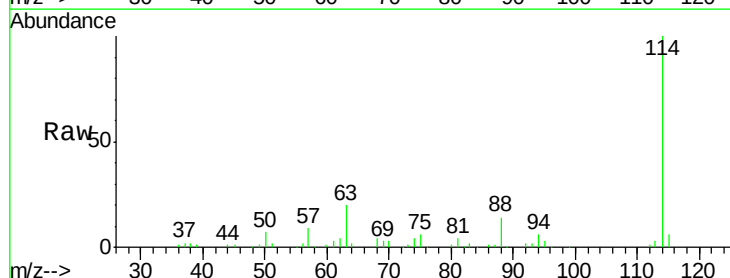
114 100

63 19.0

15.0 22.4

88 14.8

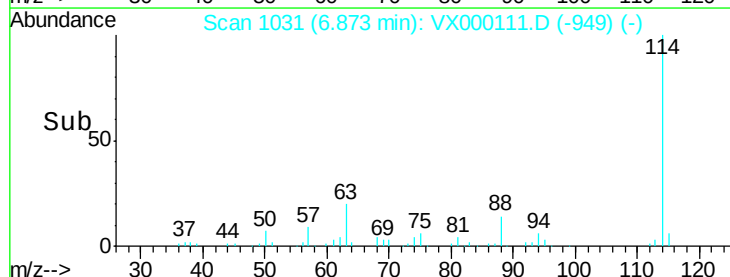
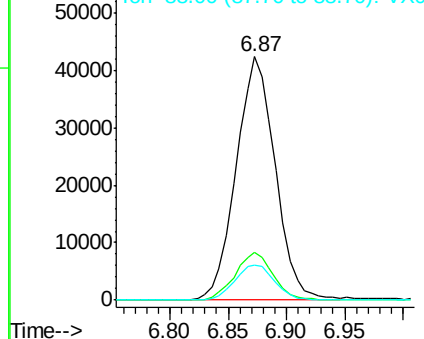
11.8 17.8

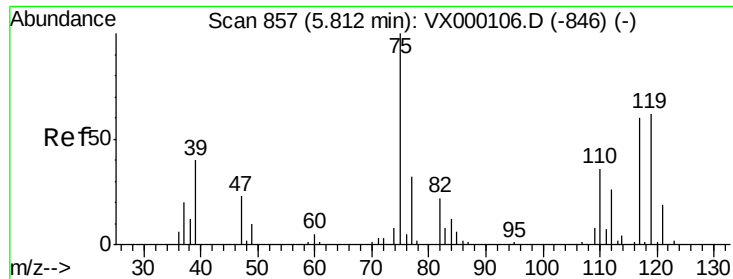


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





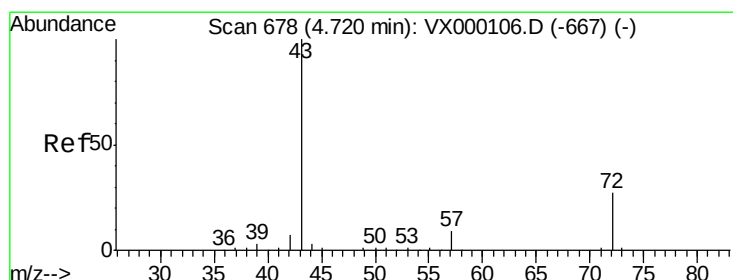
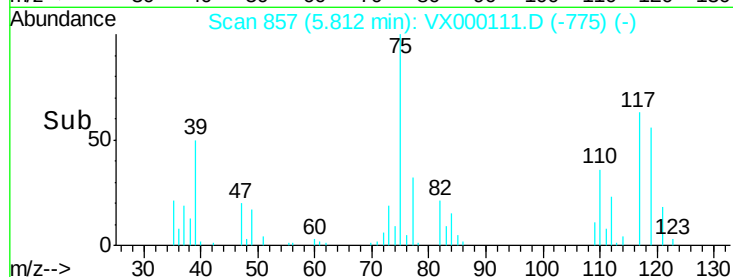
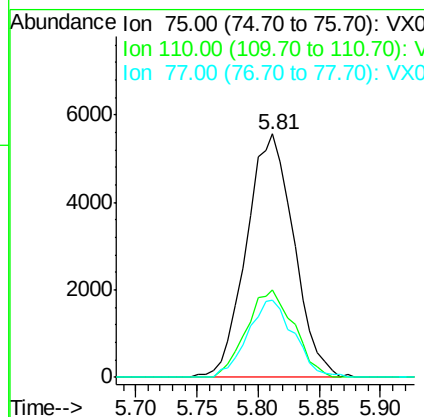
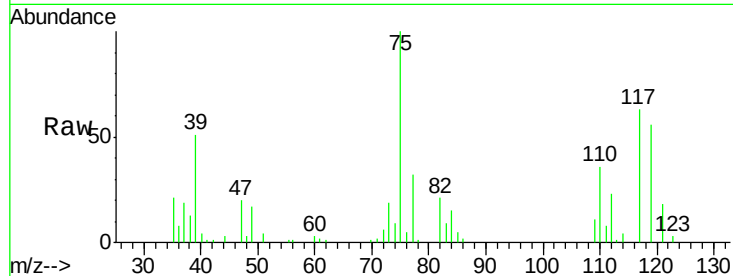
#29
1,1-Dichloropropene
Concen: 10.52 ug/l
RT: 5.81 min Scan# 857
Delta R.T. 0.00 min
Lab File: VX000111.D
Acq: 20 Feb 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
75	100		
110	35.9	0.0	75.6
77	31.0	0.0	62.6

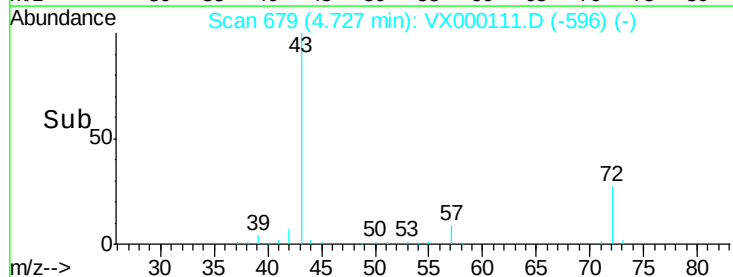
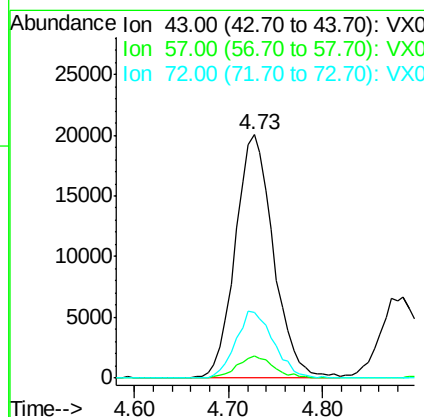
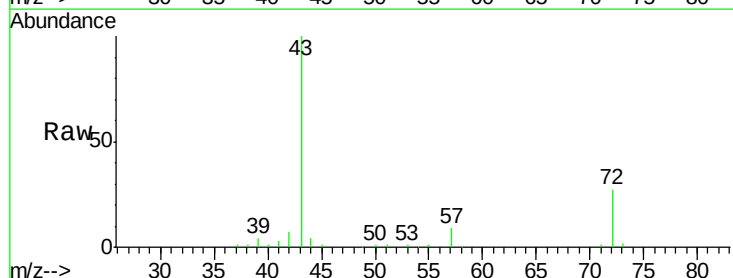
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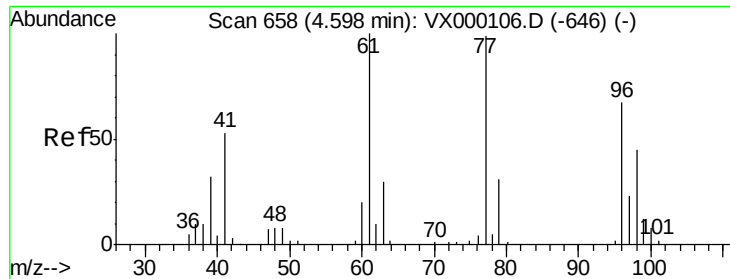
apatel
2/22/2018 4:04:39 PM



#30
2-Butanone
Concen: 49.74 ug/l
RT: 4.73 min Scan# 679
Delta R.T. 0.01 min
Lab File: VX000111.D
Acq: 20 Feb 2018 16:30

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.8	6.6	10.0
72	27.1	21.8	32.6





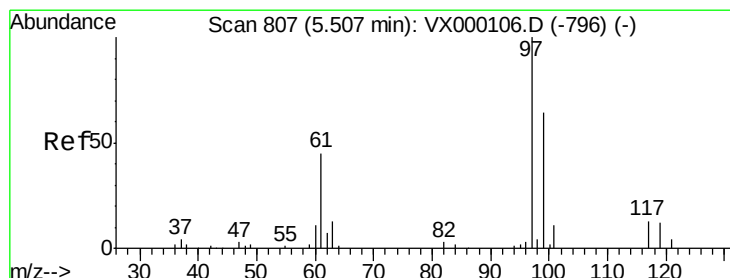
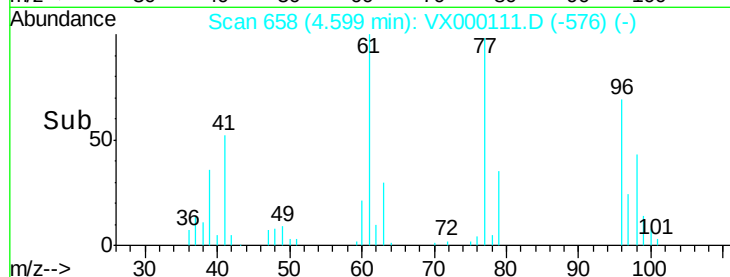
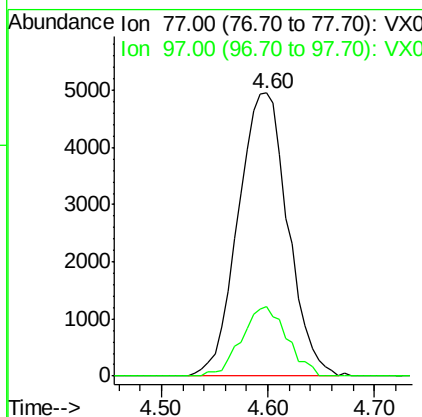
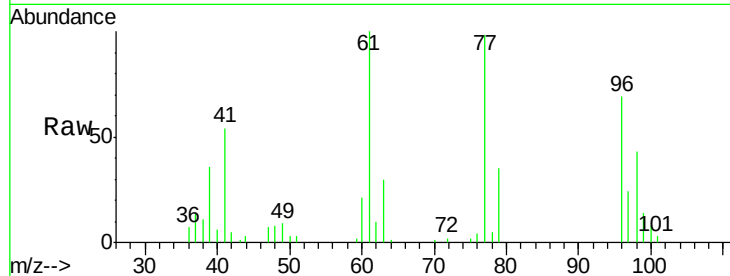
#31
 2,2-Dichloropropane
 Concen: 10.55 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: VX000111.D
 Acq: 20 Feb 2018 16:30

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC010

Tot Ion: 77 Resp: 16205
 Ion Ratio Lower Upper
 77 100
 97 22.0 18.6 27.8

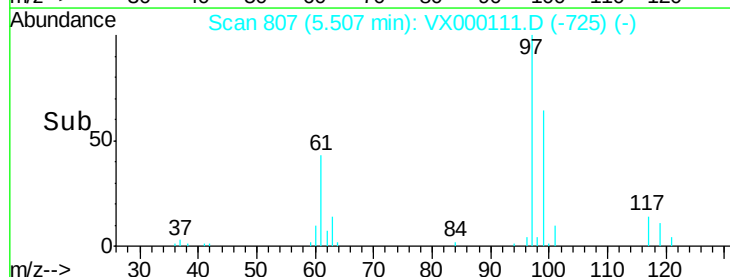
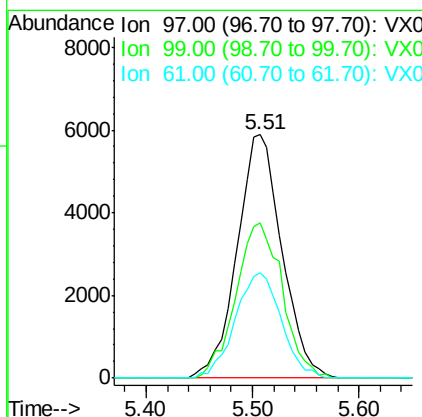
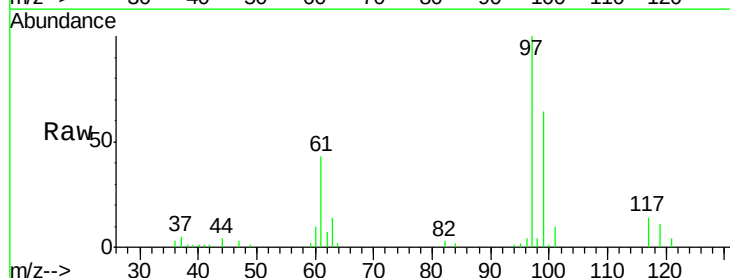
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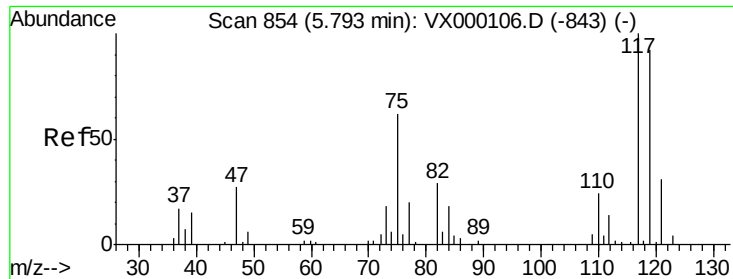
apatel
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#32
 1,1,1-Trichloroethane
 Concen: 10.01 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX000111.D
 Acq: 20 Feb 2018 16:30

Tgt Ion: 97 Resp: 17355
 Ion Ratio Lower Upper
 97 100
 99 66.0 52.3 78.5
 61 44.5 34.3 51.5





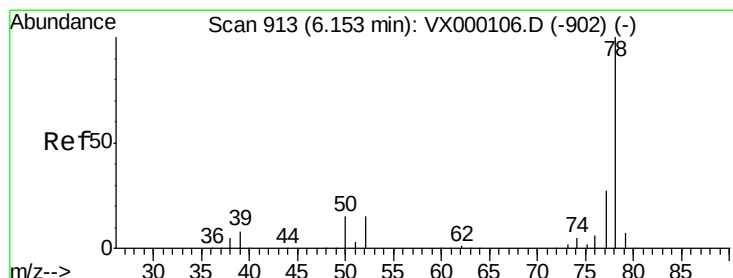
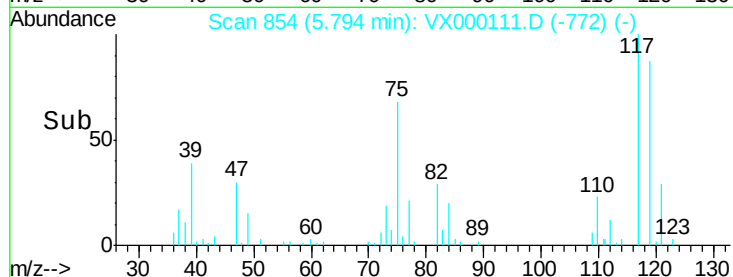
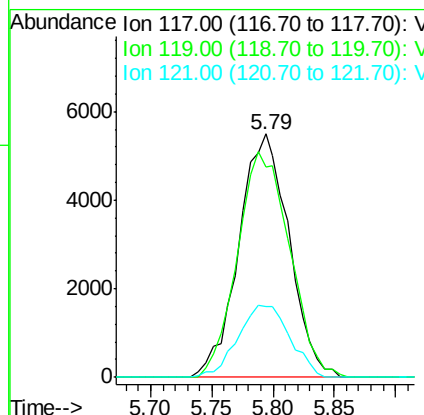
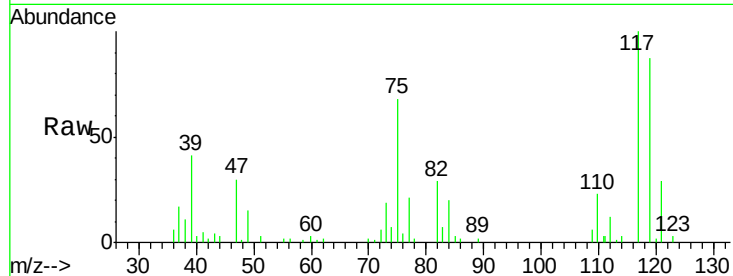
#33
Carbon Tetrachloride
Concen: 10.22 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX000111.D
Acq: 20 Feb 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
117	100		
119	86.6	73.5	110.3
121	29.1	24.6	37.0

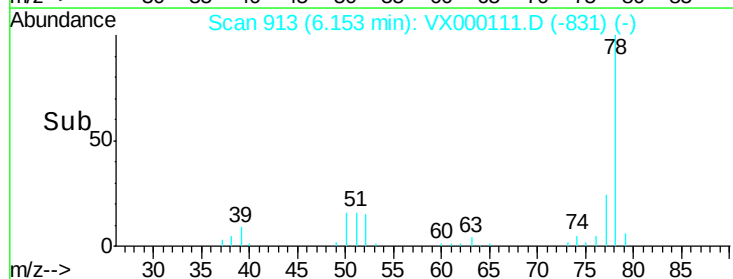
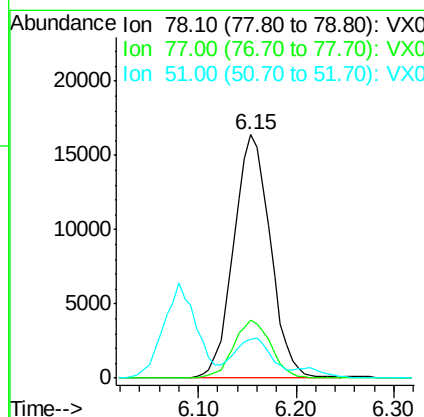
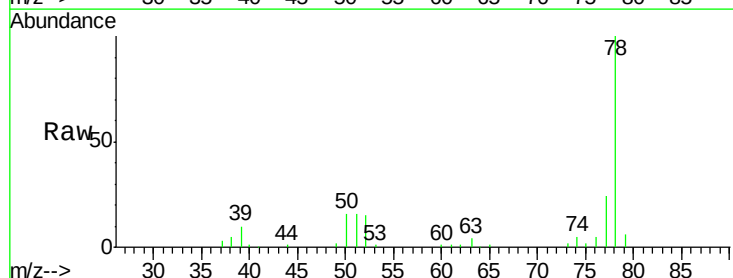
Manual Integrations
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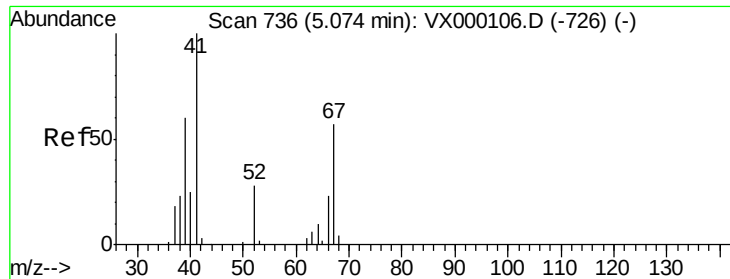
apatel
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#34
Benzene
Concen: 10.25 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000111.D
Acq: 20 Feb 2018 16:30

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	21.7	32.5
51	15.5	14.9	22.3





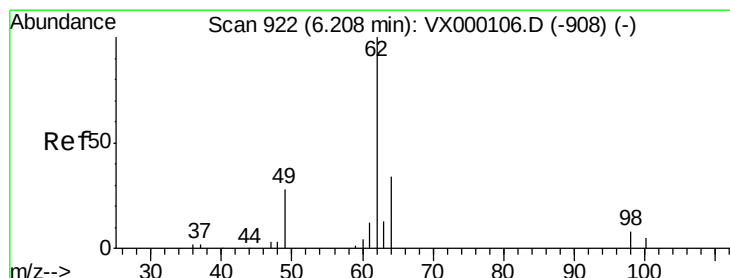
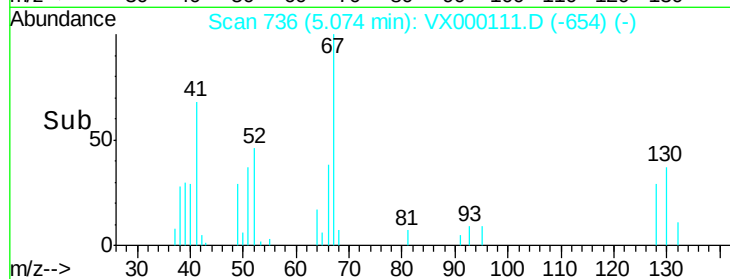
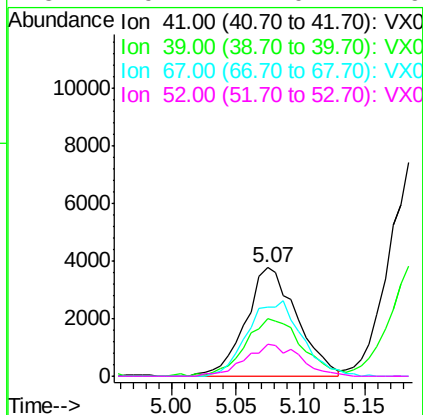
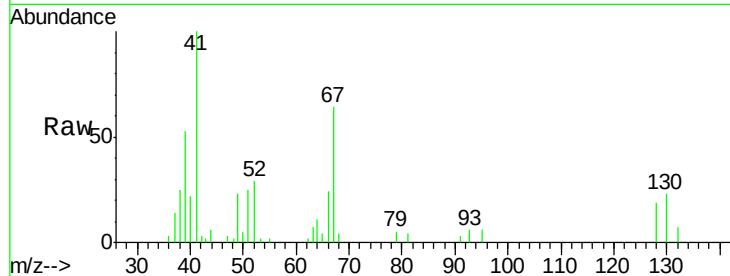
#35
Methacrylonitrile
Concen: 10.27 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX000111.D
Acq: 20 Feb 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tot Ion:	41	Resp:	10420
Ion	Ratio	Lower	Upper
41	100		
39	53.3	29.8	89.3
67	63.7	28.7	86.3
52	29.1	14.0	41.9

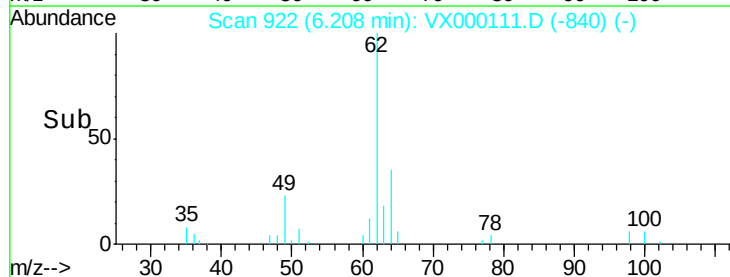
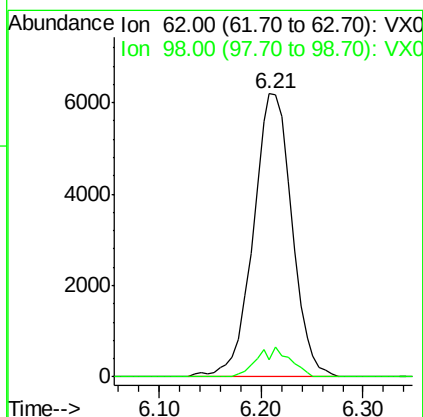
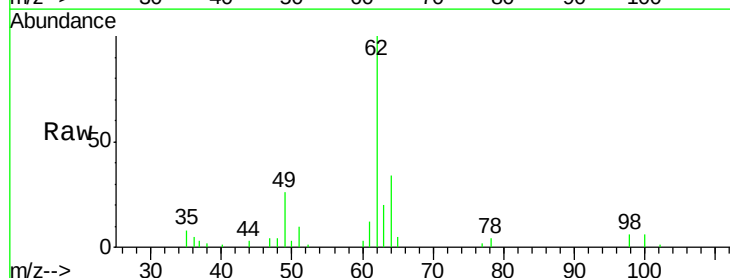
Manual Integrations
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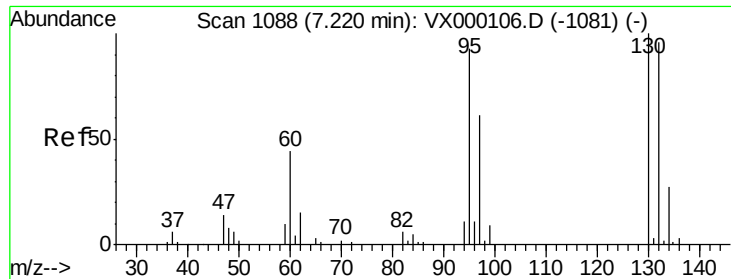
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#36
1,2-Dichloroethane
Concen: 10.37 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000111.D
Acq: 20 Feb 2018 16:30

Tgt Ion:	62	Resp:	16302
Ion	Ratio	Lower	Upper
62	100		
98	4.8	6.9	10.3#





#37

Trichloroethene

Concen: 9.83 ug/l

RT: 7.23 min Scan# 1089

Delta R.T. 0.01 min

Lab File: VX000111.D

Acq: 20 Feb 2018 16:30

Instrument :

MSVOA_X

ClientSampled :

VSTDIC010

Tot Ion:130 Resp: 12168

Ion Ratio Lower Upper

130 100

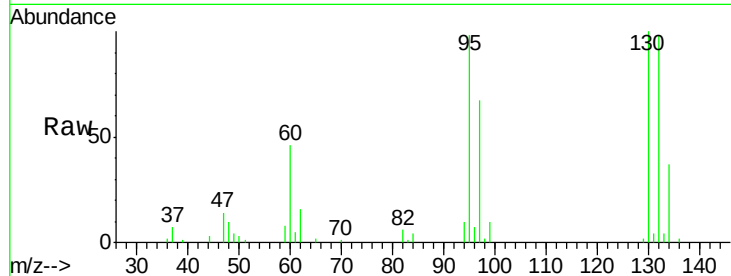
95 98.3 74.6 112.0

Manual Integrations

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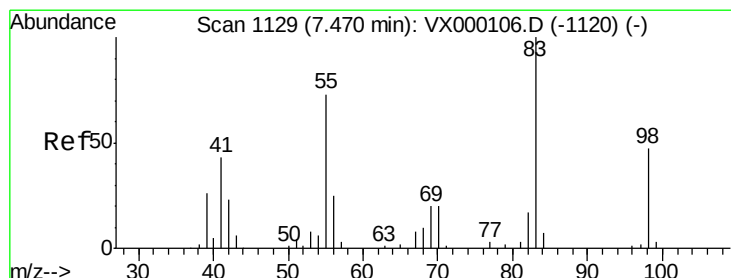
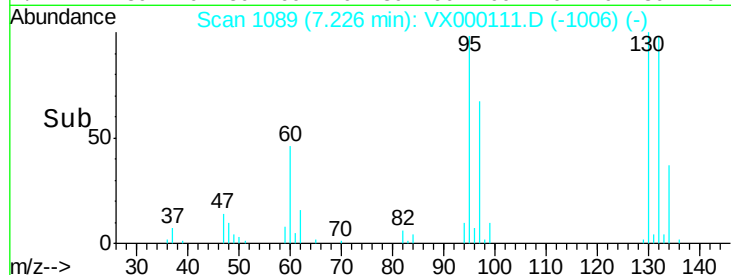
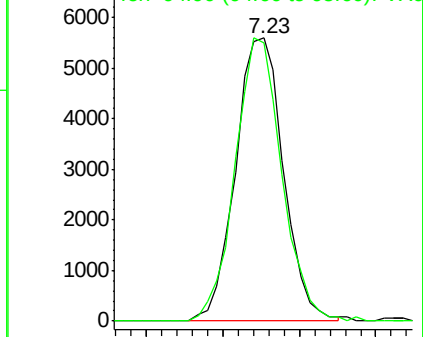
apatel

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 10.74 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. 0.00 min

Lab File: VX000111.D

Acq: 20 Feb 2018 16:30

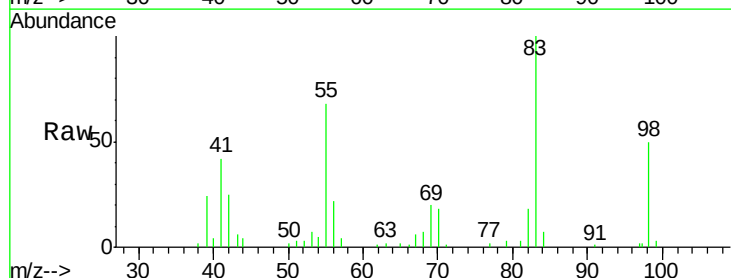
Tgt Ion: 83 Resp: 18032

Ion Ratio Lower Upper

83 100

55 70.3 35.9 107.7

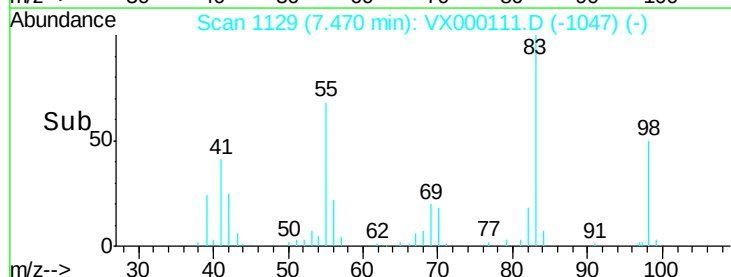
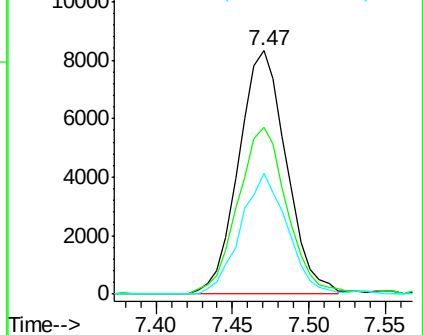
98 48.5 24.6 74.0

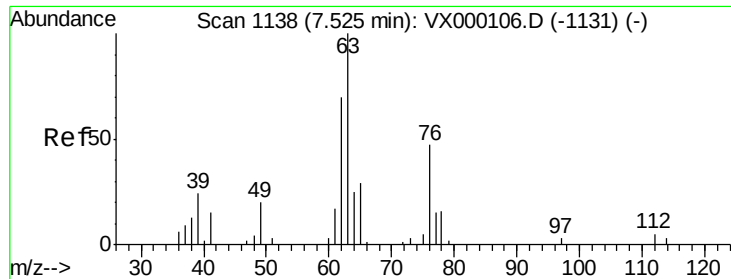


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





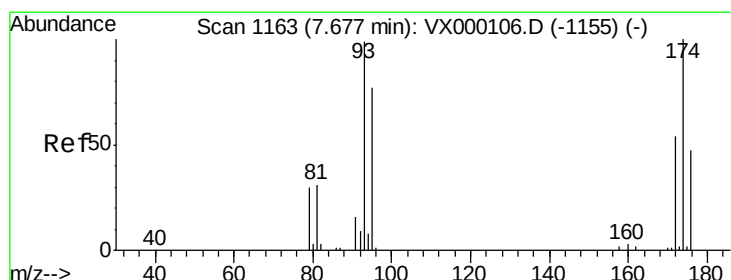
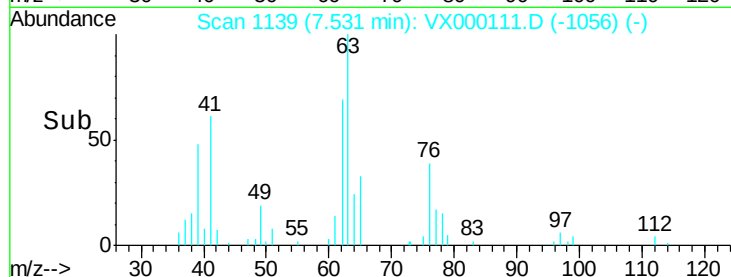
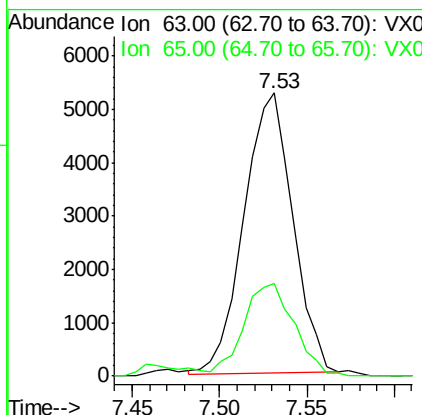
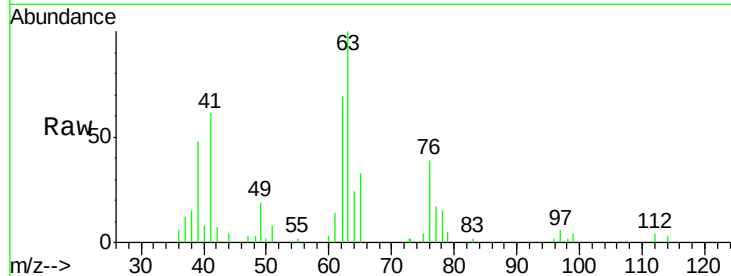
#39
 1,2-Dichloropropane
 Concen: 9.73 ug/l
 RT: 7.53 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VX000111.D
 Acq: 20 Feb 2018 16:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

Tot Ion: 63 Resp: 10234
 Ion Ratio Lower Upper
 63 100
 65 32.1 25.0 37.6

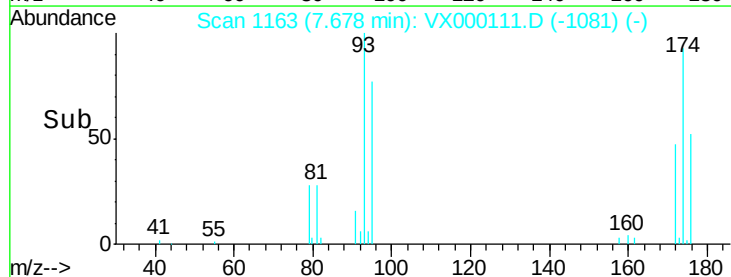
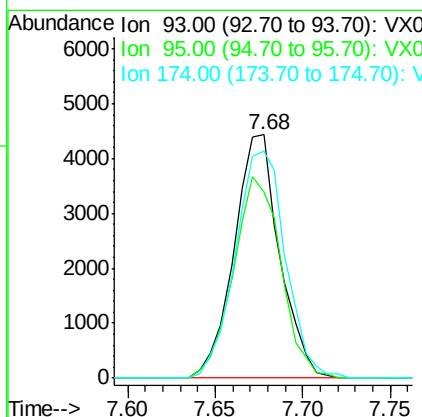
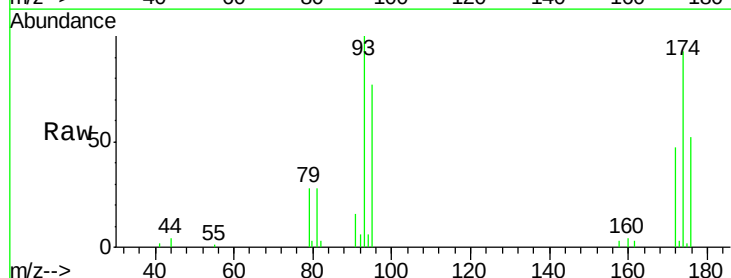
Manual Integrations
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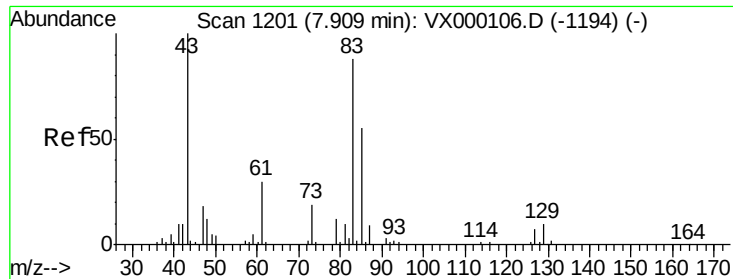
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#40
 Dibromomethane
 Concen: 10.19 ug/l
 RT: 7.68 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: VX000111.D
 Acq: 20 Feb 2018 16:30

Tgt Ion: 93 Resp: 8055
 Ion Ratio Lower Upper
 93 100
 95 86.2 0.0 170.6
 174 102.6 0.0 210.4





#41

Bromodichloromethane

Concen: 9.85 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000111.D

Acq: 20 Feb 2018 16:30

Instrument :

MSVOA_X

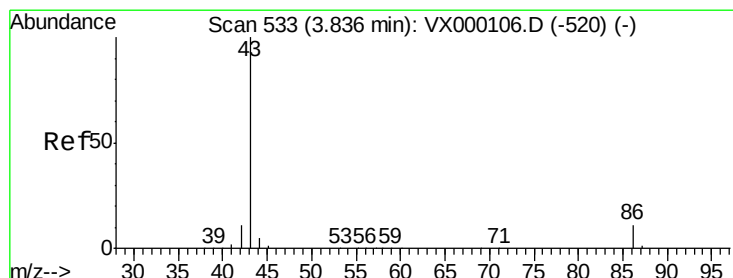
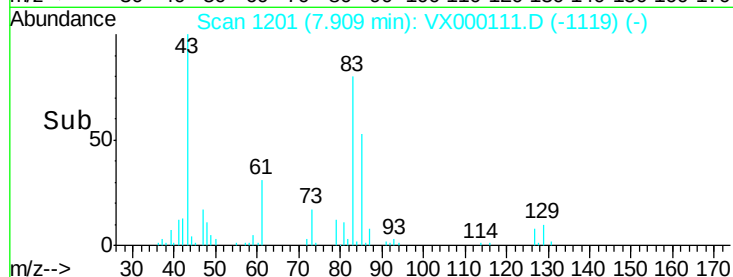
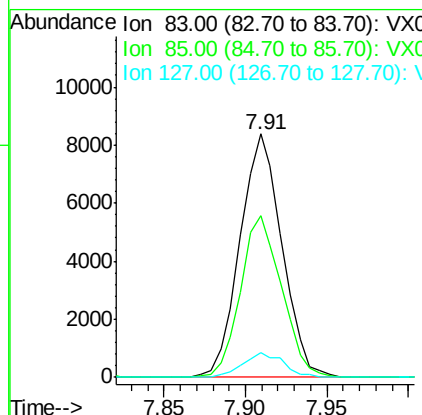
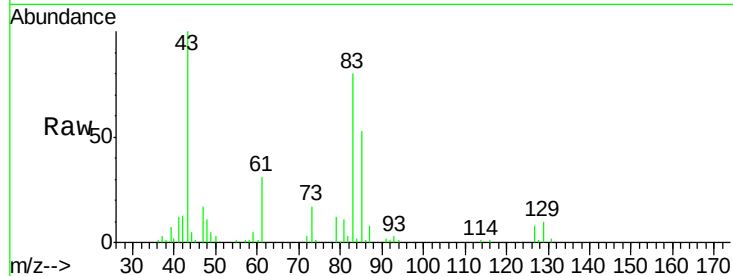
ClientSampled :

VSTDIC010

Tot Ion	83	Resp	15023
Ion	Ratio	Lower	Upper
83	100		
85	66.5	50.0	75.0
127	11.5	6.6	10.0

Manual Integrations
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#42

Vinyl Acetate

Concen: 49.73 ug/l

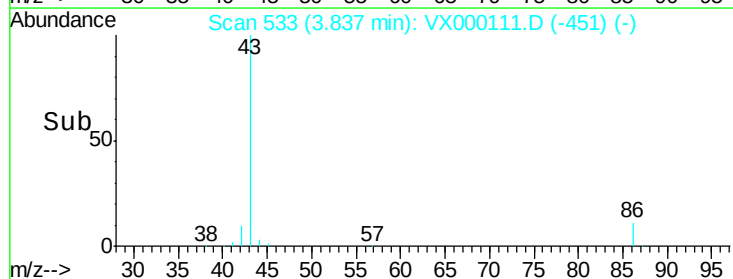
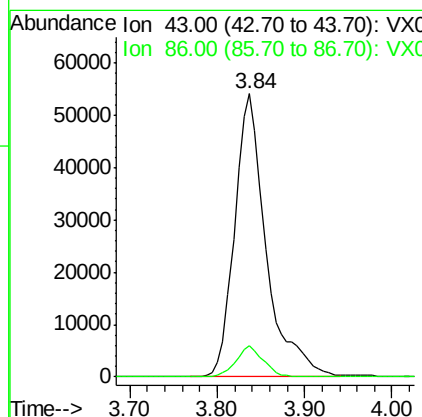
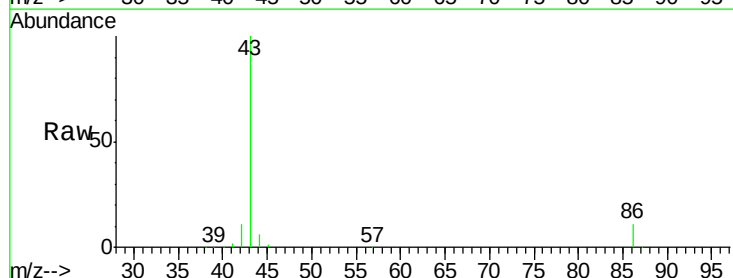
RT: 3.84 min Scan# 533

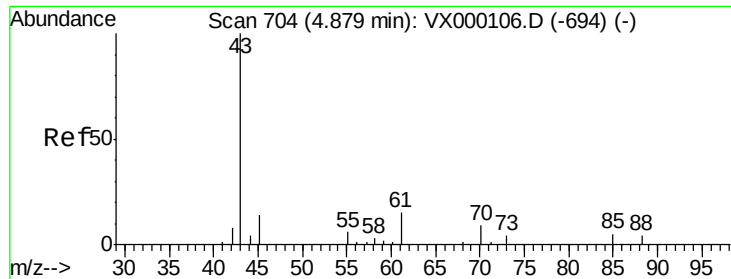
Delta R.T. 0.00 min

Lab File: VX000111.D

Acq: 20 Feb 2018 16:30

Tgt Ion	43	Resp	136098
Ion	Ratio	Lower	Upper
43	100		
86	9.4	7.8	11.6





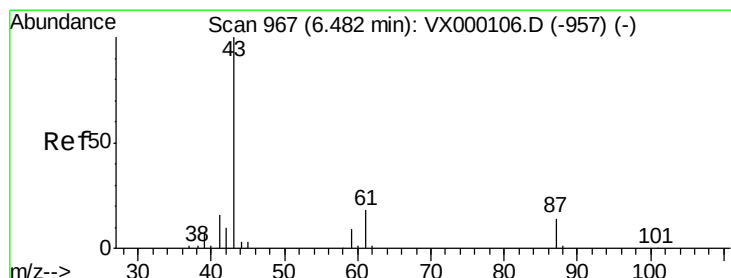
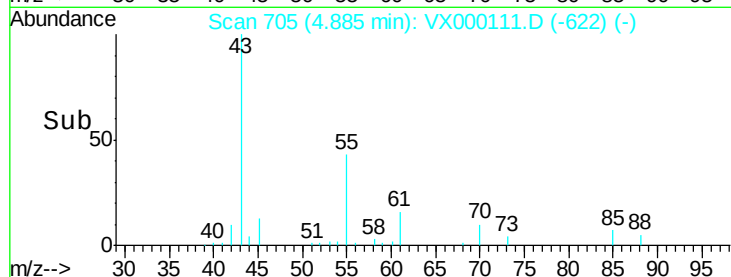
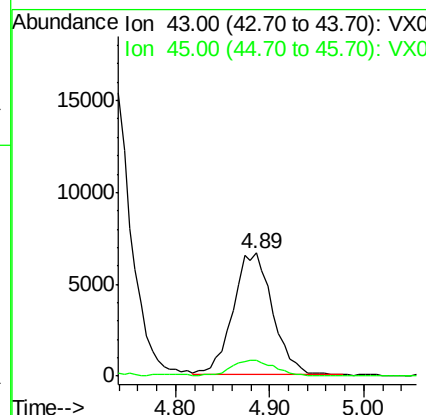
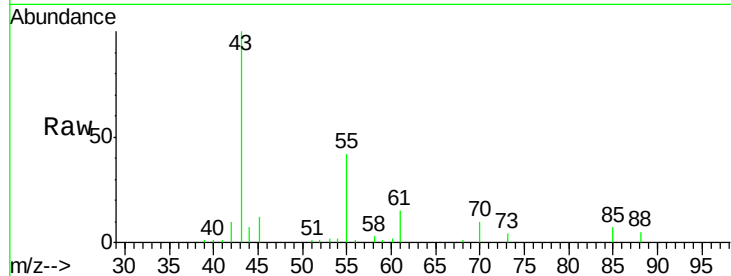
#43
Ethyl Acetate
Concen: 9.82 ug/l
RT: 4.89 min Scan# 705
Delta R.T. 0.01 min
Lab File: VX000111.D
Acq: 20 Feb 2018 16:30

Instrument :
MSVOA_X
ClientSampled :
VSTDIC010

Tot Ion: 43 Resp: 19537
Ion Ratio Lower Upper
43 100
45 14.0 11.4 17.0

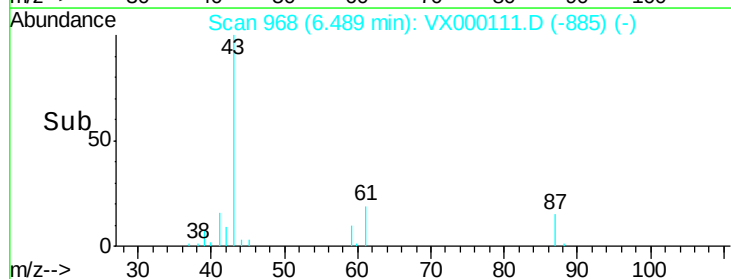
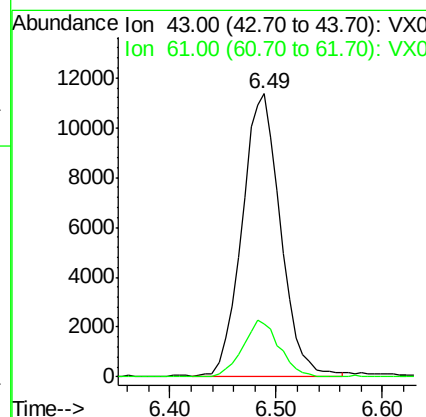
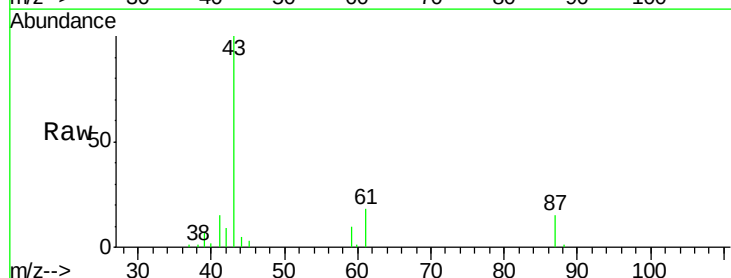
Manual Integrations
APPROVED

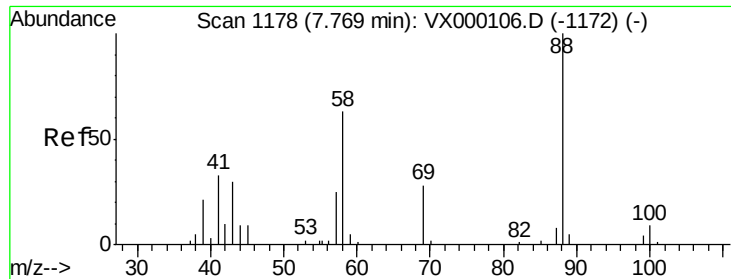
apatel
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#44
Isopropyl Acetate
Concen: 10.18 ug/l
RT: 6.49 min Scan# 968
Delta R.T. 0.01 min
Lab File: VX000111.D
Acq: 20 Feb 2018 16:30

Tgt Ion: 43 Resp: 28915
Ion Ratio Lower Upper
43 100
61 18.8 15.7 23.5





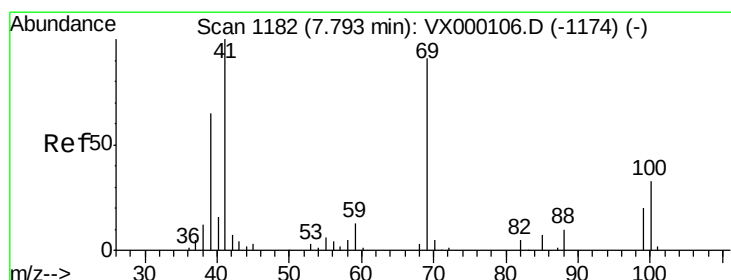
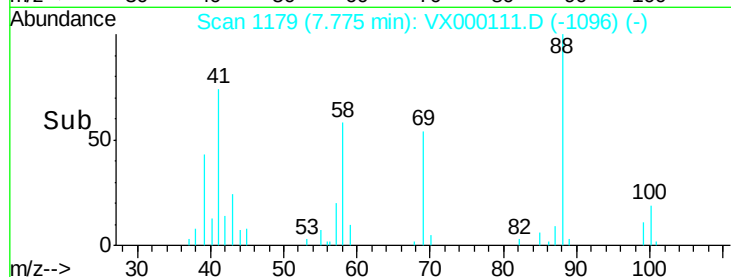
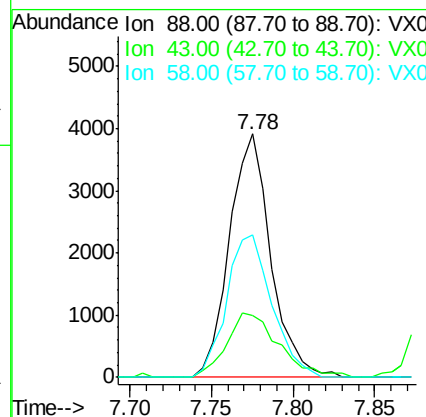
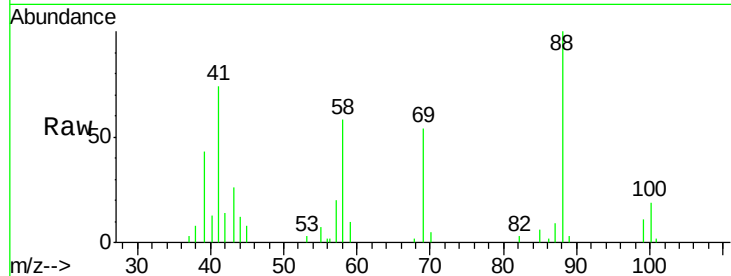
#45
1,4-Dioxane
Concen: 196.28 ug/l
RT: 7.78 min Scan# 1179
Delta R.T. 0.01 min
Lab File: VX000111.D
Acq: 20 Feb 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.7	26.8	40.2
58	63.9	52.1	78.1

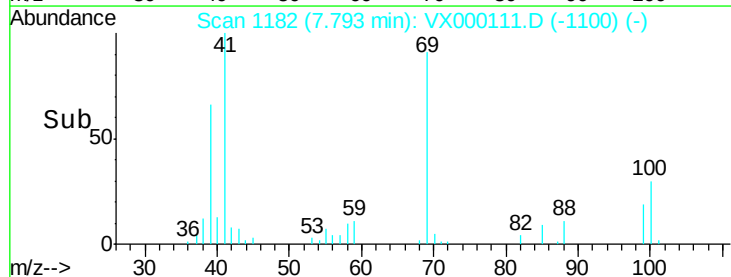
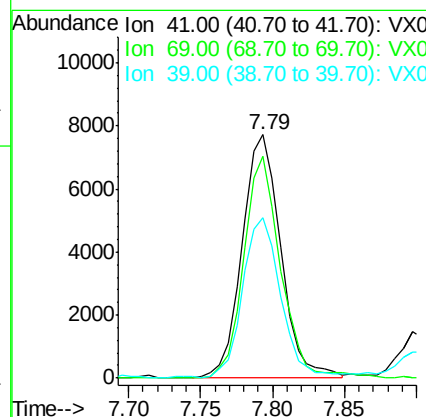
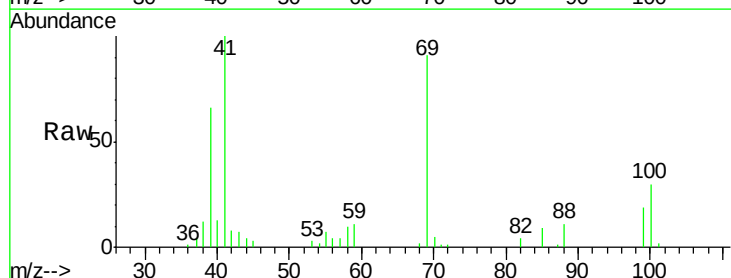
Manual Integrations
APPROVED

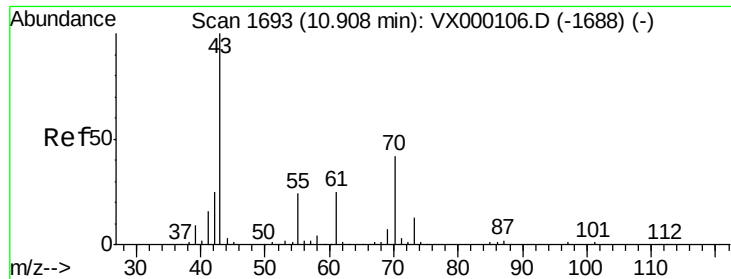
apatel
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#46
Methyl methacrylate
Concen: 10.38 ug/l
RT: 7.79 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VX000111.D
Acq: 20 Feb 2018 16:30

Tgt Ion	Ratio	Lower	Upper
41	100		
69	91.2	45.5	136.5
39	65.0	32.5	97.5





#47

n-amvl Acetate

Concen: 9.98 ug/l

RT: 10.91 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VX000111.D

Acq: 20 Feb 2018 16:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 24367

Ion Ratio Lower Upper

43 100

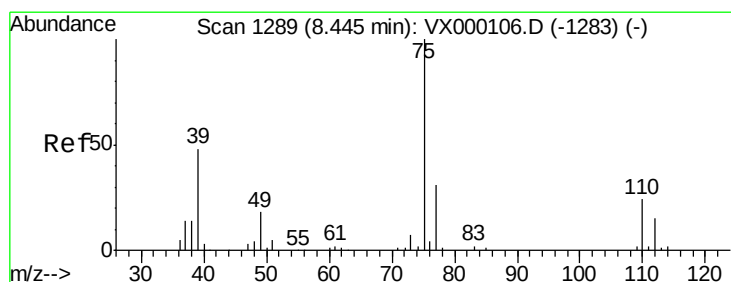
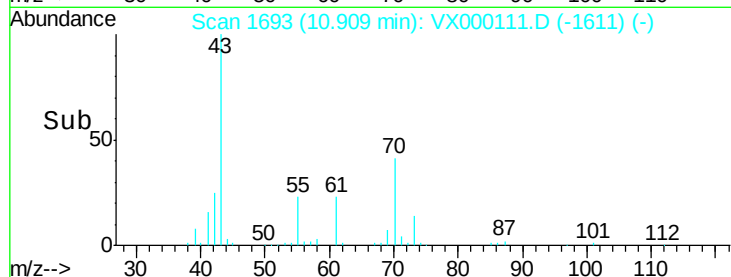
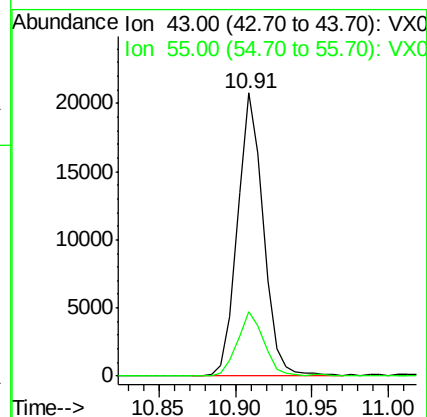
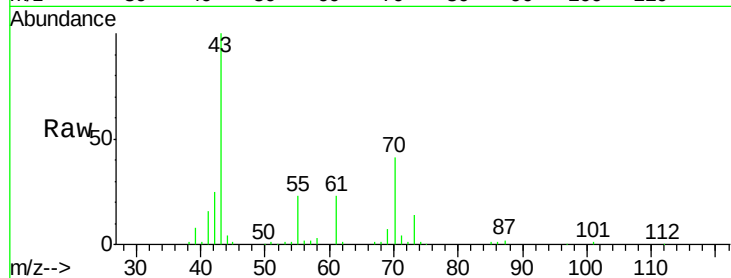
55 23.4 19.4 29.2

Manual Integrations

APPROVED

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#48

t-1,3-Dichloropropene

Concen: 9.72 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VX000111.D

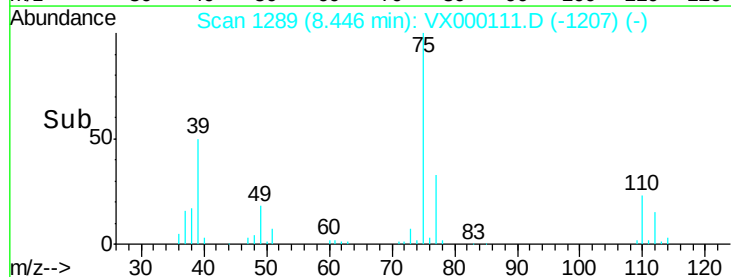
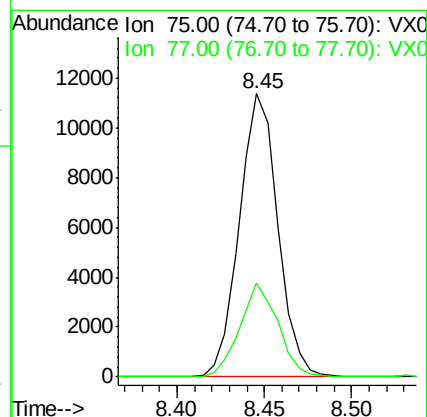
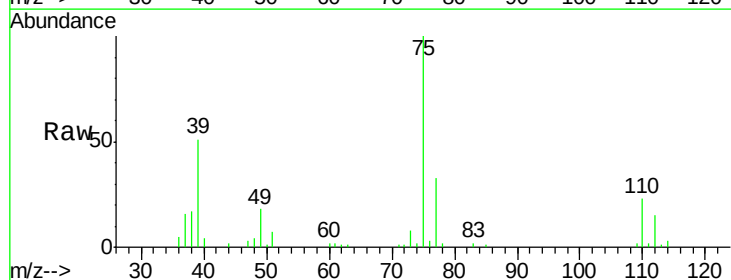
Acq: 20 Feb 2018 16:30

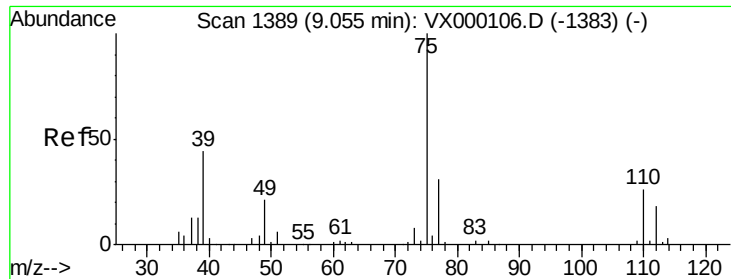
Tgt Ion: 75 Resp: 17401

Ion Ratio Lower Upper

75 100

77 33.2 24.6 37.0





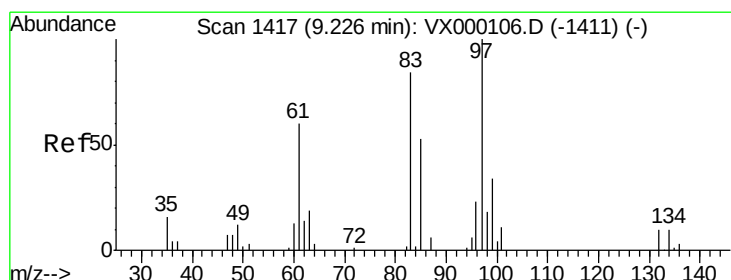
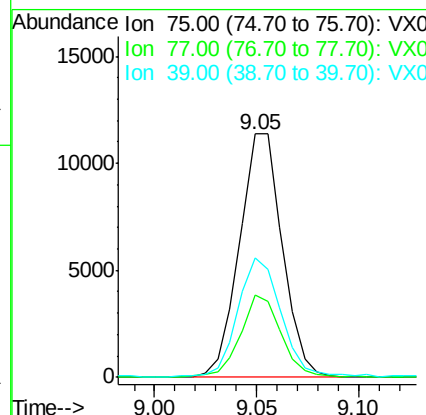
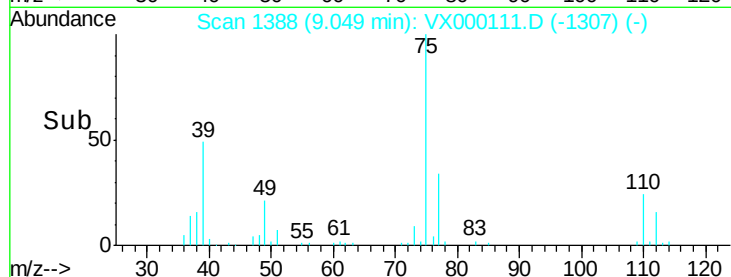
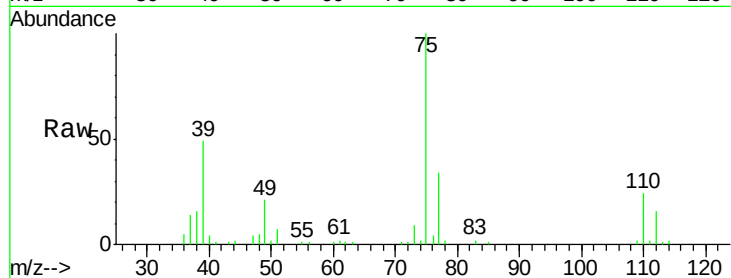
#49
 cis-1,3-Dichloropropene
 Concen: 9.62 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: VX000111.D
 Acq: 20 Feb 2018 16:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.9	24.5	36.7
39	48.4	35.6	53.4

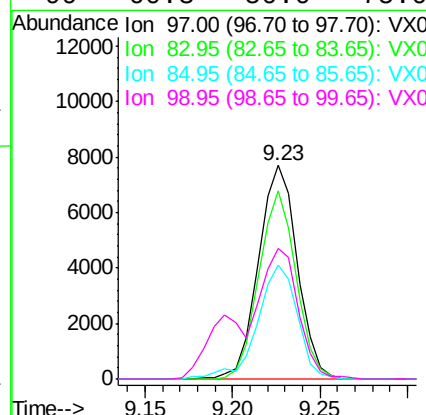
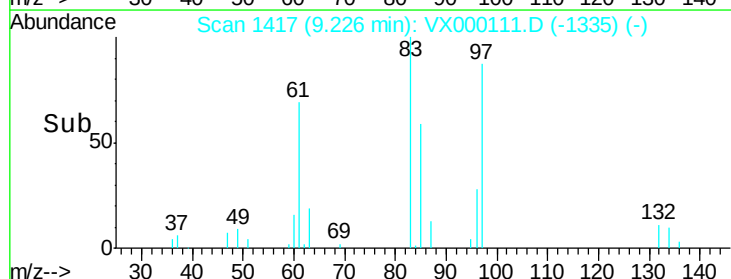
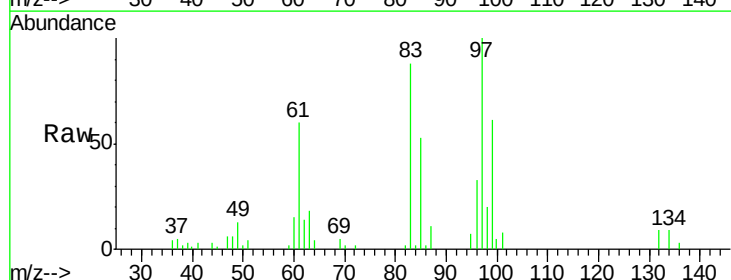
Manual Integrations
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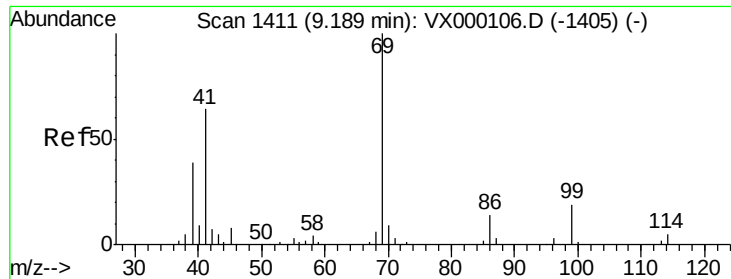
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#50
 1,1,2-Trichloroethane
 Concen: 10.38 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000111.D
 Acq: 20 Feb 2018 16:30

Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.2	66.9	100.3
85	53.5	44.4	66.6
99	60.3	50.0	75.0





#51

Ethyl methacrylate

Concen: 10.24 ug/l

RT: 9.20 min Scan# 1412

Delta R.T. 0.01 min

Lab File: VX000111.D

Acq: 20 Feb 2018 16:30

Instrument :

MSVOA_X

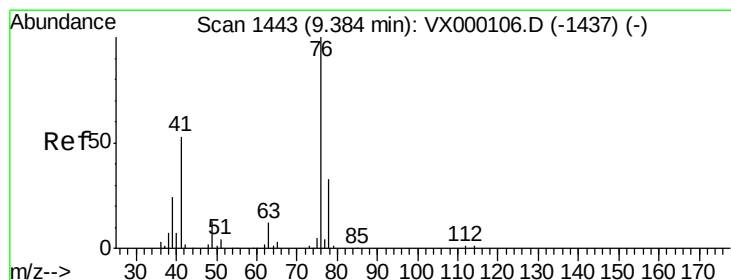
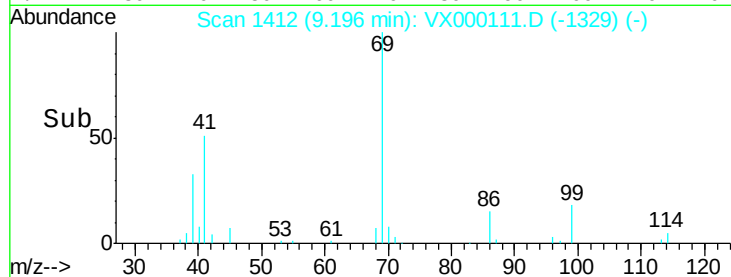
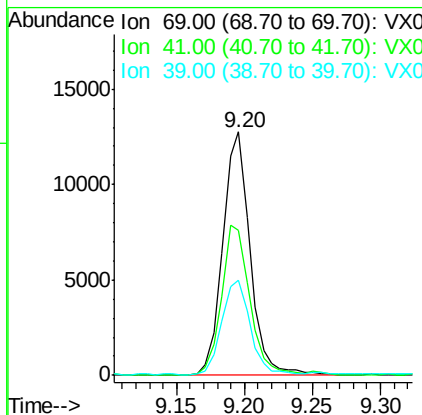
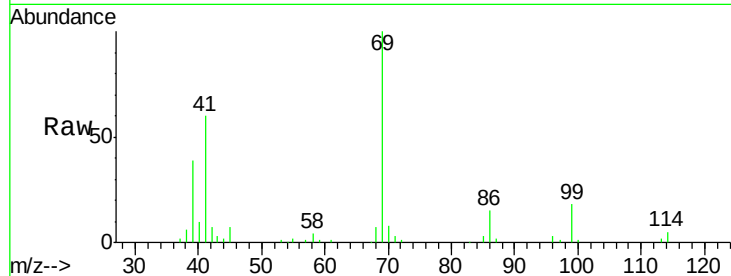
ClientSampled :

VSTDIC010

Tot Ion:	69	Resp:	17795
Ion Ratio	Lower	Upper	
69	100		
41	59.6	32.1	96.3
39	39.0	19.6	58.7

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 9.84 ug/l

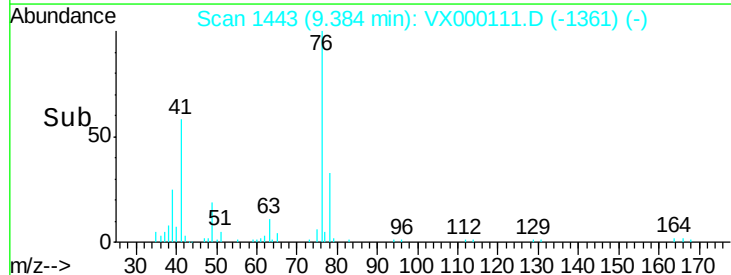
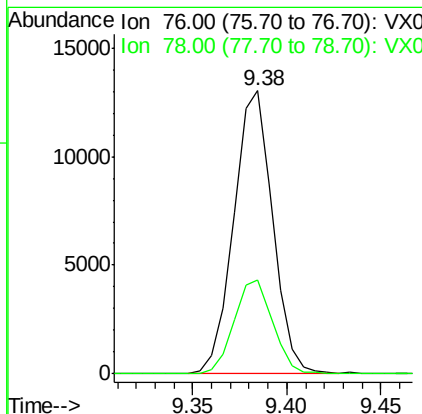
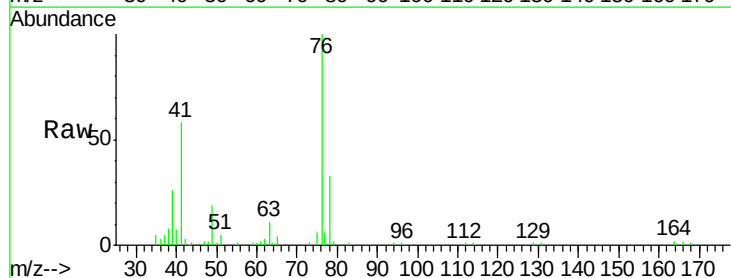
RT: 9.38 min Scan# 1443

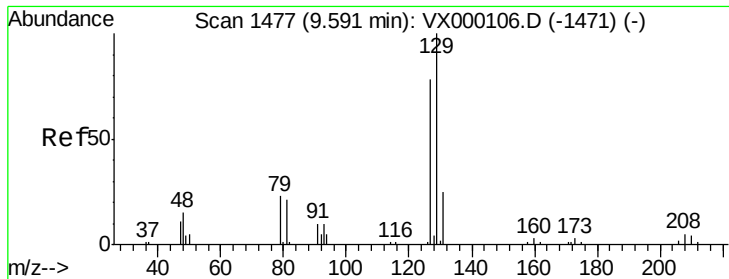
Delta R.T. 0.00 min

Lab File: VX000111.D

Acq: 20 Feb 2018 16:30

Tgt Ion:	76	Resp:	18660
Ion Ratio	Lower	Upper	
76	100		
78	33.0	0.0	65.0





#53

Dibromochloromethane

Concen: 9.44 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. 0.00 min

Lab File: VX000111.D

Acq: 20 Feb 2018 16:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

Tot Ion:129 Resp: 12199

Ion Ratio Lower Upper

129 100

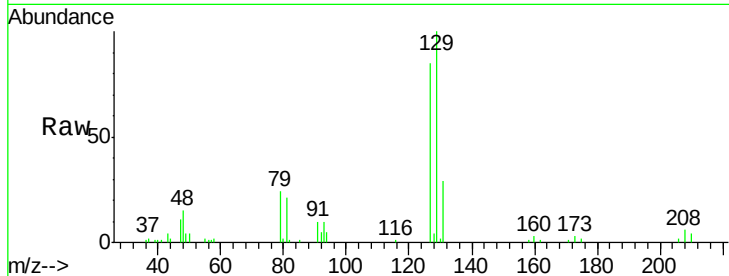
127 78.3 37.5 112.5

Manual Integrations

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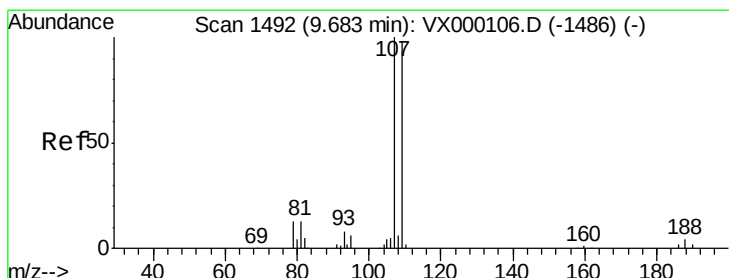
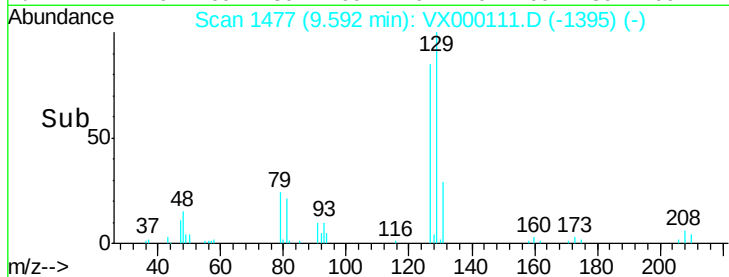
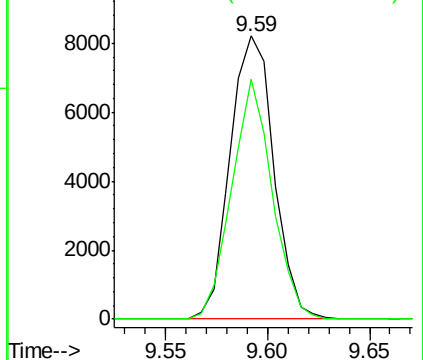
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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 9.93 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000111.D

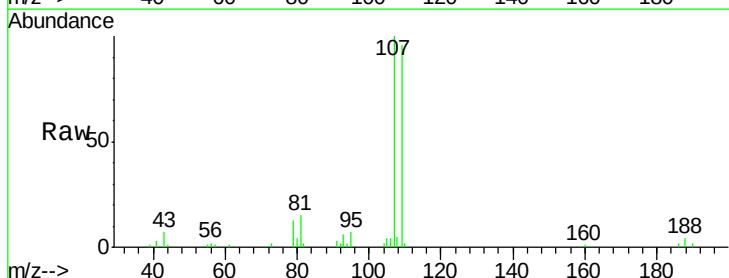
Acq: 20 Feb 2018 16:30

Tgt Ion:107 Resp: 12914

Ion Ratio Lower Upper

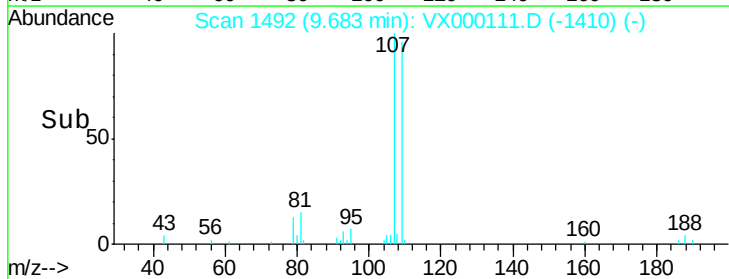
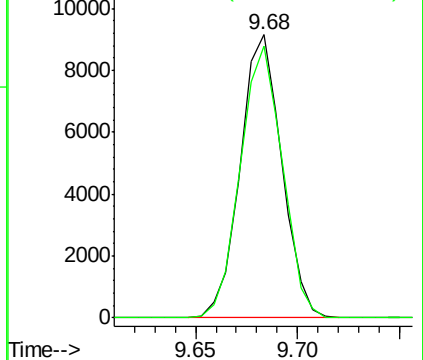
107 100

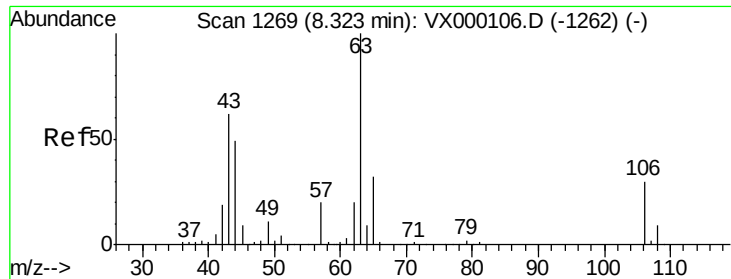
109 97.3 74.5 111.7



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





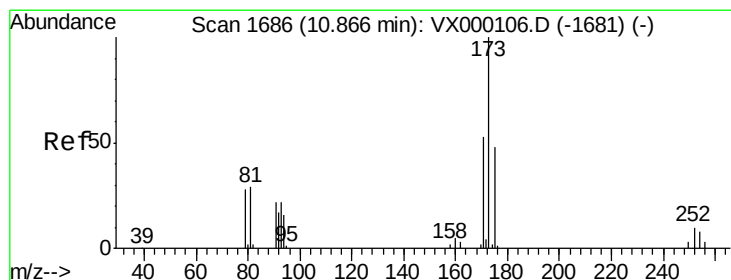
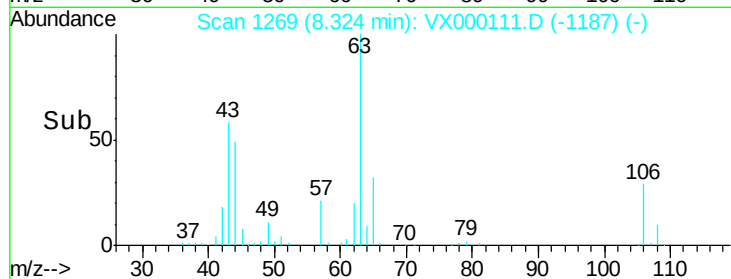
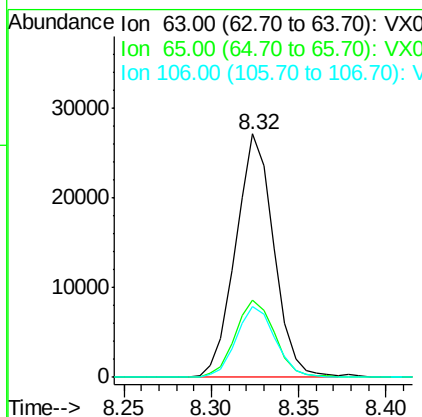
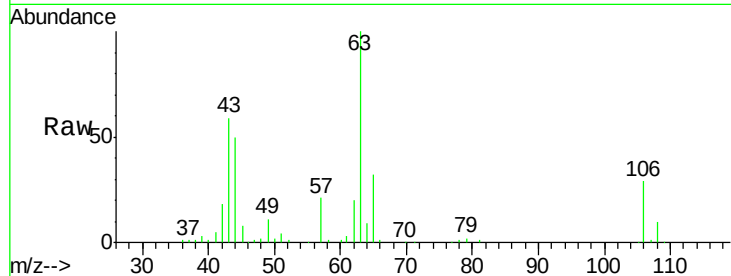
#55
2-Chloroethyl vinyl ether
Concen: 46.15 ug/l
RT: 8.32 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX000111.D
Acq: 20 Feb 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
63	100		
65	33.3	25.8	38.8
106	29.8	23.8	35.6

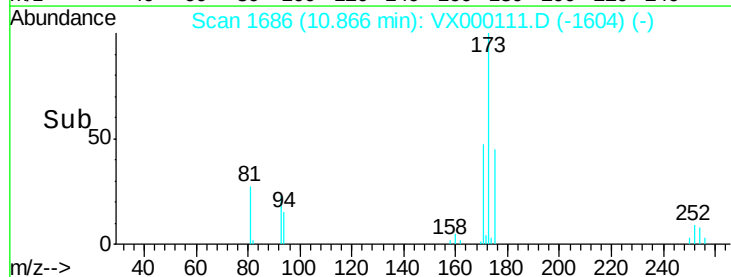
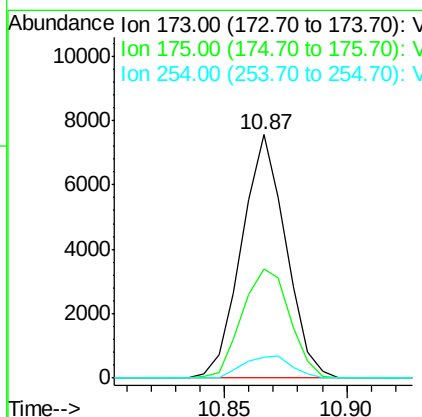
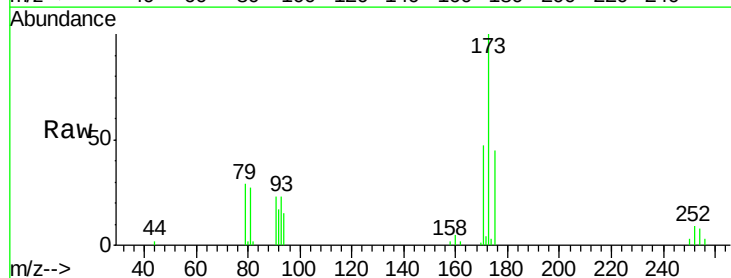
Manual Integrations
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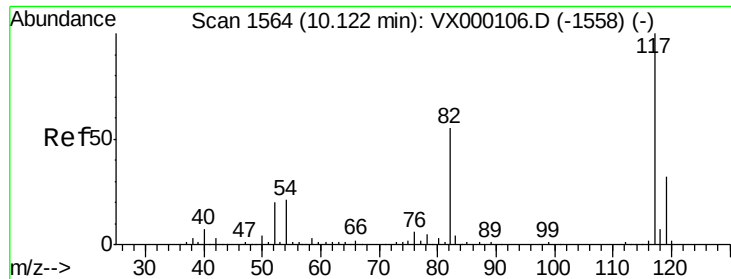
apatel
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#56
Bromoform
Concen: 9.29 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX000111.D
Acq: 20 Feb 2018 16:30

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.9	39.0	58.4
254	9.8	7.0	10.4





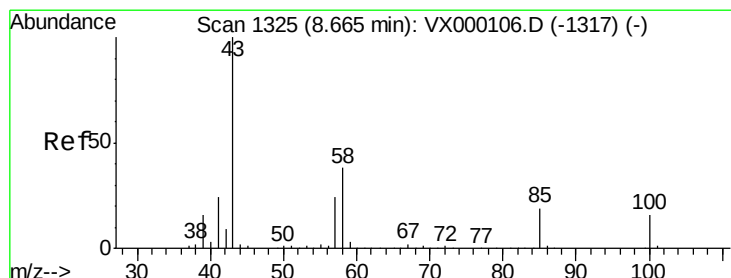
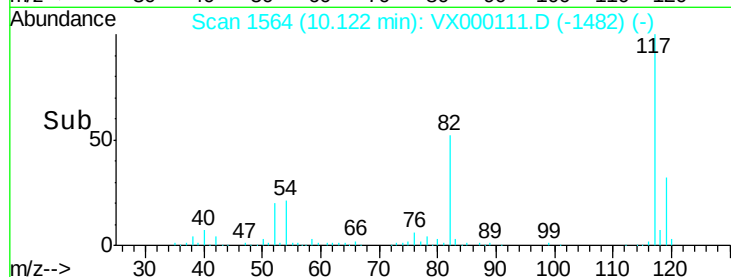
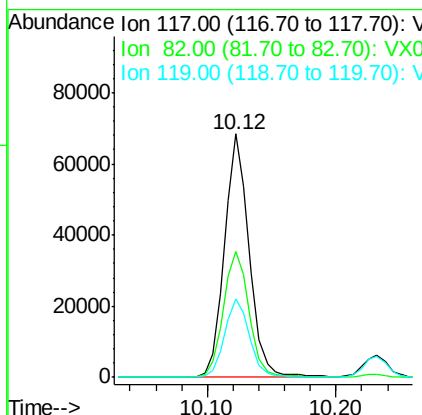
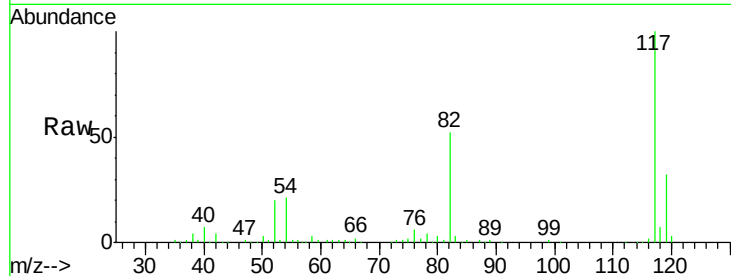
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000111.D
Acq: 20 Feb 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.0	64.4
119	32.4	25.8	38.8

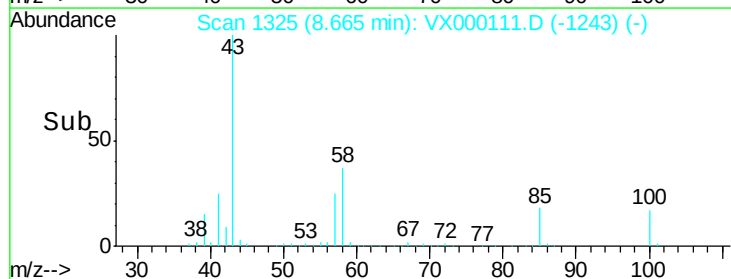
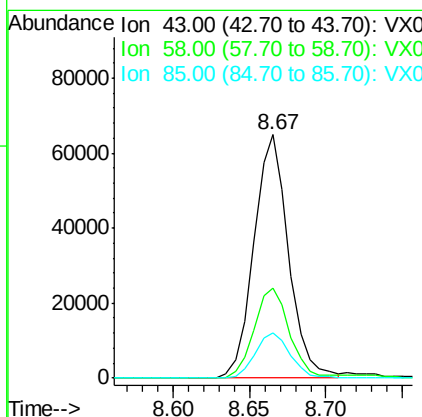
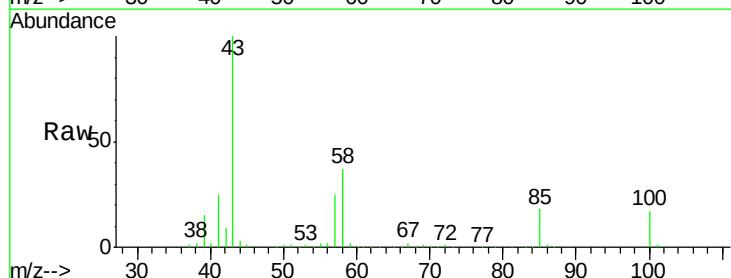
Manual Integrations
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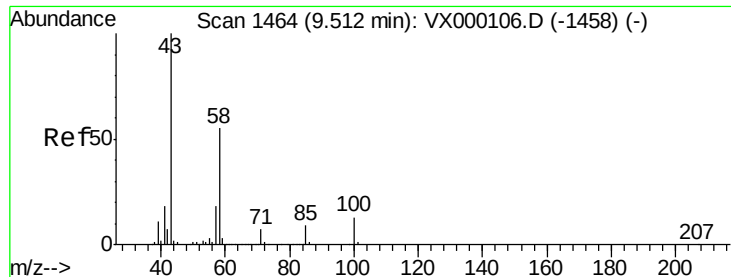
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#58
4-Methyl-2-Pentanone
Concen: 49.02 ug/l
RT: 8.67 min Scan# 1325
Delta R.T. 0.00 min
Lab File: VX000111.D
Acq: 20 Feb 2018 16:30

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.9	29.8	44.8
85	19.0	14.9	22.3





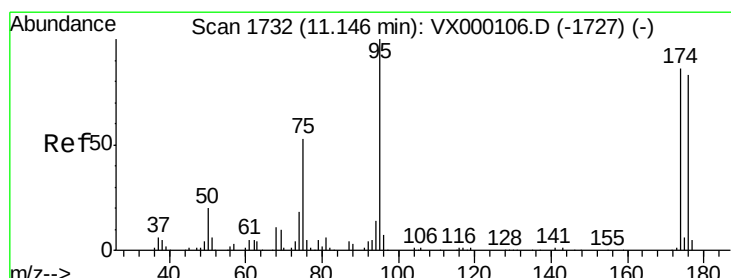
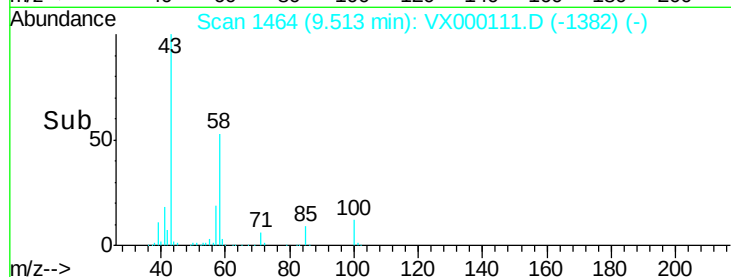
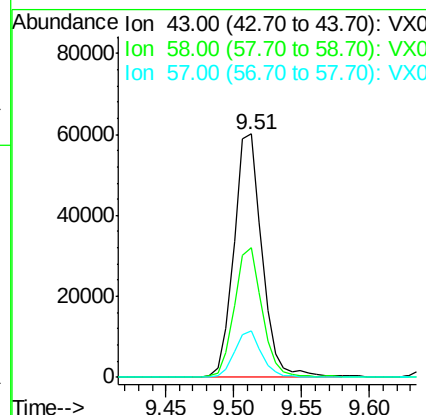
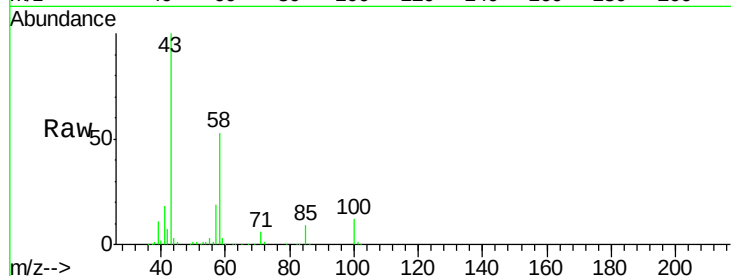
#59
2-Hexanone
Concen: 48.61 ug/l
RT: 9.51 min Scan# 1464
Delta R.T. 0.00 min
Lab File: VX000111.D
Acq: 20 Feb 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.7	43.0	64.6
57	18.5	14.4	21.6

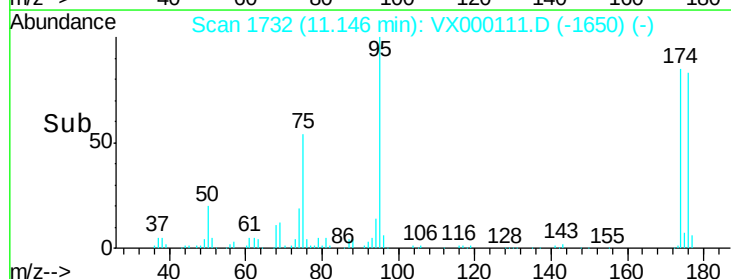
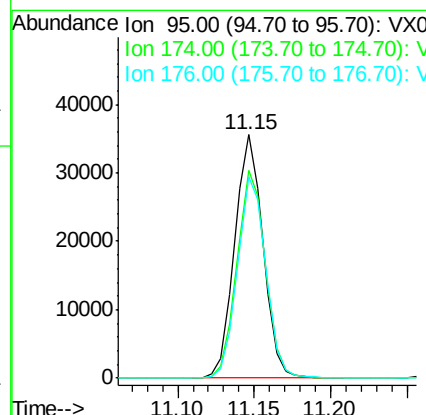
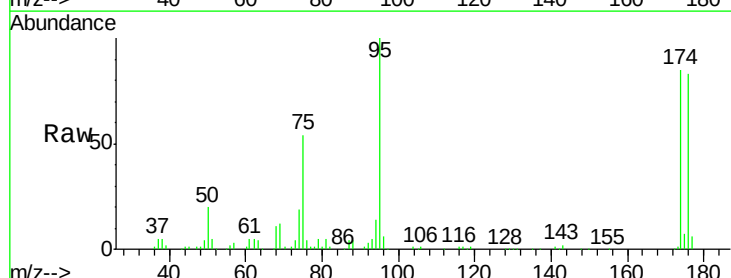
Manual Integrations
APPROVED

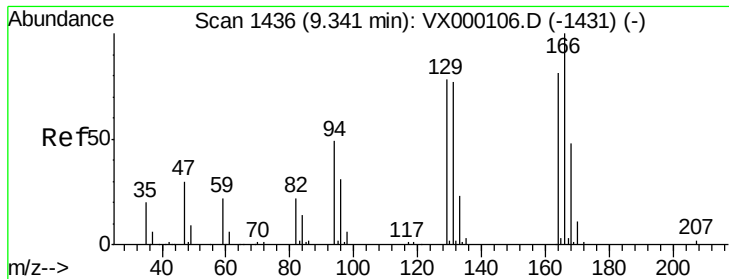
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#60
4-Bromofluorobenzene
Concen: 30.30 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000111.D
Acq: 20 Feb 2018 16:30

Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.6	71.1	106.7
176	82.7	69.3	103.9





#61

Tetrachloroethene

Concen: 9.90 ug/l

RT: 9.35 min Scan# 1437

Delta R.T. 0.01 min

Lab File: VX000111.D

Acq: 20 Feb 2018 16:30

Instrument :

MSVOA_X

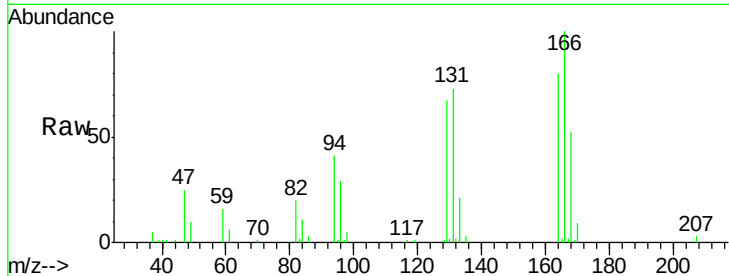
ClientSampleId :

VSTDIC010

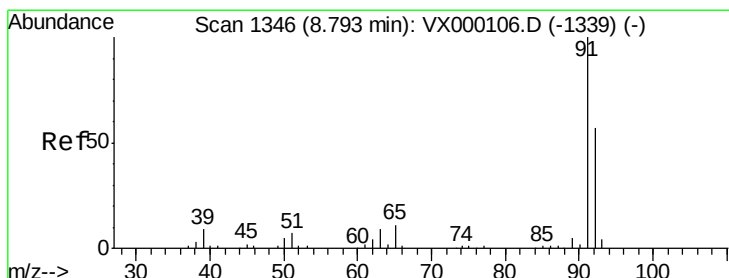
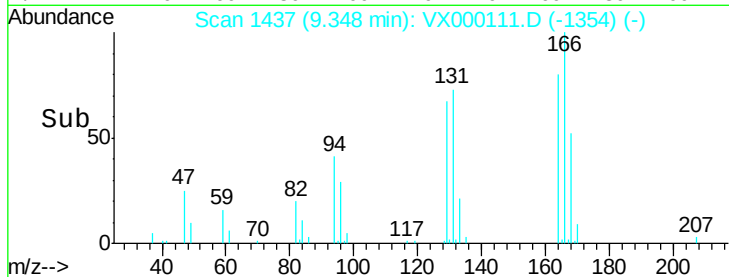
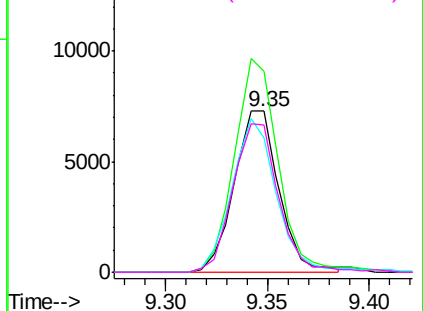
Tot Ion:	164	Resp:	11138
Ion	Ratio	Lower	Upper
164	100		
166	124.7	99.0	148.4
129	83.5	77.0	115.6
131	91.4	75.8	113.6

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Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 10.17 ug/l

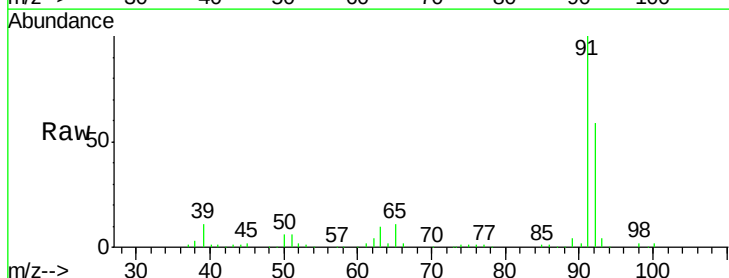
RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

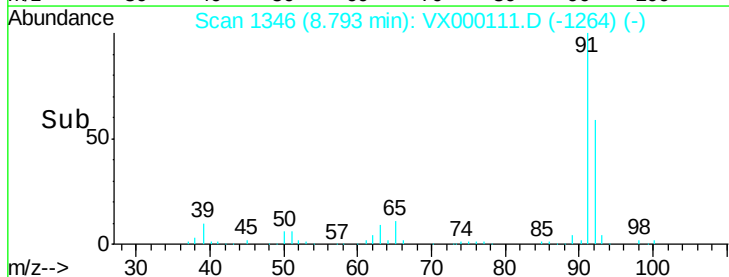
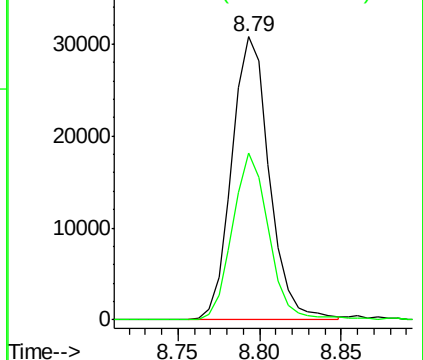
Lab File: VX000111.D

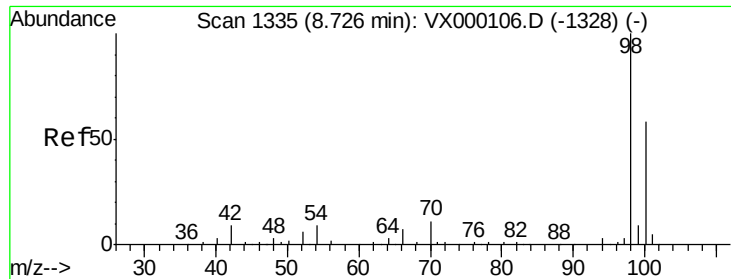
Acq: 20 Feb 2018 16:30

Tgt Ion:	91	Resp:	49435
Ion	Ratio	Lower	Upper
91	100		
92	57.4	45.4	68.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.24 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX000111.D

Acq: 20 Feb 2018 16:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

Tot Ion: 98 Resp: 119971

Ion Ratio Lower Upper

98 100

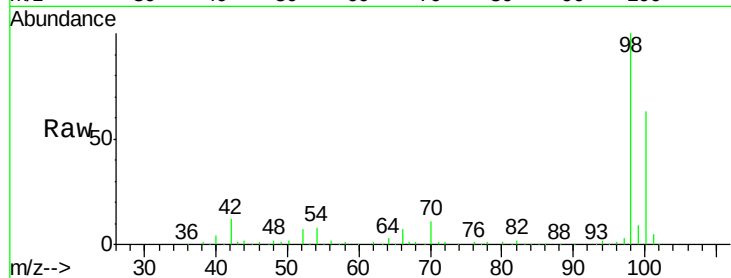
100 64.8 50.0 75.0

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Abundance Ion 98.00 (97.70 to 98.70): VX000106.D (-1328) (-)

Ion 100.00 (99.70 to 100.70): VX000111.D (-1253) (-)

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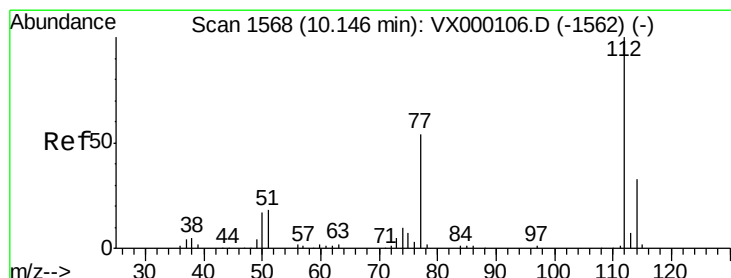
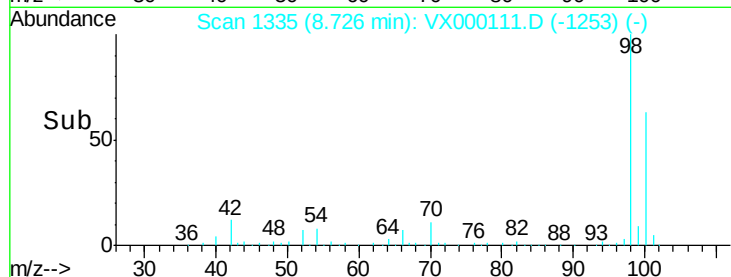
8.73

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8.73

8.73



#64

Chlorobenzene

Concen: 10.21 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX000111.D

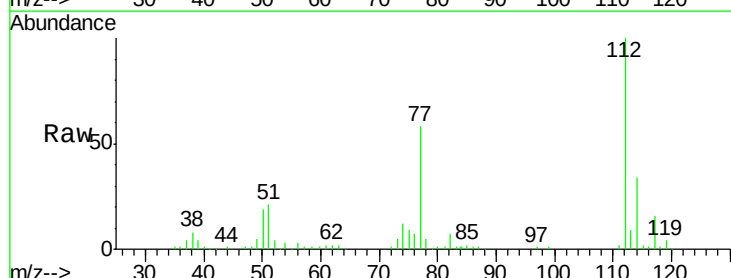
Acq: 20 Feb 2018 16:30

Tgt Ion: 112 Resp: 33092

Ion Ratio Lower Upper

112 100

114 33.7 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): VX000106.D (-1562) (-)

Ion 114.00 (113.70 to 114.70): VX000111.D (-1486) (-)

10.15

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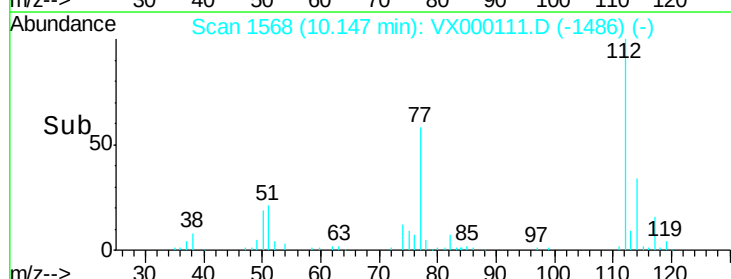
10.15

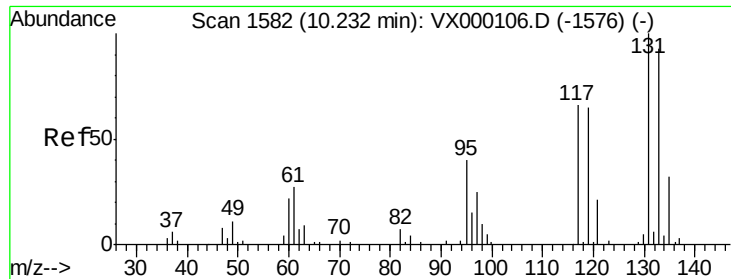
10.15

10.15

10.15

10.15





#65

1,1,1,2-Tetrachloroethane

Concen: 10.02 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. 0.00 min

Lab File: VX000111.D

Acq: 20 Feb 2018 16:30

Instrument :

MSVOA_X

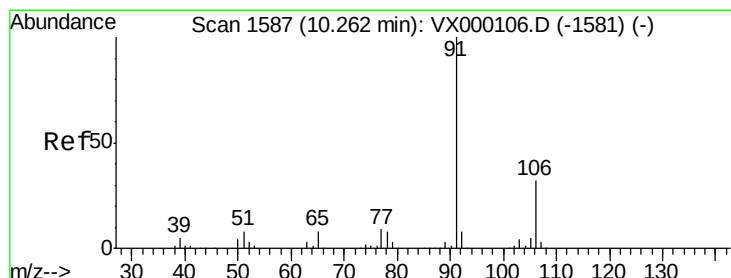
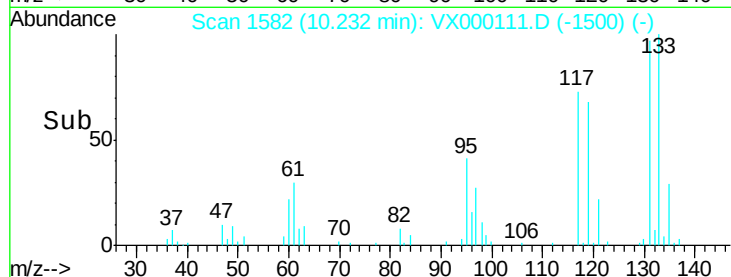
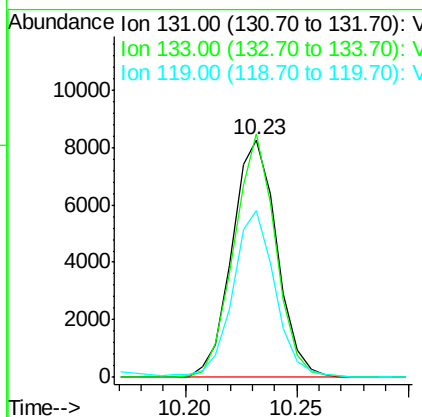
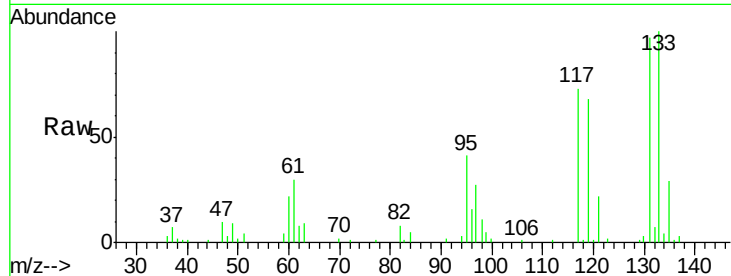
ClientSampled :

VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
131	100	11580		
133	95.3	0.0	187.6	
119	66.8	0.0	134.0	

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#66

Ethyl Benzene

Concen: 10.06 ug/l

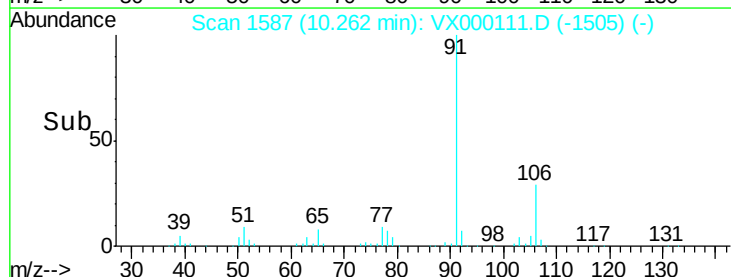
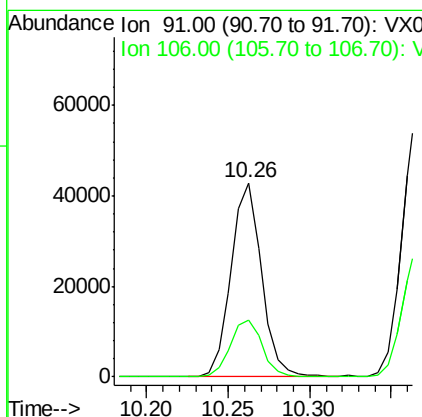
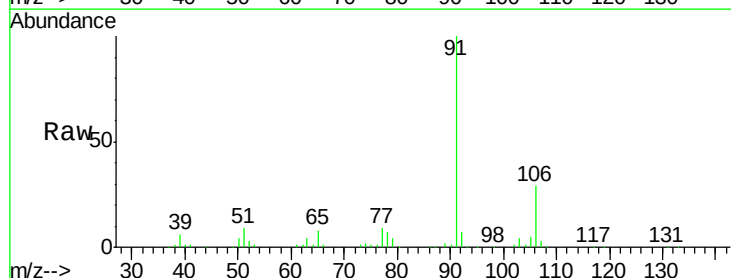
RT: 10.26 min Scan# 1587

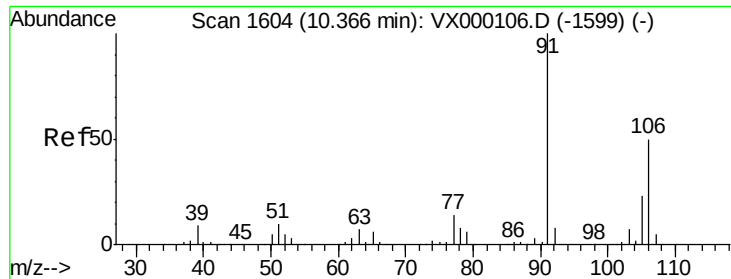
Delta R.T. 0.00 min

Lab File: VX000111.D

Acq: 20 Feb 2018 16:30

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	56161		
106	29.3	25.9	38.9	





#67

m/p-Xylenes

Concen: 20.08 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX000111.D

Acq: 20 Feb 2018 16:30

Instrument :

MSVOA_X

ClientSampled :

VSTDIC010

Tot Ion:106 Resp: 43001

Ion Ratio Lower Upper

106 100

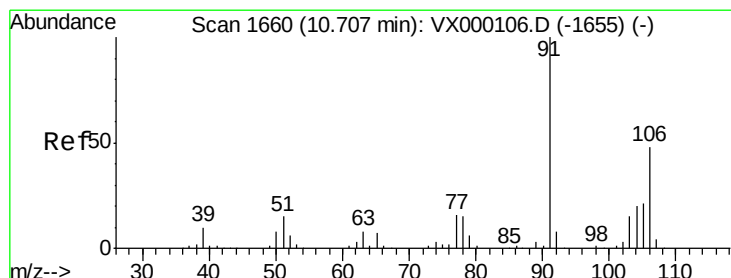
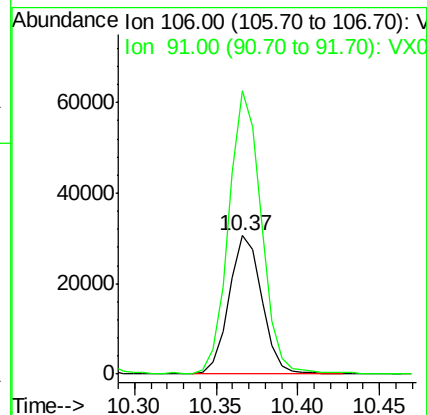
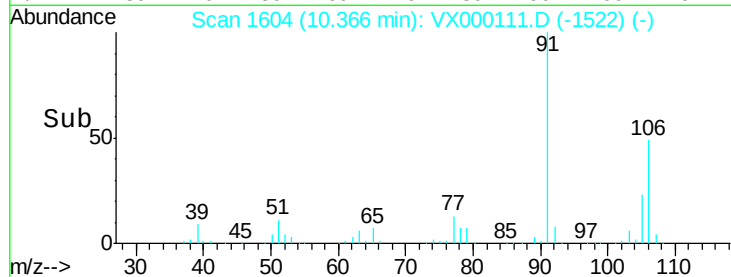
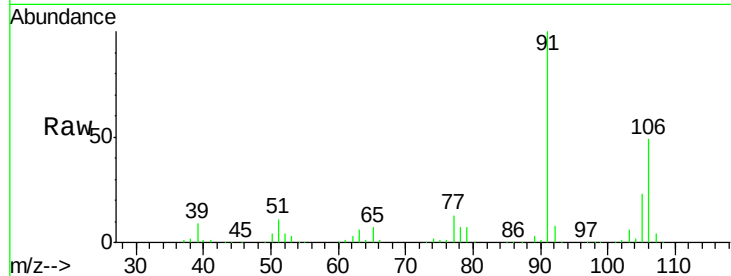
91 201.9 161.6 242.4

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#68

o-Xylene

Concen: 9.91 ug/l

RT: 10.71 min Scan# 1660

Delta R.T. 0.00 min

Lab File: VX000111.D

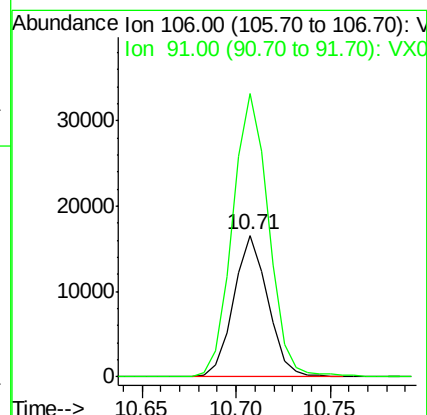
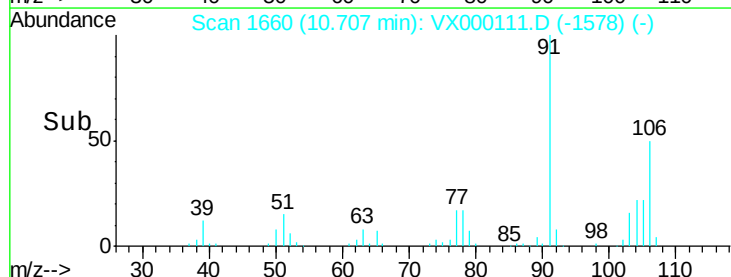
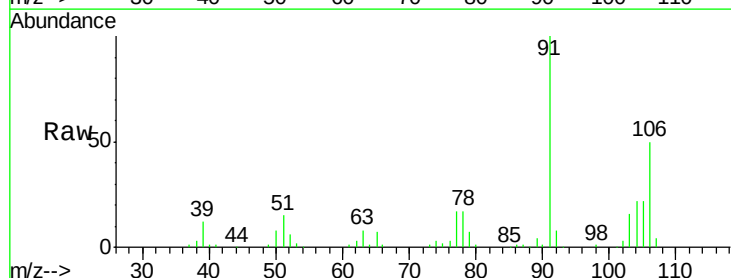
Acq: 20 Feb 2018 16:30

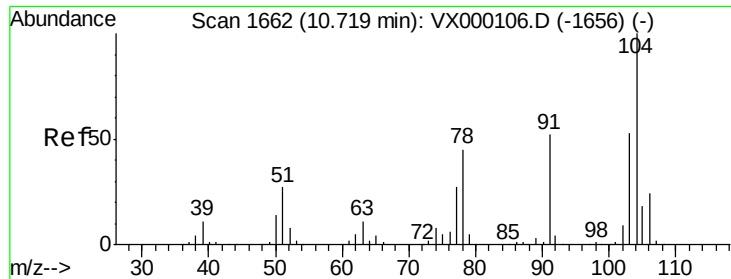
Tgt Ion:106 Resp: 20944

Ion Ratio Lower Upper

106 100

91 210.7 105.6 316.8





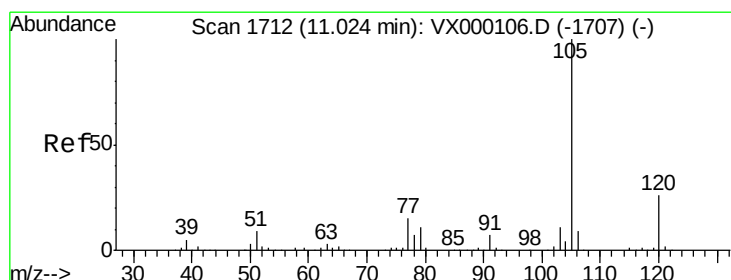
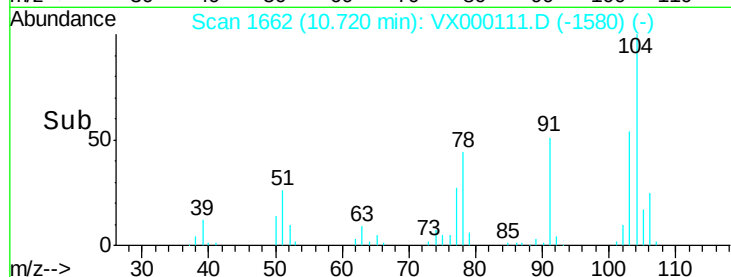
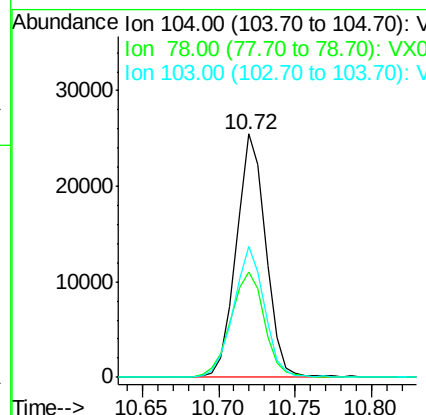
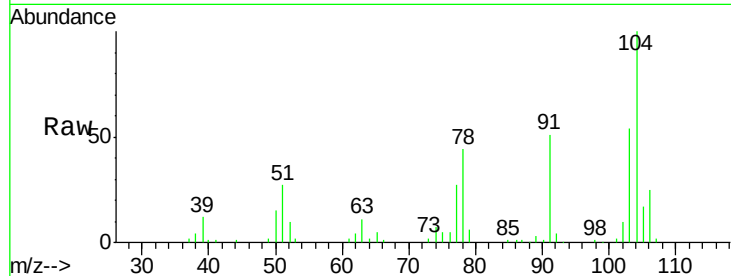
#69
Stvrene
Concen: 9.78 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000111.D
Acq: 20 Feb 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.3	39.0	58.4
103	56.3	44.7	67.1

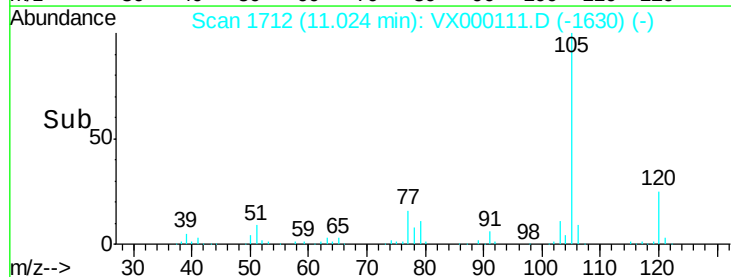
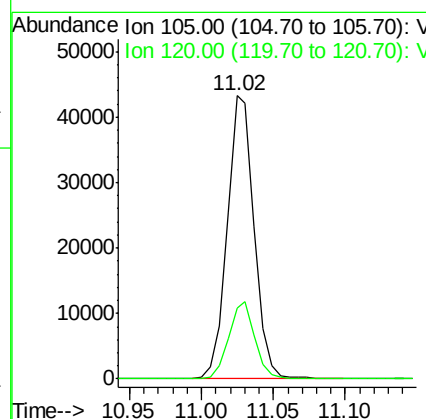
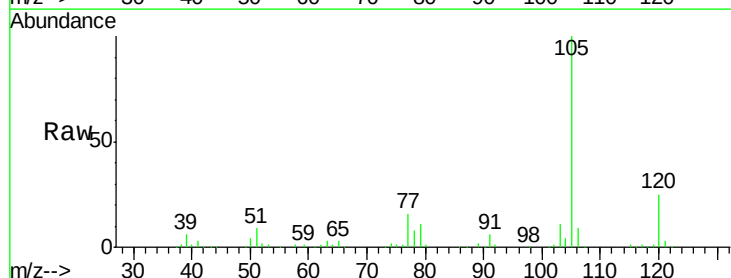
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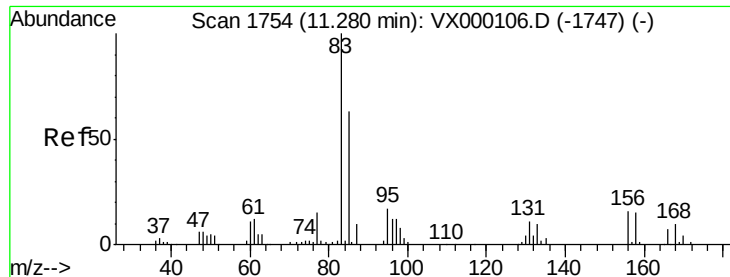
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#70
Isopropylbenzene
Concen: 9.93 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX000111.D
Acq: 20 Feb 2018 16:30

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.5	18.8	35.0





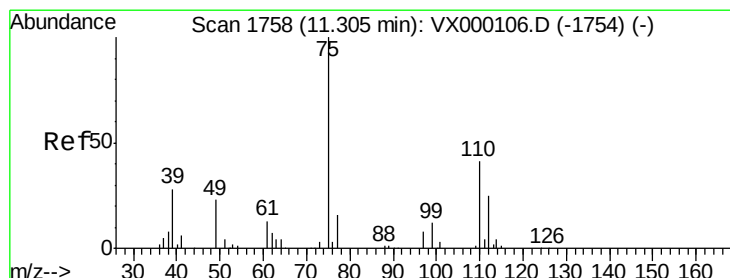
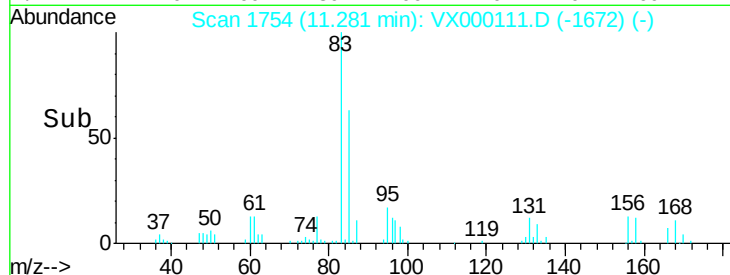
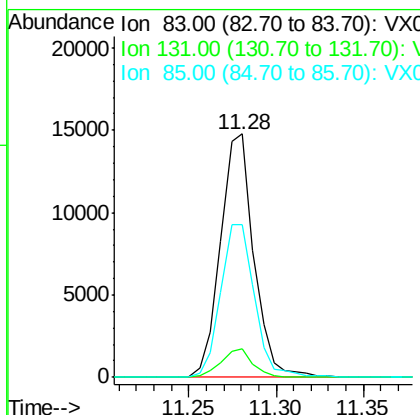
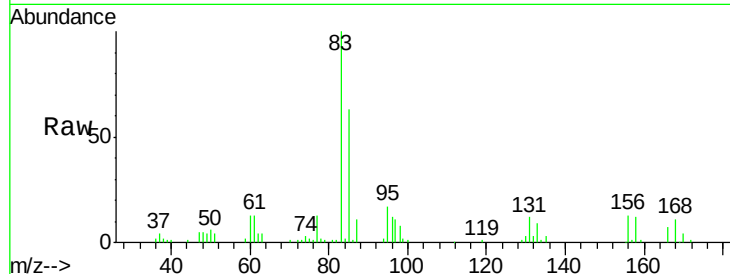
#71
 1,1,2,2-Tetrachloroethane
 Concen: 9.97 ug/l
 RT: 11.28 min Scan# 1754
 Delta R.T. 0.00 min
 Lab File: VX000111.D
 Acq: 20 Feb 2018 16:30

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC010

Tot Ion	83	Resp	19627
Ion Ratio	100	Lower	Upper
83	100		
131	11.0	5.3	16.1
85	64.3	32.5	97.5

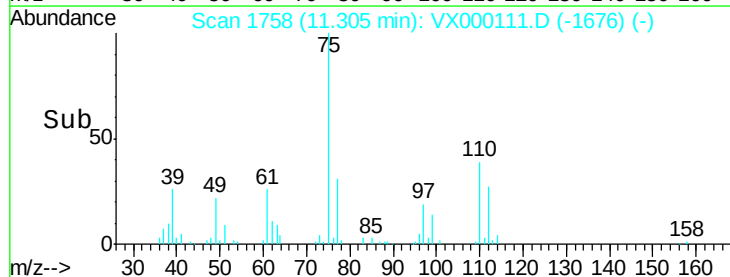
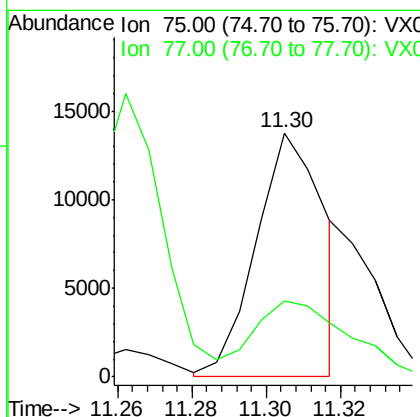
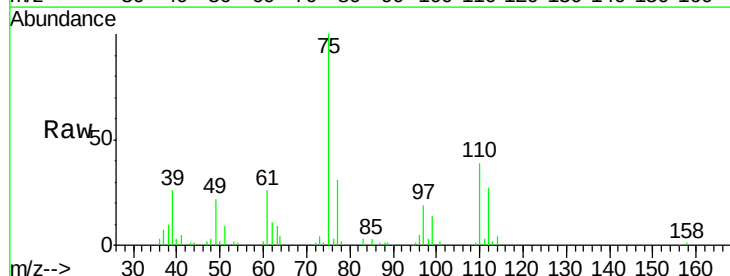
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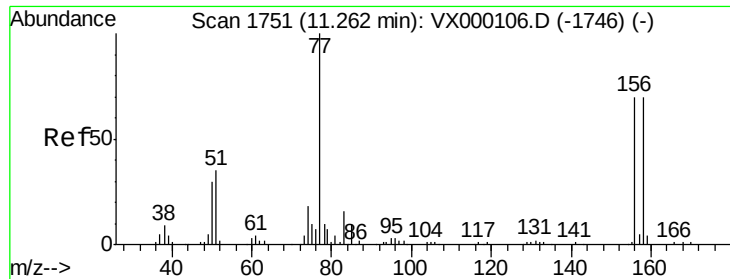
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#72
 1,2,3-Trichloropropane
 Concen: 9.68 ug/l m
 RT: 11.30 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VX000111.D
 Acq: 20 Feb 2018 16:30

Tgt Ion	75	Resp	17510
Ion Ratio	100	Lower	Upper
75	100		
77	43.9	0.0	85.8





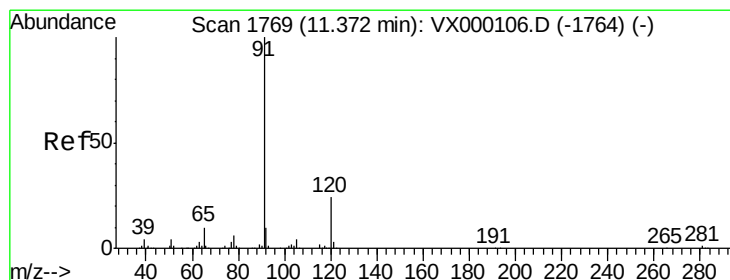
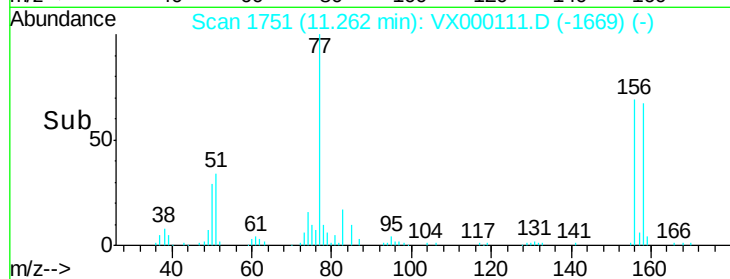
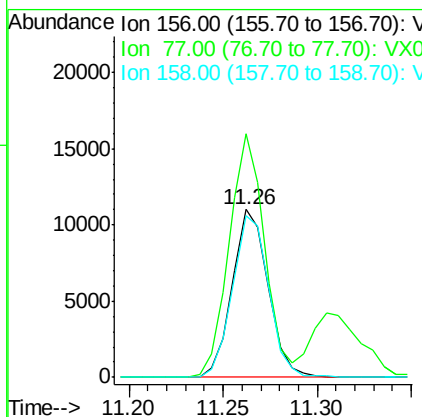
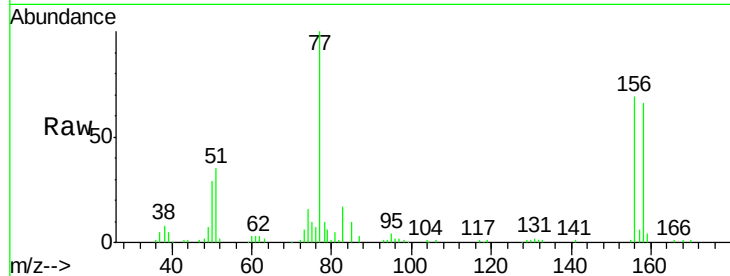
#73
Bromobenzene
Concen: 9.88 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VX000111.D
Acq: 20 Feb 2018 16:30

Instrument :
MSVOA_X
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
156	100		
77	142.9	0.0	280.2
158	96.9	0.0	197.2

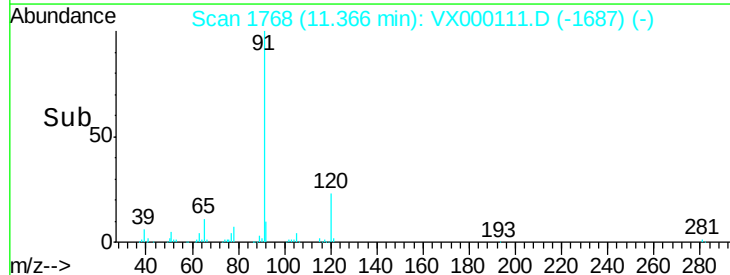
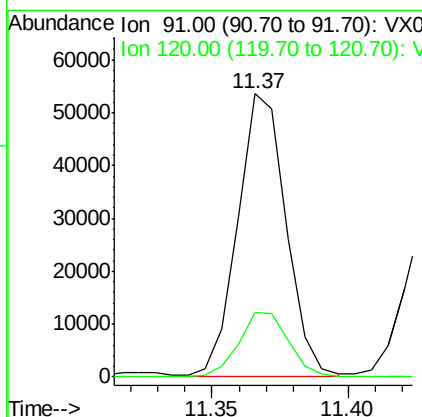
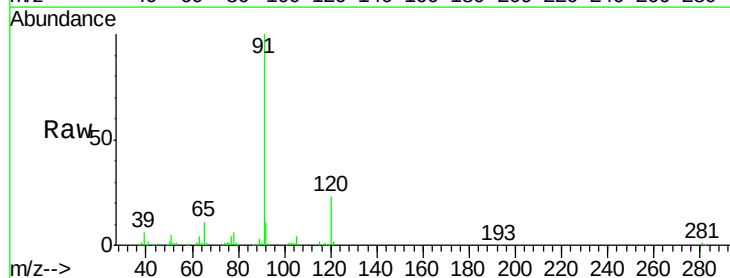
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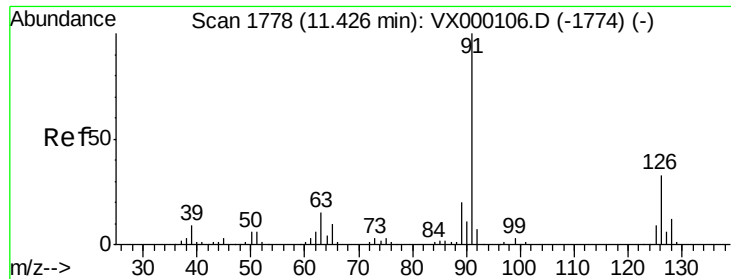
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#74
n-propylbenzene
Concen: 9.89 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.01 min
Lab File: VX000111.D
Acq: 20 Feb 2018 16:30

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	0.0	47.4





#75

2-Chlorotoluene

Concen: 9.80 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000111.D

Acq: 20 Feb 2018 16:30

Instrument :

MSVOA_X

ClientSampled :

VSTDIC010

Tot Ion: 91 Resp: 38263

Ion Ratio Lower Upper

91 100

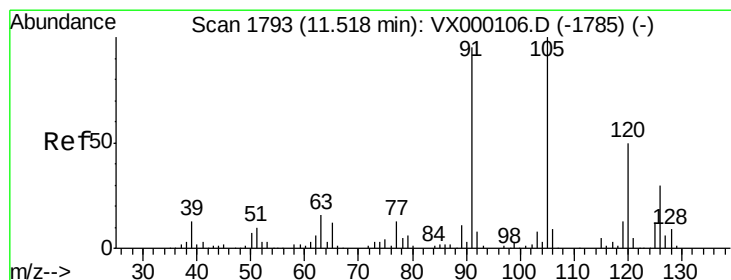
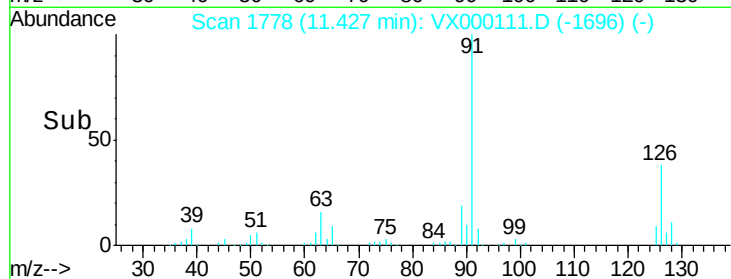
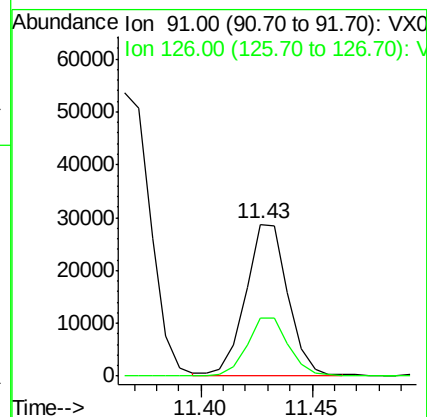
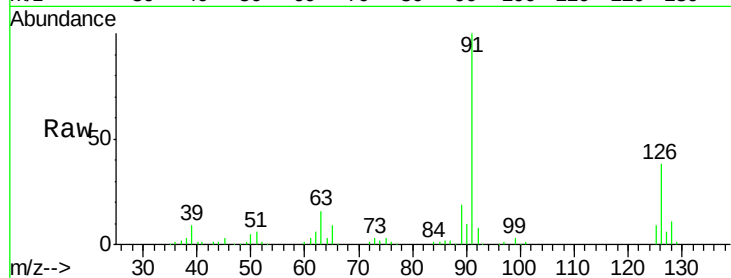
126 37.6 0.0 71.4

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#76

1,3,5-Trimethylbenzene

Concen: 9.89 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX000111.D

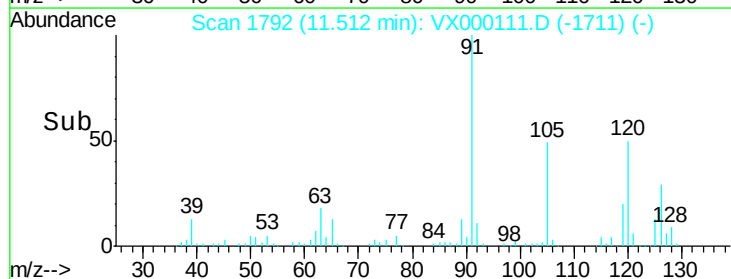
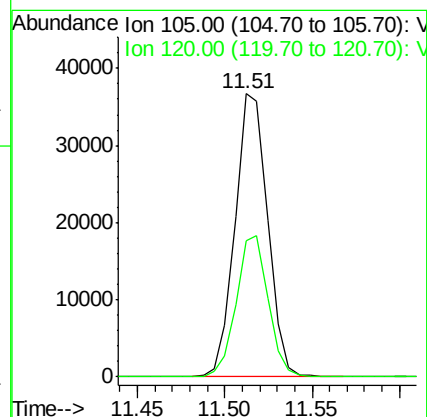
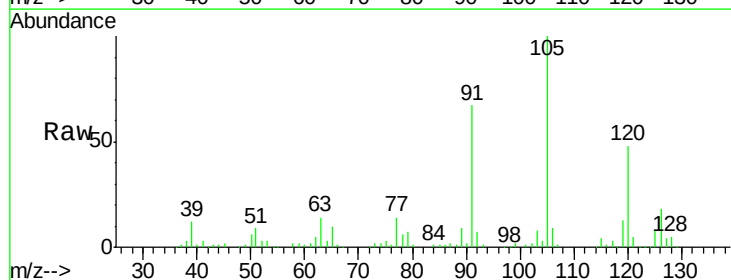
Acq: 20 Feb 2018 16:30

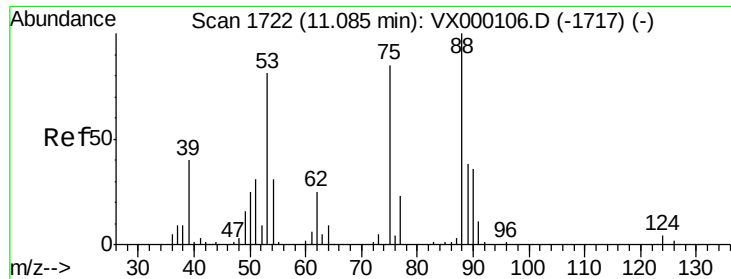
Tgt Ion: 105 Resp: 47676

Ion Ratio Lower Upper

105 100

120 48.8 0.0 63.8





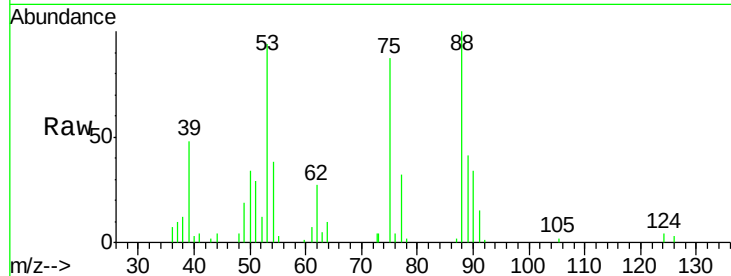
#77
t-1,4-Dichloro-2-butene
Concen: 8.89 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VX000111.D
Acq: 20 Feb 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

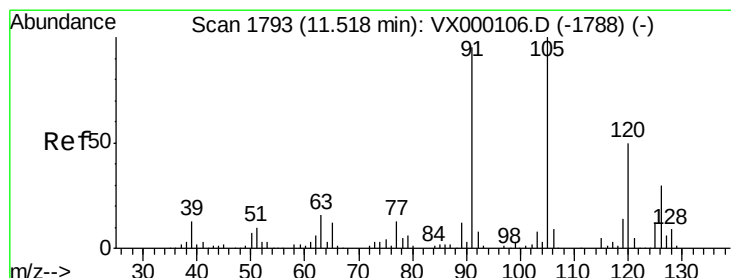
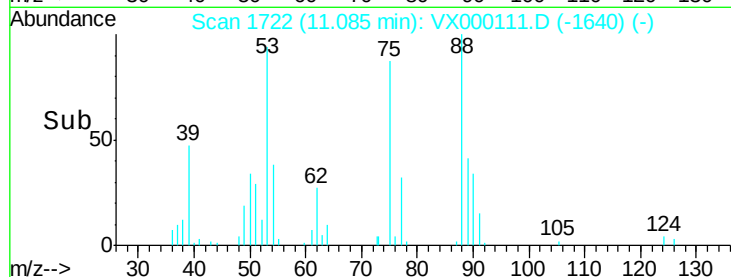
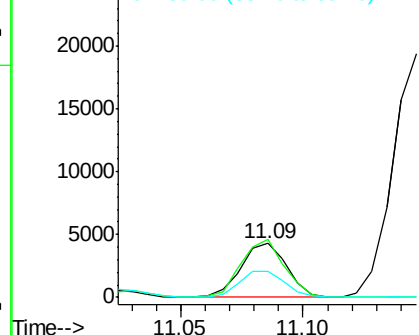
Tot Ion	Ratio	Lower	Upper
75	100		
53	107.7	47.8	143.3
89	47.6	22.3	66.8

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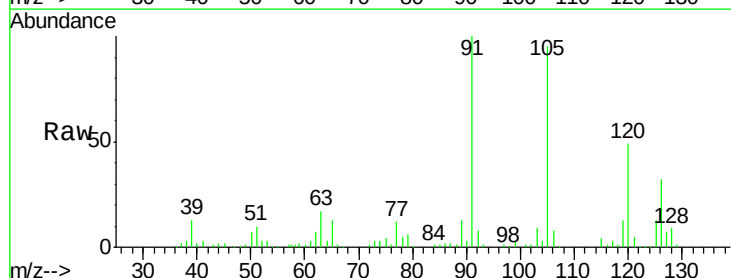


Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 89.00 (88.70 to 89.70): VX0

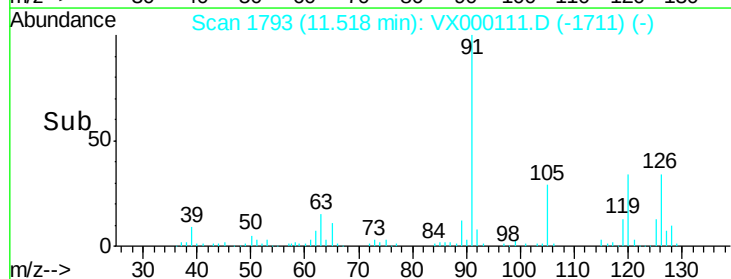
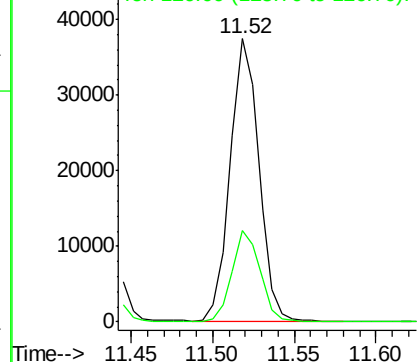


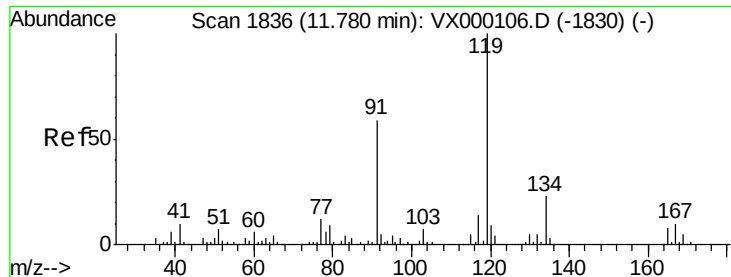
#78
4-Chlorotoluene
Concen: 10.03 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000111.D
Acq: 20 Feb 2018 16:30

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	0.0	63.4



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 126.00 (125.70 to 126.70): V





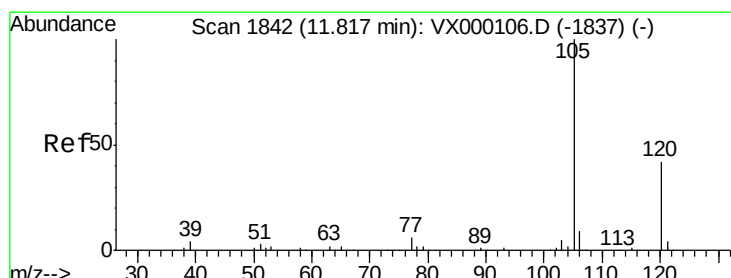
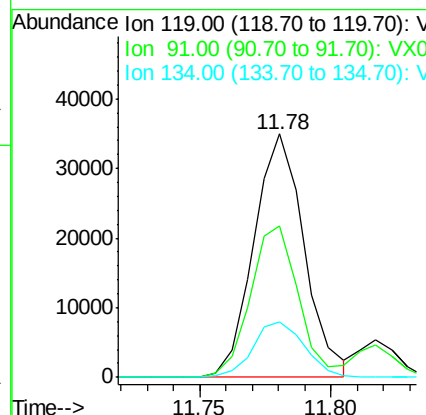
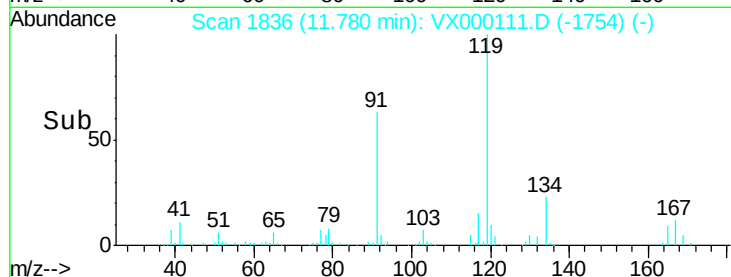
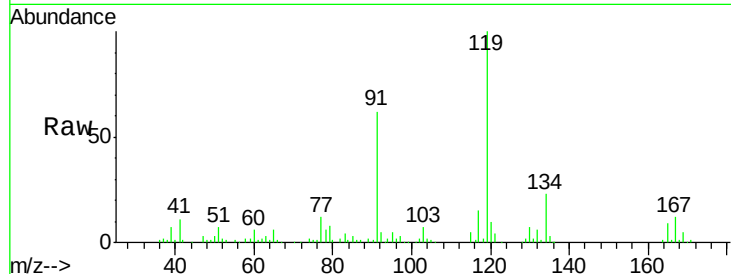
#79
tert-butylbenzene
Concen: 9.63 ug/l m
RT: 11.78 min Scan# 1836
Delta R.T. 0.00 min
Lab File: VX000111.D
Acq: 20 Feb 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
119	100	46670		
91	26.4	0.0	51.6	
134	30.9	0.0	60.2	

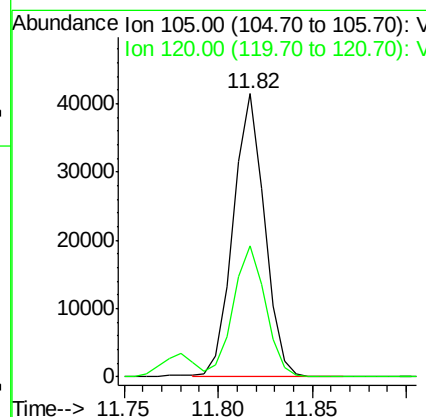
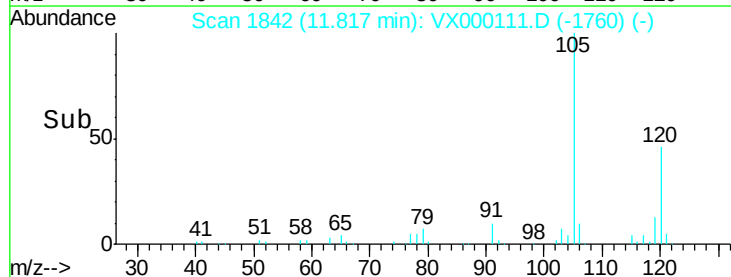
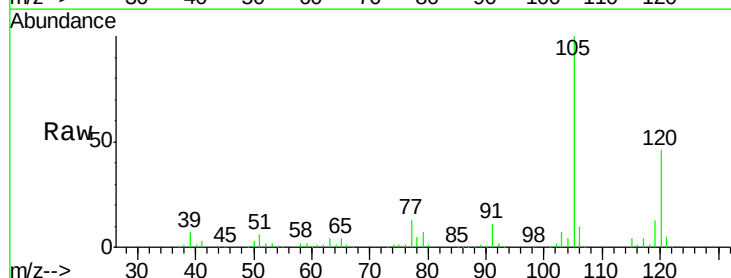
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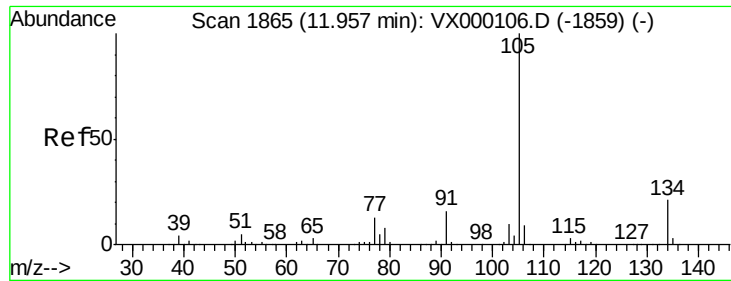
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#80
1,2,4-Trimethylbenzene
Concen: 9.59 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX000111.D
Acq: 20 Feb 2018 16:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	47897		
120	47.0	0.0	93.0	





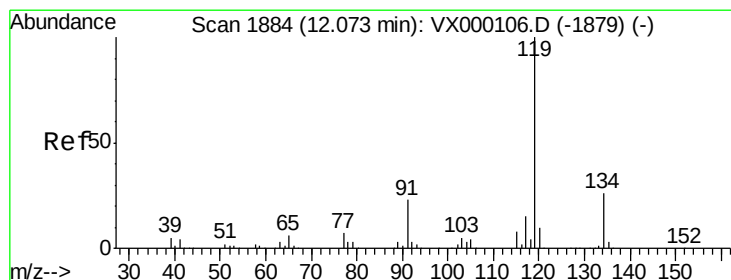
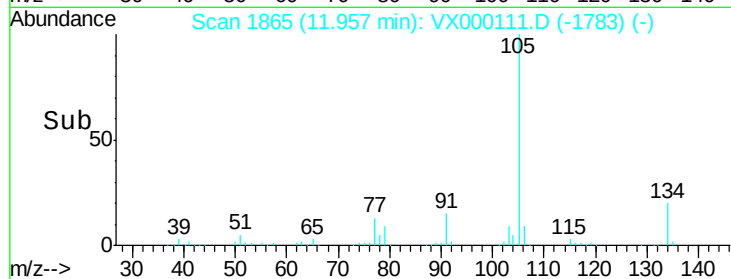
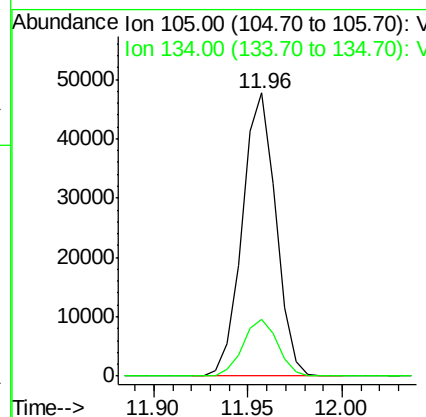
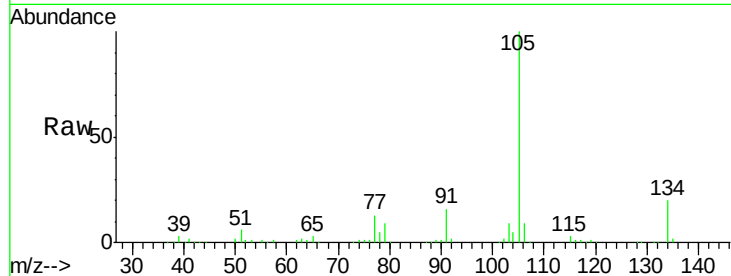
#81
 sec-Butylbenzene
 Concen: 9.84 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VX000111.D
 Acq: 20 Feb 2018 16:30

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.8	0.0	41.8

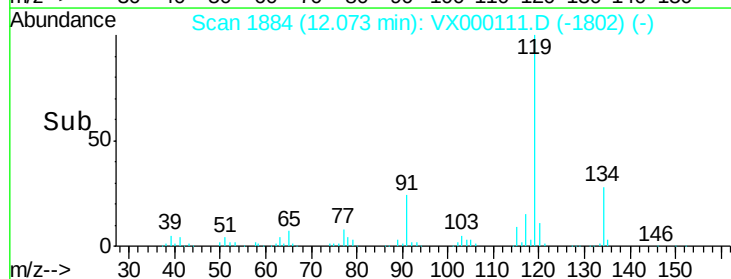
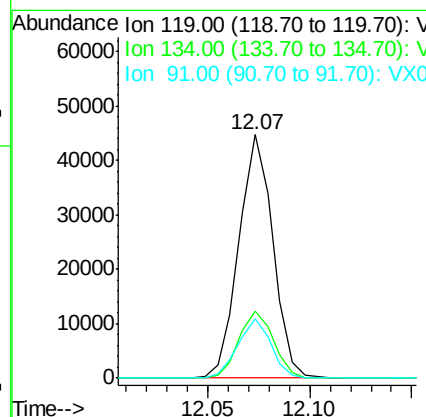
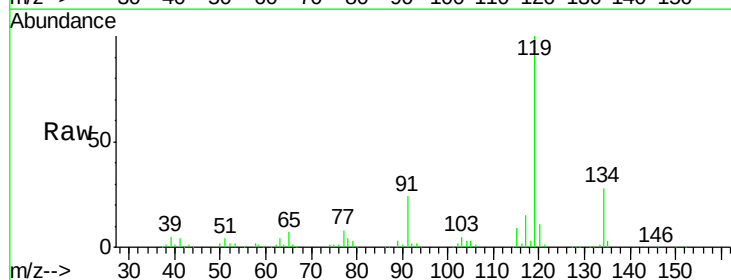
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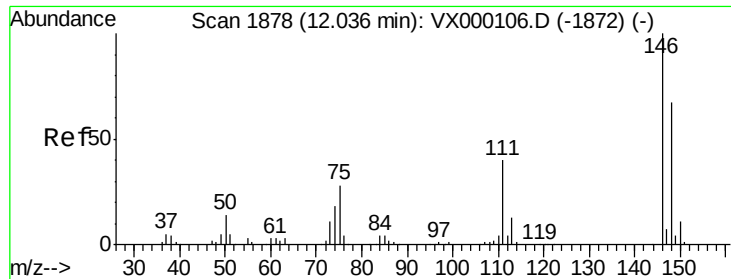
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#82
 p-Isopropyltoluene
 Concen: 9.63 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000111.D
 Acq: 20 Feb 2018 16:30

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.9	0.0	54.4
91	23.9	0.0	46.6





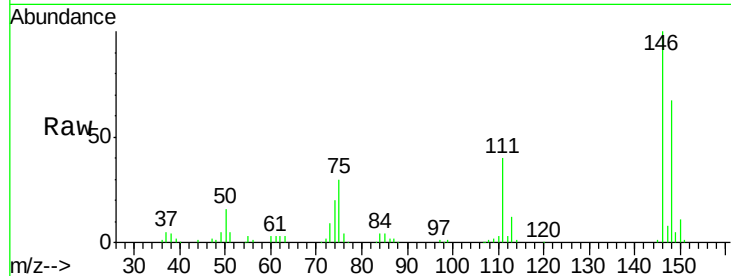
#83
 1,3-Dichlorobenzene
 Concen: 9.74 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000111.D
 Acq: 20 Feb 2018 16:30

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC010

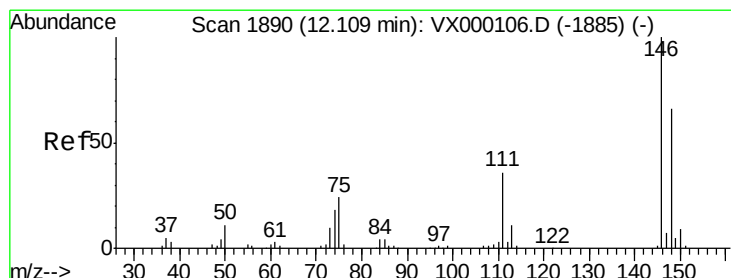
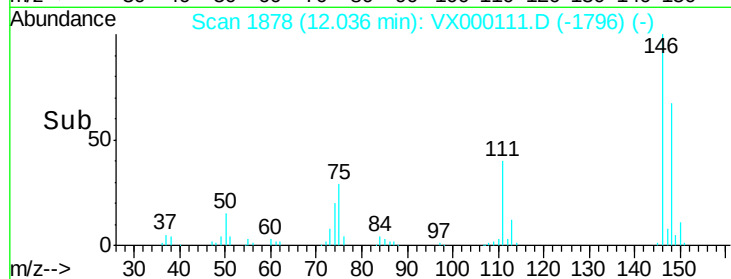
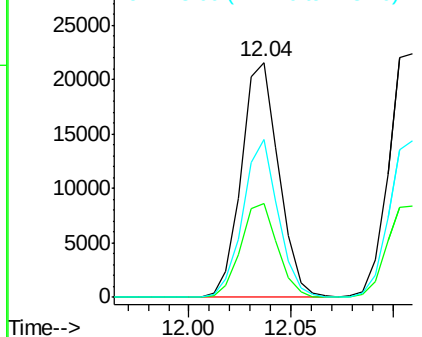
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.4	58.2
148	63.0	32.6	97.7

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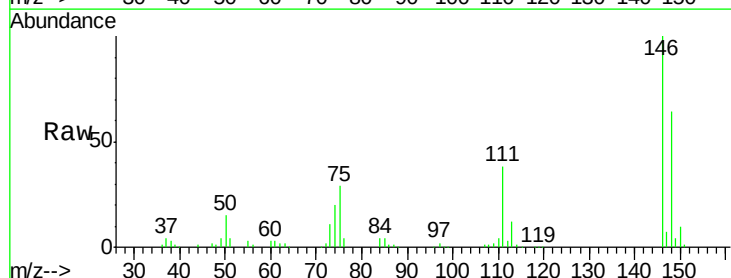


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

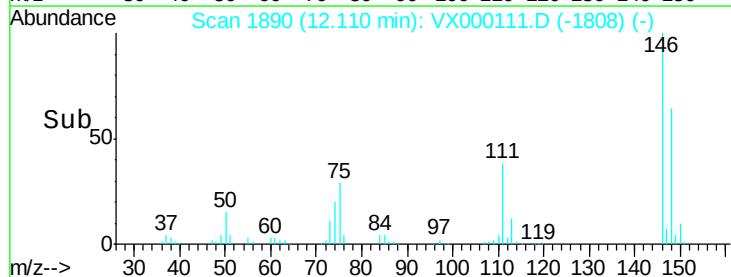
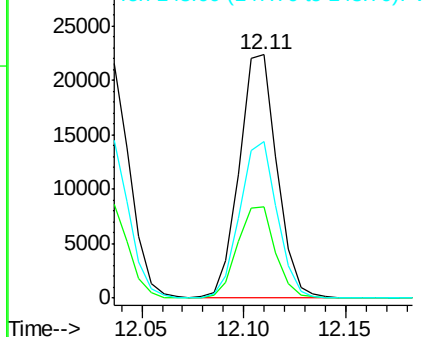


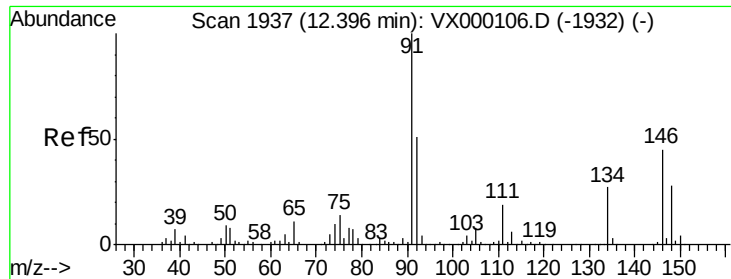
#84
 1,4-Dichlorobenzene
 Concen: 9.88 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VX000111.D
 Acq: 20 Feb 2018 16:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.4	55.0
148	63.7	31.9	95.7



Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V





#85

n-Butylbenzene

Concen: 9.78 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000111.D

Acq: 20 Feb 2018 16:30

Instrument :

MSVOA_X

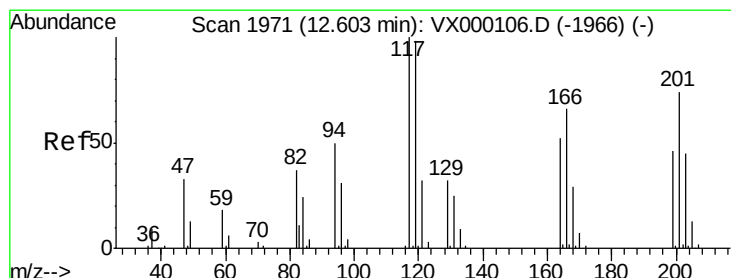
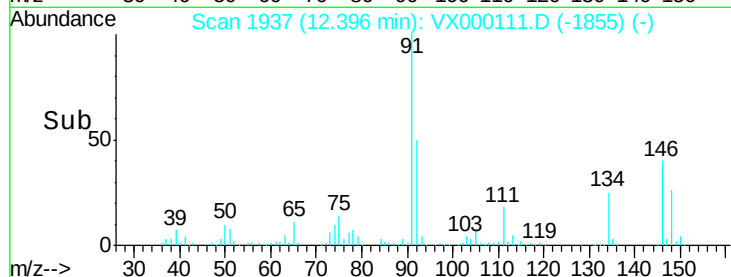
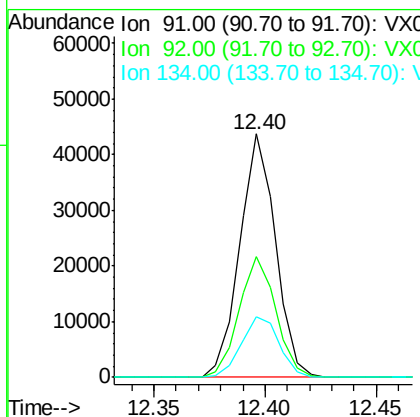
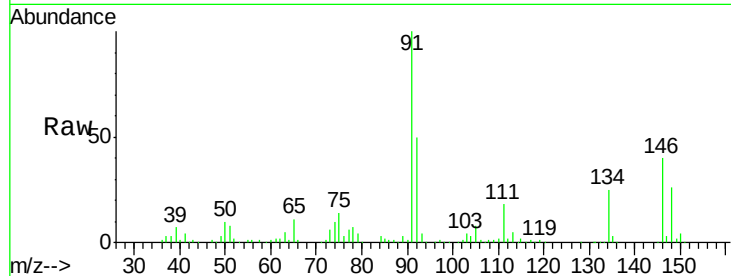
ClientSampleId :

VSTDIC010

Tot Ion:	91	Resp:	49030
Ion Ratio	Lower	Upper	
91	100		
92	50.9	0.0	102.0
134	26.4	0.0	54.2

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#86

Hexachloroethane

Concen: 9.61 ug/l

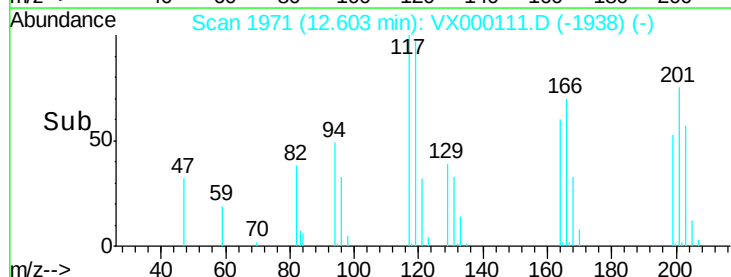
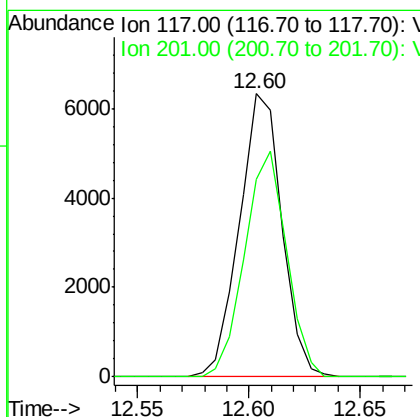
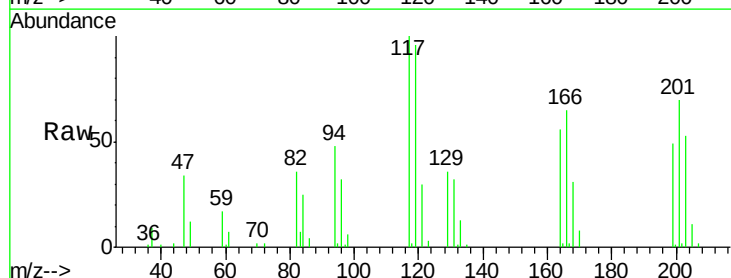
RT: 12.60 min Scan# 1971

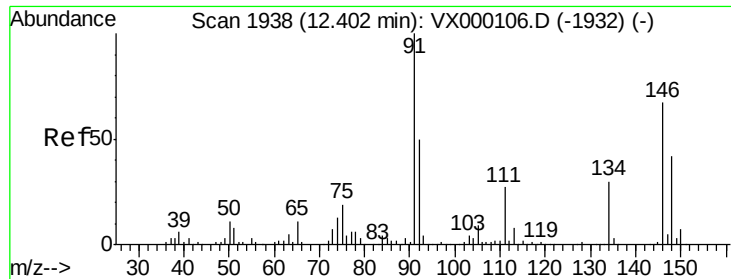
Delta R.T. 0.00 min

Lab File: VX000111.D

Acq: 20 Feb 2018 16:30

Tgt Ion:	117	Resp:	8435
Ion Ratio	Lower	Upper	
117	100		
201	78.4	38.9	116.6





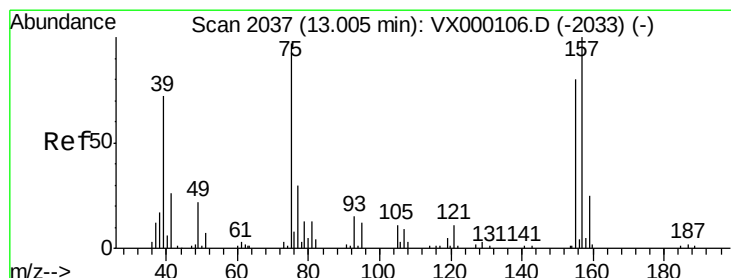
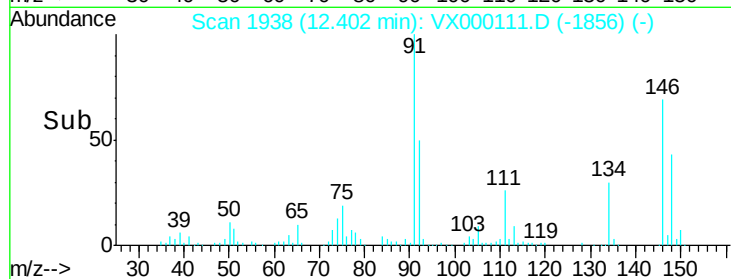
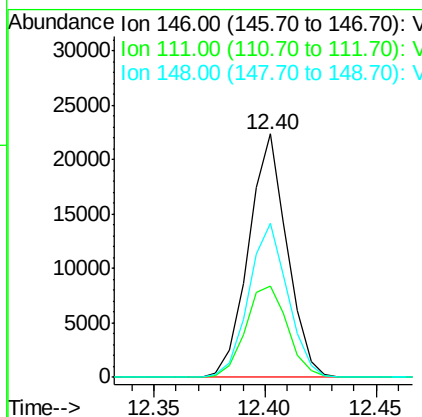
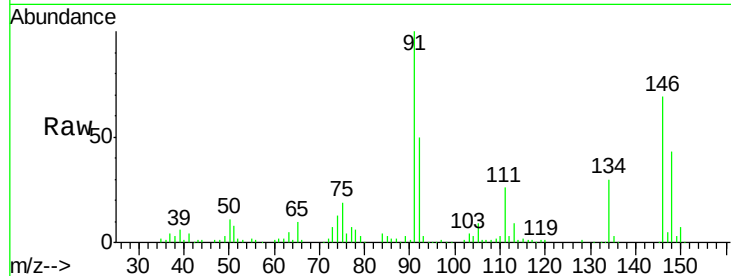
#87
 1,2-Dichlorobenzene
 Concen: 9.44 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000111.D
 Acq: 20 Feb 2018 16:30

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.0	60.0
148	64.2	31.6	95.0

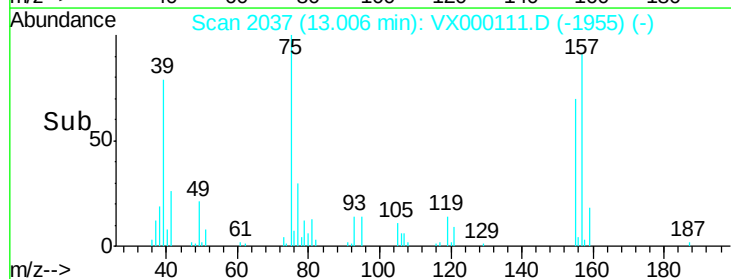
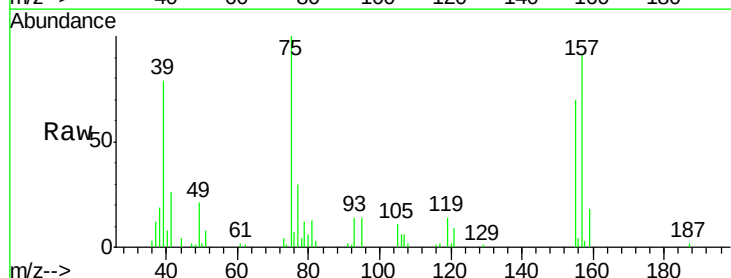
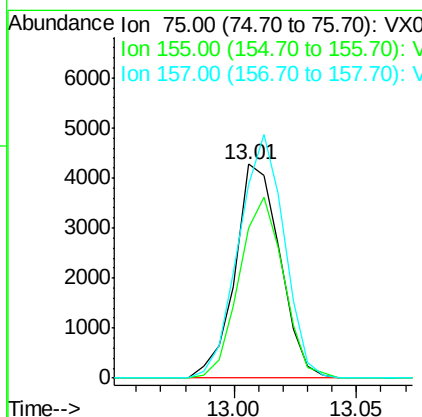
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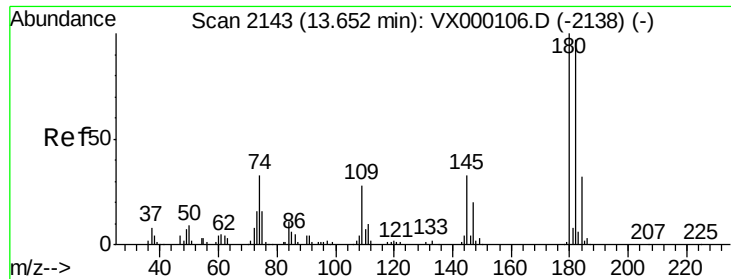
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 10.01 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX000111.D
 Acq: 20 Feb 2018 16:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.4	75.1	112.7
157	115.1	99.0	148.4





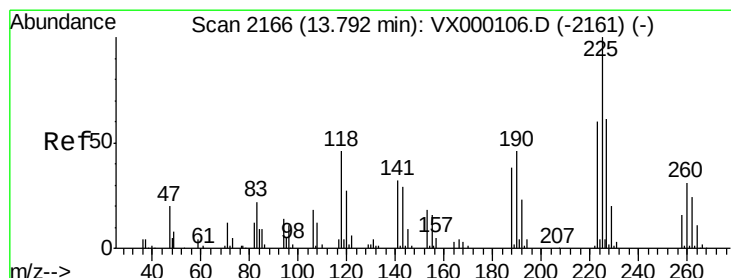
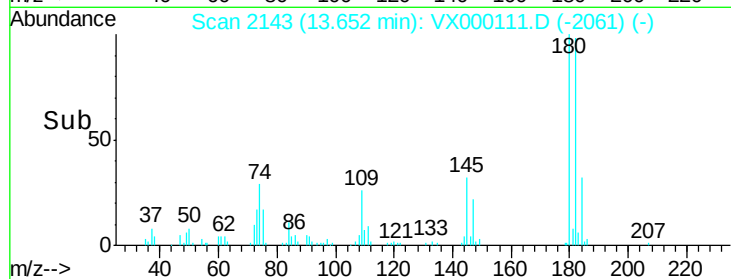
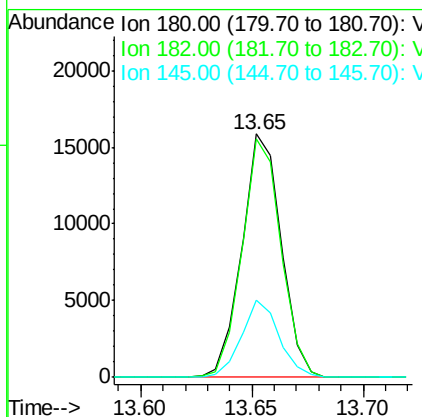
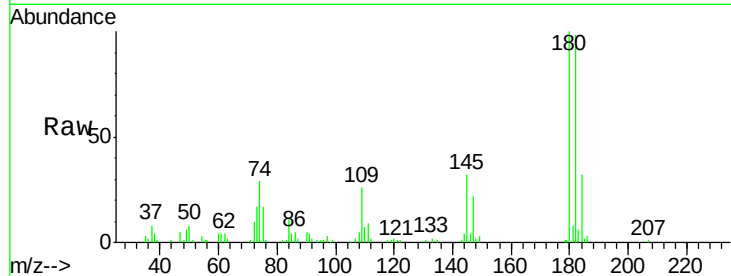
#89
 1,2,4-Trichlorobenzene
 Concen: 9.60 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000111.D
 Acq: 20 Feb 2018 16:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

Tot Ion:	180	Resp:	19561
Ion Ratio	Lower	Upper	
180	100		
182	96.8	76.3	114.5
145	30.3	24.6	37.0

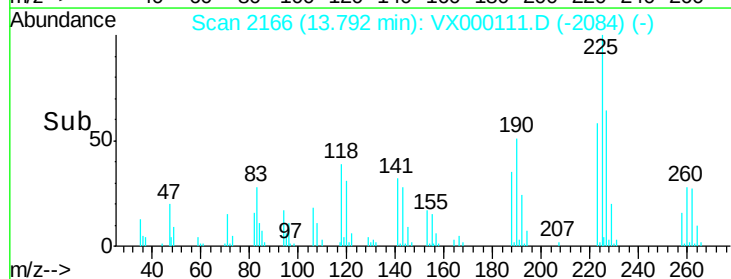
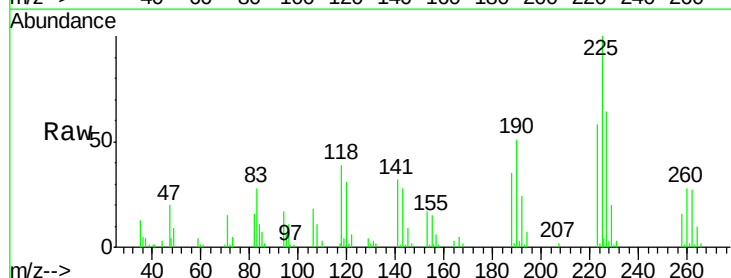
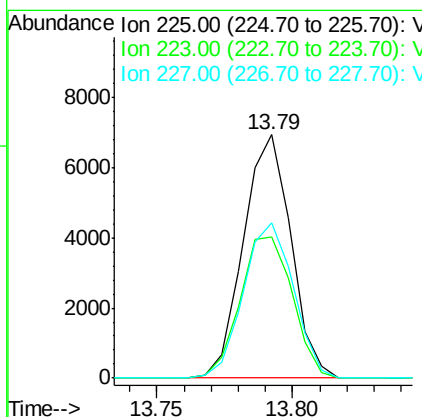
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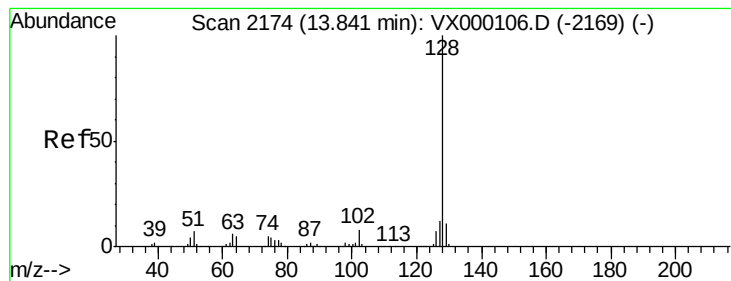
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#90
 Hexachlorobutadiene
 Concen: 9.91 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000111.D
 Acq: 20 Feb 2018 16:30

Tgt Ion:	225	Resp:	8411
Ion Ratio	Lower	Upper	
225	100		
223	64.2	0.0	131.2
227	66.9	0.0	127.6





#91

Naphthalene

Concen: 9.61 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000111.D

Acq: 20 Feb 2018 16:30

Instrument :

MSVOA_X

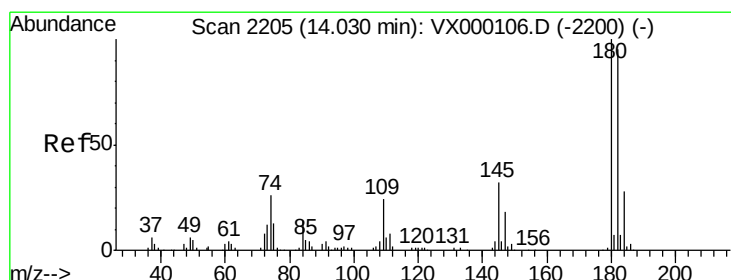
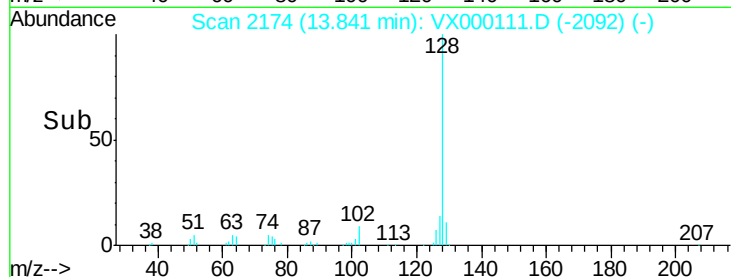
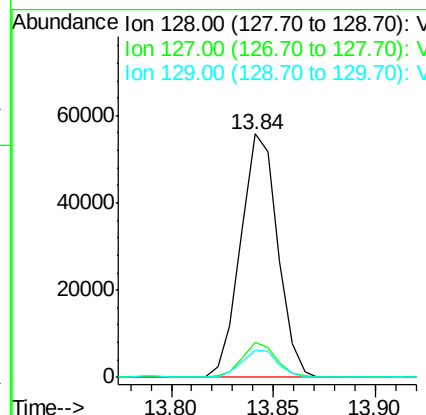
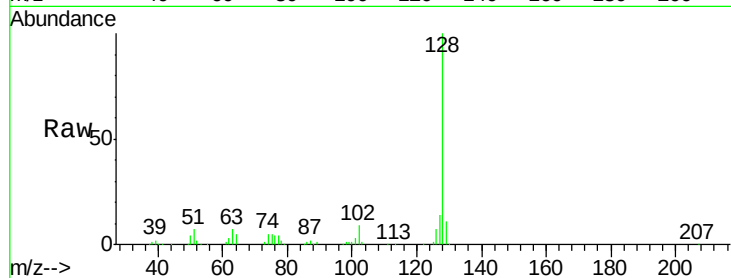
ClientSampleId :

VSTDIC010

Tot Ion:	128	Resp:	70233
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.5	15.7
129	11.1	9.0	13.6

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#92

1,2,3-Trichlorobenzene

Concen: 9.54 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VX000111.D

Acq: 20 Feb 2018 16:30

Tgt Ion:	180	Resp:	19789
Ion Ratio	Lower	Upper	
180	100		
182	95.7	0.0	188.6
145	32.8	0.0	65.8

