

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX022018\
 Data File : VX000106.D
 Acq On : 20 Feb 2018 13:52
 Operator : JC/MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Manual Integrations
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 2/22/2018 4:04:24 PM

Quant Time: Feb 21 06:05:27 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	15841	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	95528	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	90201	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.09	65	36464	30.00	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.00%
60) 4-Bromofluorobenzene	11.15	95	44039	30.00	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.00%
63) Toluene-d8	8.73	98	116103	30.00	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.00%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	19213	20.00	ug/l	100
3) Chloromethane	1.32	50	19936	20.00	ug/l	100
4) Vinyl Chloride	1.40	62	23406	20.00	ug/l	100
5) Bromomethane	1.65	94	21097	20.00	ug/l	100
6) Chloroethane	1.73	64	14733	20.00	ug/l	100
7) Trichlorofluoromethane	1.93	101	39994	20.00	ug/l	100
8) Diethyl Ether	2.20	74	14628	20.00	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	22118	20.00	ug/l	100
10) 1,1-Dichloroethene	2.38	96	21230	20.00	ug/l	100
11) Methyl Iodide	2.51	142	17057	20.00	ug/l	100
12) Methyl Acetate	2.79	43	37837	20.00	ug/l	100
13) Acrolein	2.30	56	21596	100.00	ug/l	100
14) Acrylonitrile	3.16	53	82170	100.00	ug/l	100
15) Acetone	2.45	58	28011	100.00	ug/l	100
16) Carbon Disulfide	2.57	76	59728	20.00	ug/l	100
17) Allyl chloride	2.73	41	35667	20.00	ug/l	100
18) Methylene Chloride	2.86	84	22631	20.00	ug/l	100
19) trans-1,2-Dichloroethene	3.17	96	22799	20.00	ug/l	100
20) Diisopropyl ether	3.89	45	54482	20.00	ug/l	100
21) 1,1-Dichloroethane	3.70	63	38759	20.00	ug/l	100
22) cis-1,2-Dichloroethene	4.61	96	21196	20.00	ug/l	100
23) tert-Butyl Alcohol	3.08	59	48027	100.48	ug/l #	100
24) Methyl tert-Butyl Ether	3.21	73	72558	20.00	ug/l	100
25) Chloroform	5.23	83	36700	20.00	ug/l	100
26) Cyclohexane	5.59	56	28907	20.00	ug/l #	100
29) 1,1-Dichloropropene	5.81	75	27541	20.00	ug/l	100
30) 2-Butanone	4.72	43	110011	100.00	ug/l	100
31) 2,2-Dichloropropane	4.60	77	29699	20.00	ug/l	100
32) 1,1,1-Trichloroethane	5.51	97	33498	20.00	ug/l	100
33) Carbon Tetrachloride	5.79	117	29585	20.00	ug/l	100
34) Benzene	6.15	78	80480	20.00	ug/l	100
35) Methacrylonitrile	5.07	41	19614	20.00	ug/l	100
36) 1,2-Dichloroethane	6.21	62	30372	20.00	ug/l	100
37) Trichloroethene	7.22	130	23920	20.00	ug/l	100
38) Methylcyclohexane	7.47	83	32439	20.00	ug/l	100
39) 1,2-Dichloropropane	7.52	63	20335	20.00	ug/l	100
40) Dibromomethane	7.68	93	15283	20.00	ug/l	100

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 ALS Vial : 4 Sample Multiplier: 1

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Quant Time: Feb 21 06:05:27 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)
41) Bromodichloromethane	7.91	83	29481	20.00	ug/l	100
42) Vinyl Acetate	3.84	43	264501	100.00	ug/l	100
43) Ethyl Acetate	4.88	43	38449	20.00	ug/l	100
44) Isopropyl Acetate	6.48	43	54916	20.00	ug/l	100
45) 1,4-Dioxane	7.77	88	13599	400.00	ug/l	100
46) Methyl methacrylate	7.79	41	26810	20.00	ug/l	100
47) n-amyl Acetate	10.91	43	47188	20.00	ug/l	100
48) t-1,3-Dichloropropene	8.45	75	34610	20.00	ug/l	100
49) cis-1,3-Dichloropropene	9.05	75	33436	20.00	ug/l	100
50) 1,1,2-Trichloroethane	9.23	97	22047	20.00	ug/l	100
51) Ethyl methacrylate	9.19	69	33591	20.00	ug/l	100
52) 1,3-Dichloropropane	9.38	76	36651	20.00	ug/l	100
53) Dibromochloromethane	9.59	129	24985	20.00	ug/l	100
54) 1,2-Dibromoethane	9.68	107	25124	20.00	ug/l	100
55) 2-Chloroethyl vinyl ether	8.32	63	85638	100.00	ug/l	100
56) Bromoform	10.87	173	19843	20.00	ug/l	100
58) 4-Methyl-2-Pentanone	8.66	43	203221	100.00	ug/l	100
59) 2-Hexanone	9.51	43	173057	100.00	ug/l	100
61) Tetrachloroethene	9.34	164	21937	20.00	ug/l	100
62) Toluene	8.79	91	94824	20.00	ug/l	100
64) Chlorobenzene	10.15	112	63234	20.00	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.23	131	22545	20.00	ug/l	100
66) Ethyl Benzene	10.26	91	108909	20.00	ug/l	100
67) m/p-Xylenes	10.37	106	83554	40.00	ug/l	100
68) o-Xylene	10.71	106	41237	20.00	ug/l	100
69) Styrene	10.72	104	68134	20.00	ug/l	100
70) Isopropylbenzene	11.02	105	111316	20.00	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.28	83	38395	20.00	ug/l	100
72) 1,2,3-Trichloropropane	11.30	75	35271m	20.00	ug/l	
73) Bromobenzene	11.26	156	28766	20.00	ug/l	100
74) n-propylbenzene	11.37	91	130400	20.00	ug/l	100
75) 2-Chlorotoluene	11.43	91	76192	20.00	ug/l	100
76) 1,3,5-Trimethylbenzene	11.52	105	93975	19.98	ug/l	70
77) t-1,4-Dichloro-2-butene	11.09	75	12310	20.00	ug/l	100
78) 4-Chlorotoluene	11.52	91	89823	20.00	ug/l	100
79) tert-butylbenzene	11.78	119	94511m	20.00	ug/l	
80) 1,2,4-Trimethylbenzene	11.82	105	97421	20.00	ug/l	100
81) sec-Butylbenzene	11.96	105	116965	20.00	ug/l	100
82) p-Isopropyltoluene	12.07	119	104569	20.00	ug/l	100
83) 1,3-Dichlorobenzene	12.04	146	55329	20.00	ug/l	100
84) 1,4-Dichlorobenzene	12.11	146	56963	20.00	ug/l	100
85) n-Butylbenzene	12.40	91	97767	20.00	ug/l	100
86) Hexachloroethane	12.60	117	17127	20.00	ug/l	100
87) 1,2-Dichlorobenzene	12.40	146	55515	20.00	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	13.01	75	10680	20.00	ug/l	100
89) 1,2,4-Trichlorobenzene	13.65	180	39750	20.00	ug/l	100
90) Hexachlorobutadiene	13.79	225	16555	20.00	ug/l	100
91) Naphthalene	13.84	128	142517	20.00	ug/l	100
92) 1,2,3-Trichlorobenzene	14.03	180	40472	20.00	ug/l	100

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

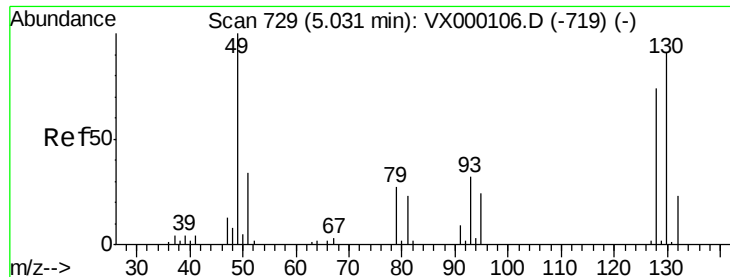
Manual Integrations
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Quant Time: Feb 21 06:05:27 2018
Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X022018W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Feb 21 05:38:14 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



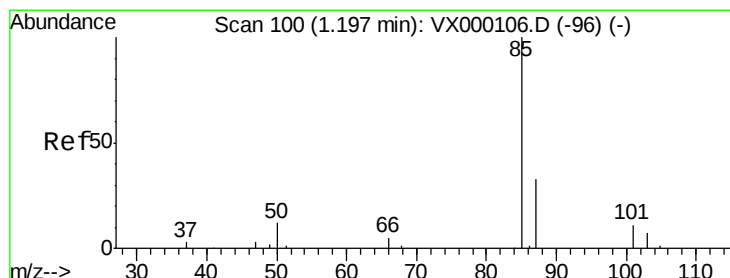
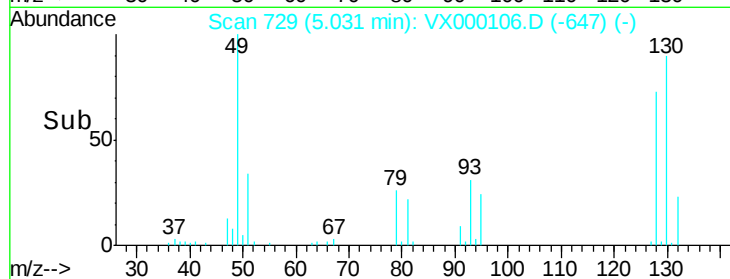
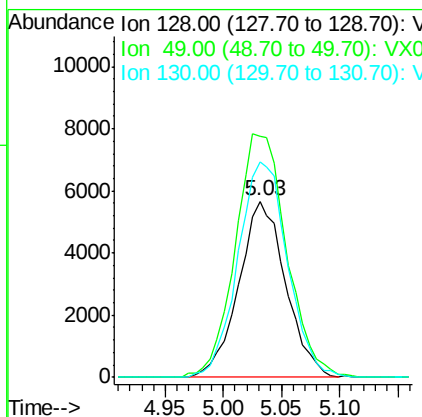
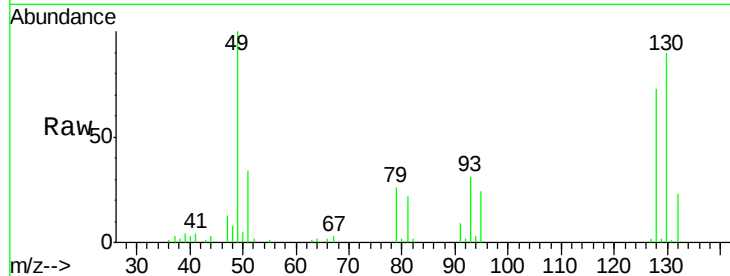
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 5.03 min Scan# 729
Delta R.T. 0.00 min
Lab File: VX000106.D
Acq: 20 Feb 2018 13:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
128	100		
49	151.3	0.0	378.3
130	129.7	0.0	324.3

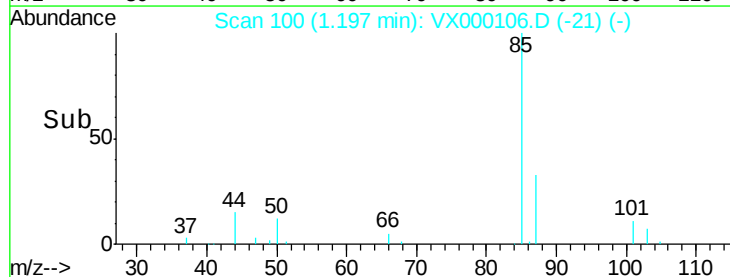
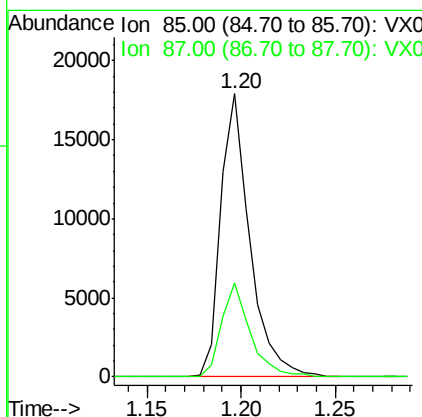
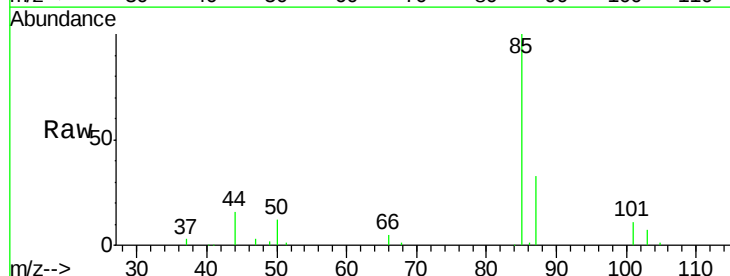
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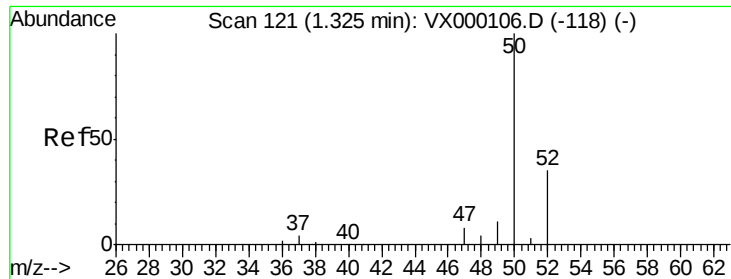
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#2
Dichlorodifluoromethane
Concen: 20.00 ug/l
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX000106.D
Acq: 20 Feb 2018 13:52

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.1	16.6	49.7





#3

Chloromethane

Concen: 20.00 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000106.D

Acq: 20 Feb 2018 13:52

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC020

Tot Ion: 50 Resp: 19936

Ion Ratio Lower Upper

50 100

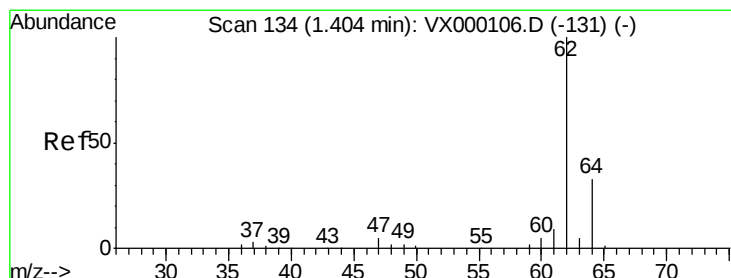
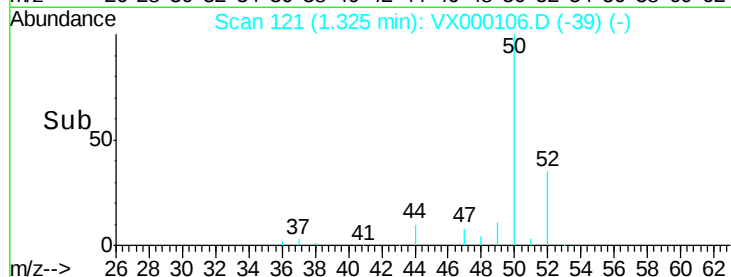
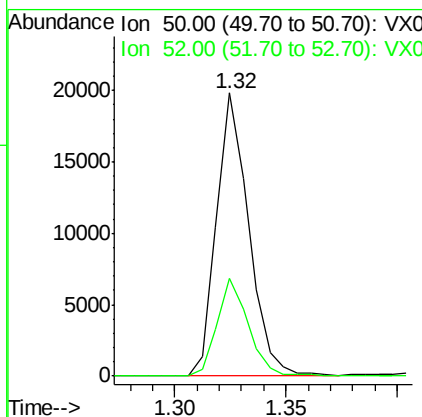
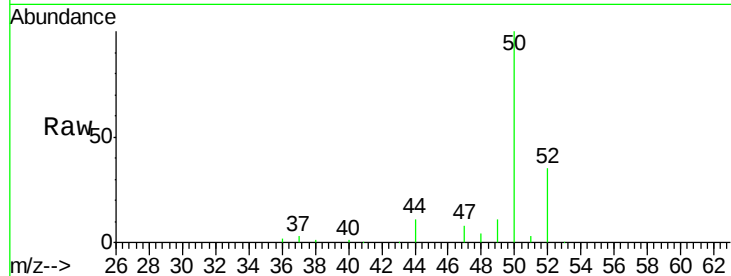
52 34.7 27.8 41.6

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#4

Vinyl Chloride

Concen: 20.00 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX000106.D

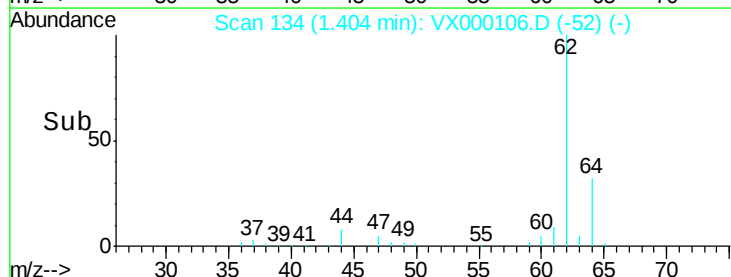
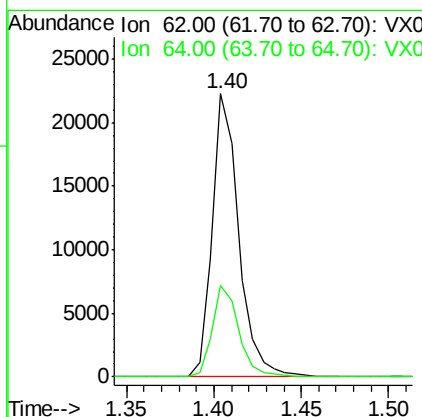
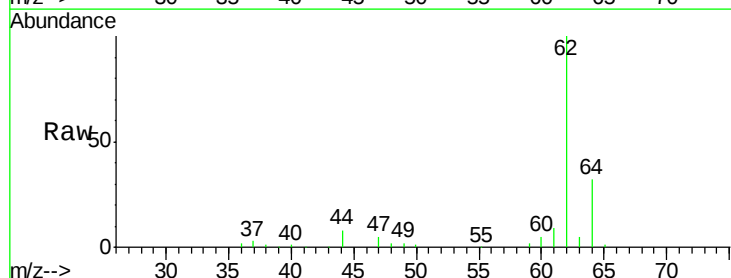
Acq: 20 Feb 2018 13:52

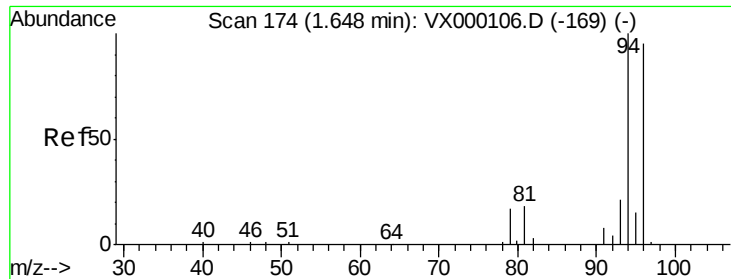
Tgt Ion: 62 Resp: 23406

Ion Ratio Lower Upper

62 100

64 32.5 26.0 39.0





#5

Bromomethane

Concen: 20.00 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.00 min

Lab File: VX000106.D

Acq: 20 Feb 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 94 Resp: 21097

Ion Ratio Lower Upper

94 100

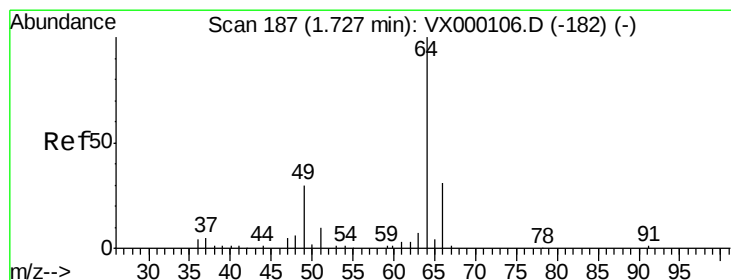
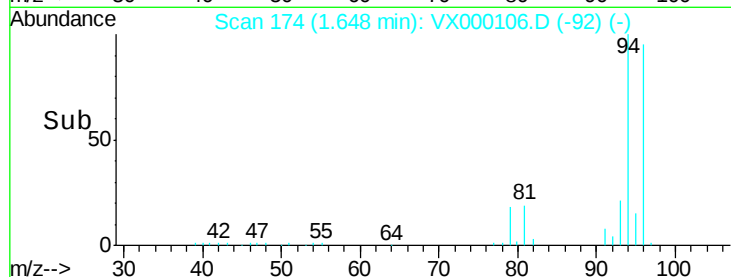
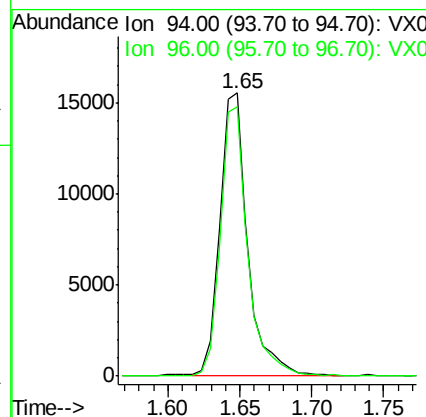
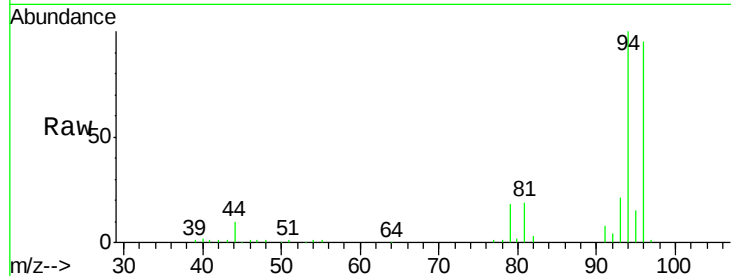
96 95.2 76.2 114.2

Manual Integrations

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#6

Chloroethane

Concen: 20.00 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000106.D

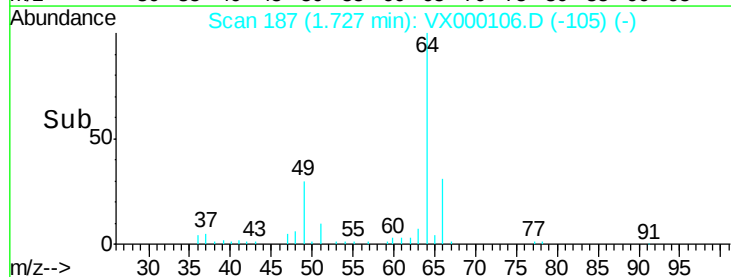
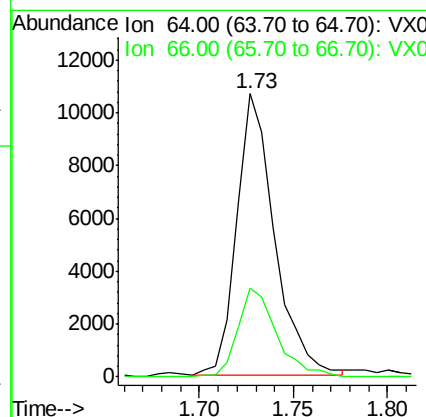
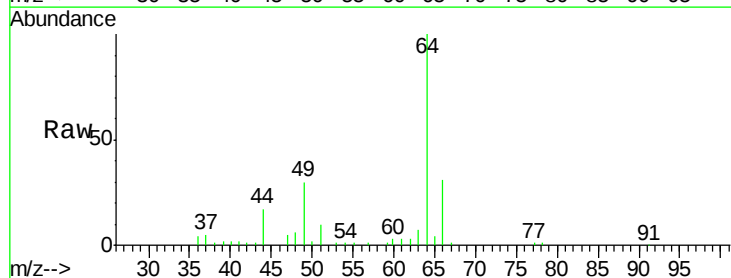
Acq: 20 Feb 2018 13:52

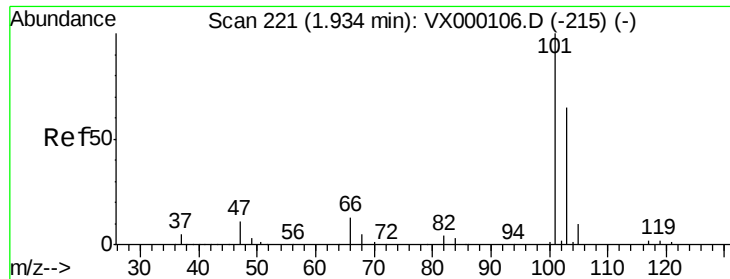
Tgt Ion: 64 Resp: 14733

Ion Ratio Lower Upper

64 100

66 31.5 25.2 37.8





#7

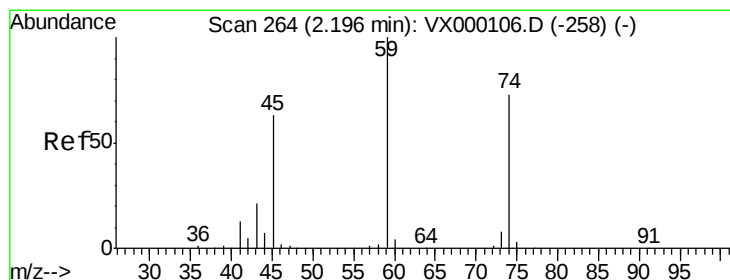
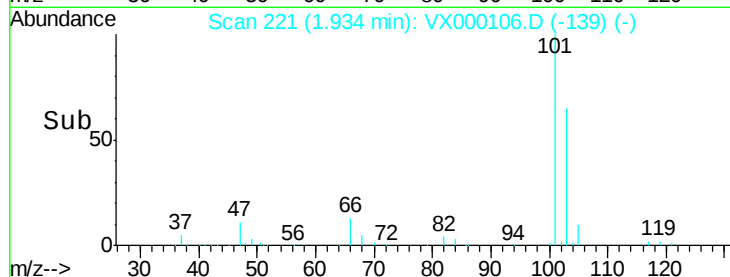
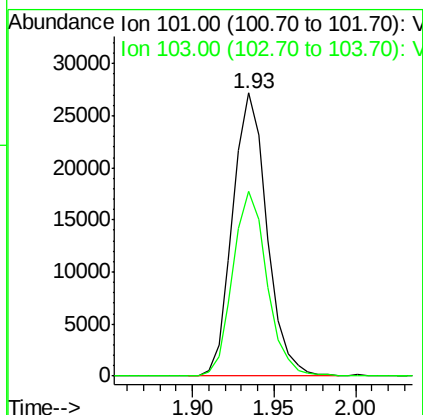
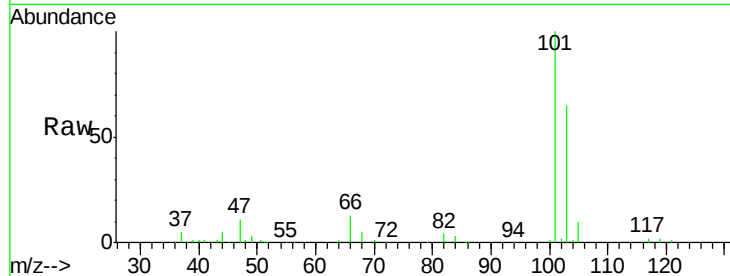
Trichlorofluoromethane
Concen: 20.00 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX000106.D
Acq: 20 Feb 2018 13:52

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC020

Tot Ion:101 Resp: 39994
Ion Ratio Lower Upper
101 100
103 65.3 52.2 78.4

Manual Integrations
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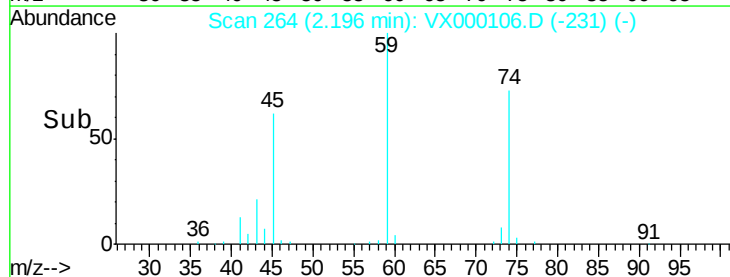
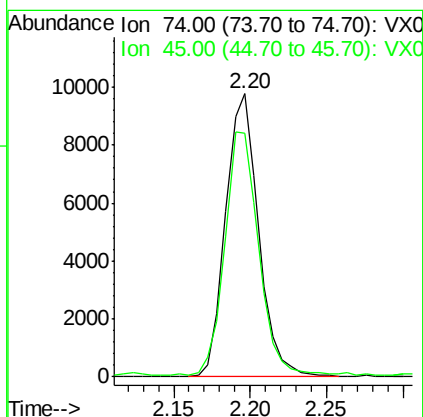
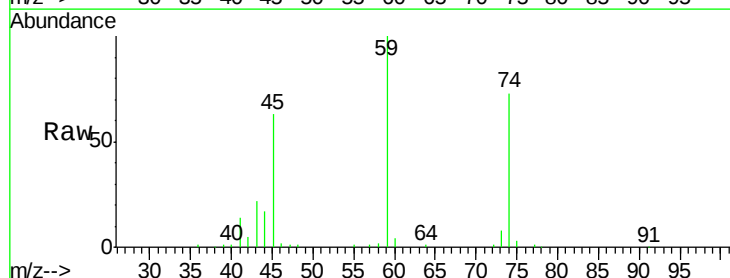
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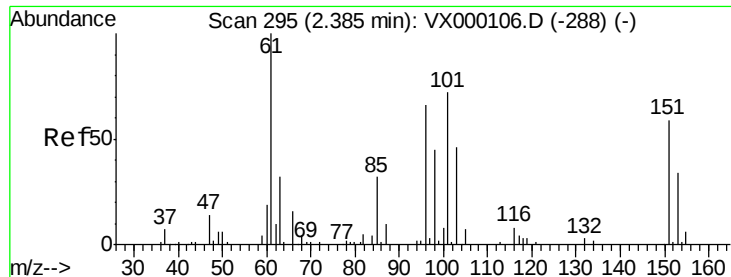


#8

Diethyl Ether
Concen: 20.00 ug/l
RT: 2.20 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX000106.D
Acq: 20 Feb 2018 13:52

Tgt Ion: 74 Resp: 14628
Ion Ratio Lower Upper
74 100
45 88.8 17.8 159.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.00 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX000106.D

Acq: 20 Feb 2018 13:52

Instrument :

MSVOA_X

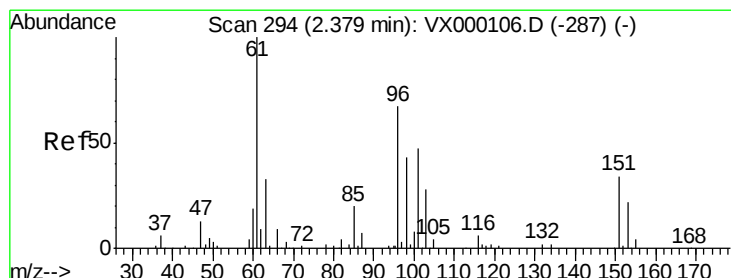
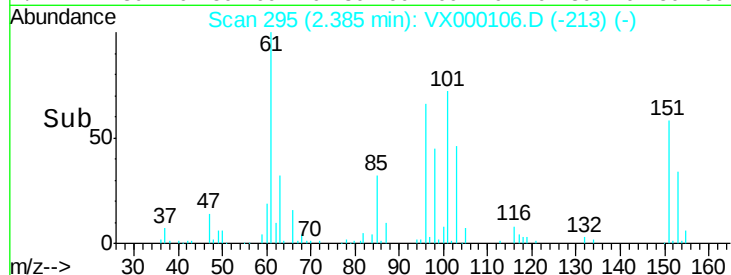
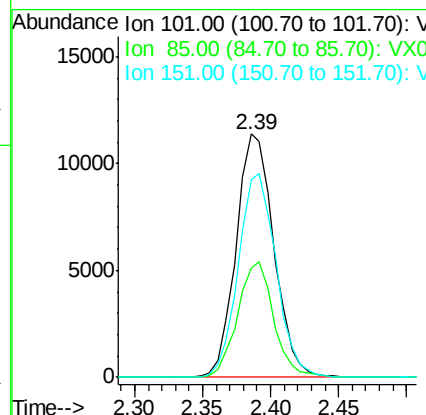
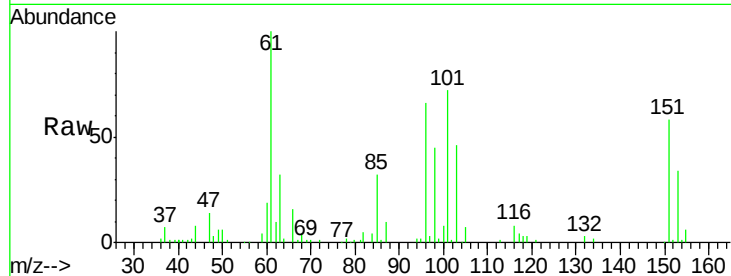
ClientSampled :

VSTDICCC020

Tot Ion:	101	Resp:	22118
Ion Ratio	Lower	Upper	
101	100		
85	45.2	0.0	90.4
151	83.8	0.0	167.6

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 20.00 ug/l

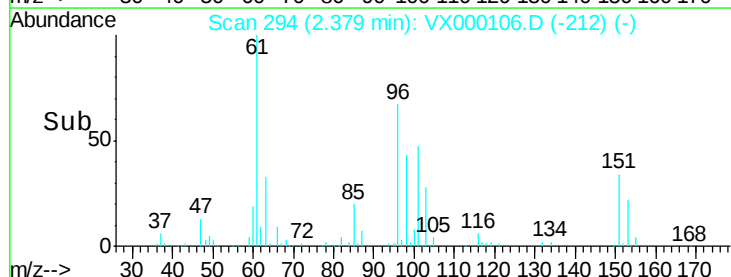
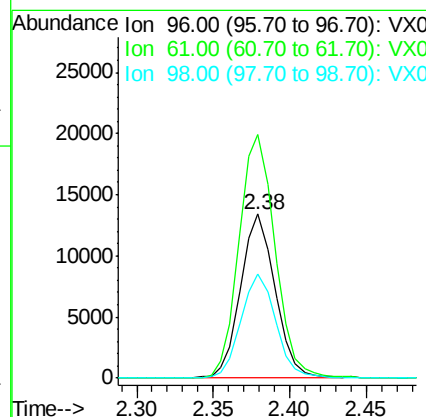
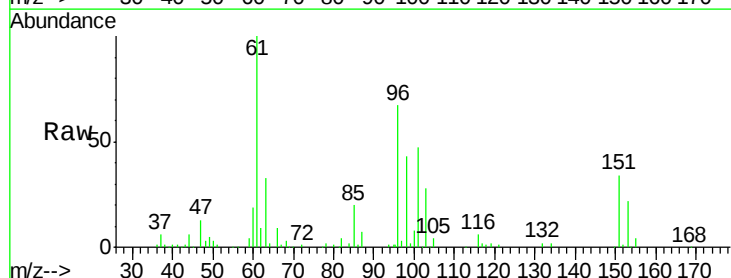
RT: 2.38 min Scan# 294

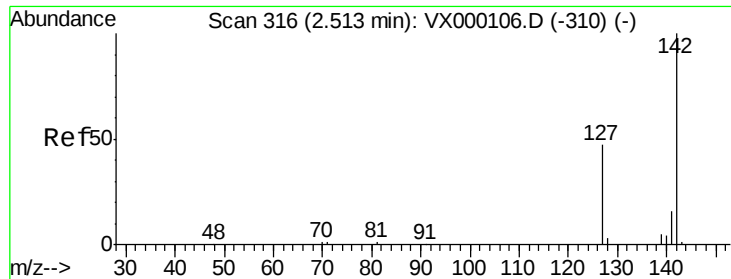
Delta R.T. 0.00 min

Lab File: VX000106.D

Acq: 20 Feb 2018 13:52

Tgt Ion:	96	Resp:	21230
Ion Ratio	Lower	Upper	
96	100		
61	148.3	118.6	178.0
98	63.8	51.0	76.6





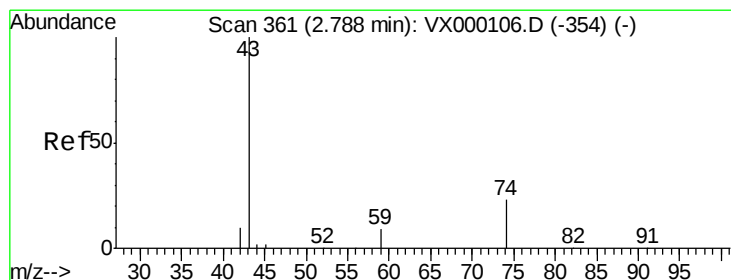
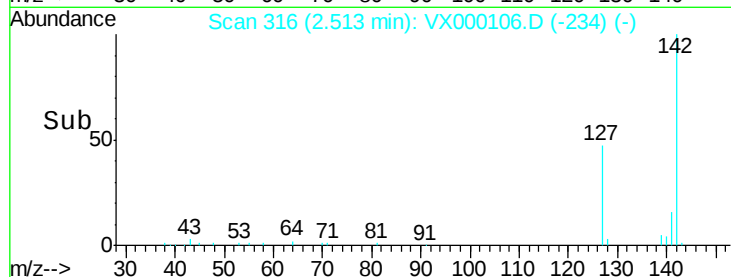
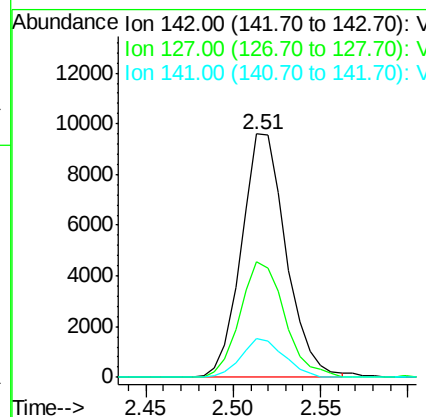
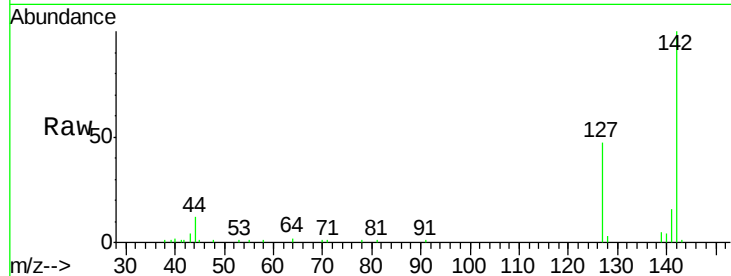
#11
Methvl Iodide
Concen: 20.00 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX000106.D
Acq: 20 Feb 2018 13:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
142	100		
127	47.7	23.8	71.5
141	16.3	8.2	24.4

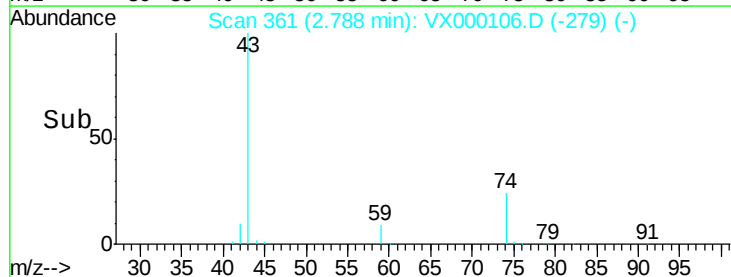
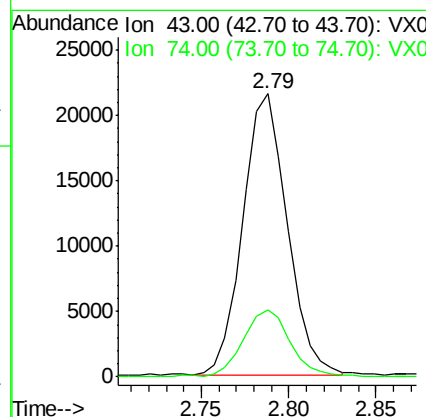
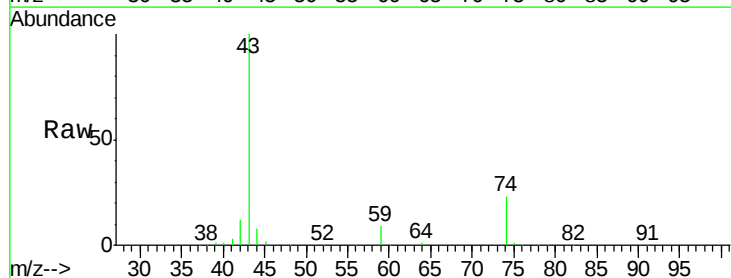
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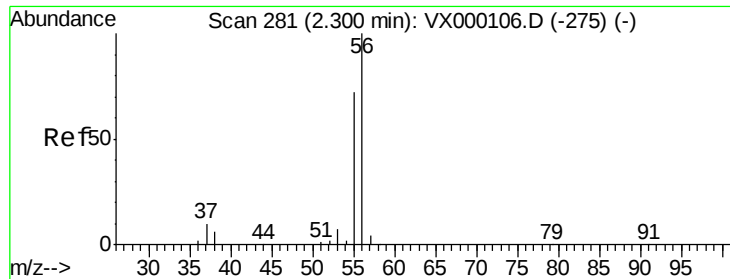
apatel
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#12
Methyl Acetate
Concen: 20.00 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.00 min
Lab File: VX000106.D
Acq: 20 Feb 2018 13:52

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.2	18.6	27.8





#13

Acrolein

Concen: 100.00 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000106.D

Acq: 20 Feb 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 56 Resp: 21596

Ion Ratio Lower Upper

56 100

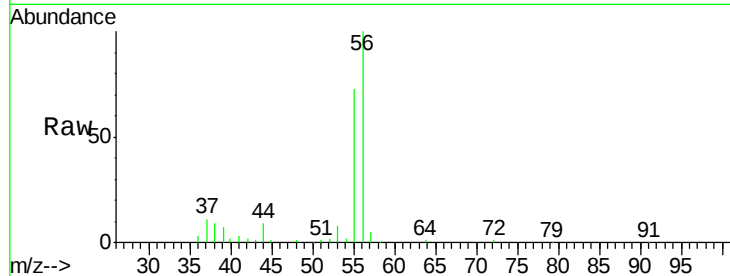
55 71.6 57.3 85.9

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

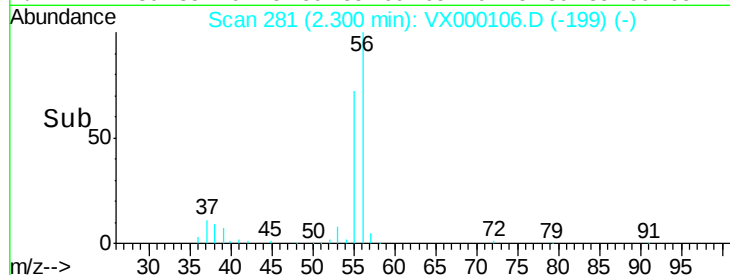
15000

10000

5000

0

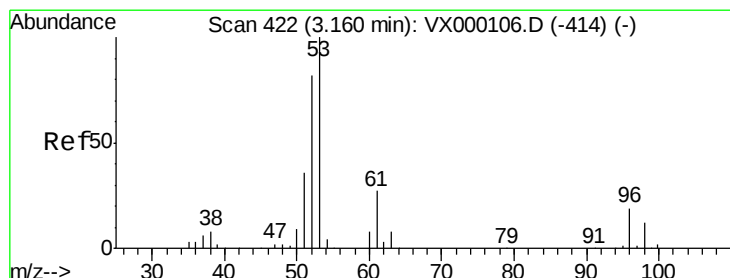
Time-->



2.30

2.35

2.40



#14

Acrylonitrile

Concen: 100.00 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX000106.D

Acq: 20 Feb 2018 13:52

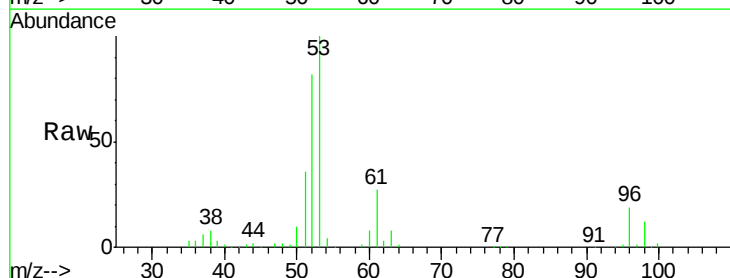
Tgt Ion: 53 Resp: 82170

Ion Ratio Lower Upper

53 100

52 83.9 41.9 125.8

51 37.5 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

50000

40000

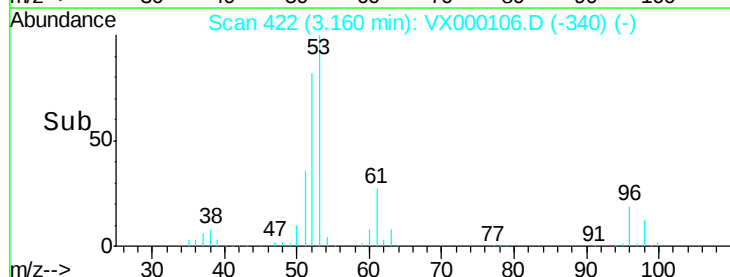
30000

20000

10000

0

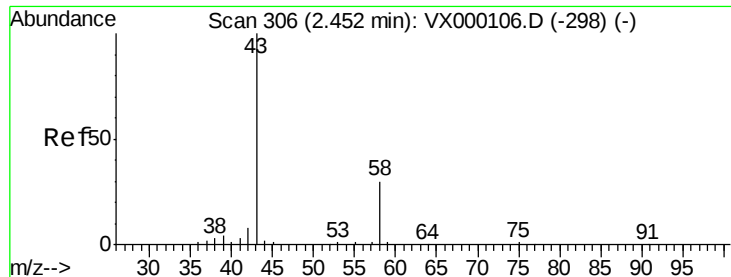
Time-->



3.16

3.20

3.25



#15

Acetone

Concen: 100.00 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000106.D

Acq: 20 Feb 2018 13:52

Tot Ion: 58 Resp: 28011

Ion Ratio Lower Upper

58 100

43 330.7 264.6 396.8

Instrument :

MSVOA_X

ClientSampleId :

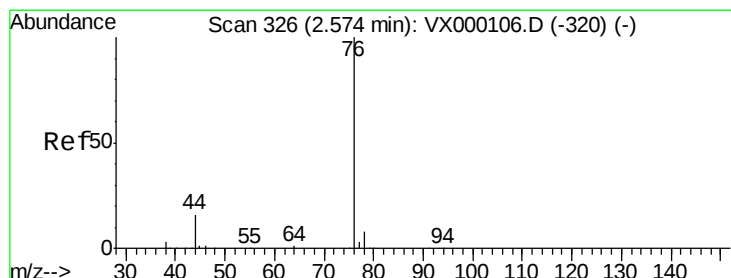
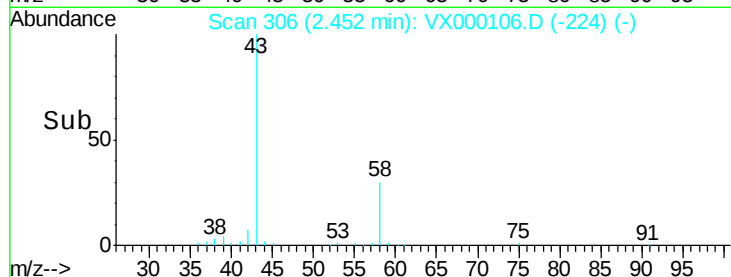
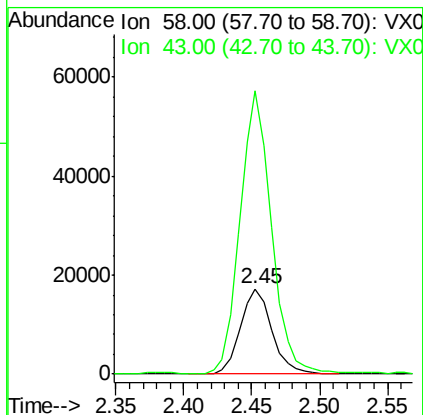
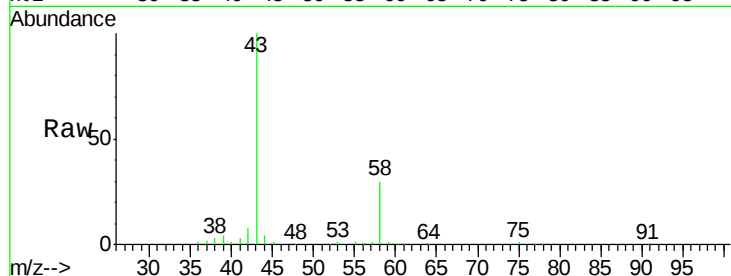
VSTDICCC020

Manual Integrations

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#16

Carbon Disulfide

Concen: 20.00 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000106.D

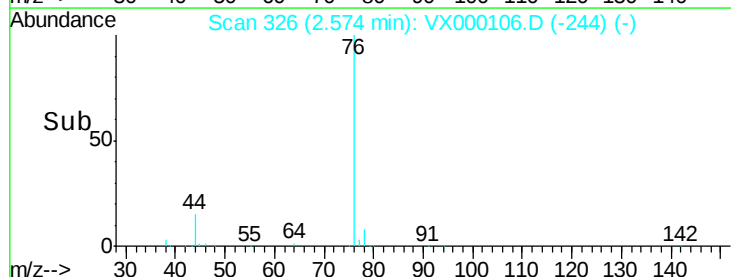
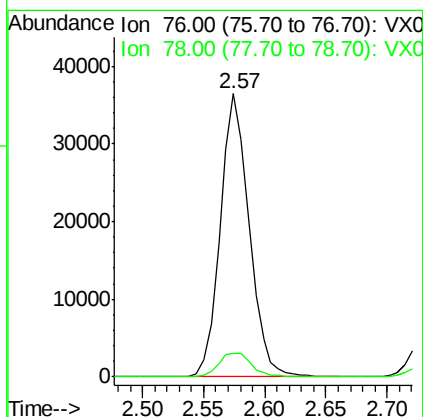
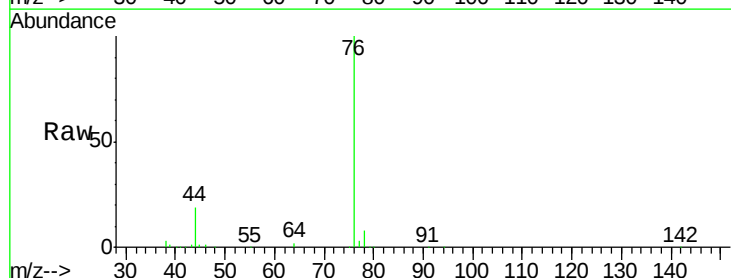
Acq: 20 Feb 2018 13:52

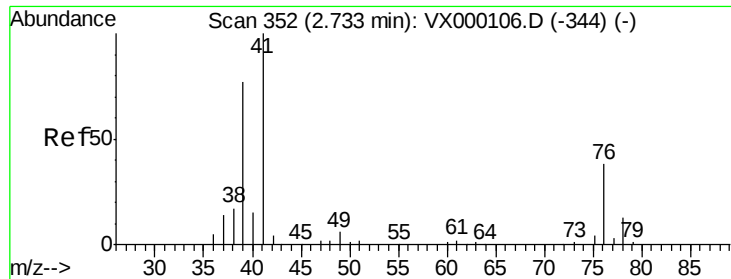
Tgt Ion: 76 Resp: 59728

Ion Ratio Lower Upper

76 100

78 8.5 6.8 10.2





#17

Allvl chloride

Concen: 20.00 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000106.D

Acq: 20 Feb 2018 13:52

Instrument :

MSVOA_X

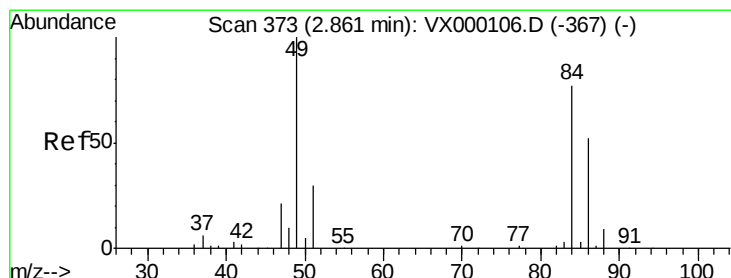
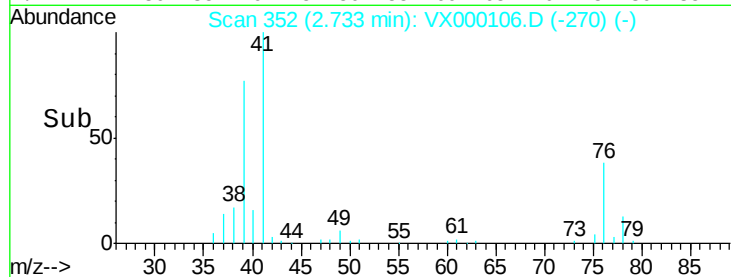
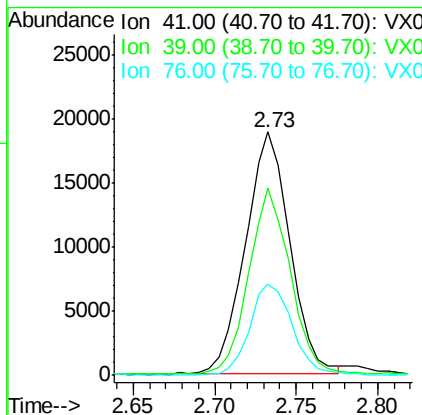
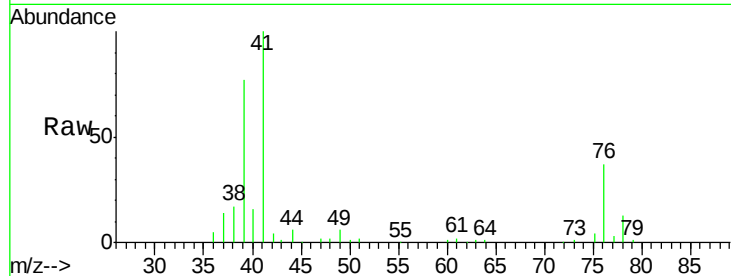
ClientSampleId :

VSTDICCC020

Tot Ion:	41	Resp:	35667
Ion	Ratio	Lower	Upper
41	100		
39	77.0	38.5	115.5
76	37.4	18.7	56.1

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#18

Methylene Chloride

Concen: 20.00 ug/l

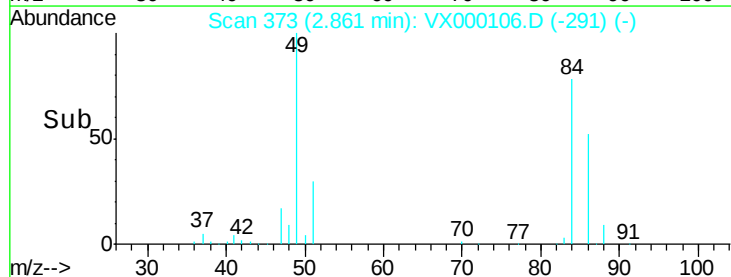
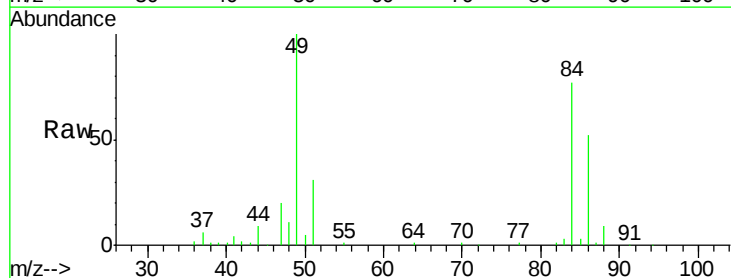
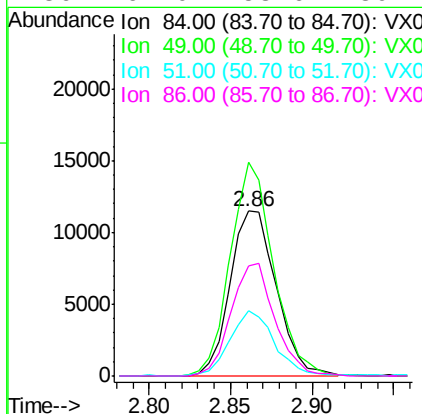
RT: 2.86 min Scan# 373

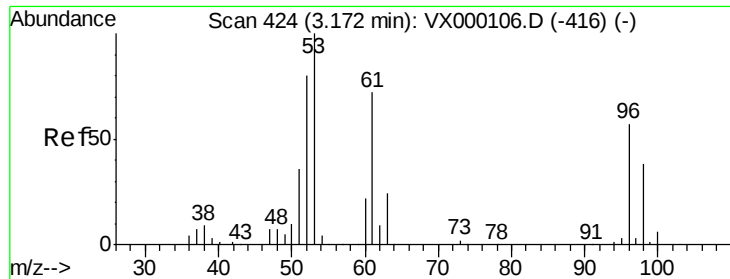
Delta R.T. 0.00 min

Lab File: VX000106.D

Acq: 20 Feb 2018 13:52

Tgt Ion:	84	Resp:	22631
Ion	Ratio	Lower	Upper
84	100		
49	129.1	103.3	154.9
51	39.0	31.2	46.8
86	67.0	53.6	80.4





#19

trans-1,2-Dichloroethene

Concen: 20.00 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000106.D

Acq: 20 Feb 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 96 Resp: 22799

Ion Ratio Lower Upper

96 100

61 126.3 101.0 151.6

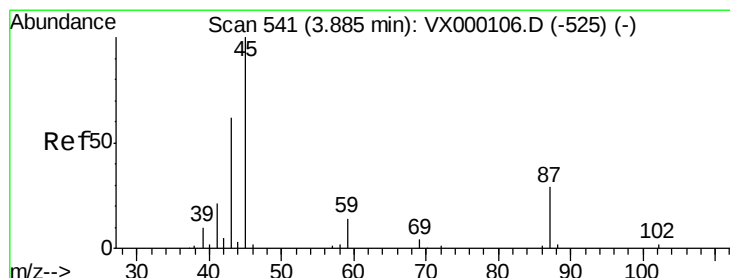
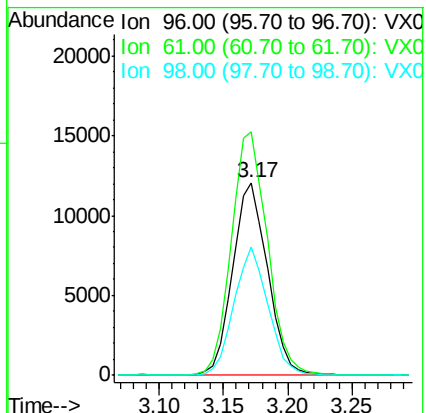
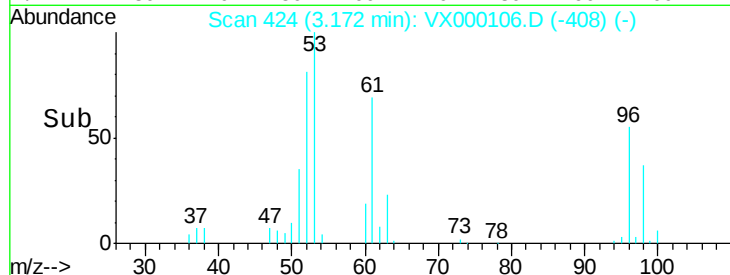
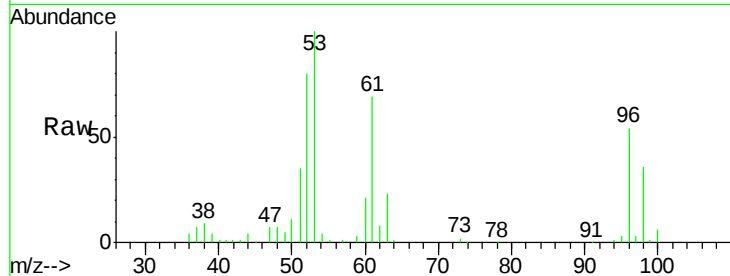
98 66.6 53.3 79.9

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#20

Diisopropyl ether

Concen: 20.00 ug/l

RT: 3.89 min Scan# 541

Delta R.T. 0.00 min

Lab File: VX000106.D

Acq: 20 Feb 2018 13:52

Tgt Ion: 45 Resp: 54482

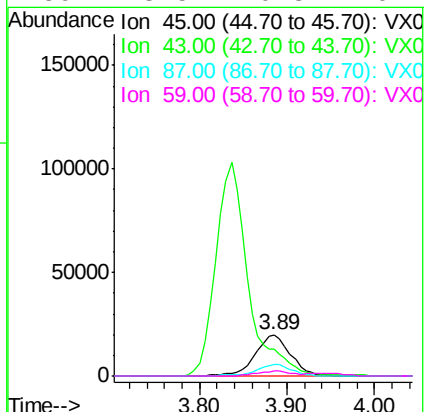
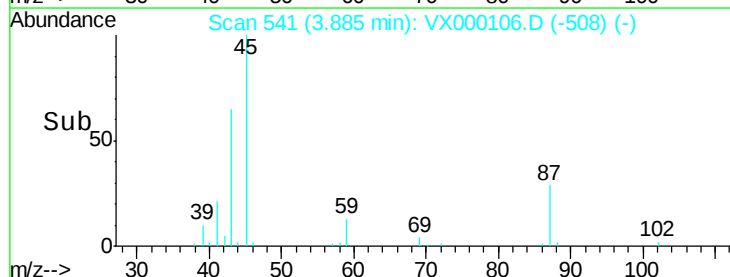
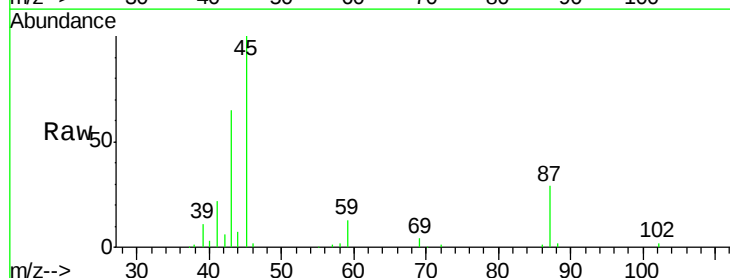
Ion Ratio Lower Upper

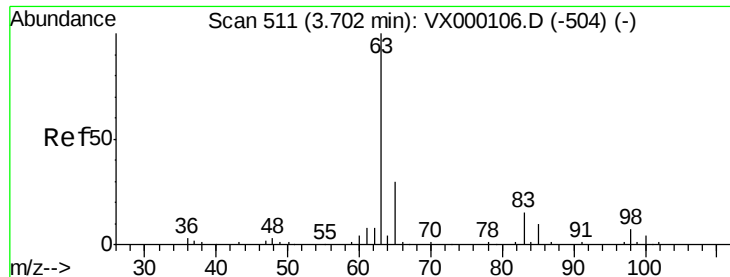
45 100

43 62.0 49.6 74.4

87 28.9 23.1 34.7

59 13.5 10.8 16.2





#21

1,1-Dichloroethane

Concen: 20.00 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000106.D

Acq: 20 Feb 2018 13:52

Instrument :

MSVOA_X

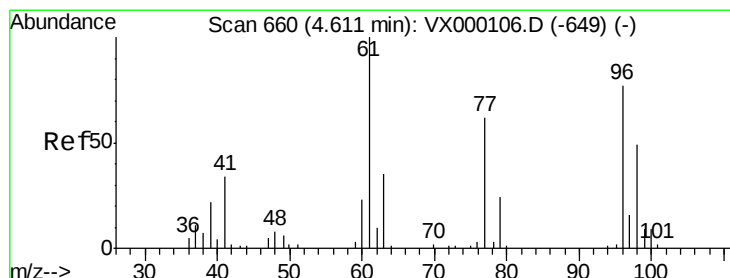
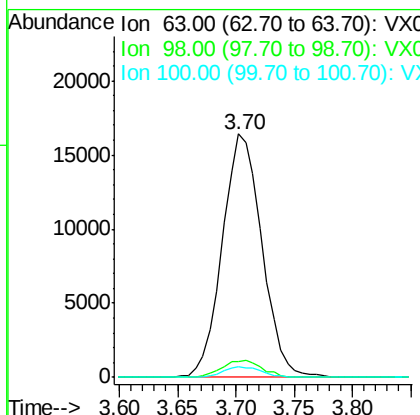
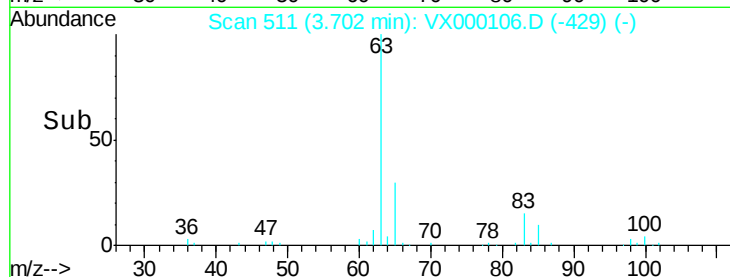
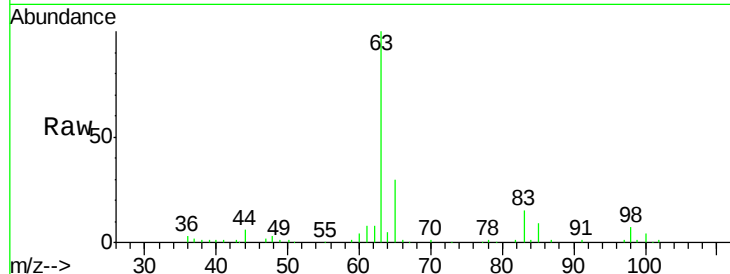
ClientSampleId :

VSTDICCC020

Tot Ion:	63	Resp:	38759
Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.3	9.9
100	4.3	2.1	6.5

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#22

cis-1,2-Dichloroethene

Concen: 20.00 ug/l

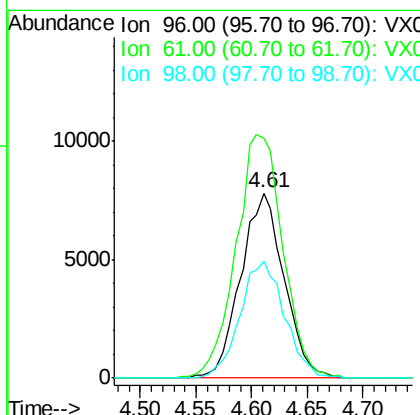
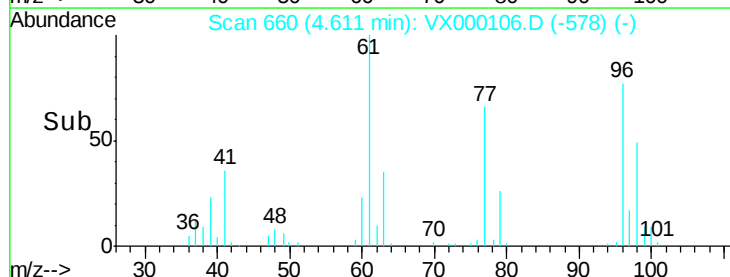
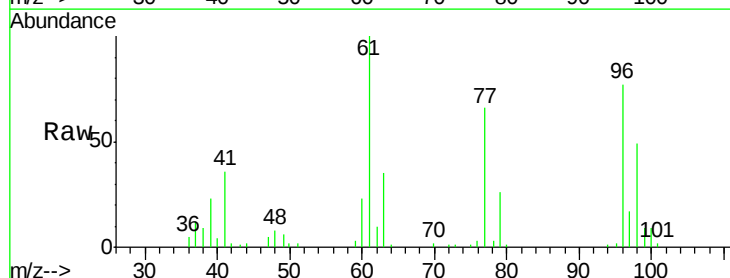
RT: 4.61 min Scan# 660

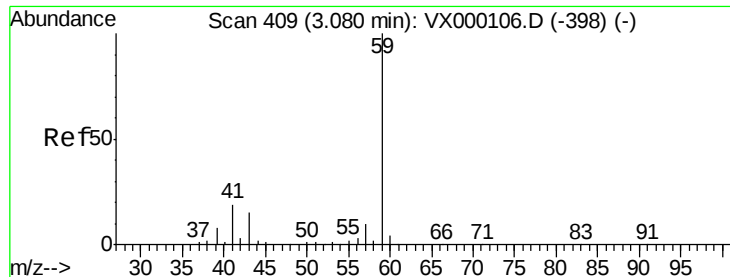
Delta R.T. 0.00 min

Lab File: VX000106.D

Acq: 20 Feb 2018 13:52

Tgt Ion:	96	Resp:	21196
Ion	Ratio	Lower	Upper
96	100		
61	141.9	113.5	170.3
98	64.8	51.8	77.8





#23

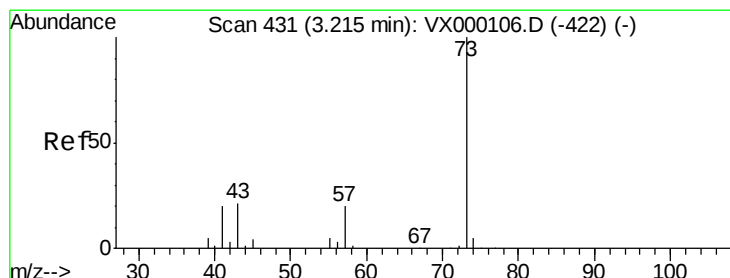
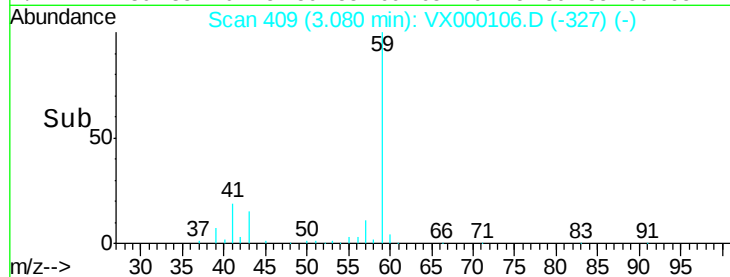
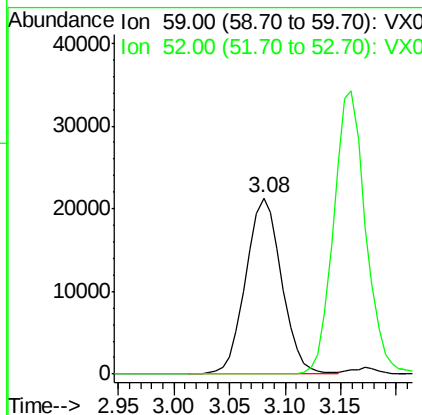
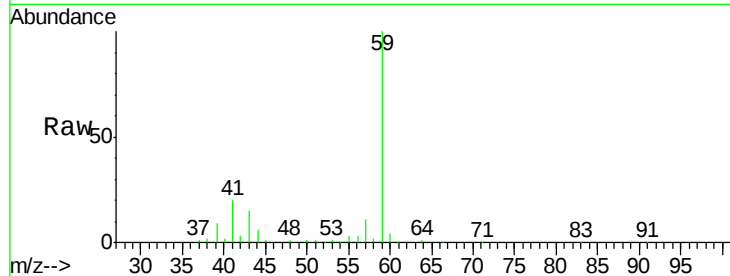
tert-Butyl Alcohol
 Concen: 100.48 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: VX000106.D
 Acq: 20 Feb 2018 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.1	0.1#

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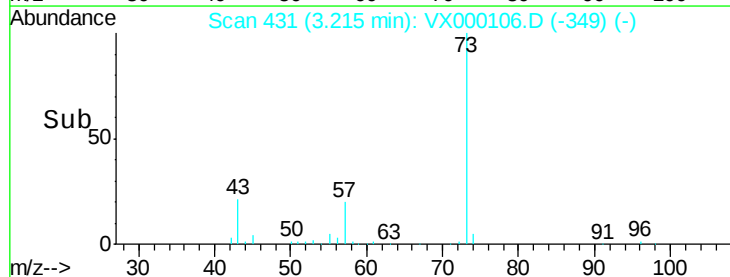
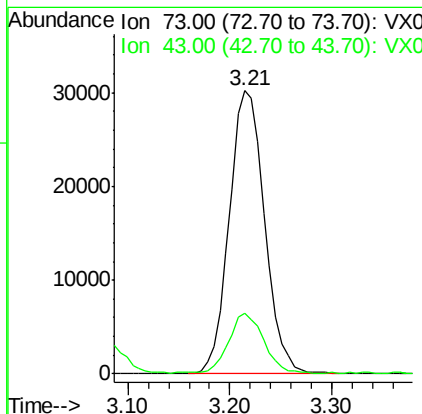
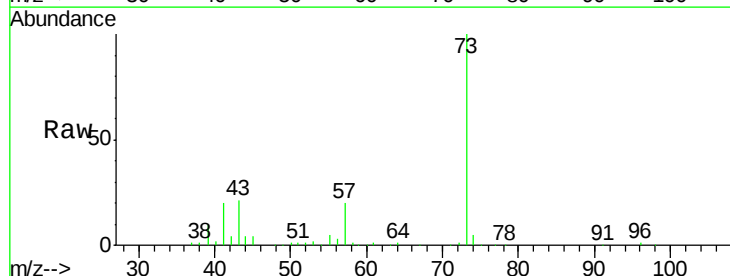
apatel
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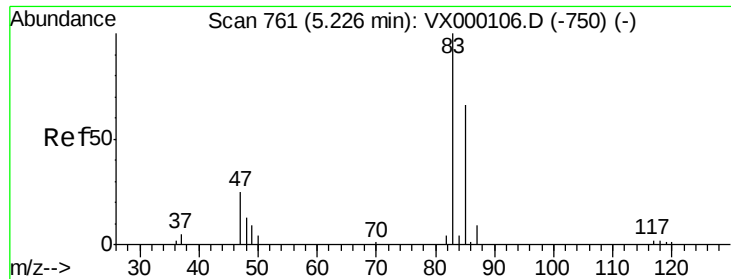


#24

Methyl tert-Butyl Ether
 Concen: 20.00 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. 0.00 min
 Lab File: VX000106.D
 Acq: 20 Feb 2018 13:52

Tgt Ion	Ratio	Lower	Upper
73	100		
43	20.6	16.5	24.7





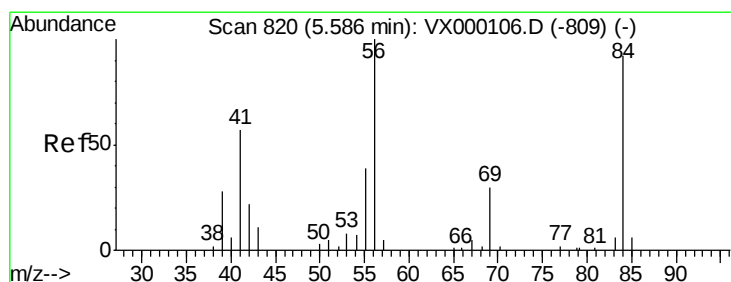
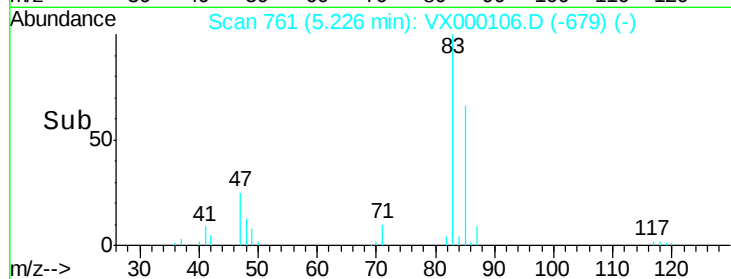
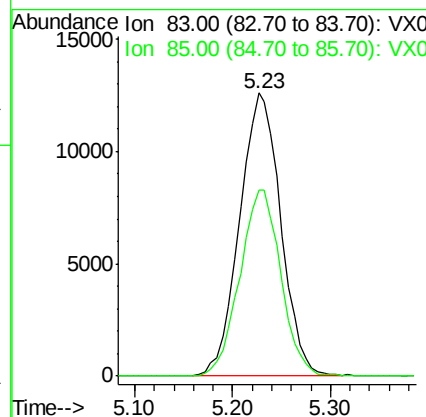
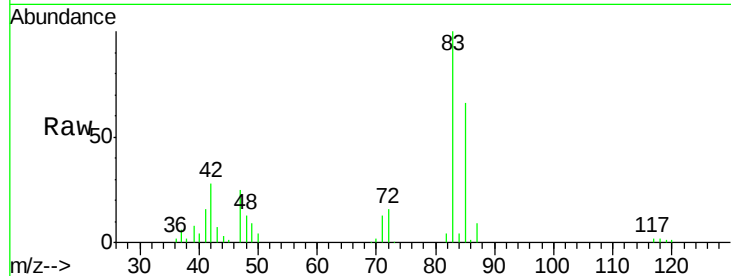
#25
Chloroform
Concen: 20.00 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX000106.D
Acq: 20 Feb 2018 13:52

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC020

Tot Ion: 83 Resp: 36700
Ion Ratio Lower Upper
83 100
85 65.6 52.5 78.7

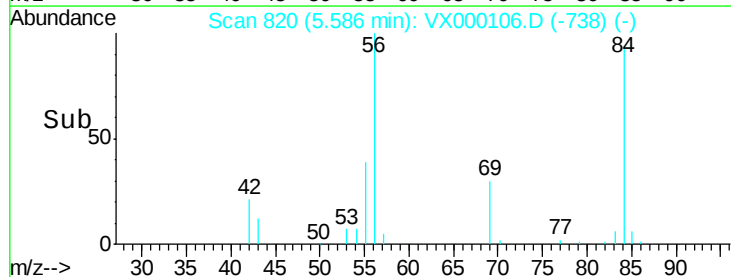
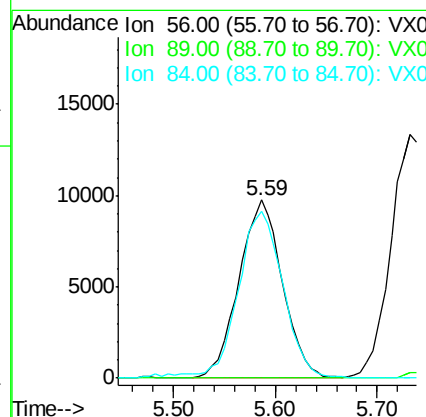
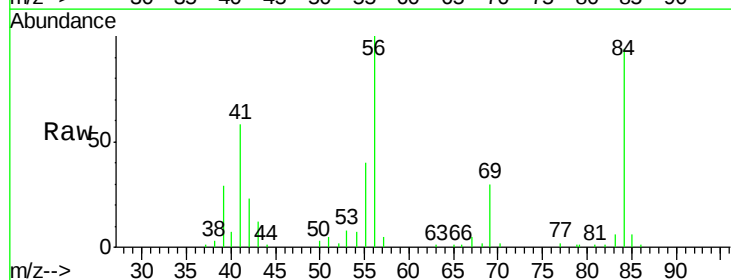
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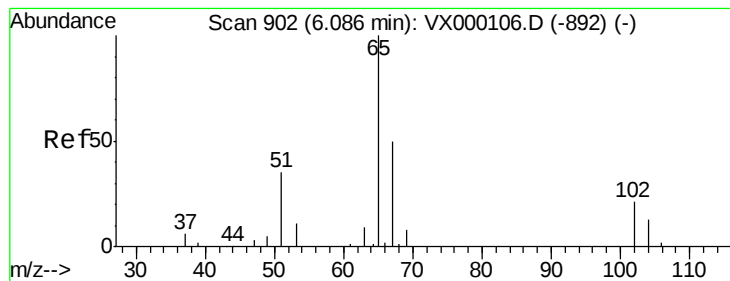
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#26
Cyclohexane
Concen: 20.00 ug/l
RT: 5.59 min Scan# 820
Delta R.T. 0.00 min
Lab File: VX000106.D
Acq: 20 Feb 2018 13:52

Tgt Ion: 56 Resp: 28907
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 93.5 74.8 112.2





#27

1,2-Dichloroethane-d4

Concen: 30.00 ug/l

RT: 6.09 min Scan# 902

Delta R.T. 0.00 min

Lab File: VX000106.D

Acq: 20 Feb 2018 13:52

Tot Ion: 65 Resp: 36464

Ion Ratio Lower Upper

65 100

67 51.8 41.4 62.2

Instrument :

MSVOA_X

ClientSampleId :

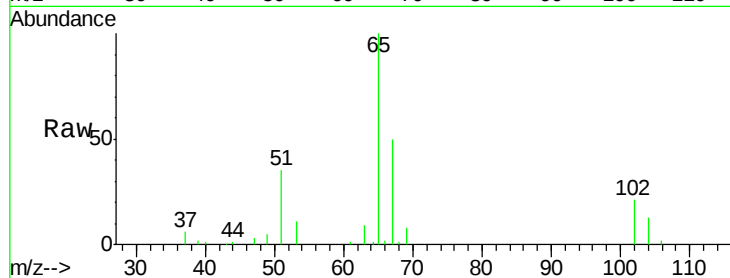
VSTDICCC020

Manual Integrations

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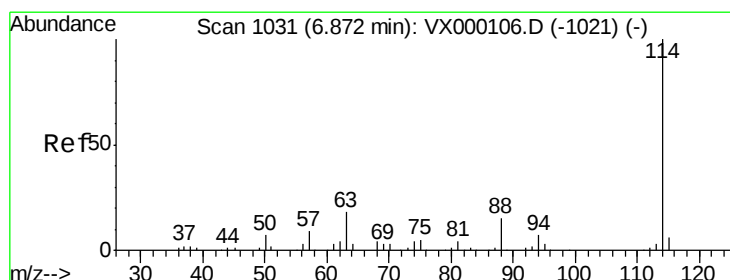
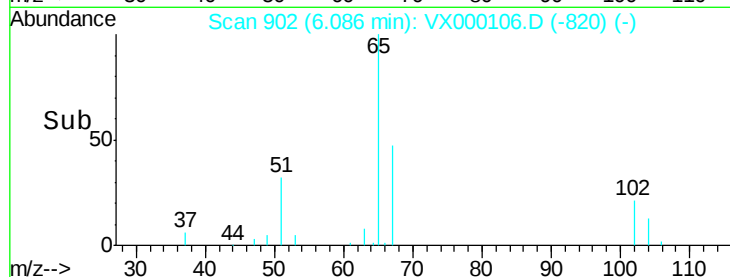
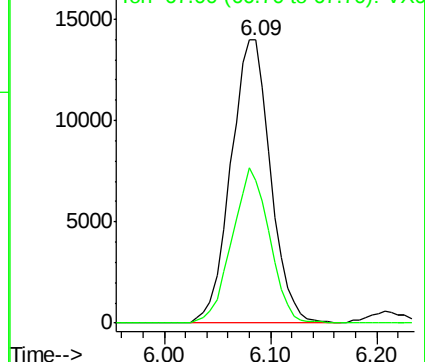
apatel

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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: VX000106.D

Acq: 20 Feb 2018 13:52

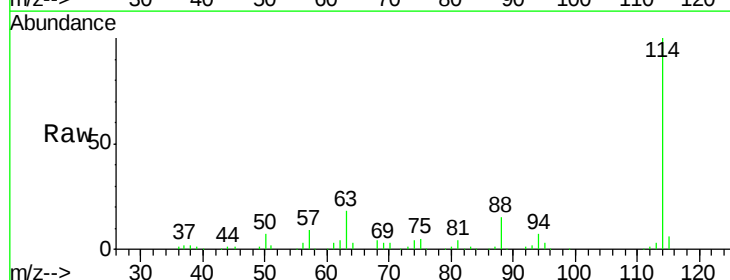
Tgt Ion: 114 Resp: 95528

Ion Ratio Lower Upper

114 100

63 18.7 15.0 22.4

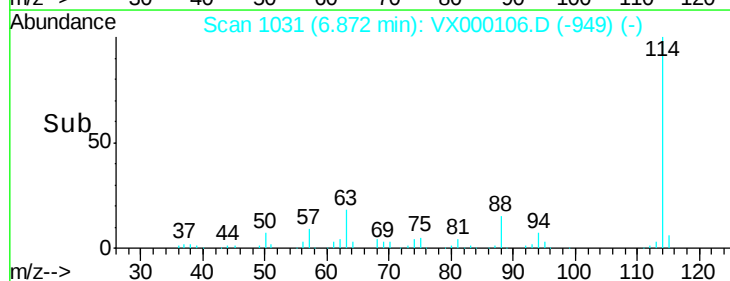
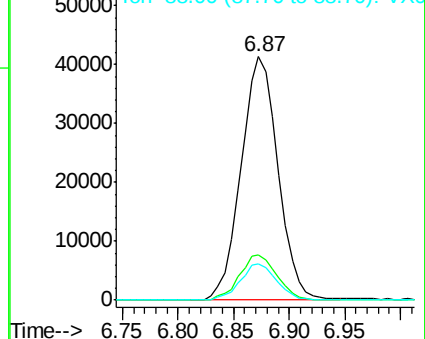
88 14.8 11.8 17.8

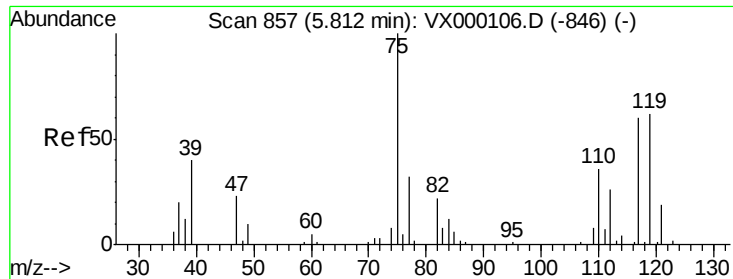


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





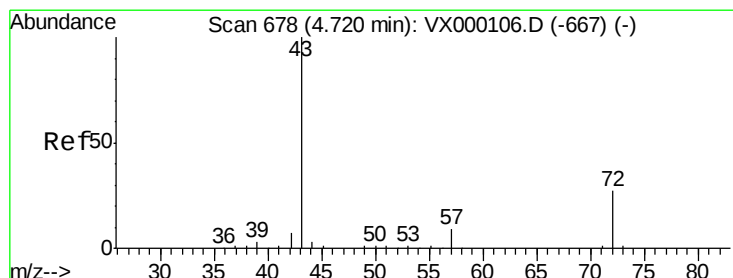
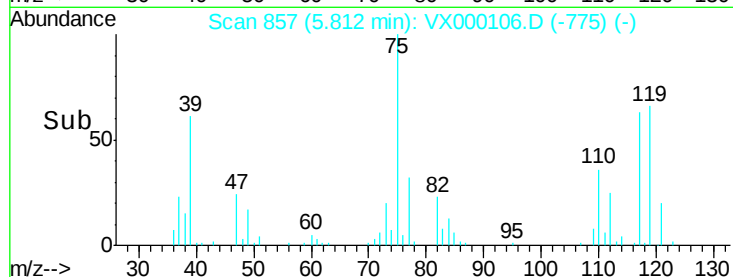
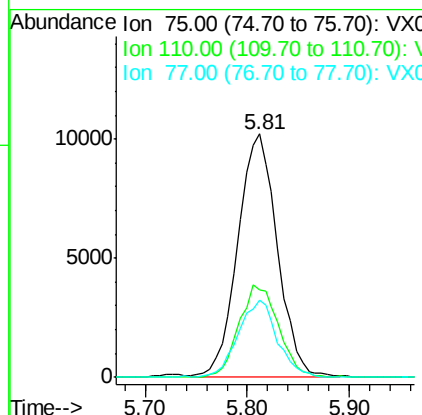
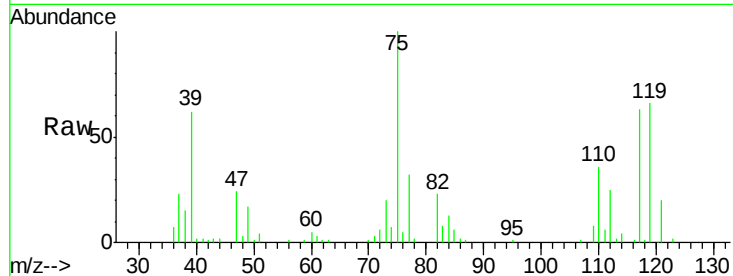
#29
 1,1-Dichloropropene
 Concen: 20.00 ug/l
 RT: 5.81 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: VX000106.D
 Acq: 20 Feb 2018 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
75	100		
110	37.8	0.0	75.6
77	31.3	0.0	62.6

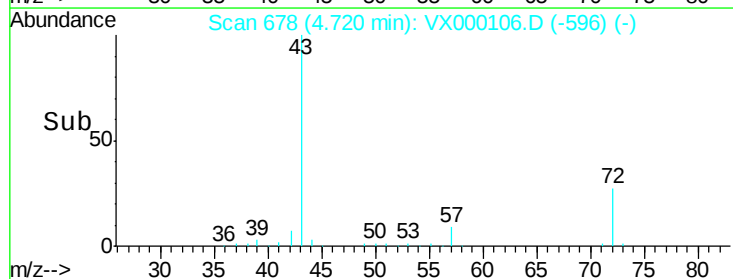
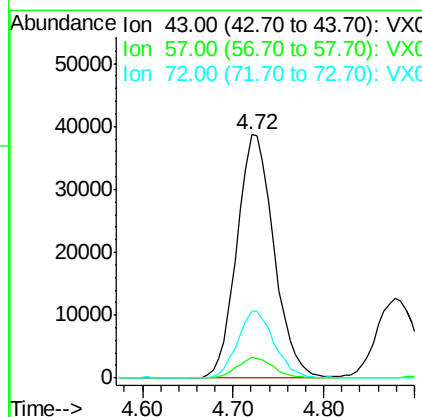
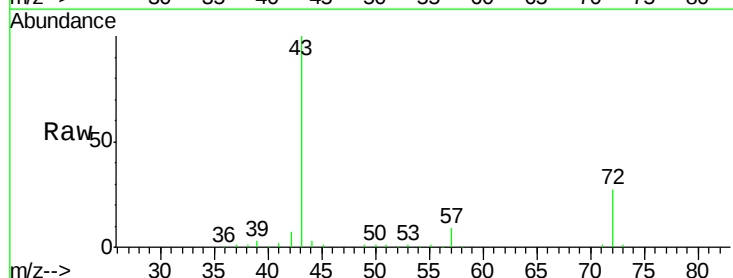
Manual Integrations
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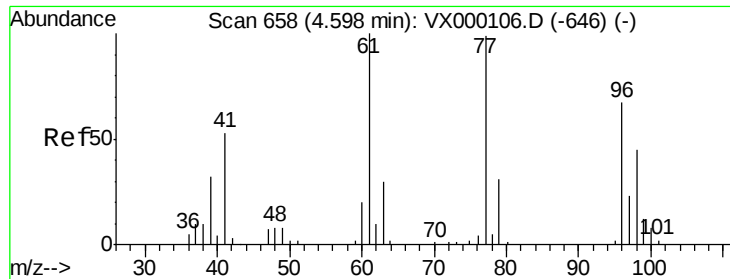
apatel
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#30
 2-Butanone
 Concen: 100.00 ug/l
 RT: 4.72 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: VX000106.D
 Acq: 20 Feb 2018 13:52

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.3	6.6	10.0
72	27.2	21.8	32.6





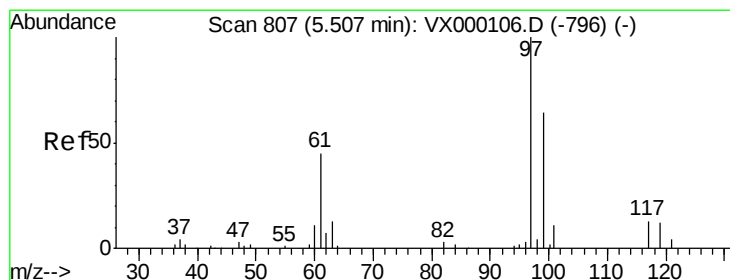
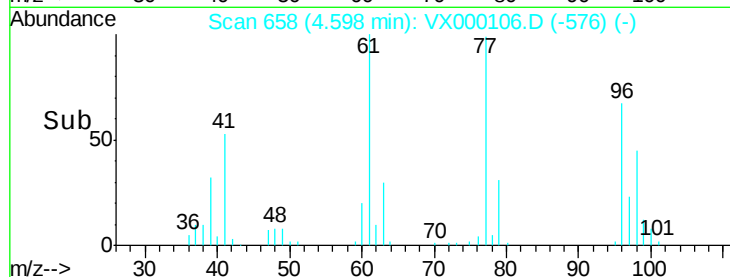
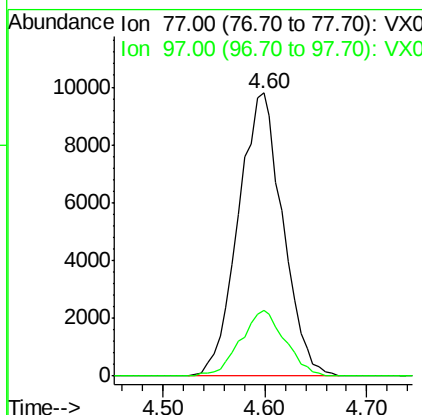
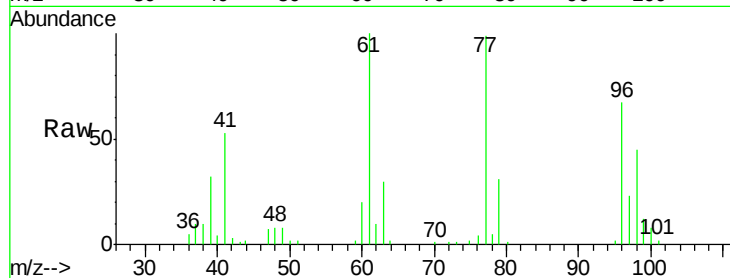
#31
 2,2-Dichloropropane
 Concen: 20.00 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: VX000106.D
 Acq: 20 Feb 2018 13:52

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICCC020

Tot Ion: 77 Resp: 29699
 Ion Ratio Lower Upper
 77 100
 97 23.2 18.6 27.8

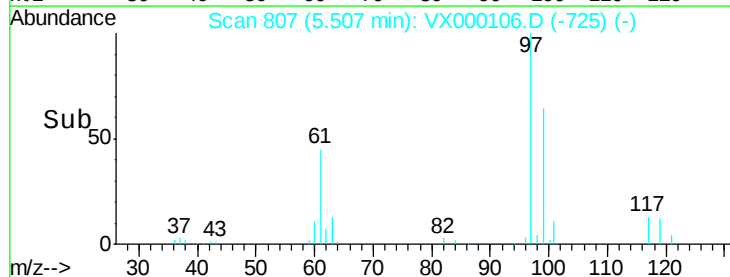
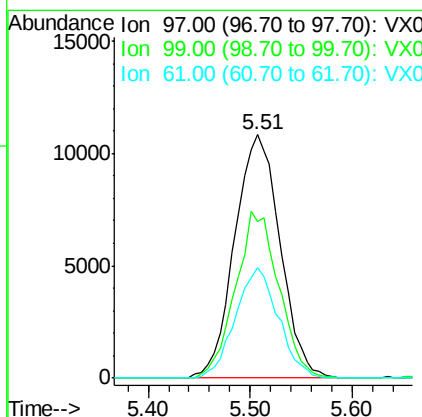
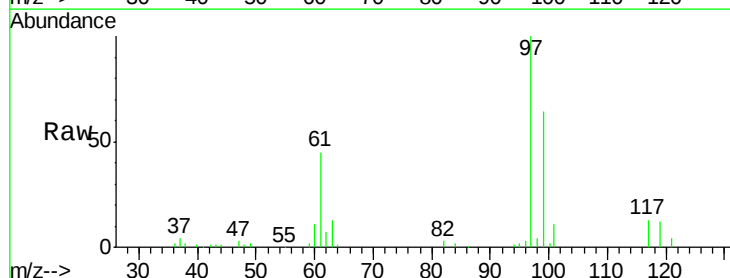
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#32
 1,1,1-Trichloroethane
 Concen: 20.00 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX000106.D
 Acq: 20 Feb 2018 13:52

Tgt Ion: 97 Resp: 33498
 Ion Ratio Lower Upper
 97 100
 99 65.4 52.3 78.5
 61 42.9 34.3 51.5





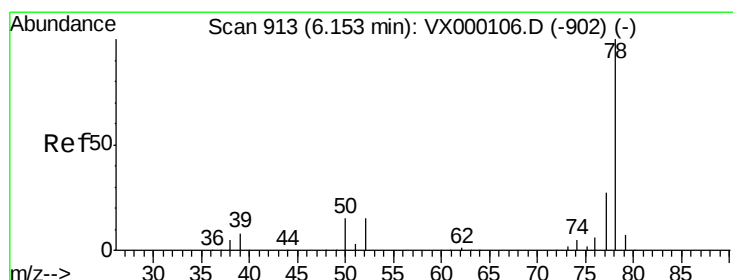
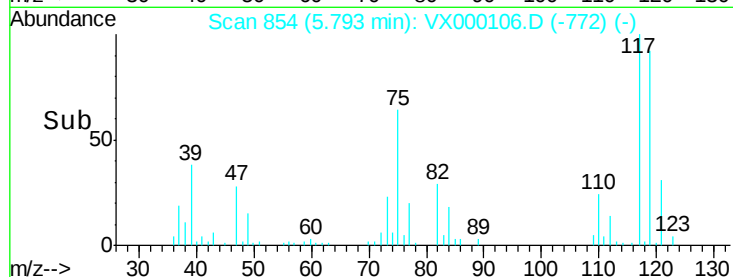
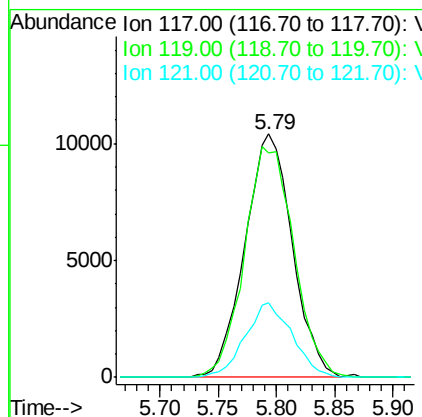
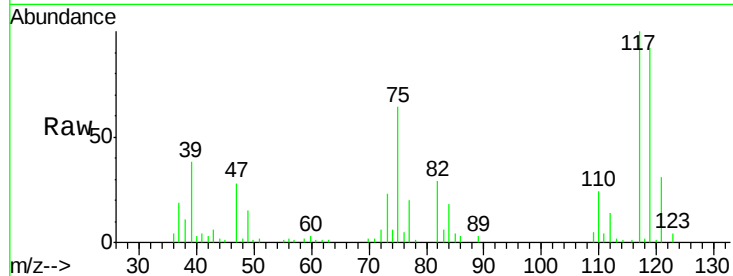
#33
Carbon Tetrachloride
Concen: 20.00 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX000106.D
Acq: 20 Feb 2018 13:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
117	100		
119	91.9	73.5	110.3
121	30.8	24.6	37.0

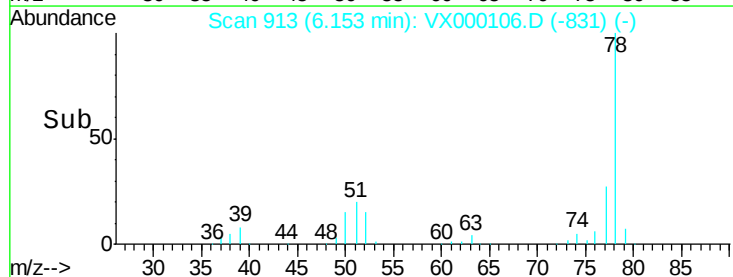
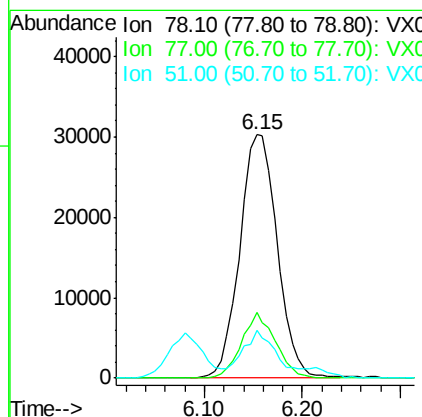
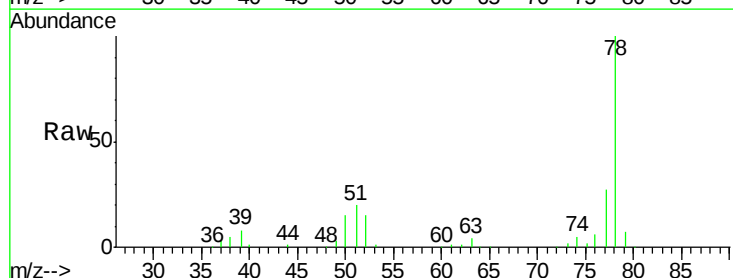
Manual Integrations
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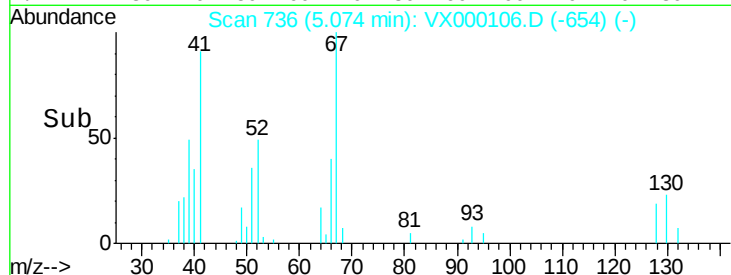
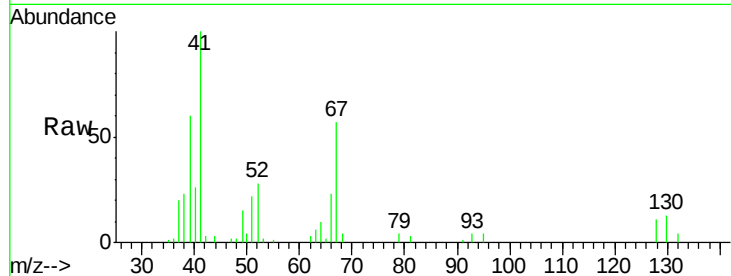
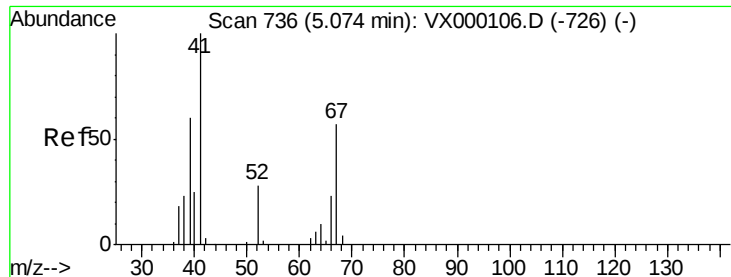
apatel
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#34
Benzene
Concen: 20.00 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000106.D
Acq: 20 Feb 2018 13:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	27.1	21.7	32.5
51	18.6	14.9	22.3





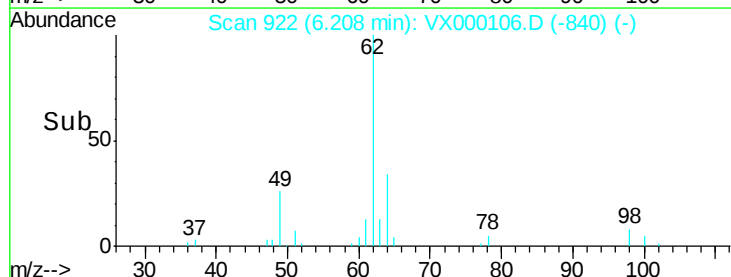
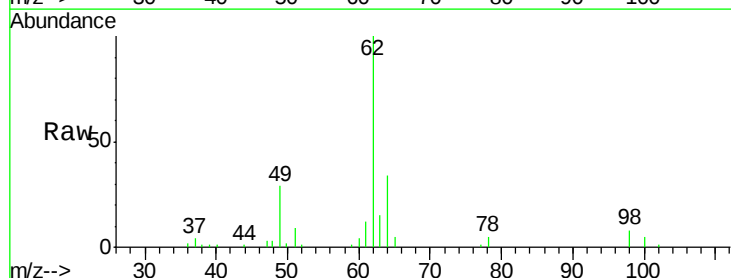
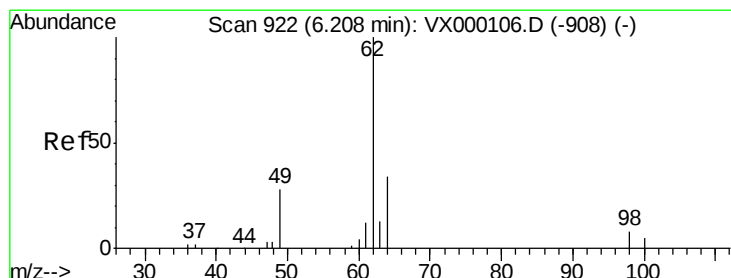
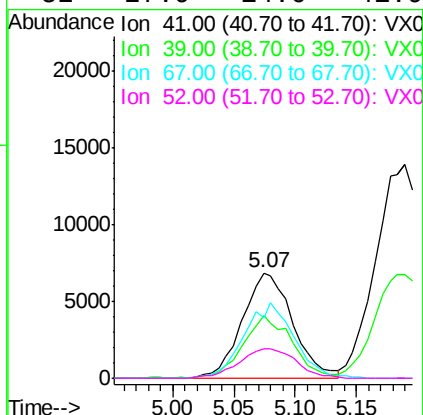
#35
Methacrylonitrile
Concen: 20.00 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX000106.D
Acq: 20 Feb 2018 13:52

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	59.5	29.8	89.3	
67	57.5	28.7	86.3	
52	27.9	14.0	41.9	

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

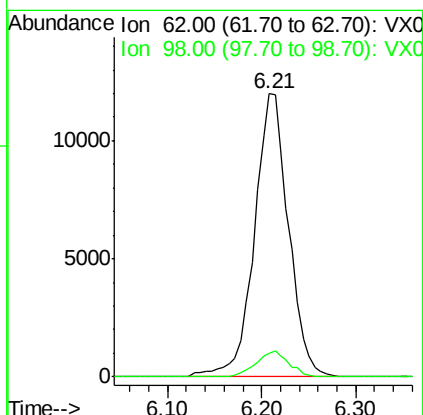
Manual Integrations
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#36
1,2-Dichloroethane
Concen: 20.00 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000106.D
Acq: 20 Feb 2018 13:52

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.6	6.9	10.3	





#37

Trichloroethene

Concen: 20.00 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX000106.D

Acq: 20 Feb 2018 13:52

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC020

Tot Ion:130 Resp: 23920

Ion Ratio Lower Upper

130 100

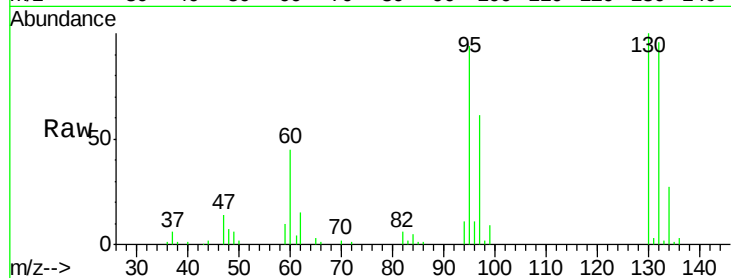
95 93.3 74.6 112.0

Manual Integrations

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.22

12000

10000

8000

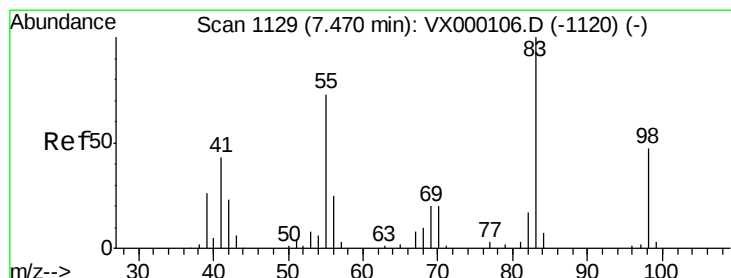
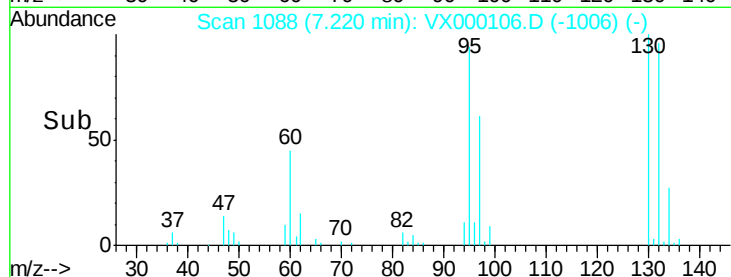
6000

4000

2000

0

Time-->



#38

Methylcyclohexane

Concen: 20.00 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. 0.00 min

Lab File: VX000106.D

Acq: 20 Feb 2018 13:52

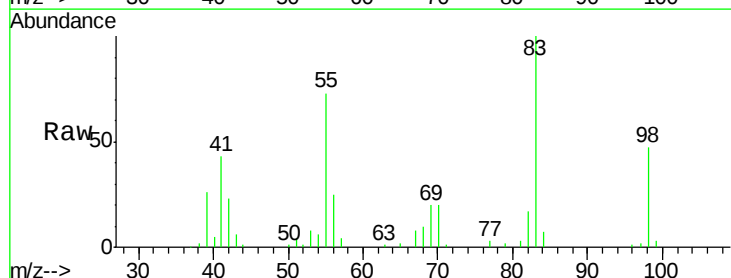
Tgt Ion: 83 Resp: 32439

Ion Ratio Lower Upper

83 100

55 71.8 35.9 107.7

98 49.3 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

7.47

20000

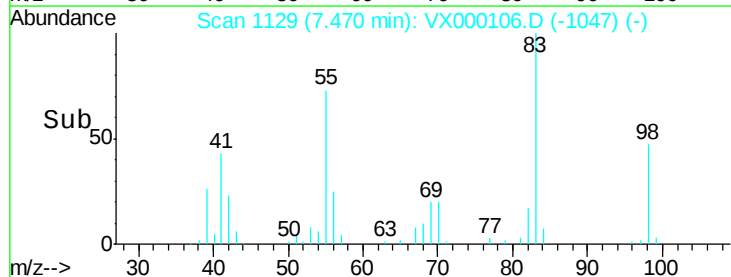
15000

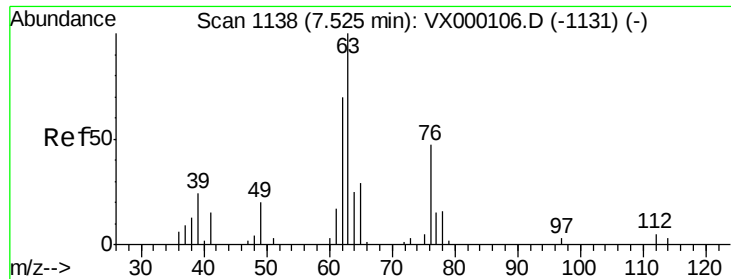
10000

5000

0

Time-->





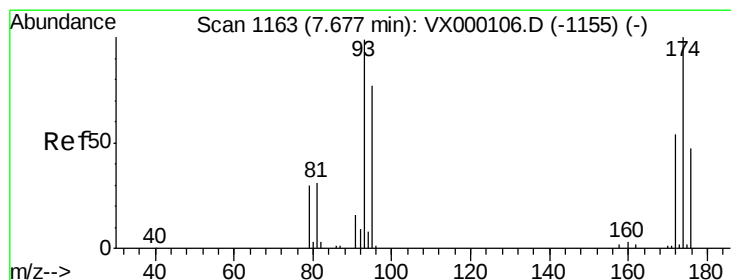
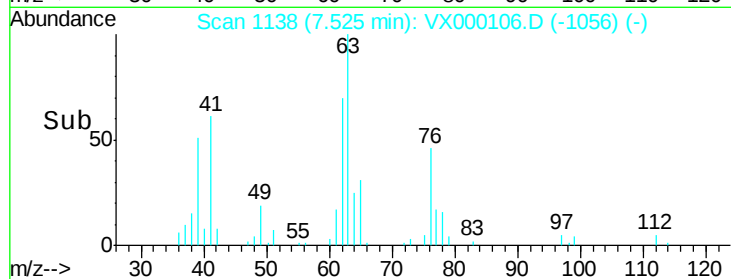
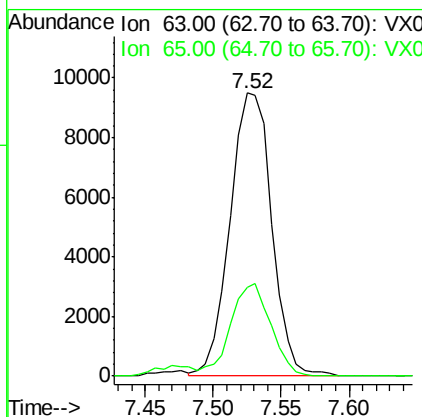
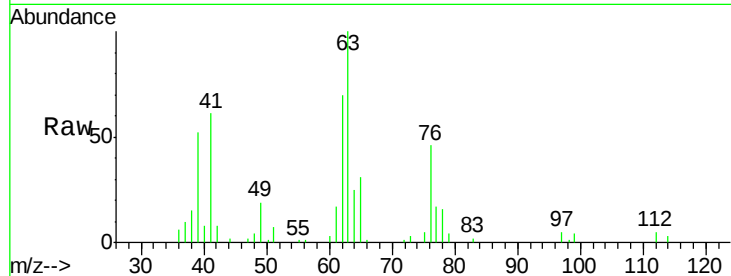
#39
 1,2-Dichloropropane
 Concen: 20.00 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX000106.D
 Acq: 20 Feb 2018 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion: 63 Resp: 20335
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.0 37.6

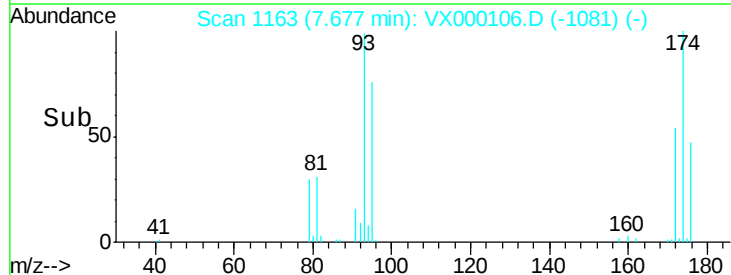
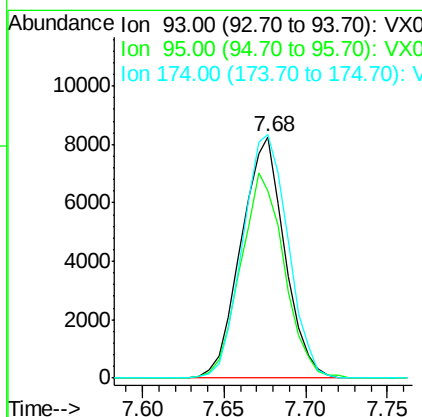
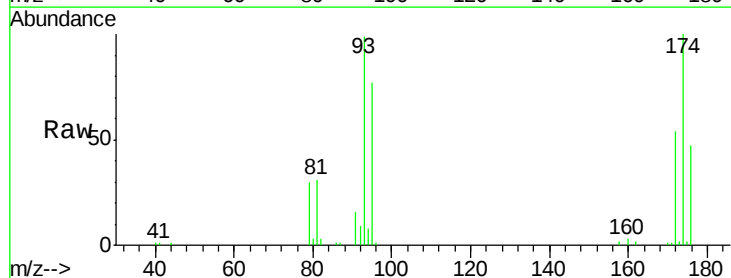
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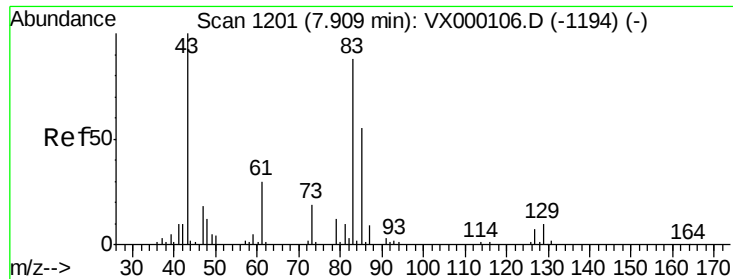
apatel
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#40
 Dibromomethane
 Concen: 20.00 ug/l
 RT: 7.68 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: VX000106.D
 Acq: 20 Feb 2018 13:52

Tgt Ion: 93 Resp: 15283
 Ion Ratio Lower Upper
 93 100
 95 85.3 0.0 170.6
 174 105.2 0.0 210.4





#41

Bromodichloromethane

Concen: 20.00 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000106.D

Acq: 20 Feb 2018 13:52

Instrument :

MSVOA_X

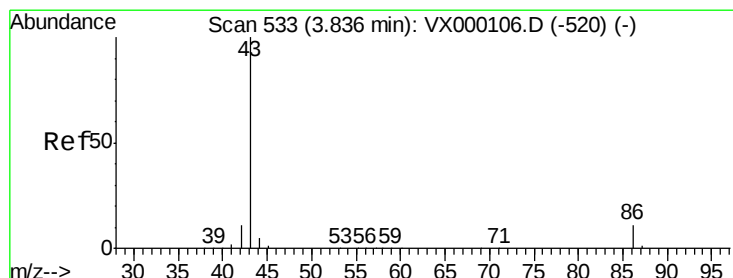
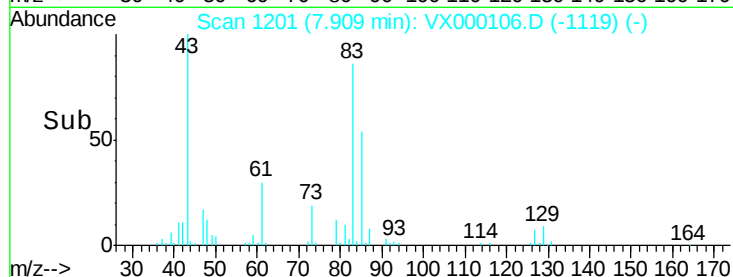
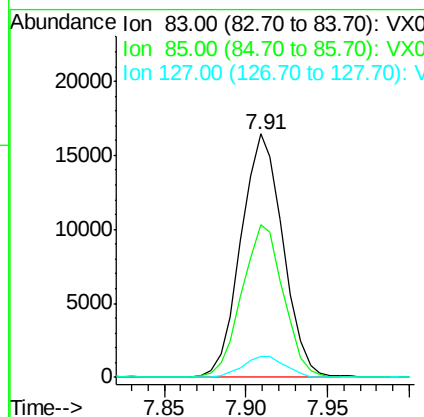
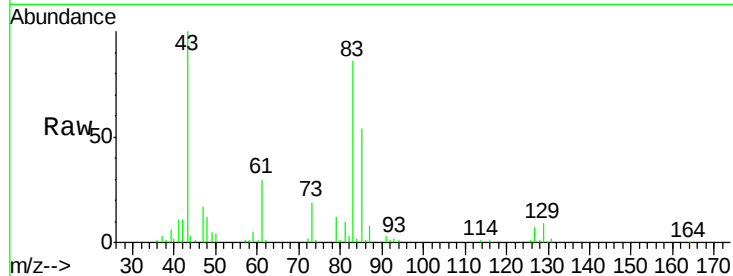
ClientSampled :

VSTDICCC020

Tot Ion:	83	Resp:	29481
Ion Ratio	Lower	Upper	
83	100		
85	62.5	50.0	75.0
127	8.3	6.6	10.0

Manual Integrations
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#42

Vinyl Acetate

Concen: 100.00 ug/l

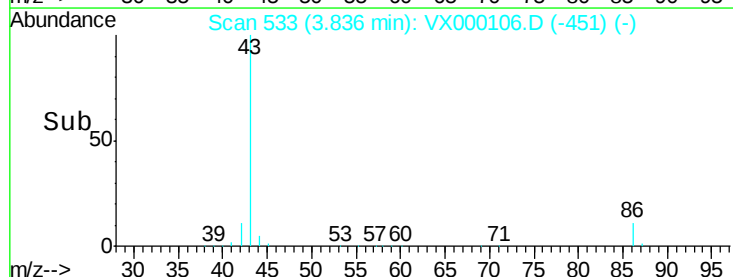
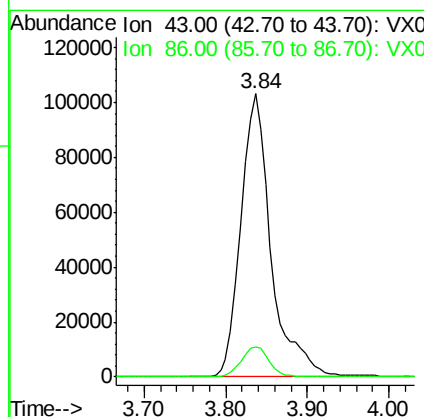
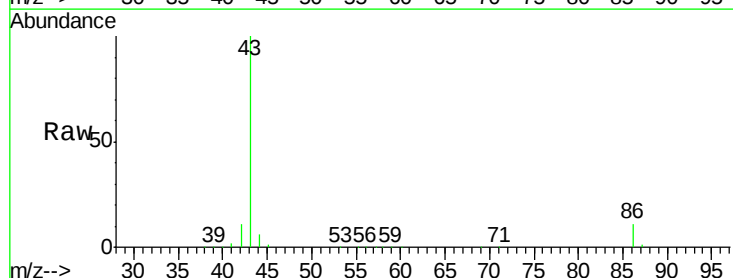
RT: 3.84 min Scan# 533

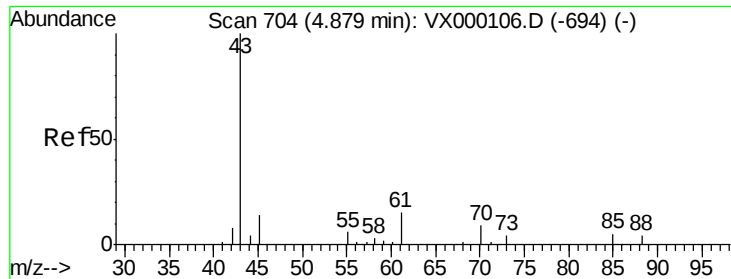
Delta R.T. 0.00 min

Lab File: VX000106.D

Acq: 20 Feb 2018 13:52

Tgt Ion:	43	Resp:	264501
Ion Ratio	Lower	Upper	
43	100		
86	9.7	7.8	11.6





#43

Ethyl Acetate

Concen: 20.00 ug/l

RT: 4.88 min Scan# 704

Delta R.T. 0.00 min

Lab File: VX000106.D

Acq: 20 Feb 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 43 Resp: 38449

Ion Ratio Lower Upper

43 100

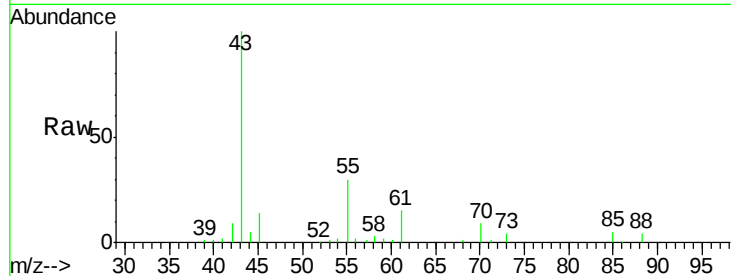
45 14.2 11.4 17.0

Manual Integrations

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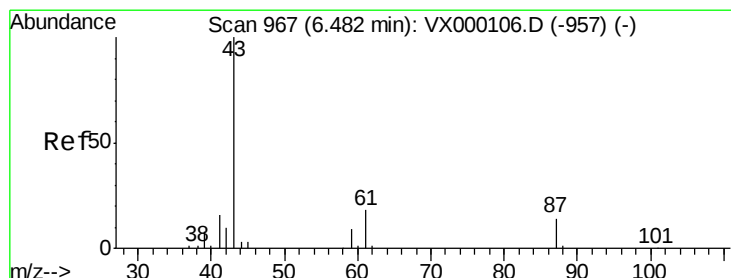
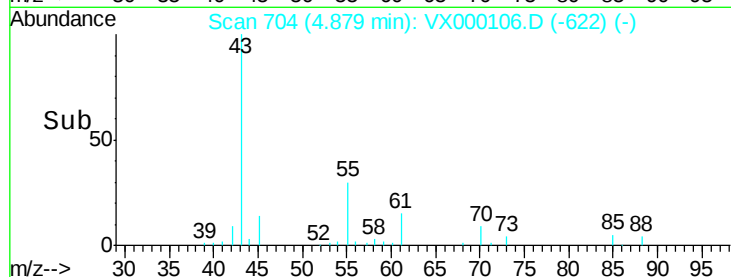
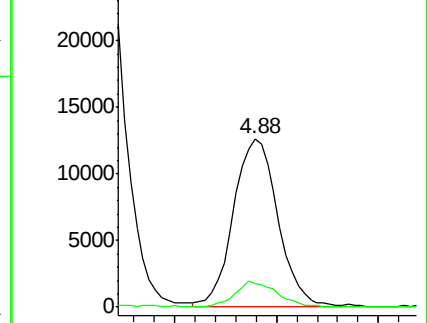
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 20.00 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.00 min

Lab File: VX000106.D

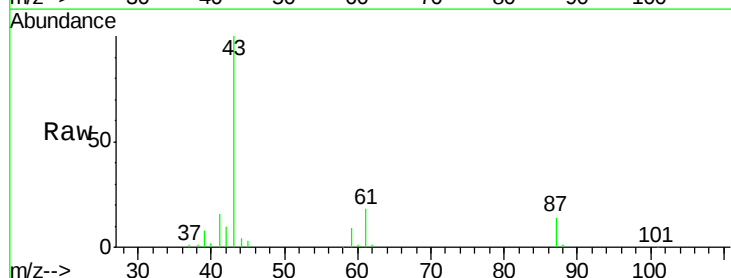
Acq: 20 Feb 2018 13:52

Tgt Ion: 43 Resp: 54916

Ion Ratio Lower Upper

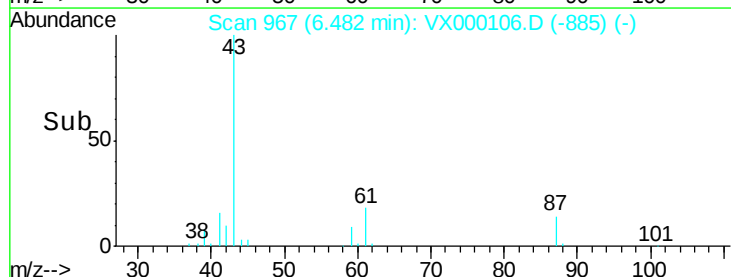
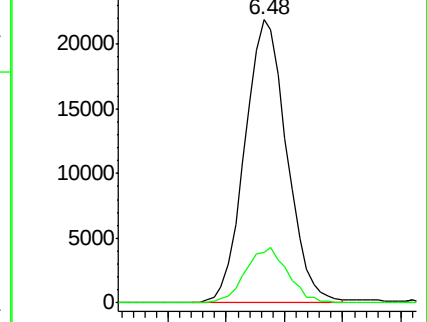
43 100

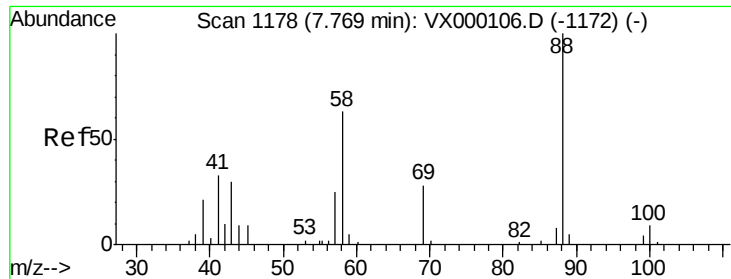
61 19.6 15.7 23.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





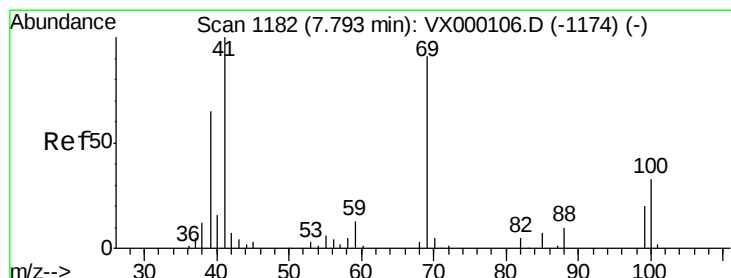
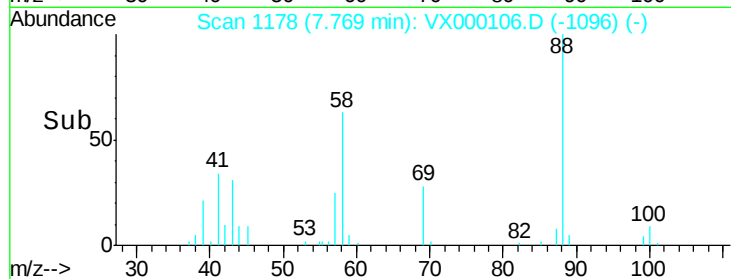
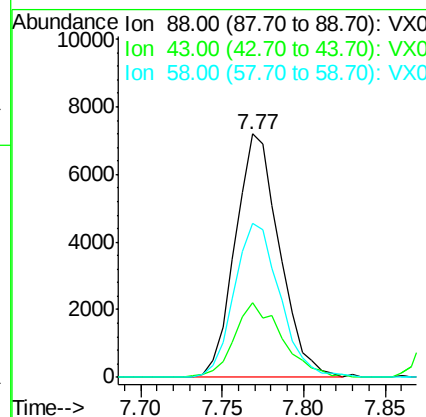
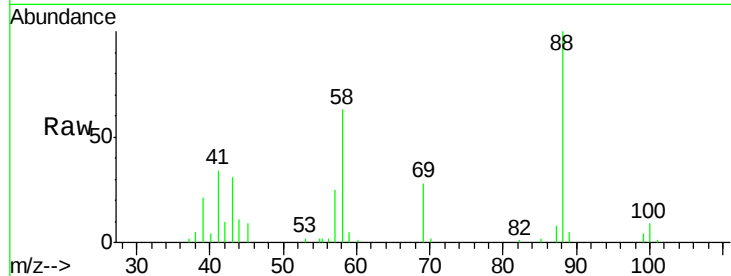
#45
1,4-Dioxane
Concen: 400.00 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VX000106.D
Acq: 20 Feb 2018 13:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.5	26.8	40.2
58	65.1	52.1	78.1

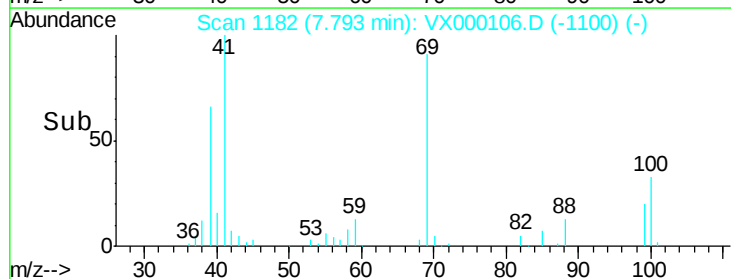
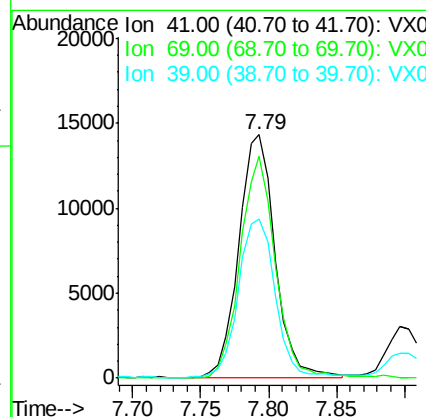
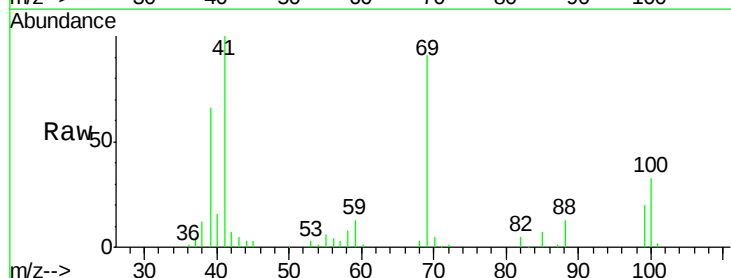
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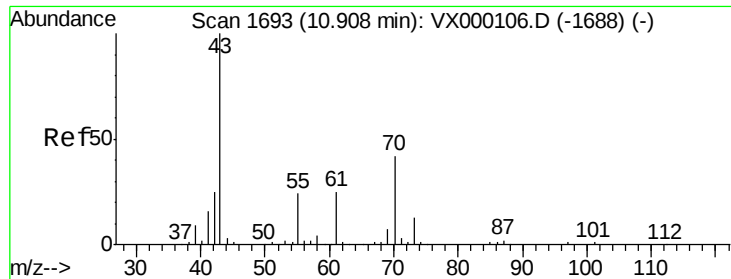
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#46
Methyl methacrylate
Concen: 20.00 ug/l
RT: 7.79 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VX000106.D
Acq: 20 Feb 2018 13:52

Tgt Ion	Ratio	Lower	Upper
41	100		
69	91.0	45.5	136.5
39	65.0	32.5	97.5





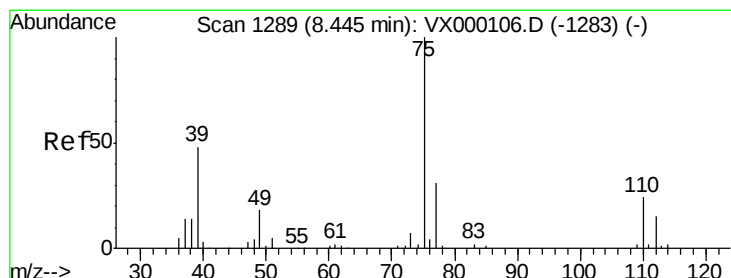
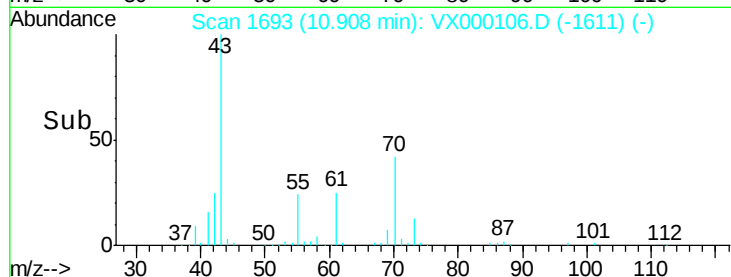
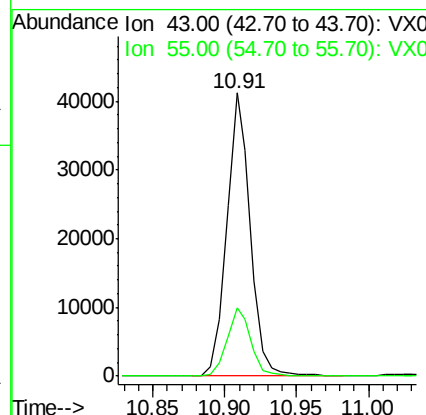
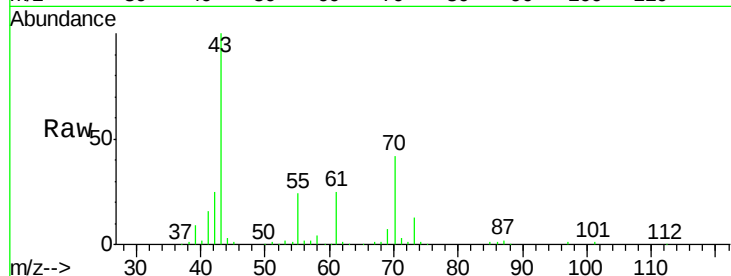
#47
 n-amvl Acetate
 Concen: 20.00 ug/l
 RT: 10.91 min Scan# 1693
 Delta R.T. 0.00 min
 Lab File: VX000106.D
 Acq: 20 Feb 2018 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
43	100		
55	24.3	19.4	29.2

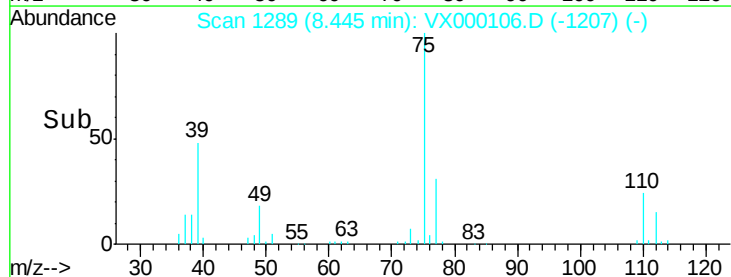
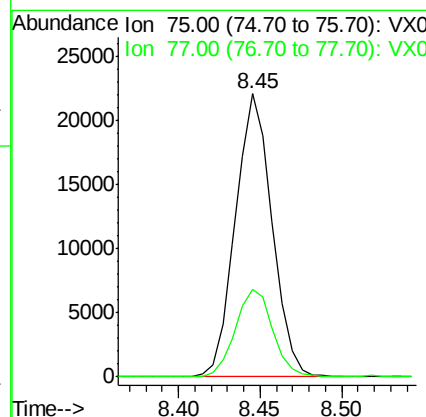
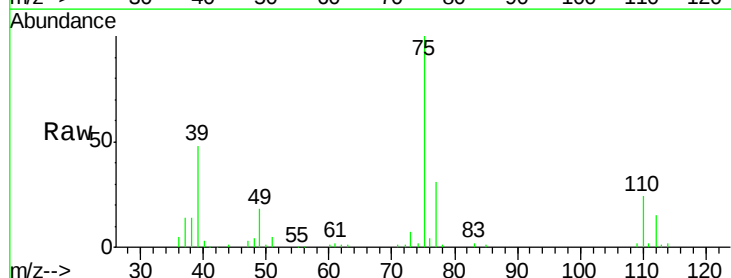
Manual Integrations
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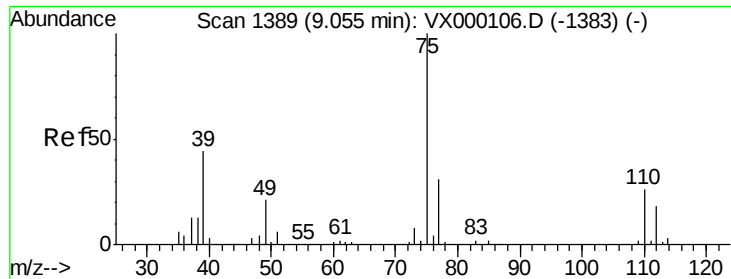
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#48
 t-1,3-Dichloropropene
 Concen: 20.00 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: VX000106.D
 Acq: 20 Feb 2018 13:52

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.8	24.6	37.0





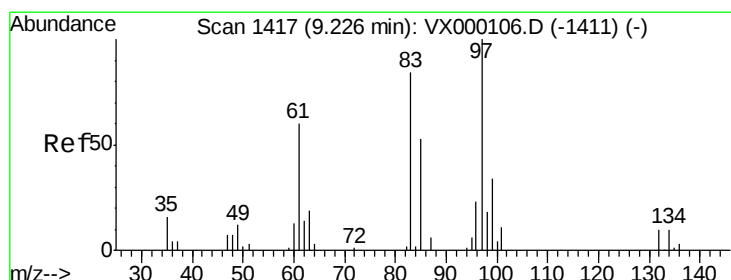
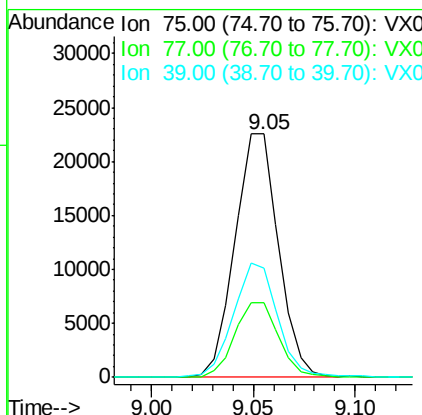
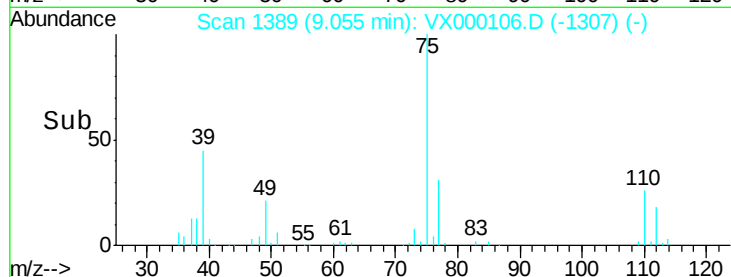
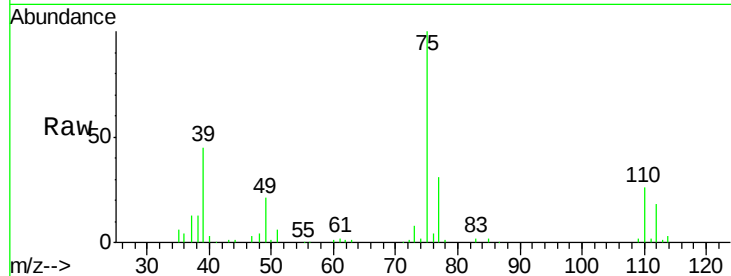
#49
 cis-1,3-Dichloropropene
 Concen: 20.00 ug/l
 RT: 9.05 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: VX000106.D
 Acq: 20 Feb 2018 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.6	24.5	36.7
39	44.5	35.6	53.4

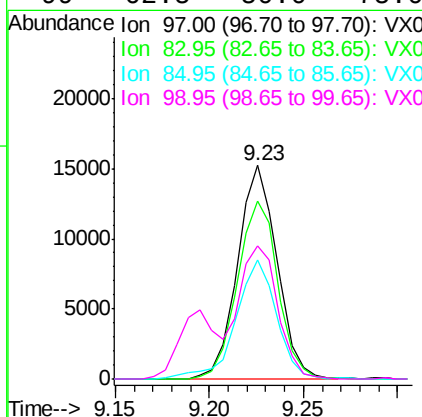
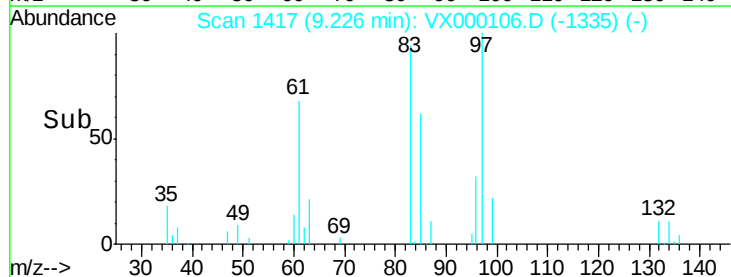
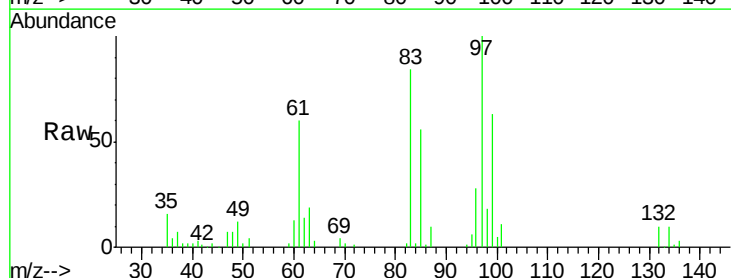
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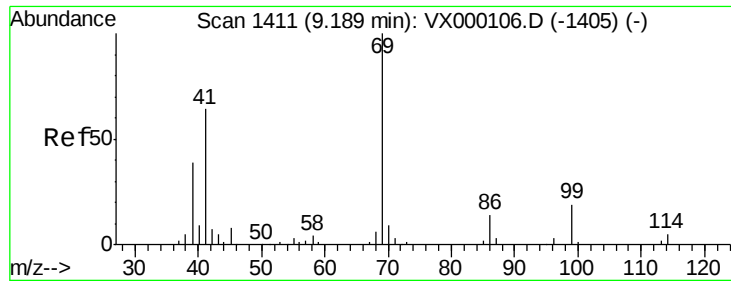
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#50
 1,1,2-Trichloroethane
 Concen: 20.00 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000106.D
 Acq: 20 Feb 2018 13:52

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.6	66.9	100.3
85	55.5	44.4	66.6
99	62.5	50.0	75.0





#51

Ethyl methacrylate

Concen: 20.00 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX000106.D

Acq: 20 Feb 2018 13:52

Instrument :

MSVOA_X

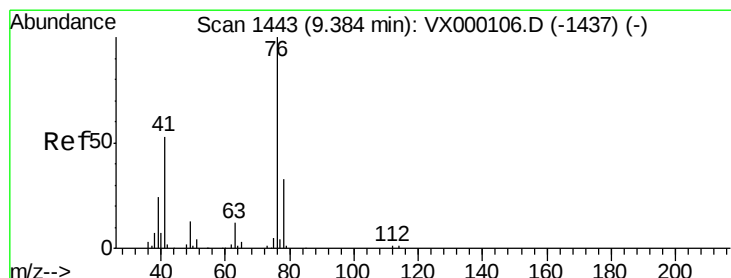
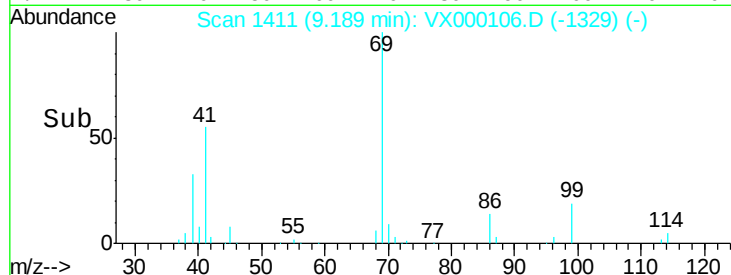
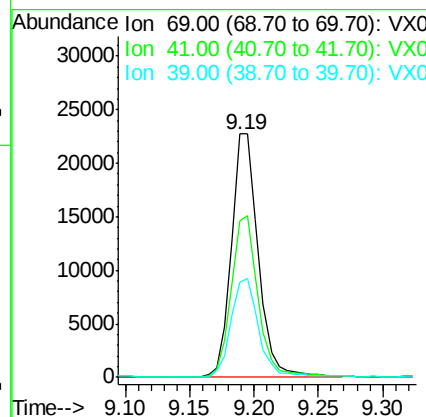
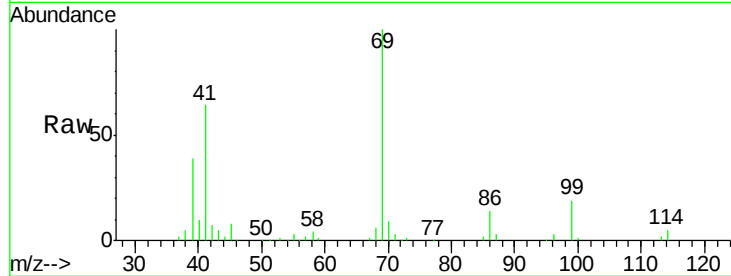
ClientSampleId :

VSTDICCC020

Tot Ion:	69	Resp:	33591
Ion Ratio	Lower	Upper	
69	100		
41	64.2	32.1	96.3
39	39.1	19.6	58.7

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 20.00 ug/l

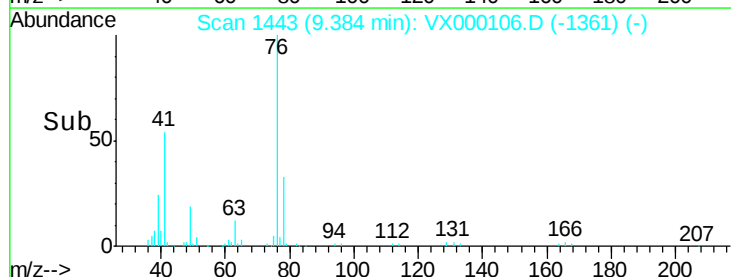
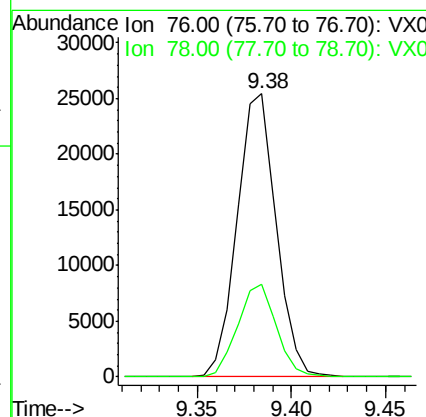
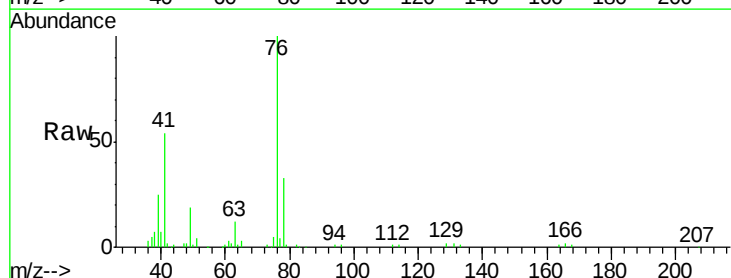
RT: 9.38 min Scan# 1443

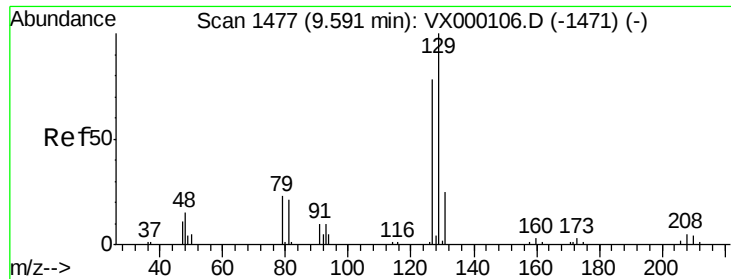
Delta R.T. 0.00 min

Lab File: VX000106.D

Acq: 20 Feb 2018 13:52

Tgt Ion:	76	Resp:	36651
Ion Ratio	Lower	Upper	
76	100		
78	32.5	0.0	65.0





#53

Dibromochloromethane

Concen: 20.00 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. 0.00 min

Lab File: VX000106.D

Acq: 20 Feb 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion:129 Resp: 24985

Ion Ratio Lower Upper

129 100

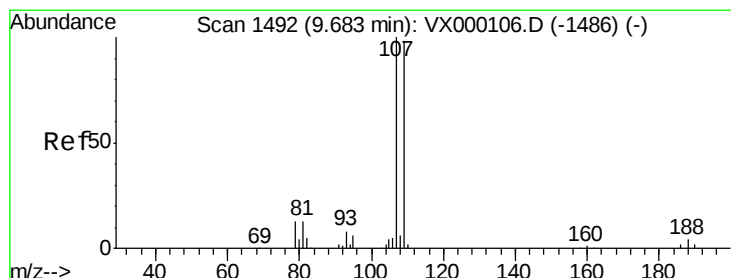
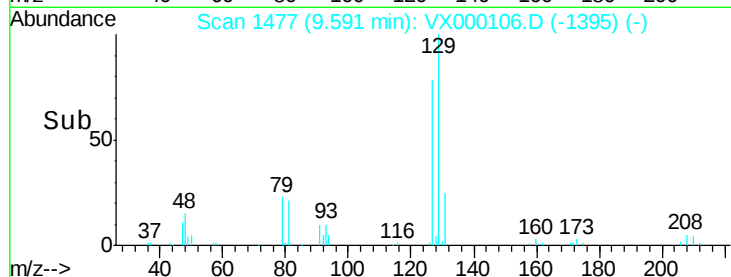
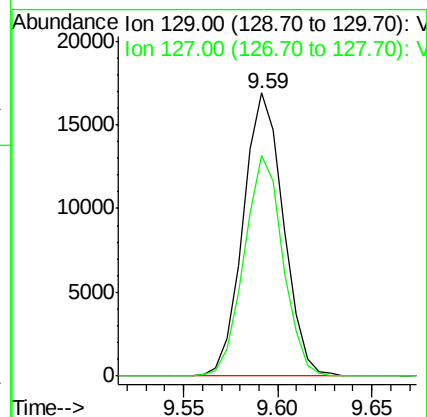
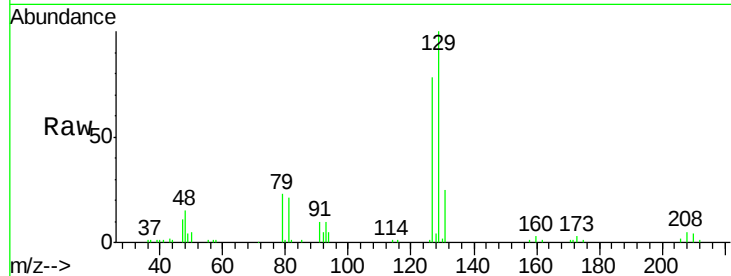
127 75.0 37.5 112.5

Manual Integrations

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#54

1,2-Dibromoethane

Concen: 20.00 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000106.D

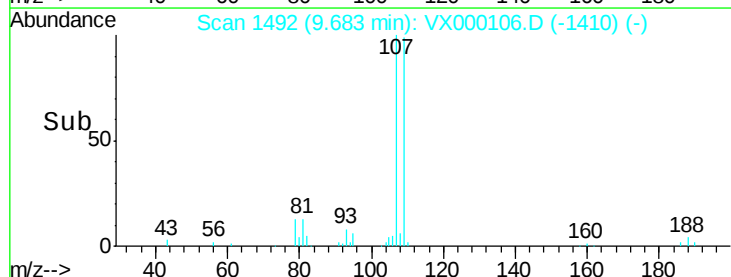
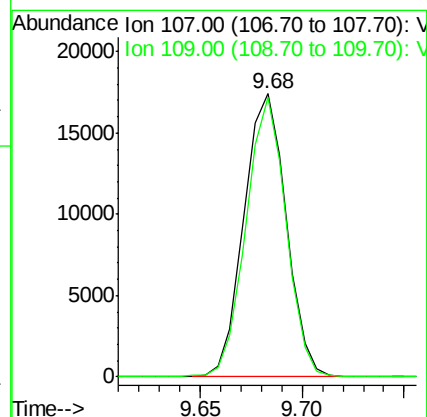
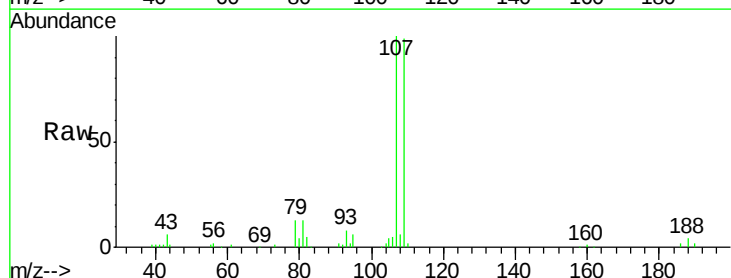
Acq: 20 Feb 2018 13:52

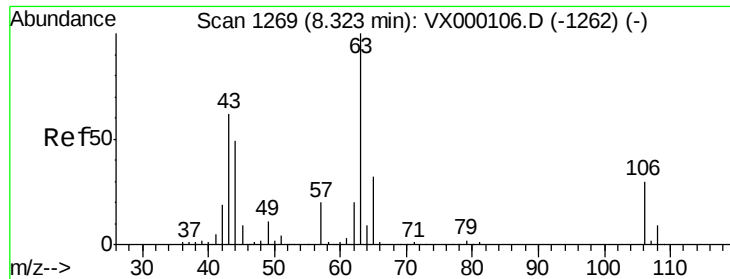
Tgt Ion:107 Resp: 25124

Ion Ratio Lower Upper

107 100

109 93.1 74.5 111.7





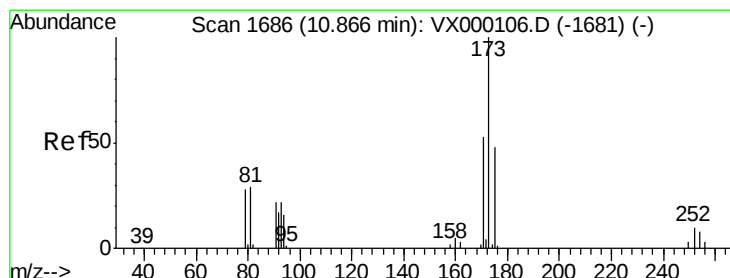
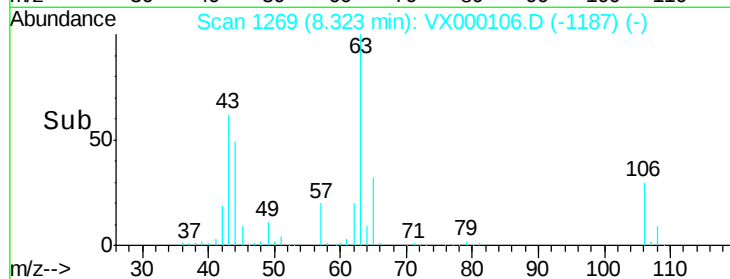
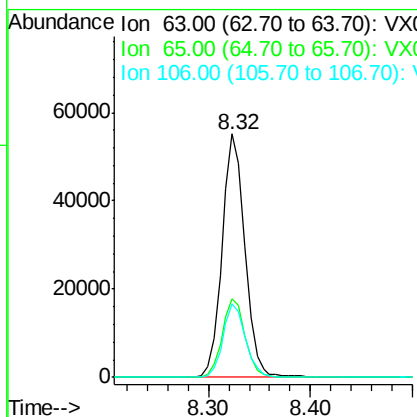
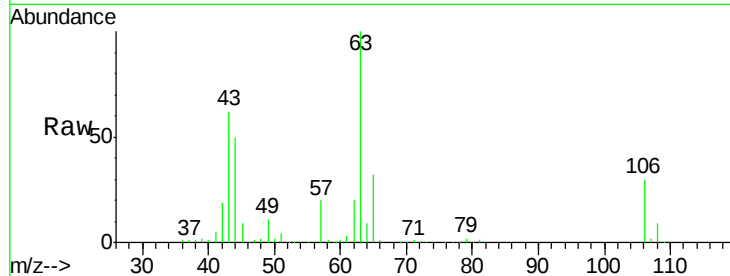
#55
2-Chloroethyl vinyl ether
Concen: 100.00 ug/l
RT: 8.32 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX000106.D
Acq: 20 Feb 2018 13:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.3	25.8	38.8
106	29.7	23.8	35.6

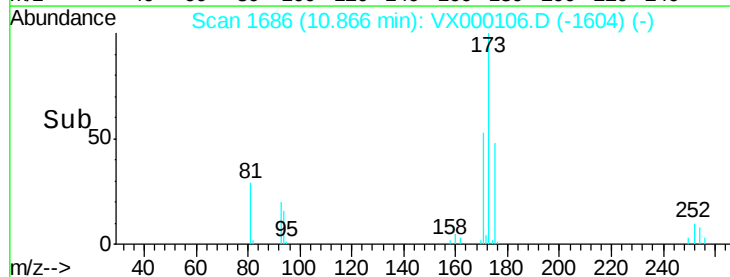
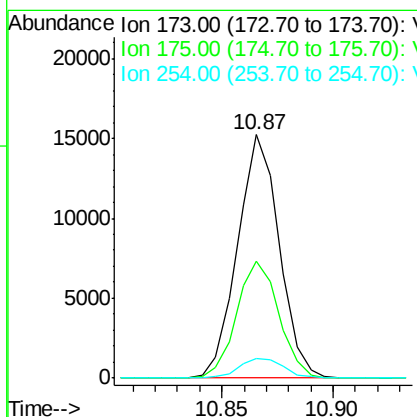
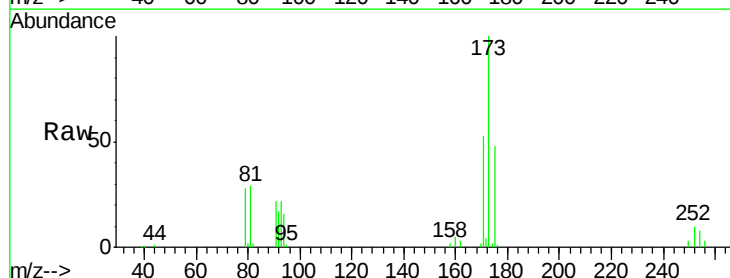
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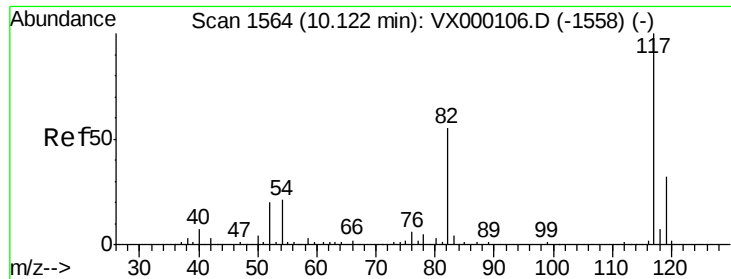
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#56
Bromoform
Concen: 20.00 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX000106.D
Acq: 20 Feb 2018 13:52

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.7	39.0	58.4
254	8.7	7.0	10.4





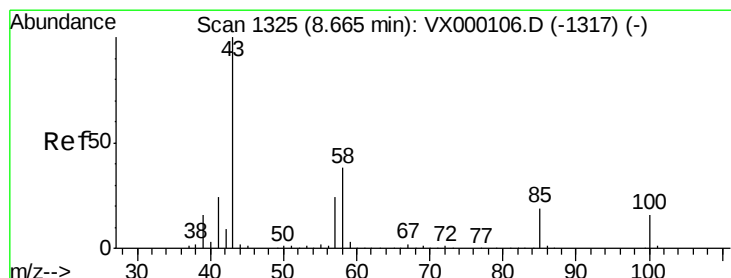
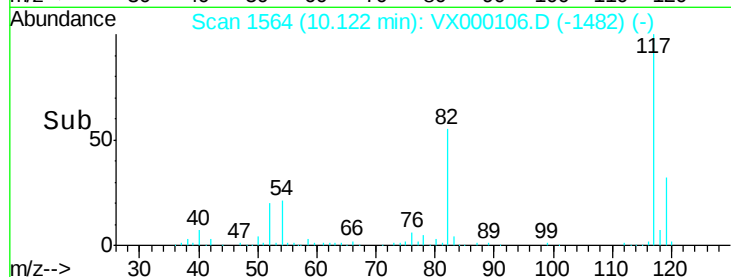
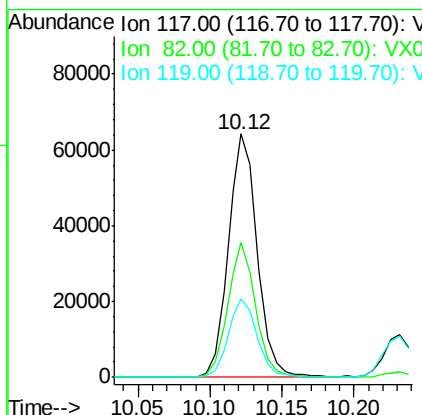
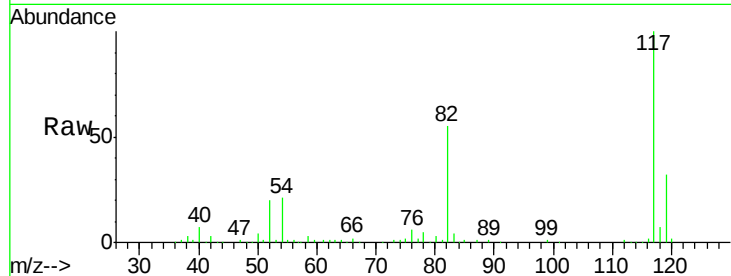
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000106.D
Acq: 20 Feb 2018 13:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.0	64.4
119	32.3	25.8	38.8

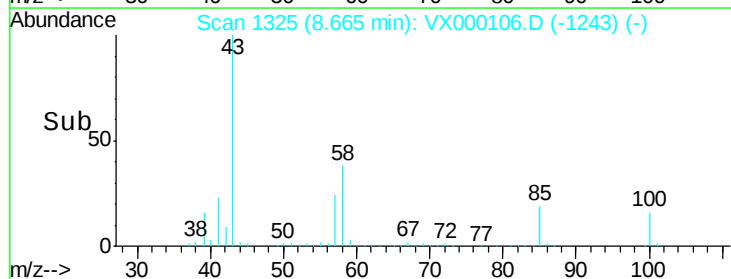
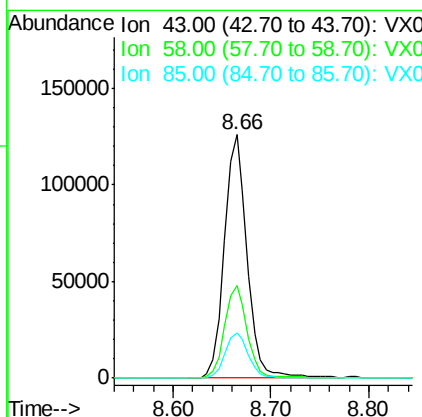
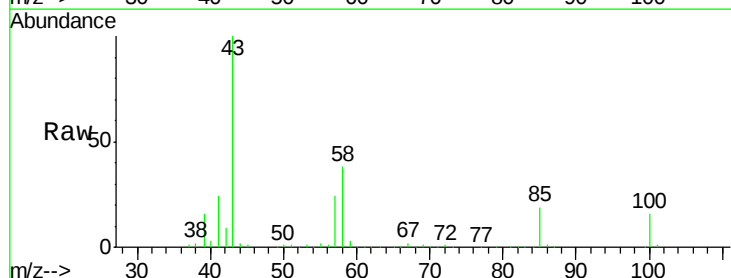
Manual Integrations
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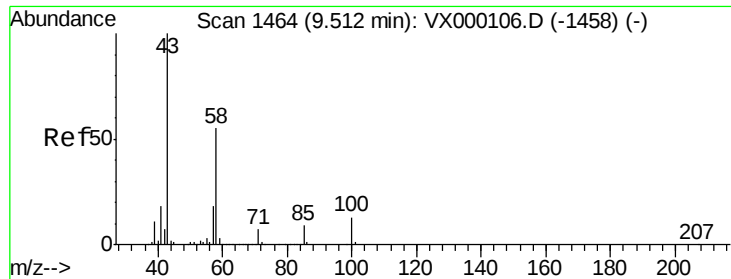
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#58
4-Methyl-2-Pentanone
Concen: 100.00 ug/l
RT: 8.66 min Scan# 1325
Delta R.T. 0.00 min
Lab File: VX000106.D
Acq: 20 Feb 2018 13:52

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.3	29.8	44.8
85	18.6	14.9	22.3





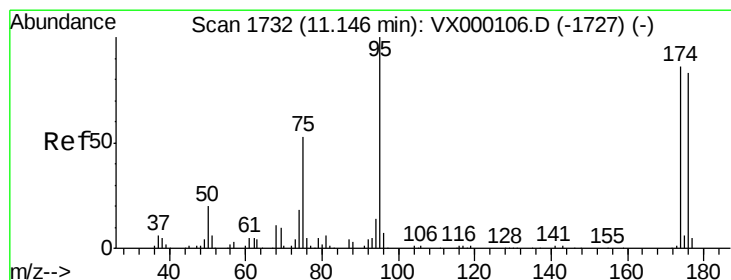
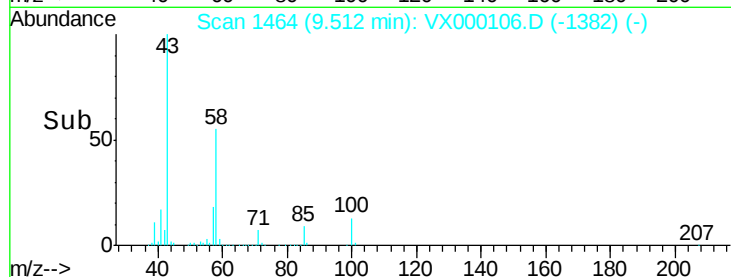
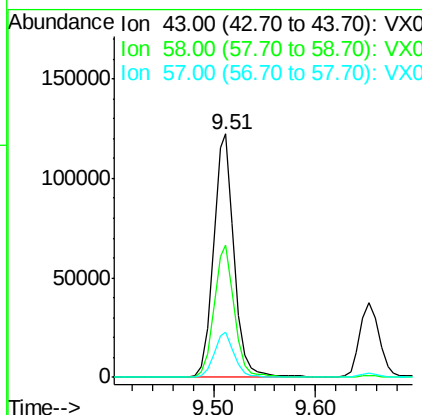
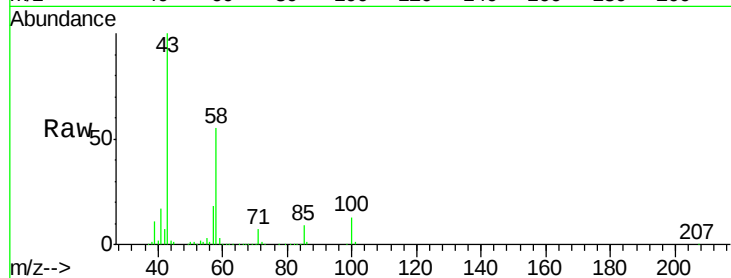
#59
2-Hexanone
Concen: 100.00 ug/l
RT: 9.51 min Scan# 1464
Delta R.T. 0.00 min
Lab File: VX000106.D
Acq: 20 Feb 2018 13:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.8	43.0	64.6
57	18.0	14.4	21.6

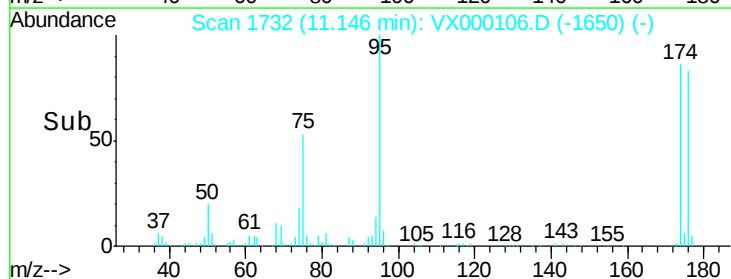
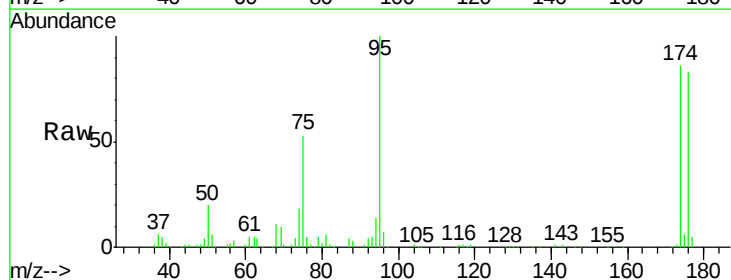
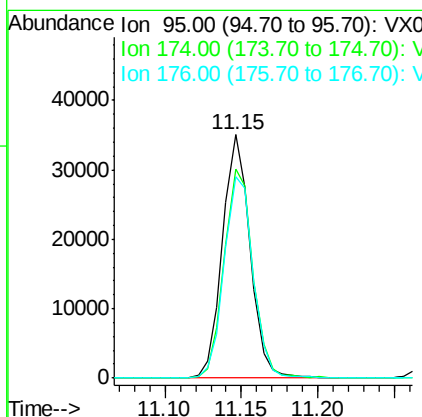
Manual Integrations
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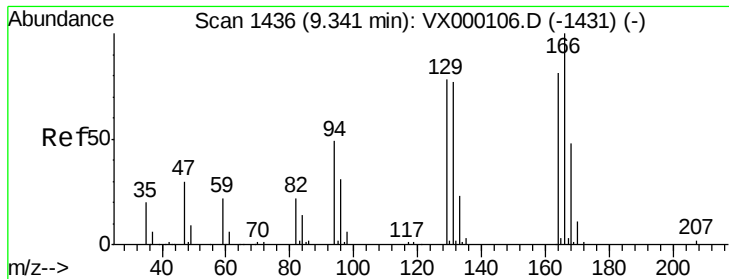
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#60
4-Bromofluorobenzene
Concen: 30.00 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000106.D
Acq: 20 Feb 2018 13:52

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.9	71.1	106.7
176	86.6	69.3	103.9





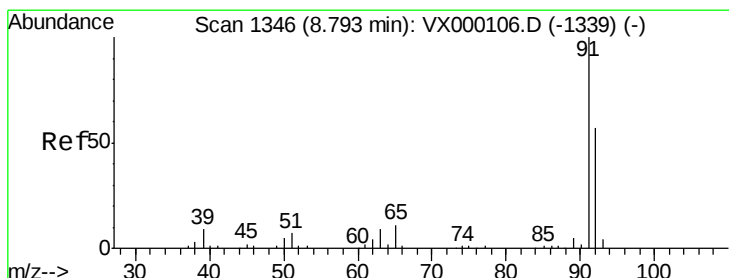
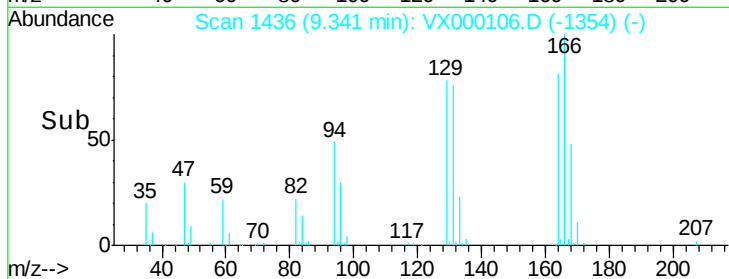
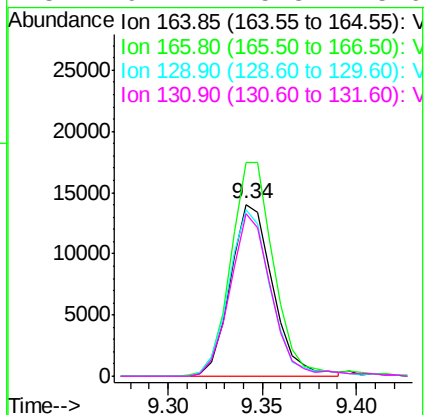
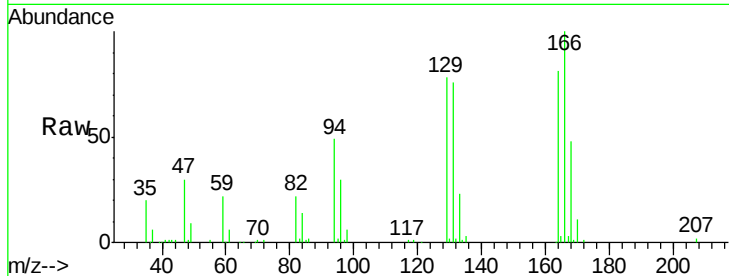
#61
 Tetrachloroethene
 Concen: 20.00 ug/l
 RT: 9.34 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: VX000106.D
 Acq: 20 Feb 2018 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion:	164	Resp:	21937
Ion	Ratio	Lower	Upper
164	100		
166	123.7	99.0	148.4
129	96.3	77.0	115.6
131	94.7	75.8	113.6

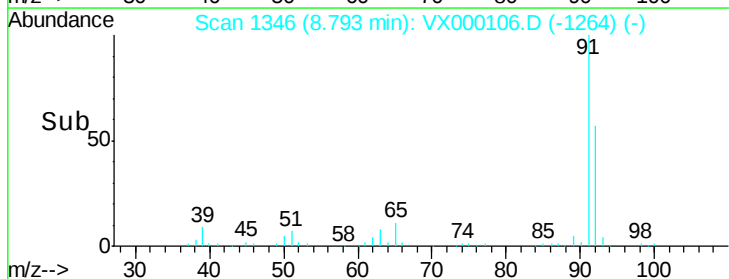
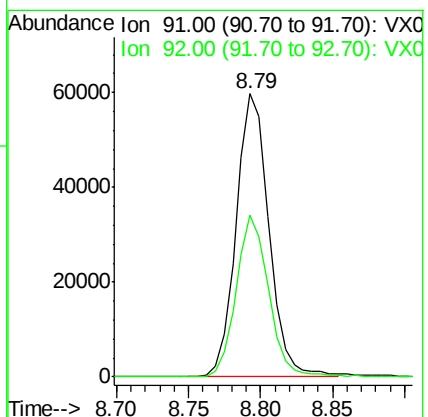
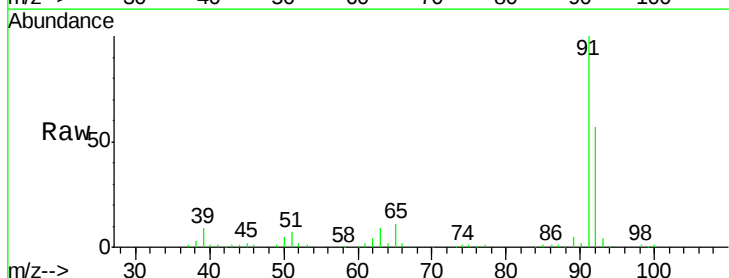
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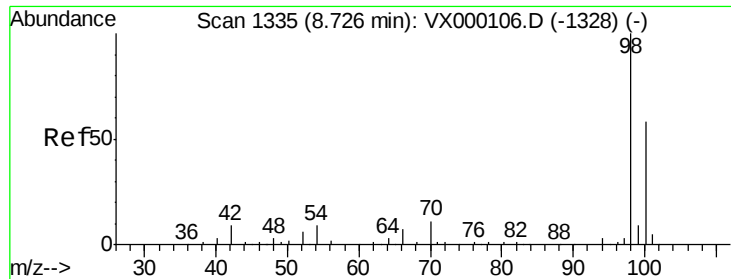
apatel
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#62
 Toluene
 Concen: 20.00 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VX000106.D
 Acq: 20 Feb 2018 13:52

Tgt Ion:	91	Resp:	94824
Ion	Ratio	Lower	Upper
91	100		
92	56.7	45.4	68.0





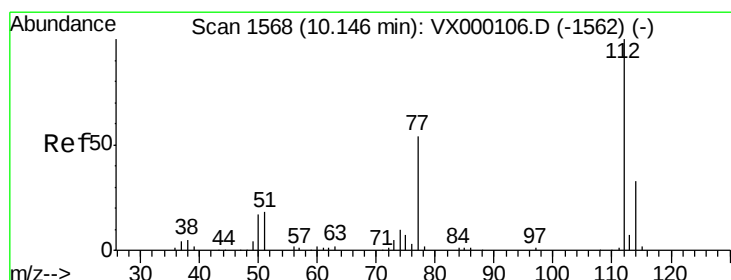
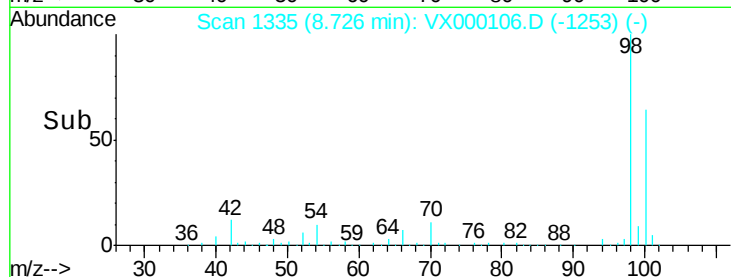
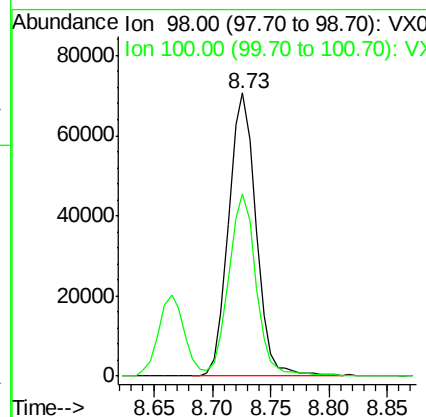
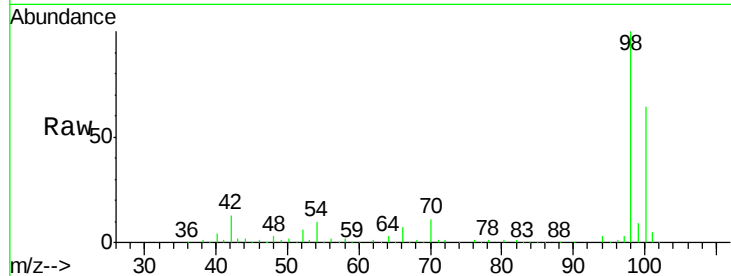
#63
Toluene-d8
Concen: 30.00 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000106.D
Acq: 20 Feb 2018 13:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion: 98 Resp: 116103
Ion Ratio Lower Upper
98 100
100 62.5 50.0 75.0

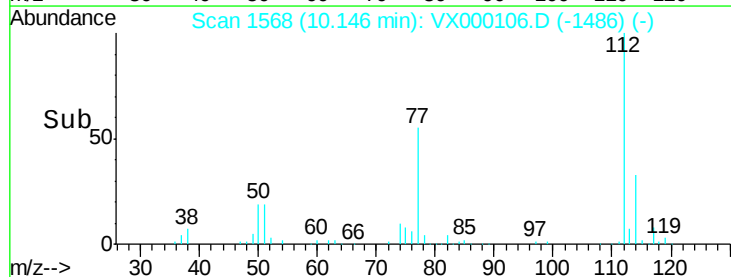
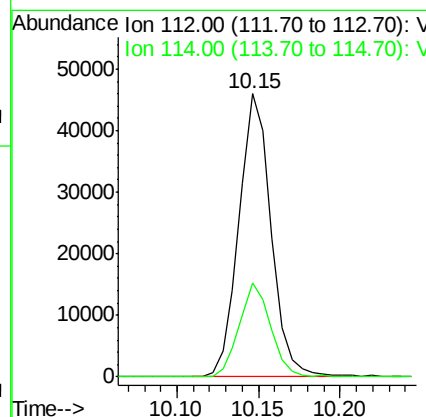
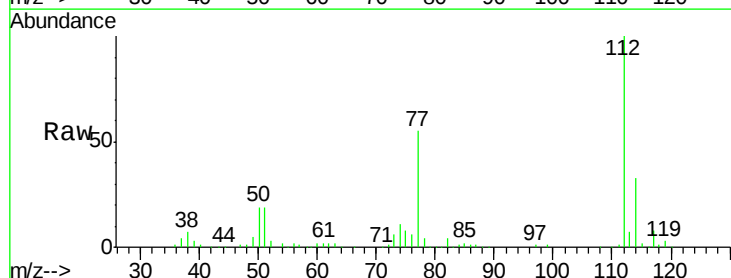
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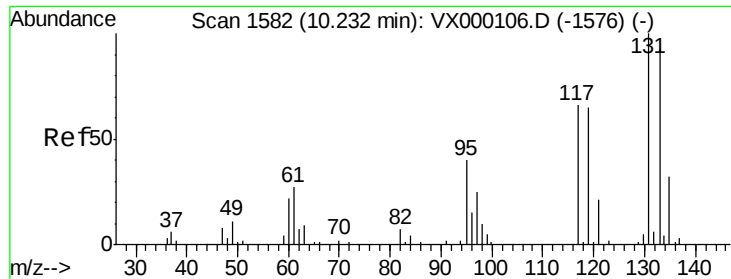
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#64
Chlorobenzene
Concen: 20.00 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000106.D
Acq: 20 Feb 2018 13:52

Tgt Ion: 112 Resp: 63234
Ion Ratio Lower Upper
112 100
114 33.0 26.4 39.6





#65

1,1,1,2-Tetrachloroethane

Concen: 20.00 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. 0.00 min

Lab File: VX000106.D

Acq: 20 Feb 2018 13:52

Instrument :

MSVOA_X

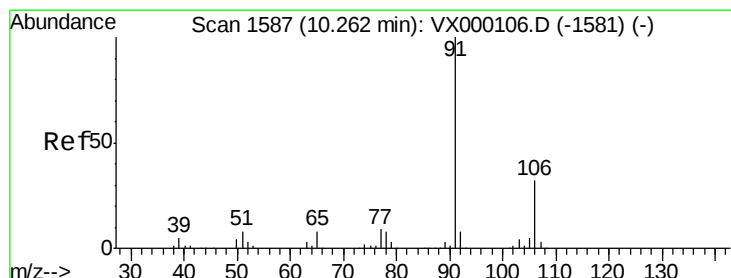
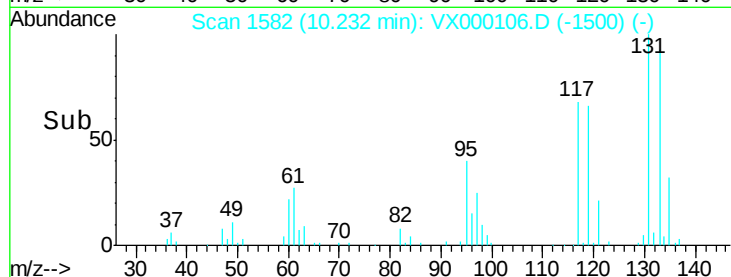
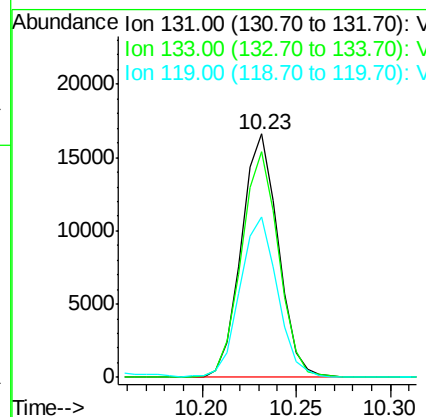
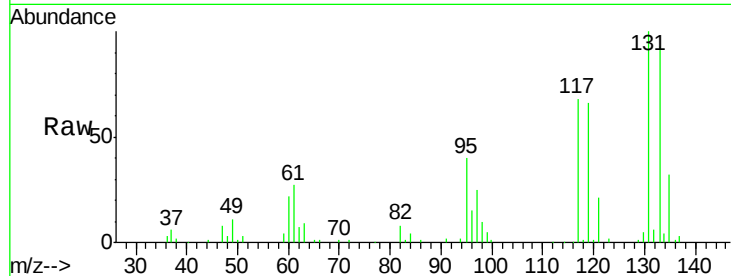
ClientSampleId :

VSTDICCC020

Tot Ion	Ratio	Lower	Upper
131	100		
133	93.8	0.0	187.6
119	67.0	0.0	134.0

Manual Integrations
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#66

Ethyl Benzene

Concen: 20.00 ug/l

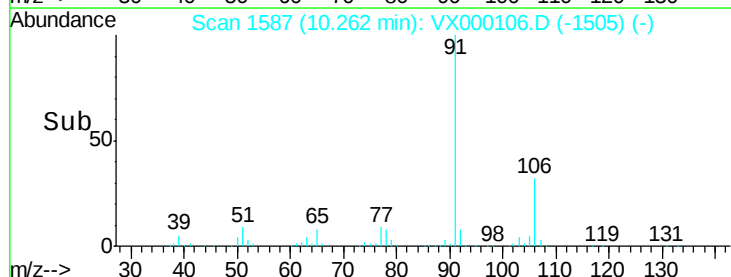
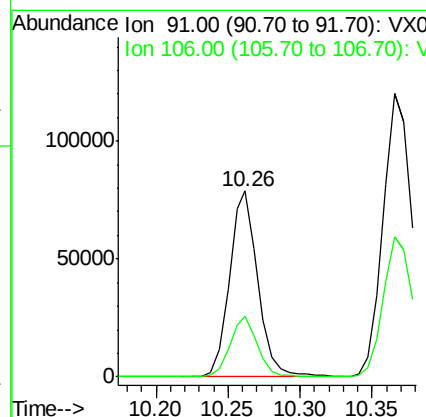
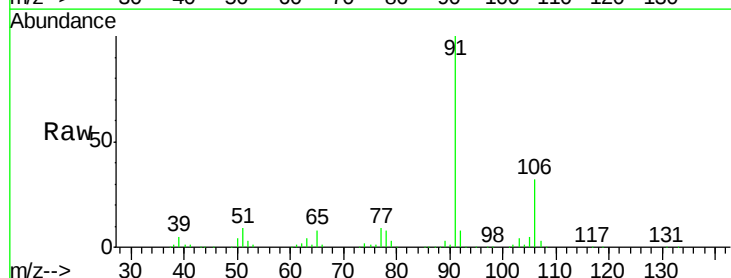
RT: 10.26 min Scan# 1587

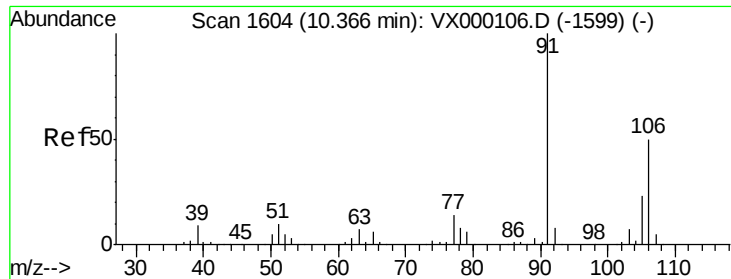
Delta R.T. 0.00 min

Lab File: VX000106.D

Acq: 20 Feb 2018 13:52

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.4	25.9	38.9





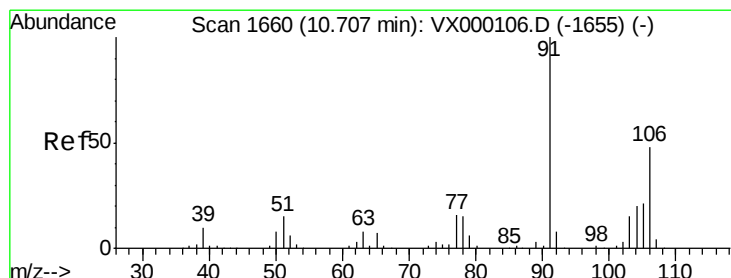
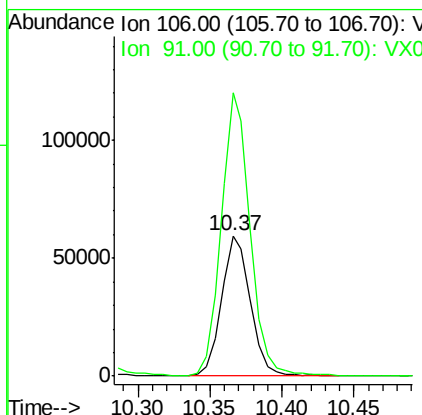
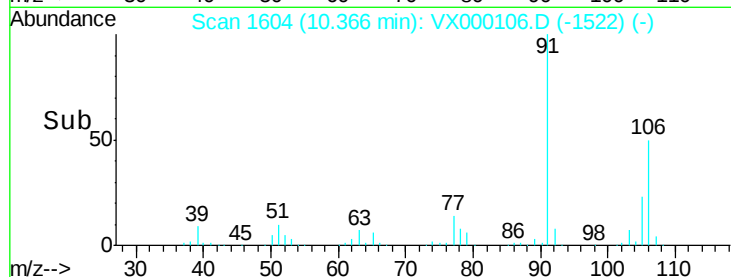
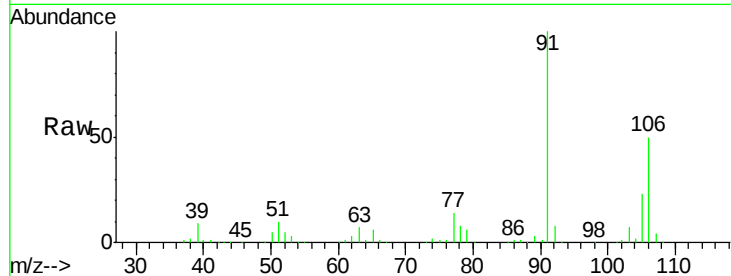
#67
m/p-Xvlenes
Concen: 40.00 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000106.D
Acq: 20 Feb 2018 13:52

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC020

Tot Ion:106 Resp: 83554
Ion Ratio Lower Upper
106 100
91 202.0 161.6 242.4

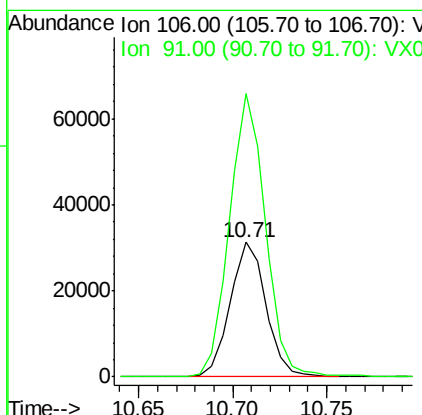
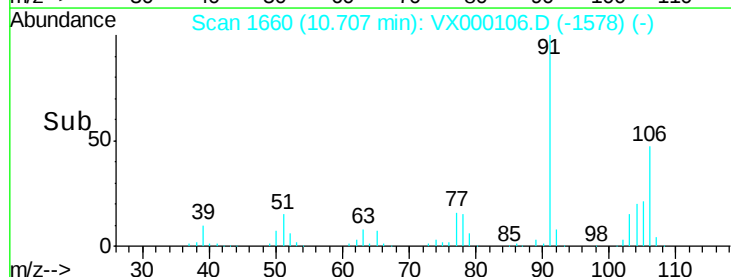
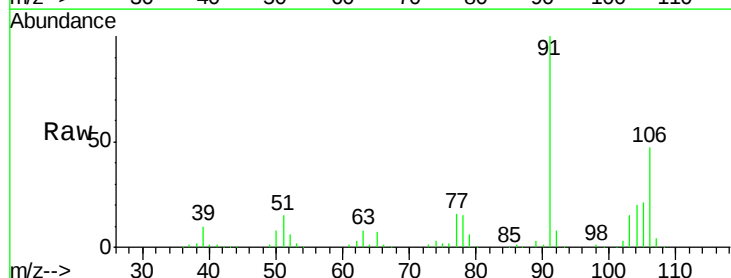
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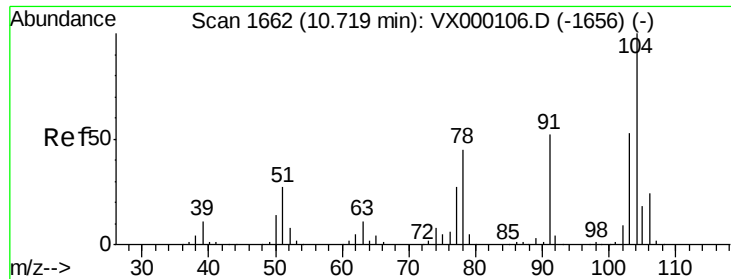
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#68
o-Xylene
Concen: 20.00 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000106.D
Acq: 20 Feb 2018 13:52

Tgt Ion:106 Resp: 41237
Ion Ratio Lower Upper
106 100
91 211.2 105.6 316.8





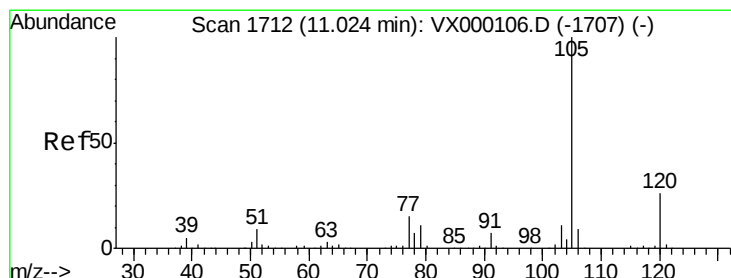
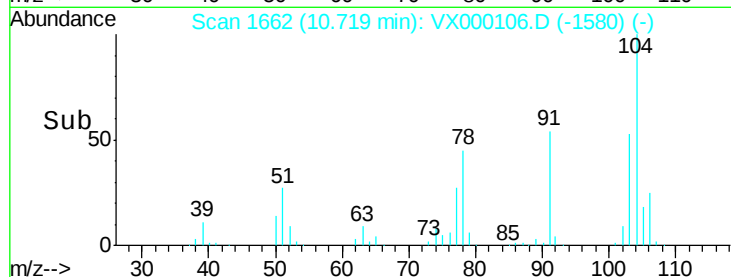
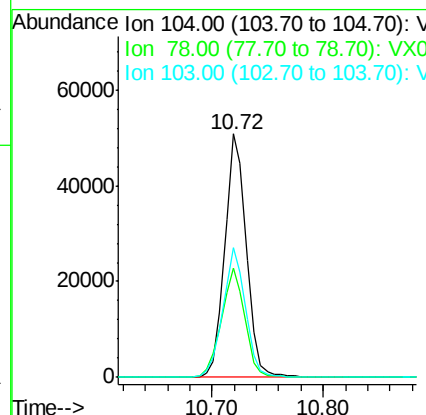
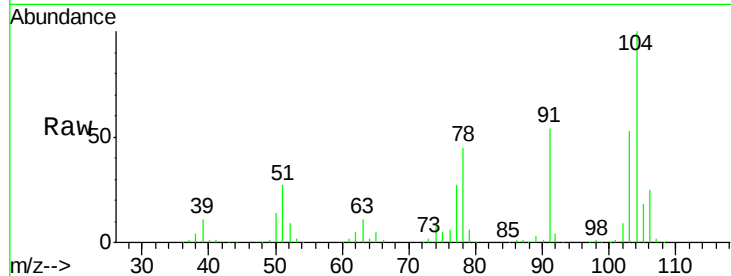
#69
Stvrene
Concen: 20.00 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000106.D
Acq: 20 Feb 2018 13:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.7	39.0	58.4
103	55.9	44.7	67.1

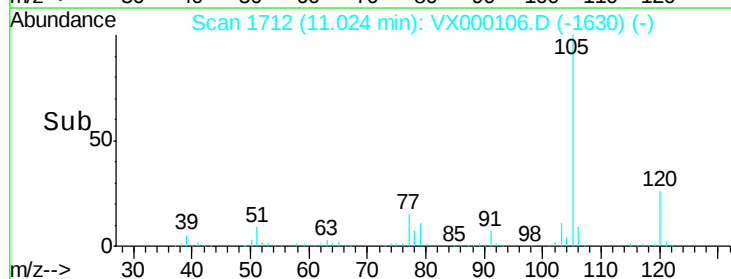
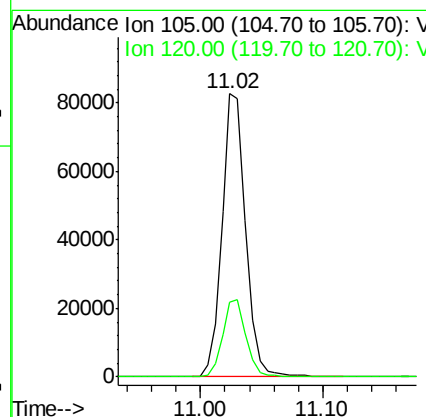
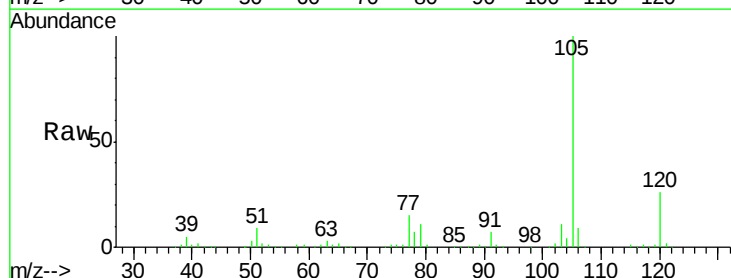
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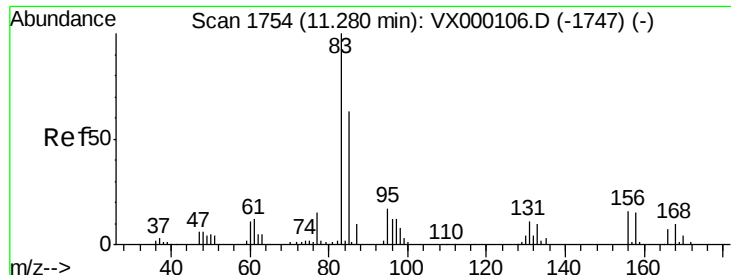
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#70
Isopropylbenzene
Concen: 20.00 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX000106.D
Acq: 20 Feb 2018 13:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.9	18.8	35.0





#71

1,1,2,2-Tetrachloroethane

Concen: 20.00 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VX000106.D

Acq: 20 Feb 2018 13:52

Instrument :

MSVOA_X

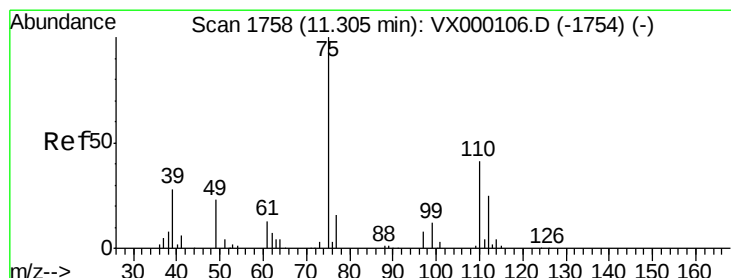
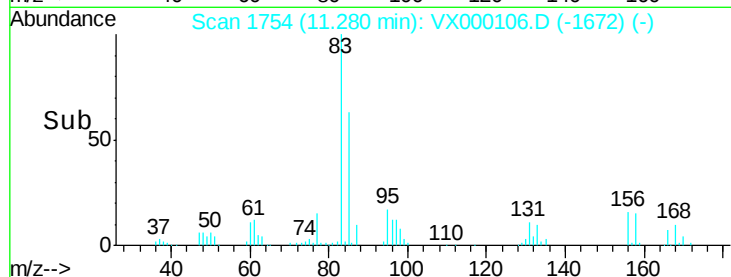
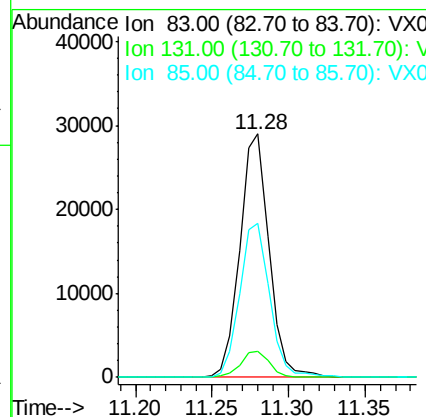
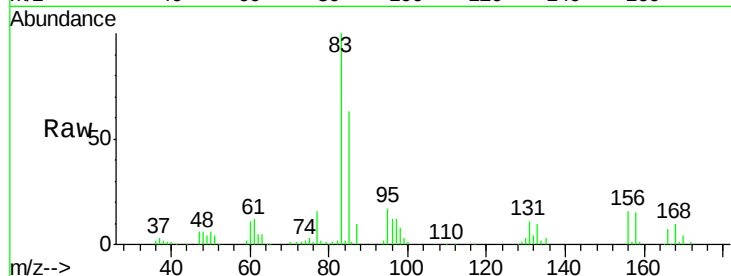
ClientSampleId :

VSTDICCC020

Tot Ion:	83	Resp:	38395
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.3	16.1
85	65.0	32.5	97.5

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#72

1,2,3-Trichloropropane

Concen: 20.00 ug/l m

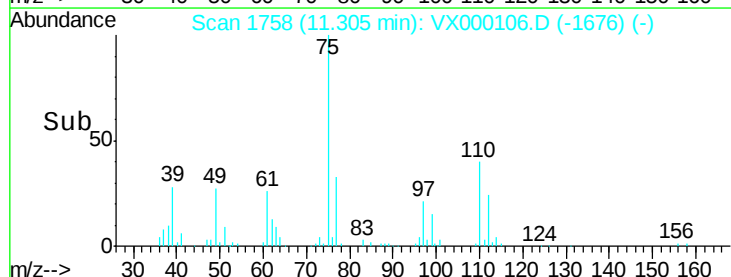
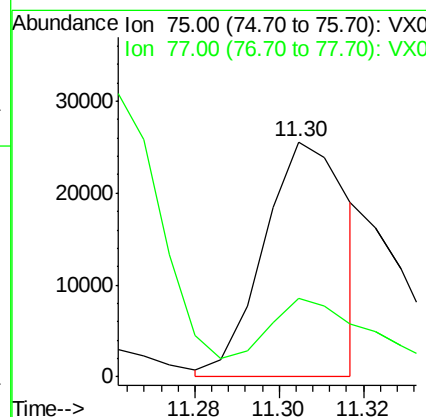
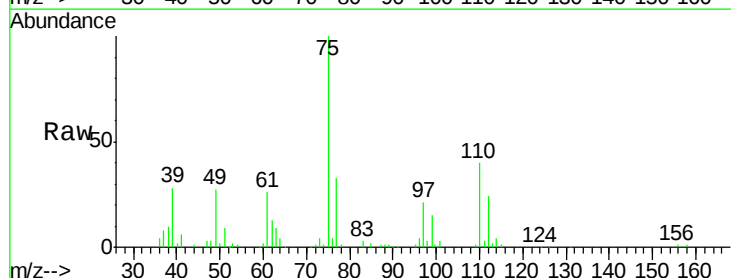
RT: 11.30 min Scan# 1758

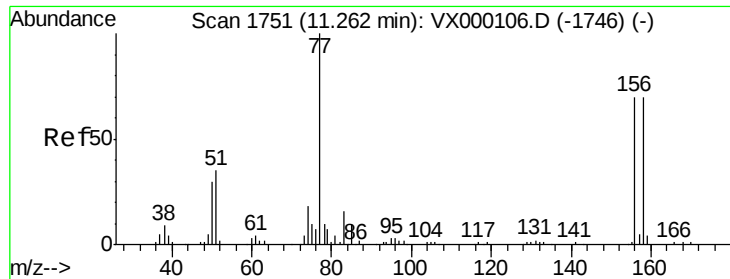
Delta R.T. 0.00 min

Lab File: VX000106.D

Acq: 20 Feb 2018 13:52

Tgt Ion:	75	Resp:	35271
Ion Ratio	Lower	Upper	
75	100		
77	42.9	0.0	85.8





#73

Bromobenzene

Concen: 20.00 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000106.D

Acq: 20 Feb 2018 13:52

Instrument :

MSVOA_X

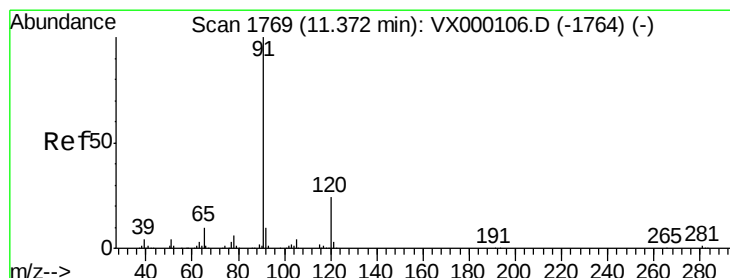
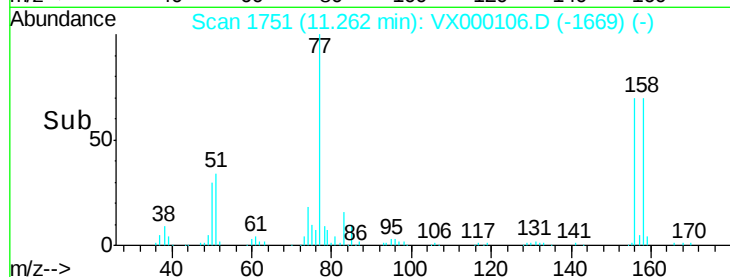
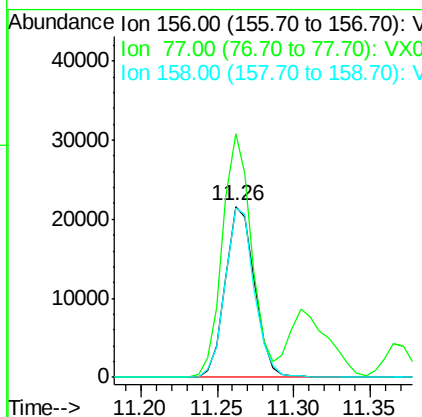
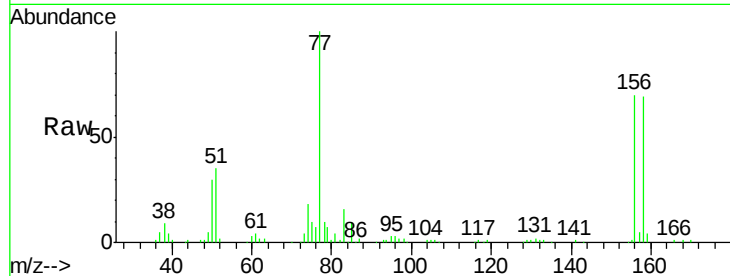
ClientSampleId :

VSTDICCC020

Tot Ion	Ratio	Lower	Upper
156	100		
77	140.1	0.0	280.2
158	98.6	0.0	197.2

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#74

n-propylbenzene

Concen: 20.00 ug/l

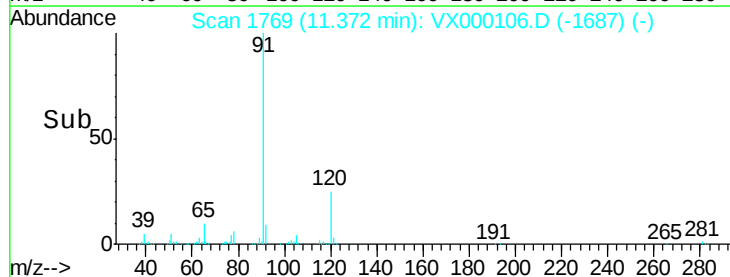
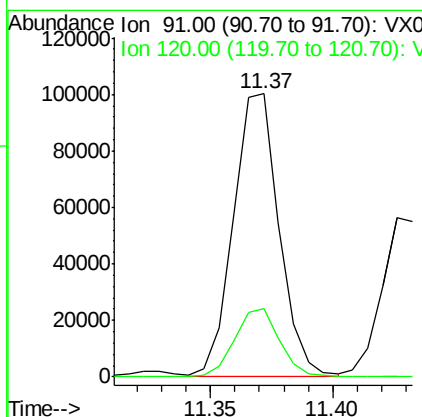
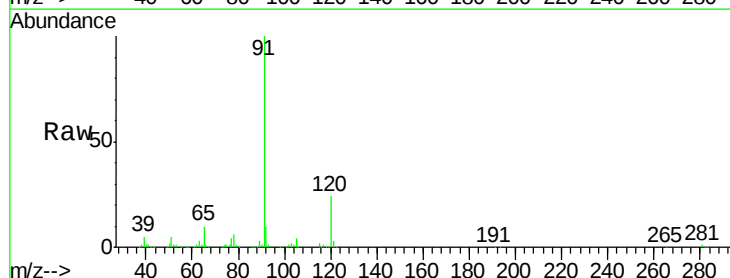
RT: 11.37 min Scan# 1769

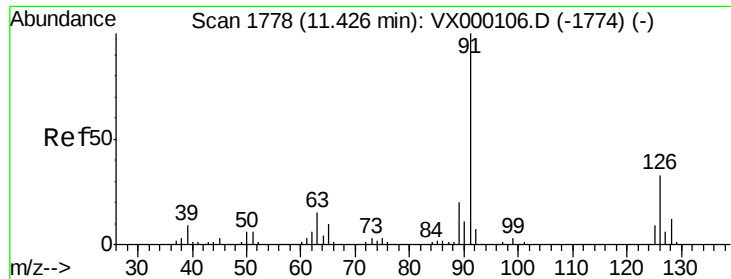
Delta R.T. 0.00 min

Lab File: VX000106.D

Acq: 20 Feb 2018 13:52

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	0.0	47.4





#75

2-Chlorotoluene

Concen: 20.00 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000106.D

Acq: 20 Feb 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 91 Resp: 76192

Ion Ratio Lower Upper

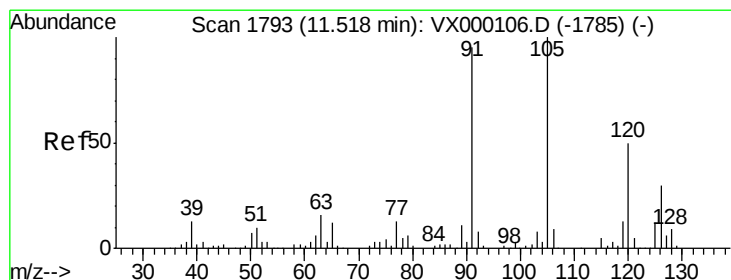
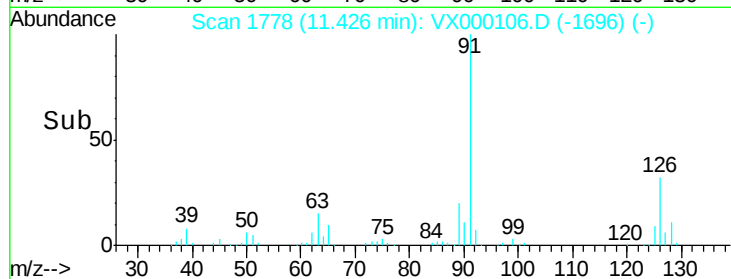
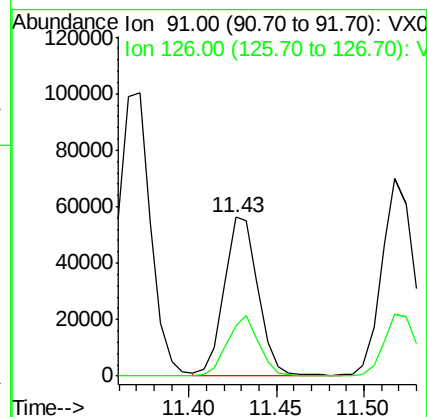
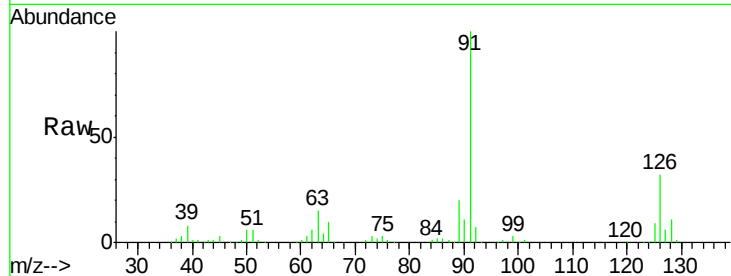
91 100

126 35.7 0.0 71.4

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#76

1,3,5-Trimethylbenzene

Concen: 19.98 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000106.D

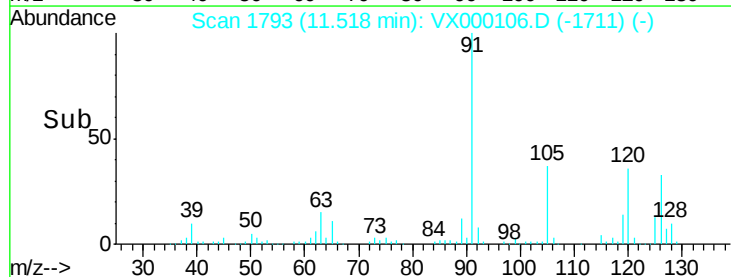
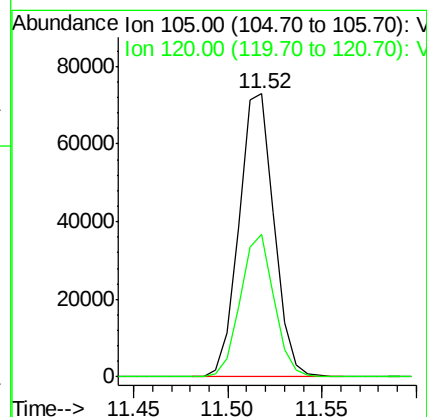
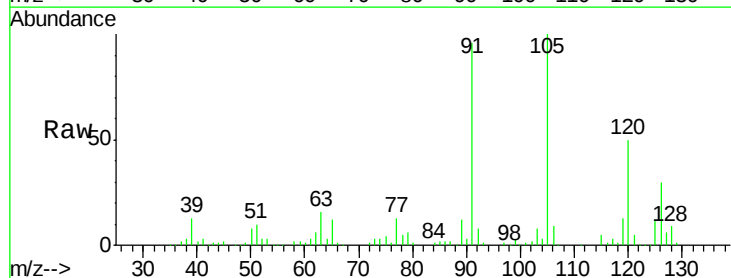
Acq: 20 Feb 2018 13:52

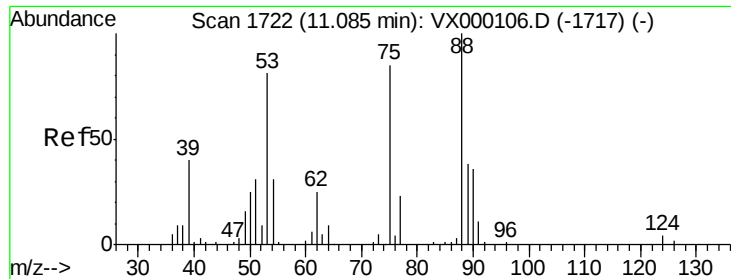
Tgt Ion: 105 Resp: 93975

Ion Ratio Lower Upper

105 100

120 48.6 0.0 63.8





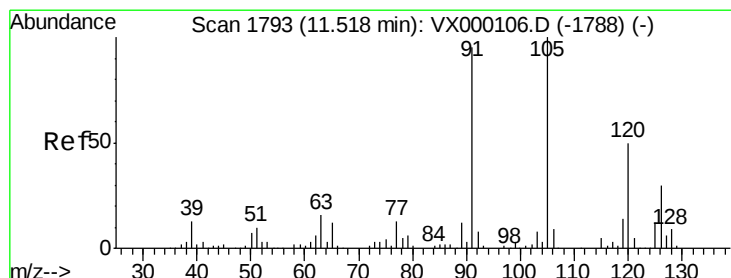
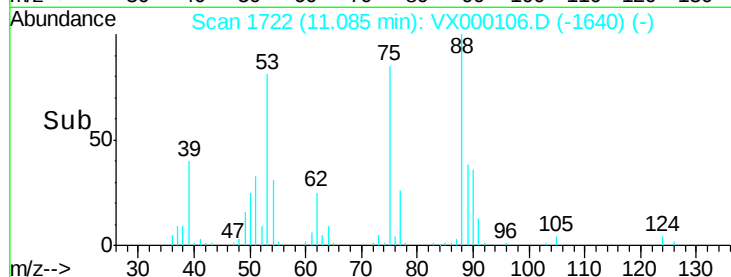
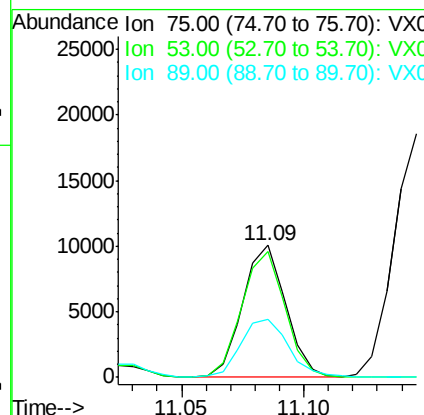
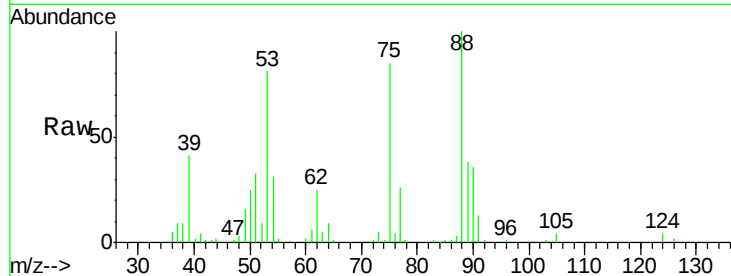
#77
t-1,4-Dichloro-2-butene
Concen: 20.00 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VX000106.D
Acq: 20 Feb 2018 13:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.5	47.8	143.3
89	44.5	22.3	66.8

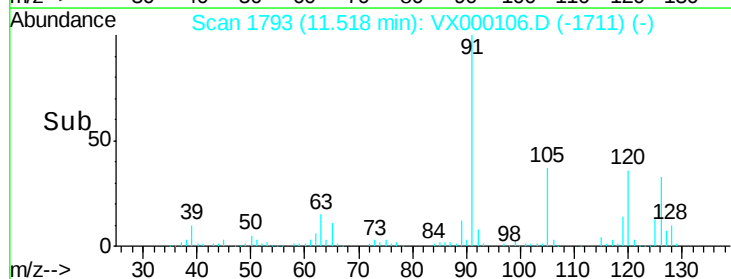
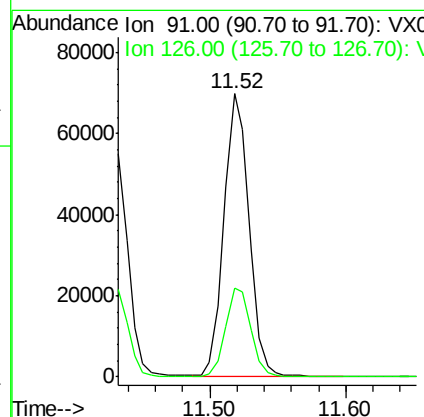
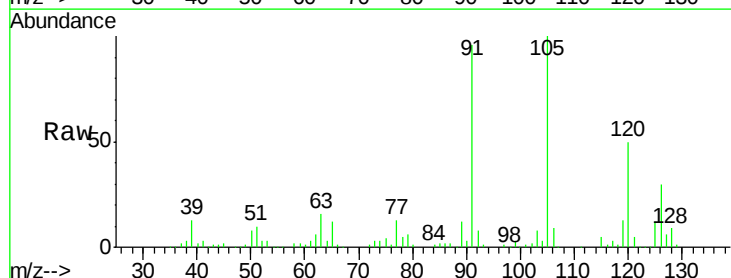
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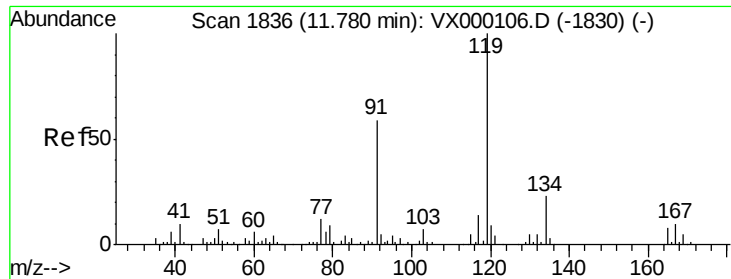
apatel
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#78
4-Chlorotoluene
Concen: 20.00 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000106.D
Acq: 20 Feb 2018 13:52

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.7	0.0	63.4





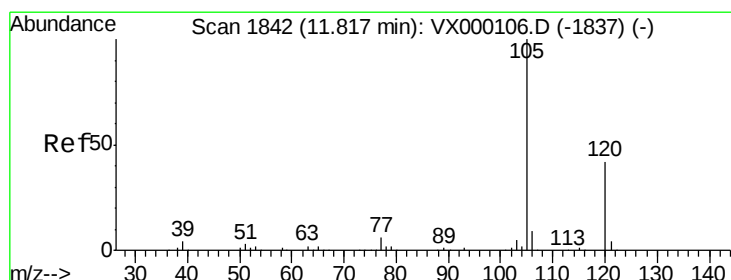
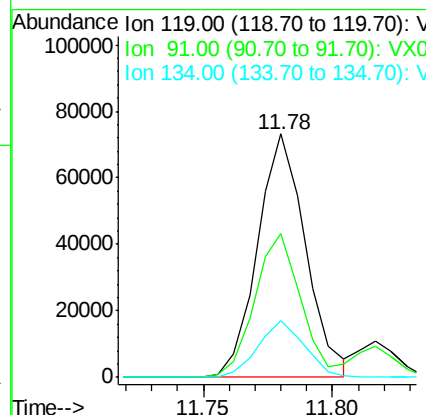
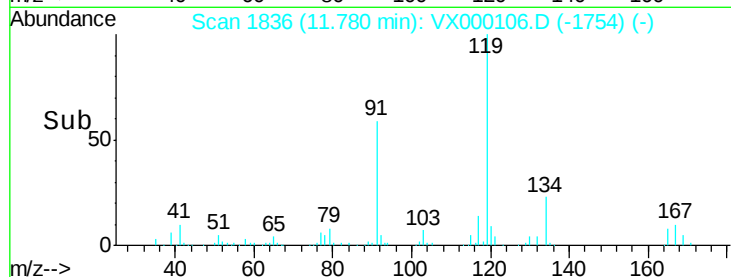
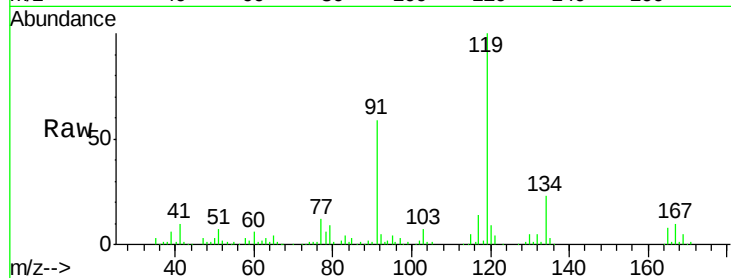
#79
tert-butylbenzene
Concen: 20.00 ug/l m
RT: 11.78 min Scan# 1836
Delta R.T. 0.00 min
Lab File: VX000106.D
Acq: 20 Feb 2018 13:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	94511		
91	25.8	0.0	51.6	
134	30.1	0.0	60.2	

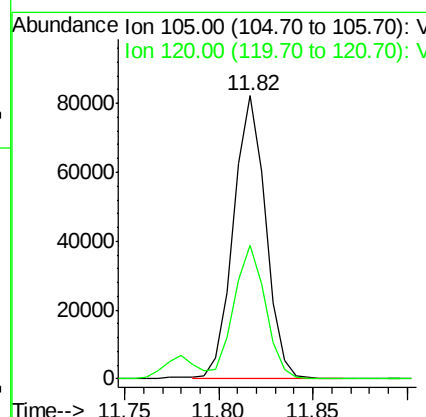
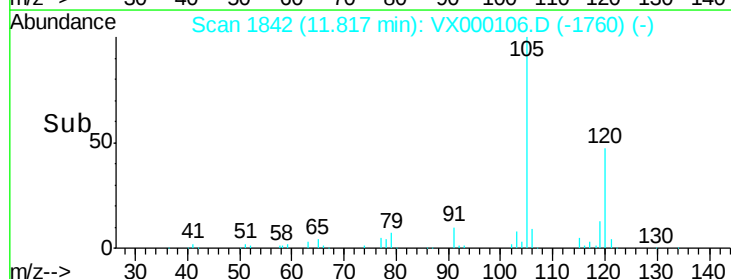
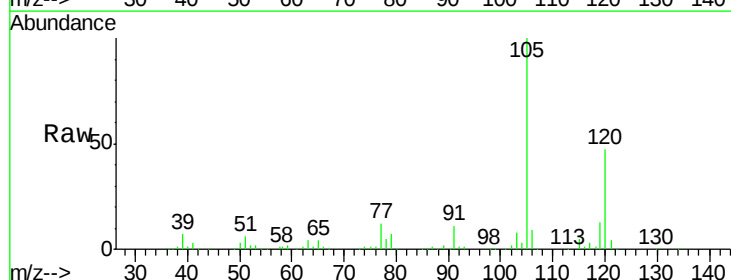
Manual Integrations
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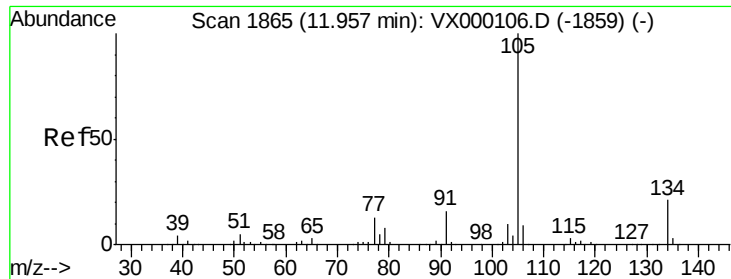
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#80
1,2,4-Trimethylbenzene
Concen: 20.00 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX000106.D
Acq: 20 Feb 2018 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	97421		
120	46.5	0.0	93.0	





#81

sec-Butylbenzene

Concen: 20.00 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VX000106.D

Acq: 20 Feb 2018 13:52

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC020

Tot Ion:105 Resp: 116965

Ion Ratio Lower Upper

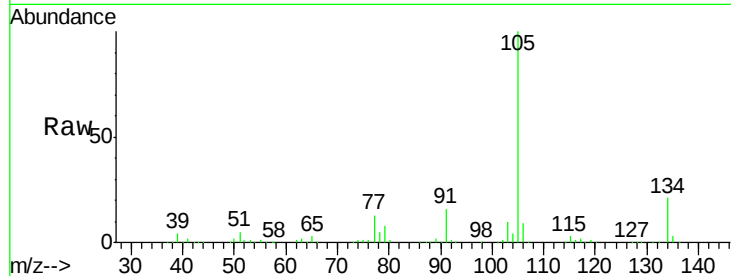
105 100

134 20.9 0.0 41.8

Manual Integrations
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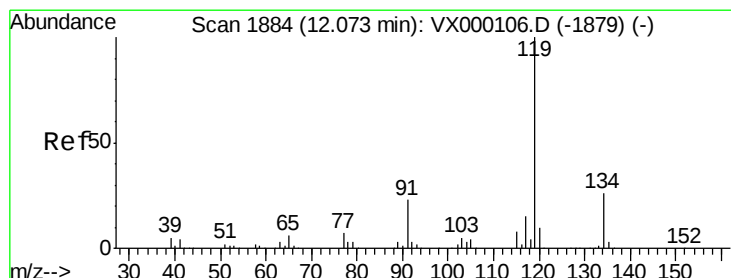
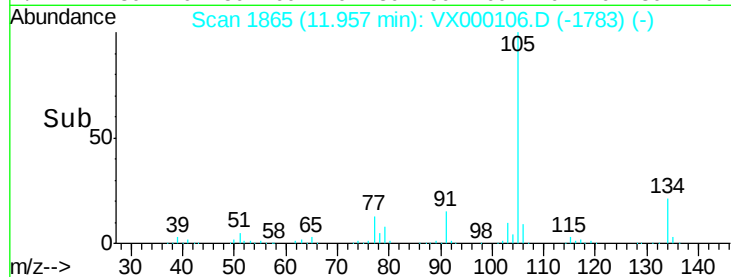
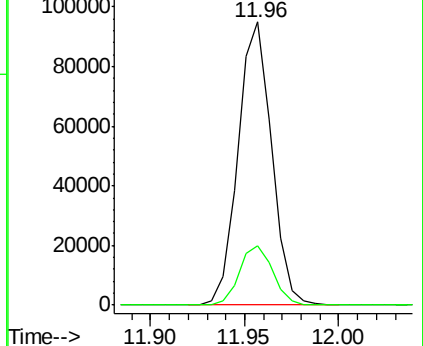
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 20.00 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000106.D

Acq: 20 Feb 2018 13:52

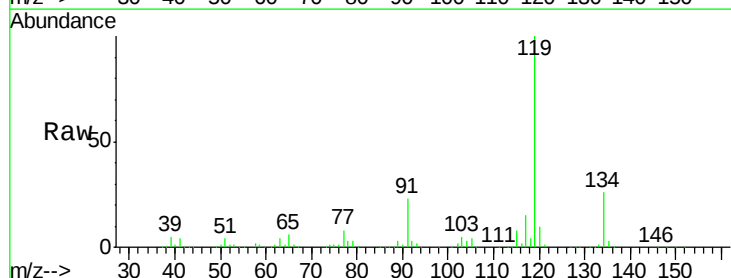
Tgt Ion:119 Resp: 104569

Ion Ratio Lower Upper

119 100

134 27.2 0.0 54.4

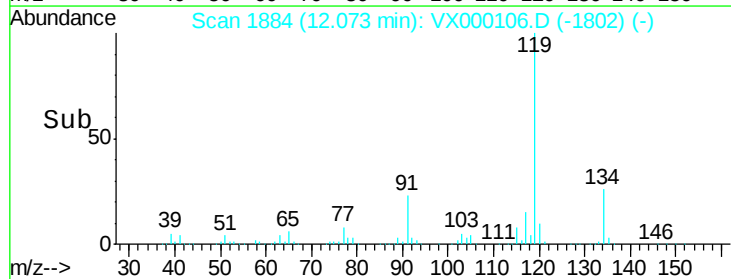
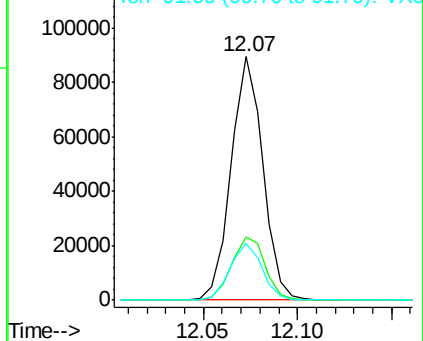
91 23.3 0.0 46.6

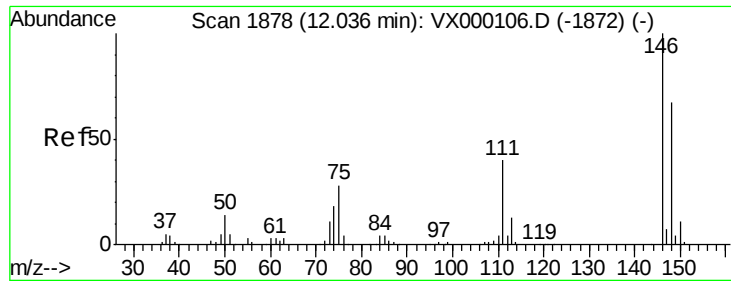


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





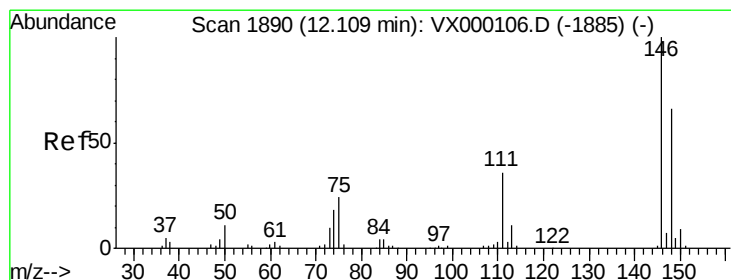
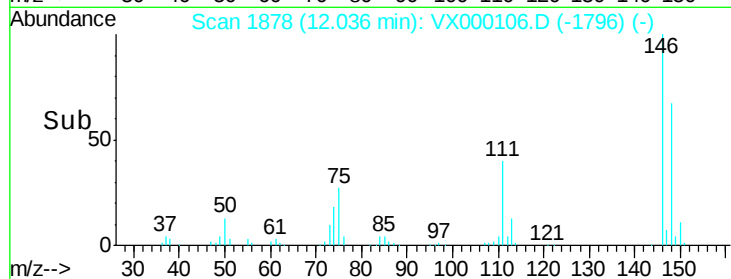
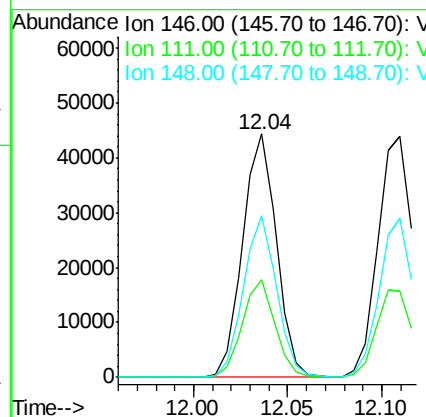
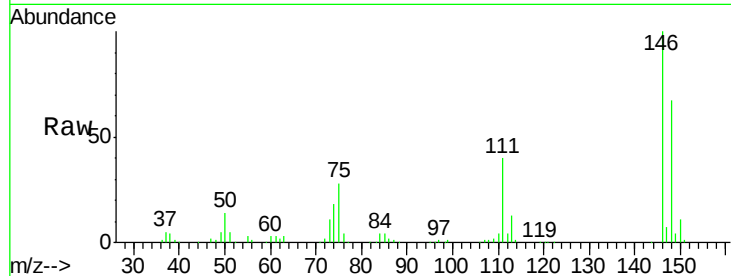
#83
 1,3-Dichlorobenzene
 Concen: 20.00 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000106.D
 Acq: 20 Feb 2018 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.4	58.2
148	65.1	32.6	97.7

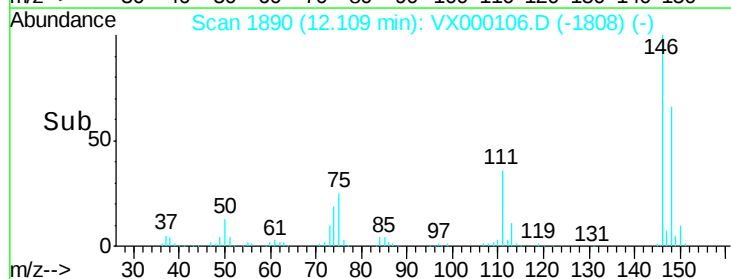
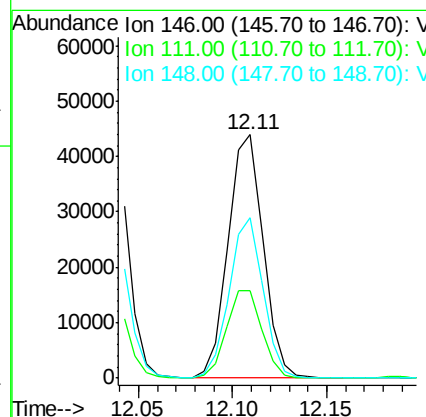
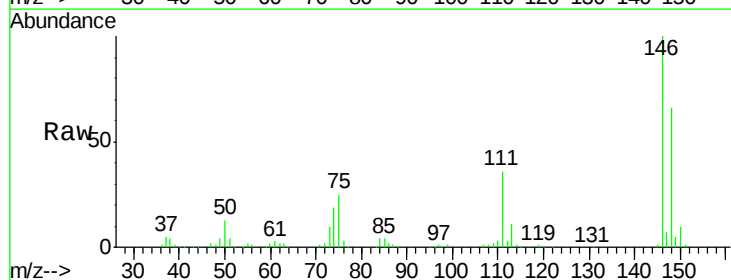
Manual Integrations
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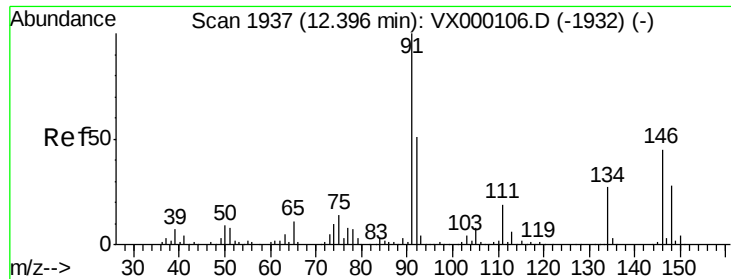
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#84
 1,4-Dichlorobenzene
 Concen: 20.00 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VX000106.D
 Acq: 20 Feb 2018 13:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.4	55.0
148	63.8	31.9	95.7





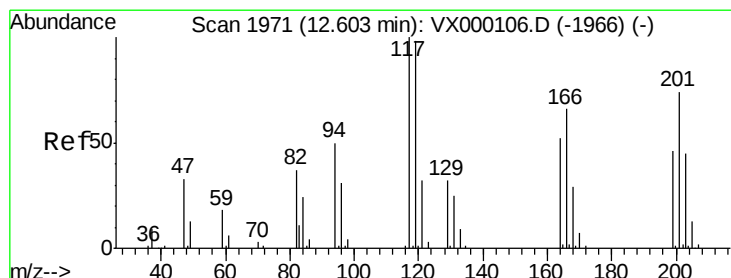
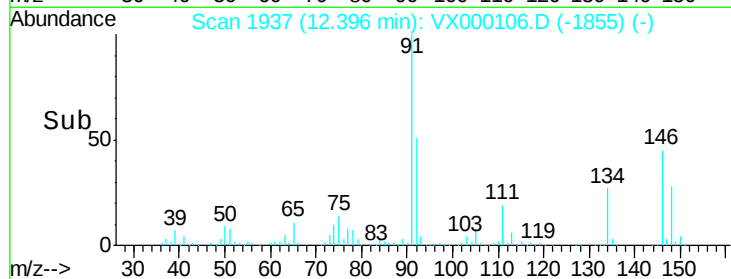
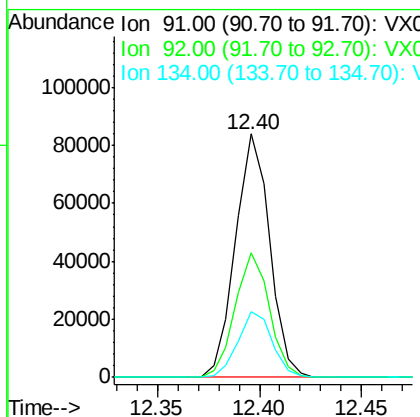
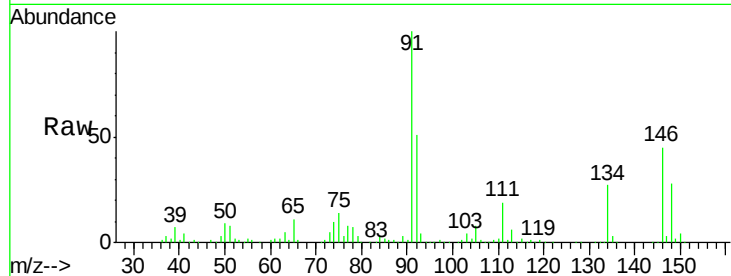
#85
n-Butylbenzene
Concen: 20.00 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000106.D
Acq: 20 Feb 2018 13:52

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC020

Tot Ion: 91 Resp: 97767
Ion Ratio Lower Upper
91 100
92 51.0 0.0 102.0
134 27.1 0.0 54.2

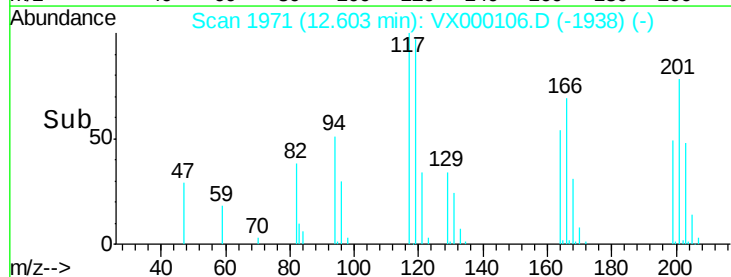
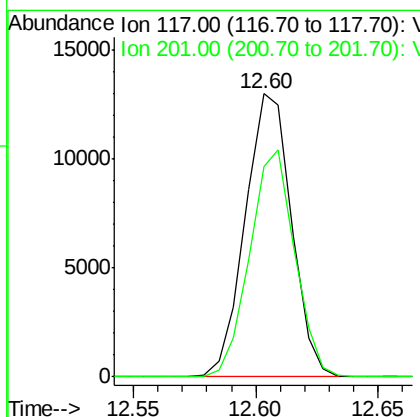
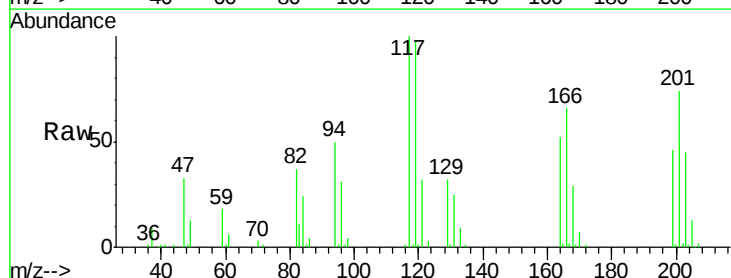
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#86
Hexachloroethane
Concen: 20.00 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000106.D
Acq: 20 Feb 2018 13:52

Tgt Ion: 117 Resp: 17127
Ion Ratio Lower Upper
117 100
201 77.7 38.9 116.6





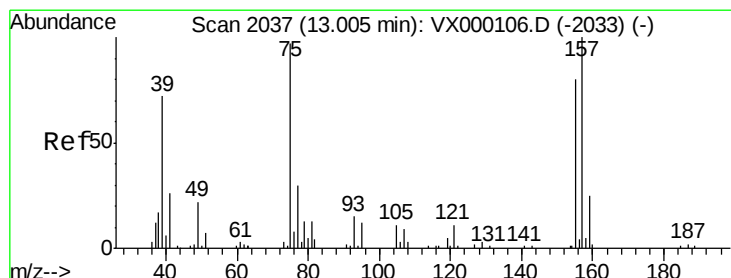
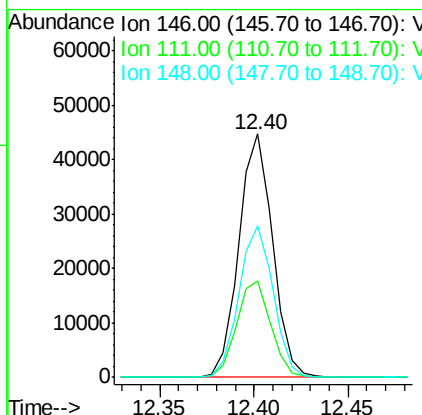
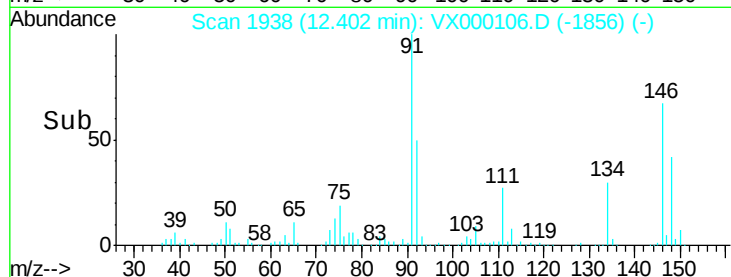
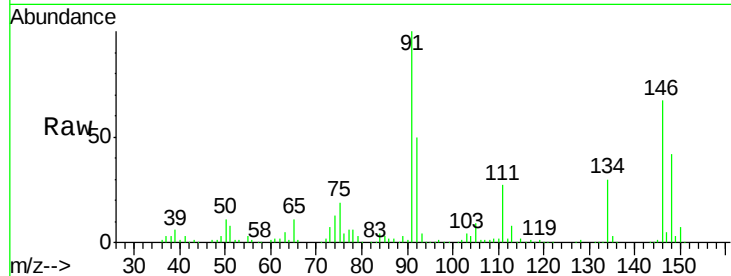
#87
 1,2-Dichlorobenzene
 Concen: 20.00 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000106.D
 Acq: 20 Feb 2018 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
146	100	55515		
111	40.0		20.0	60.0
148	63.3		31.6	95.0

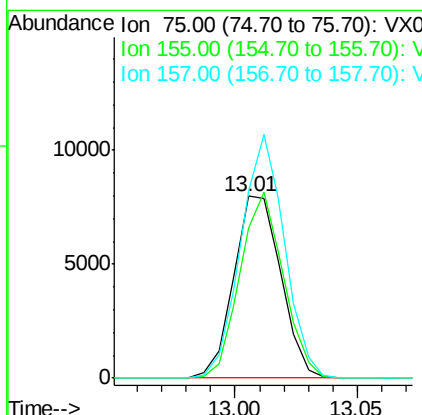
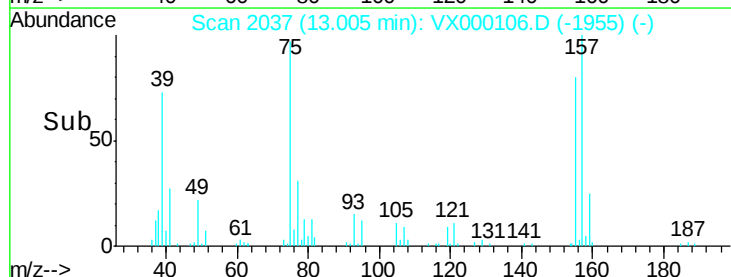
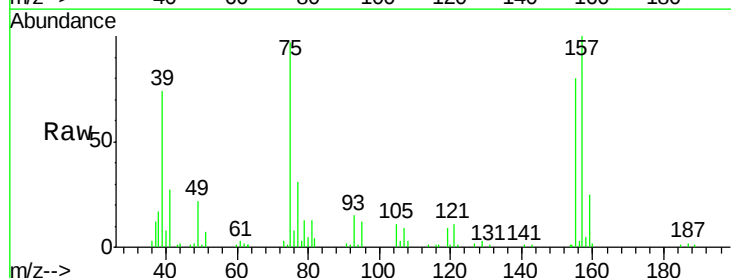
Manual Integrations
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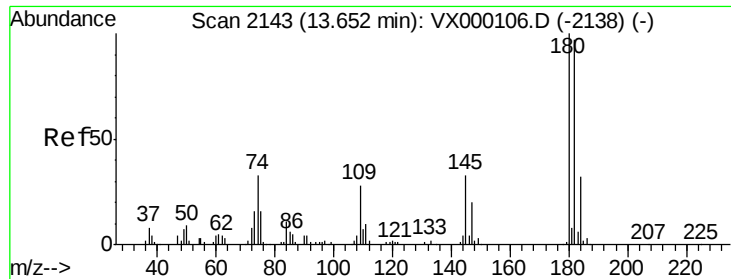
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.00 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX000106.D
 Acq: 20 Feb 2018 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	10680		
155	93.9		75.1	112.7
157	123.7		99.0	148.4





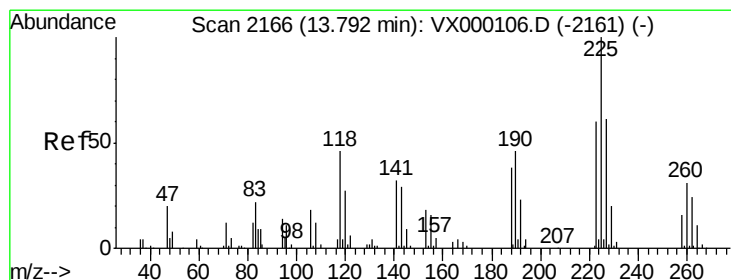
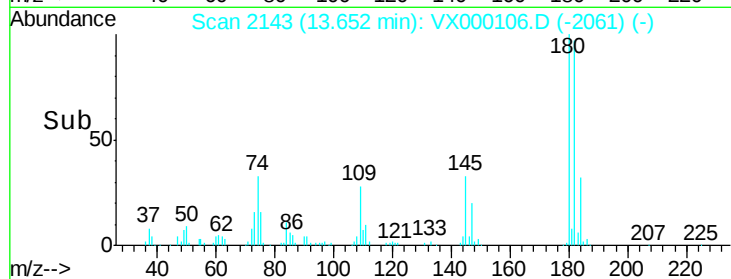
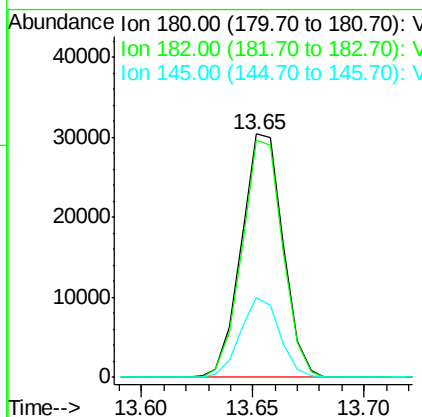
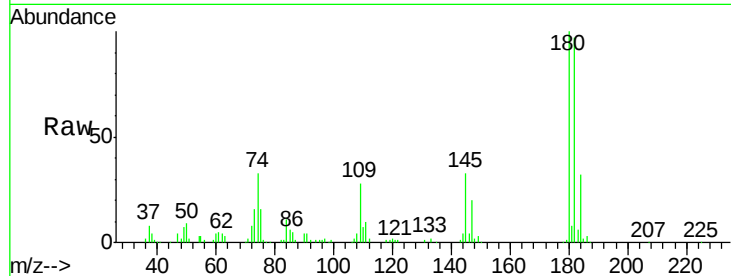
#89
 1,2,4-Trichlorobenzene
 Concen: 20.00 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000106.D
 Acq: 20 Feb 2018 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
180	100	39750		
182	95.4	76.3	114.5	
145	30.8	24.6	37.0	

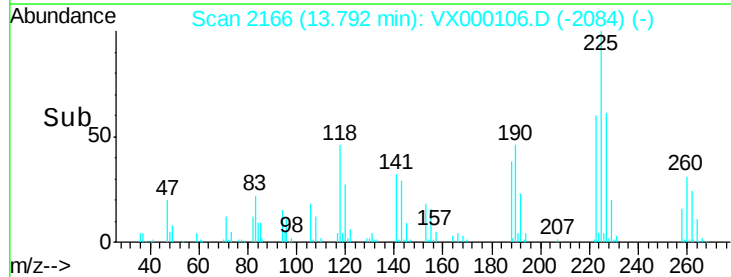
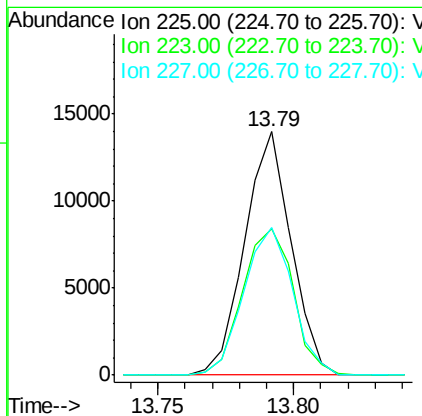
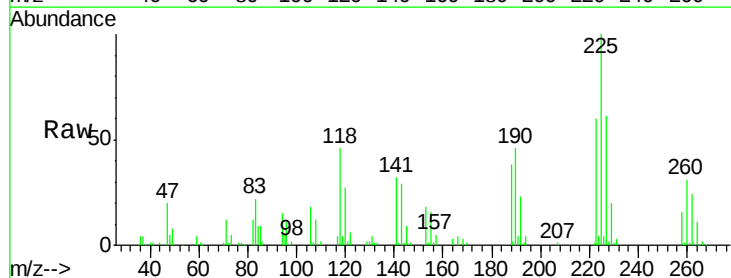
Manual Integrations
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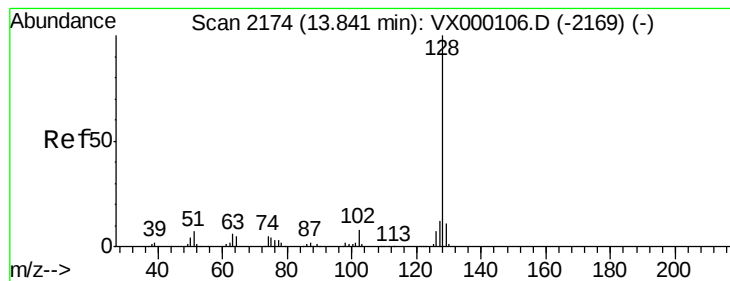
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#90
 Hexachlorobutadiene
 Concen: 20.00 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000106.D
 Acq: 20 Feb 2018 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	16555		
223	65.6	0.0	131.2	
227	63.8	0.0	127.6	





#91

Naphthalene

Concen: 20.00 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000106.D

Acq: 20 Feb 2018 13:52

Instrument :

MSVOA_X

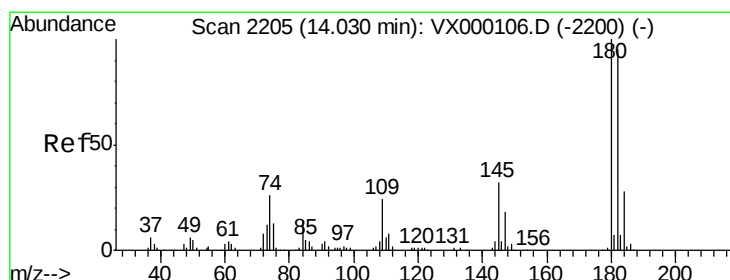
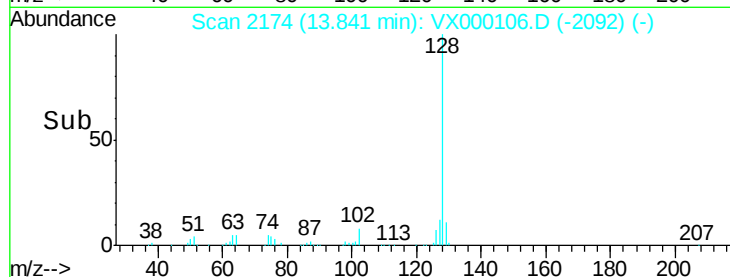
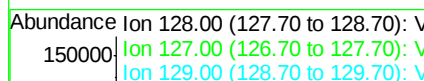
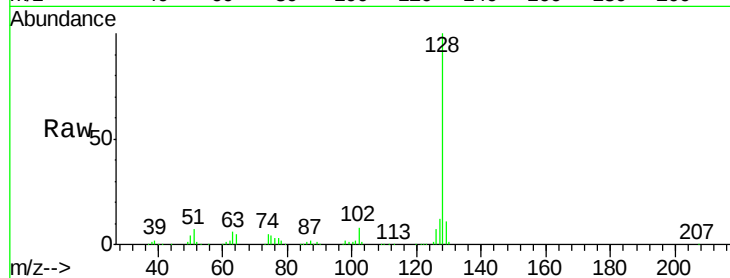
ClientSampleId :

VSTDICCC020

Tot Ion:	128	Resp:	142517
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.5	15.7
129	11.3	9.0	13.6

Manual Integrations
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#92

1,2,3-Trichlorobenzene

Concen: 20.00 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VX000106.D

Acq: 20 Feb 2018 13:52

Tgt Ion:	180	Resp:	40472
Ion Ratio	Lower	Upper	
180	100		
182	94.3	0.0	188.6
145	32.9	0.0	65.8

