

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX022018\
 Data File : VX000115.D
 Acq On : 20 Feb 2018 18:46
 Operator : JC/MD
 Sample : MDL02 2PPB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL02 2PPB

Manual Integrations
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 2/22/2018 4:04:54 PM

Quant Time: Feb 21 06:33:35 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X022018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 21 06:17:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	16170	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	95489	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	89717	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.08	65	38669	30.90	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.00%
60) 4-Bromofluorobenzene	11.15	95	43257	29.47	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.23%
63) Toluene-d8	8.73	98	117879	30.67	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.23%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	2052	2.04	ug/l	96
3) Chloromethane	1.32	50	2254	2.24	ug/l	89
4) Vinyl Chloride	1.40	62	2660	2.22	ug/l	97
5) Bromomethane	1.64	94	2782	2.52	ug/l	91
6) Chloroethane	1.73	64	1815	2.37	ug/l	94
7) Trichlorofluoromethane	1.93	101	4605	2.22	ug/l	100
8) Diethyl Ether	2.20	74	1584	2.19	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	2309	2.04	ug/l	94
10) 1,1-Dichloroethene	2.37	96	2510	2.32	ug/l	97
11) Methyl Iodide	2.52	142	1653	1.57	ug/l	97
12) Methyl Acetate	2.78	43	4469	2.31	ug/l	98
13) Acrolein	2.30	56	2564	11.04	ug/l	85
14) Acrylonitrile	3.16	53	9120	10.90	ug/l	98
15) Acetone	2.45	58	2863	10.50	ug/l	82
16) Carbon Disulfide	2.57	76	6616	2.14	ug/l #	95
17) Allyl chloride	2.73	41	3957	2.15	ug/l	89
18) Methylene Chloride	2.87	84	3029	2.57	ug/l #	80
19) trans-1,2-Dichloroethene	3.17	96	2451	2.09	ug/l	98
20) Diisopropyl ether	3.89	45	5765	1.98	ug/l #	92
21) 1,1-Dichloroethane	3.70	63	3986	2.08	ug/l #	93
22) cis-1,2-Dichloroethene	4.61	96	2317	2.12	ug/l	95
23) tert-Butyl Alcohol	3.09	59	5172	10.82	ug/l #	100
24) Methyl tert-Butyl Ether	3.23	73	8117	2.18	ug/l	93
25) Chloroform	5.23	83	3844	2.02	ug/l	85
26) Cyclohexane	5.59	56	3149m	2.09	ug/l	
29) 1,1-Dichloropropene	5.81	75	2788	2.00	ug/l	85
30) 2-Butanone	4.73	43	11067	10.34	ug/l #	80
31) 2,2-Dichloropropane	4.59	77	2877	1.92	ug/l #	63
32) 1,1,1-Trichloroethane	5.51	97	3362m	2.00	ug/l	
33) Carbon Tetrachloride	5.80	117	2935m	1.96	ug/l	
34) Benzene	6.16	78	8281	2.07	ug/l	95
35) Methacrylonitrile	5.09	41	2316m	2.35	ug/l	
36) 1,2-Dichloroethane	6.21	62	3086	2.03	ug/l #	86
37) Trichloroethene	7.23	130	2313	1.96	ug/l	87
38) Methylcyclohexane	7.47	83	3462	2.08	ug/l	97
39) 1,2-Dichloropropane	7.52	63	2059	2.06	ug/l #	88
40) Dibromomethane	7.68	93	1591	2.07	ug/l	92

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Quant Time: Feb 21 06:33:35 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X022018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 21 06:17:26 2018
 Response via : Initial Calibration

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

41) Bromodichloromethane	7.91	83	2800	1.91	ug/l	96
42) Vinyl Acetate	3.84	43	25689	9.42	ug/l	100
43) Ethyl Acetate	4.88	43	4136	2.20	ug/l #	77
44) Isopropyl Acetate	6.49	43	5795	2.10	ug/l	96
45) 1,4-Dioxane	7.78	88	1454	41.91	ug/l #	34
46) Methyl methacrylate	7.79	41	2755	2.05	ug/l	96
47) n-amyl Acetate	10.91	43	4568	1.90	ug/l	100
48) t-1,3-Dichloropropene	8.45	75	2813	1.65	ug/l #	79
49) cis-1,3-Dichloropropene	9.05	75	3013	1.82	ug/l	96
50) 1,1,2-Trichloroethane	9.23	97	2205	1.95	ug/l	89
51) Ethyl methacrylate	9.19	69	3299	1.91	ug/l	96
52) 1,3-Dichloropropane	9.38	76	3696	2.04	ug/l	97
53) Dibromochloromethane	9.59	129	2115	1.68	ug/l	93
54) 1,2-Dibromoethane	9.68	107	2280	1.81	ug/l	92
55) 2-Chloroethyl vinyl ether	8.32	63	8043	10.64	ug/l	98
56) Bromoform	10.87	173	1497	1.47	ug/l	98
58) 4-Methyl-2-Pentanone	8.66	43	20298	10.33	ug/l	98
59) 2-Hexanone	9.51	43	16450	9.89	ug/l	97
61) Tetrachloroethene	9.34	164	2013	1.85	ug/l	89
62) Toluene	8.79	91	9497	2.03	ug/l	98
64) Chlorobenzene	10.15	112	6359	2.02	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.23	131	1935	1.73	ug/l	94
66) Ethyl Benzene	10.26	91	10608	1.99	ug/l	98
67) m/p-Xylenes	10.37	106	8250	3.95	ug/l	97
68) o-Xylene	10.71	106	3910	1.93	ug/l	99
69) Styrene	10.72	104	6142	1.83	ug/l	98
70) Isopropylbenzene	11.03	105	10546	1.92	ug/l	95
71) 1,1,2,2-Tetrachloroethane	11.27	83	3614	1.92	ug/l	97
72) 1,2,3-Trichloropropane	11.30	75	3148m	1.86	ug/l	
73) Bromobenzene	11.26	156	2565	1.78	ug/l	87
74) n-propylbenzene	11.37	91	12722	1.98	ug/l	97
75) 2-Chlorotoluene	11.43	91	7230	1.96	ug/l	97
76) 1,3,5-Trimethylbenzene	11.51	105	8694	1.87	ug/l	66
77) t-1,4-Dichloro-2-butene	11.09	75	960	1.60	ug/l	98
78) 4-Chlorotoluene	11.52	91	8252	1.86	ug/l	99
79) tert-butylbenzene	11.78	119	8553m	1.85	ug/l	
80) 1,2,4-Trimethylbenzene	11.82	105	8870	1.87	ug/l	98
81) sec-Butylbenzene	11.96	105	11113	1.94	ug/l	96
82) p-Isopropyltoluene	12.07	119	9175	1.80	ug/l	97
83) 1,3-Dichlorobenzene	12.04	146	5257	1.92	ug/l	97
84) 1,4-Dichlorobenzene	12.11	146	5299	1.86	ug/l	98
85) n-Butylbenzene	12.40	91	8580	1.79	ug/l	95
86) Hexachloroethane	12.60	117	1315	1.54	ug/l	82
87) 1,2-Dichlorobenzene	12.40	146	5181	1.91	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	13.01	75	1037	1.97	ug/l #	78
89) 1,2,4-Trichlorobenzene	13.66	180	3608	1.81	ug/l	98
90) Hexachlorobutadiene	13.79	225	1491	1.74	ug/l	91
91) Naphthalene	13.84	128	12645	1.82	ug/l	98
92) 1,2,3-Trichlorobenzene	14.03	180	3523	1.76	ug/l	91

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Feb 21 06:17:26 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

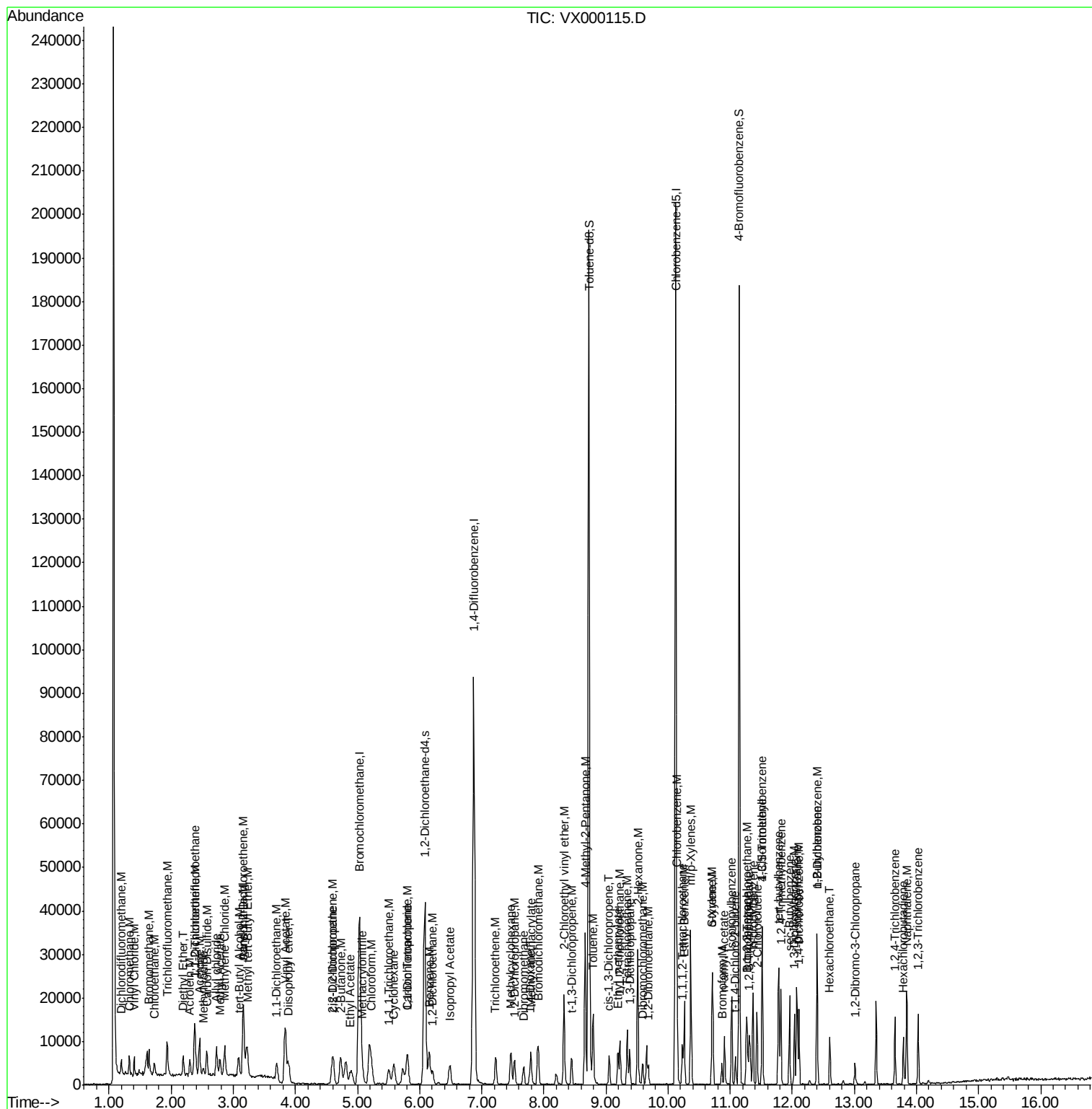
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Data Path : W:\HPCHEM1\MSVOA X\DATA\VX022018\  
Data File : VX000115.D  
Acq On    : 20 Feb 2018   18:46  
Operator  : JC/MD  
Sample    : MDL02 2PPB  
Misc      : 5.0mL/MSVOA X/WATER  
ALS Vial  : 14      Sample Multiplier: 1
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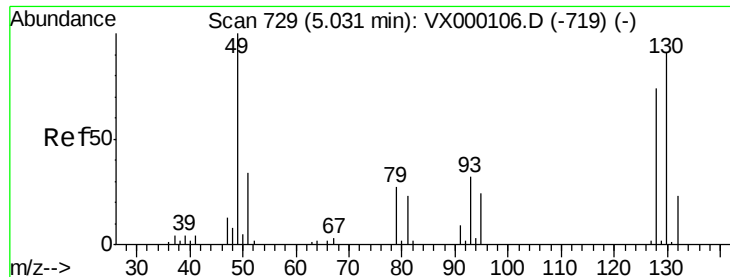
Instrument :
MSVOA_X
ClientSampleId :
MDL02 2PPB

Manual Integrations APPROVED

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Quant Time: Feb 21 06:33:35 2018
Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X022018W.M
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#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 729

Delta R.T. -0.00 min

Lab File: VX000115.D

Acq: 20 Feb 2018 18:46

Instrument :

MSVOA_X

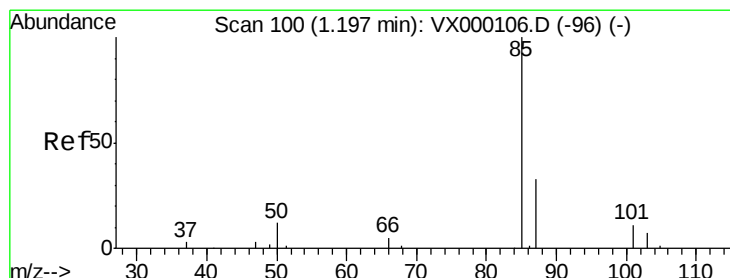
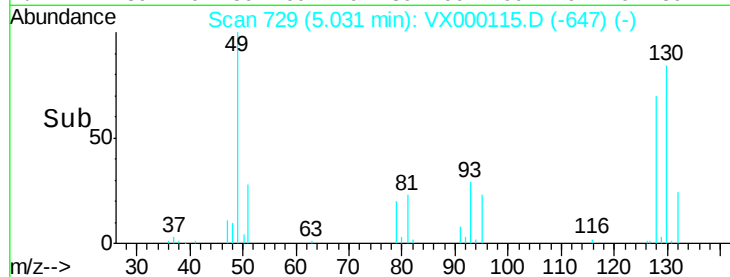
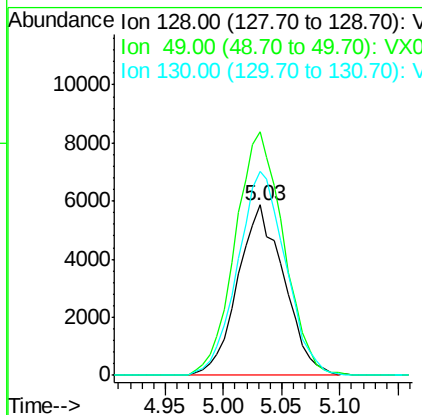
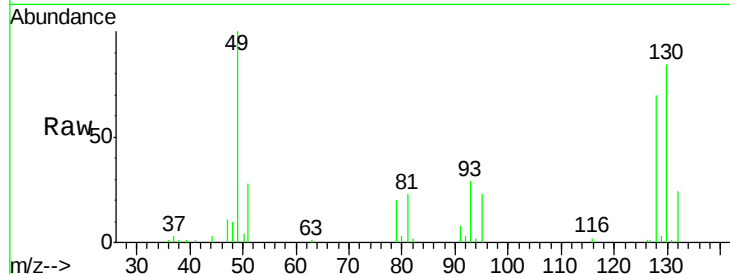
ClientSampleId :

MDL02 2PPB

Tot Ion	Ratio	Lower	Upper
128	100		
49	149.4	0.0	378.3
130	124.4	0.0	324.3

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 2.04 ug/l

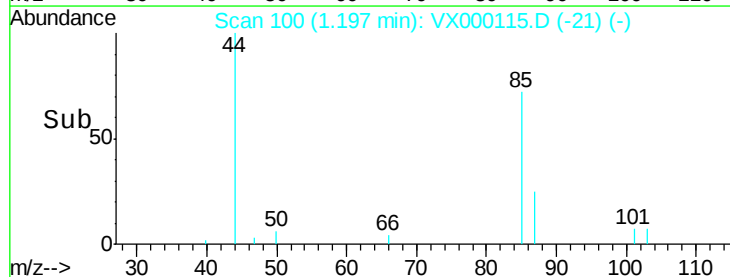
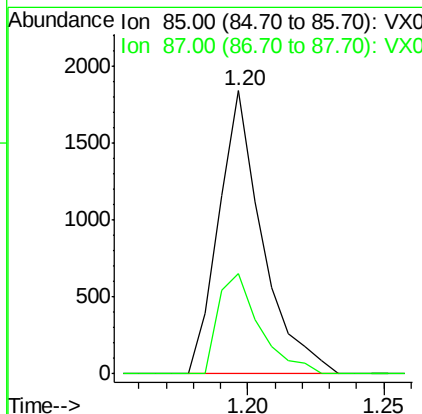
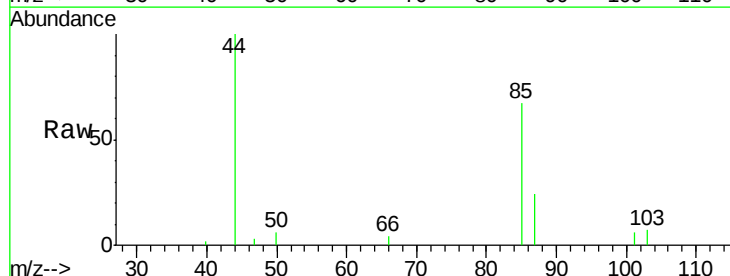
RT: 1.20 min Scan# 100

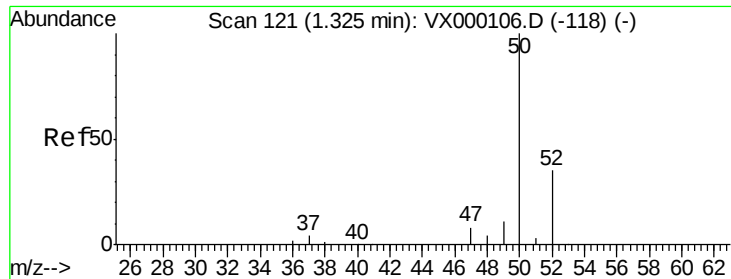
Delta R.T. -0.00 min

Lab File: VX000115.D

Acq: 20 Feb 2018 18:46

Tgt Ion	Ratio	Lower	Upper
85	100		
87	35.2	16.6	49.7





#3

Chloromethane

Concen: 2.24 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000115.D

Acq: 20 Feb 2018 18:46

Instrument :

MSVOA_X

ClientSampled :

MDL02 2PPB

Tot Ion: 50 Resp: 2254

Ion Ratio Lower Upper

50 100

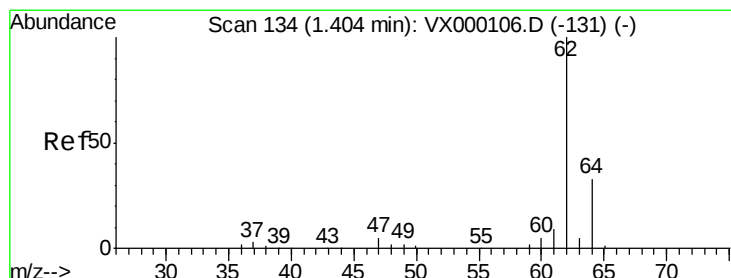
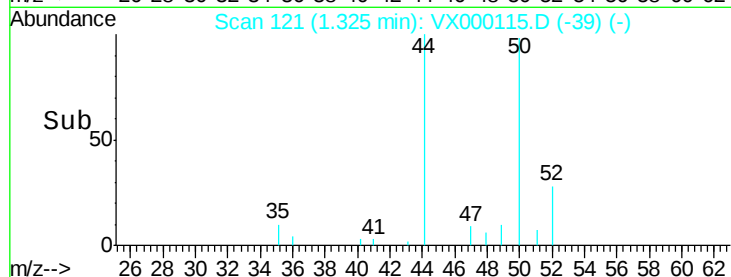
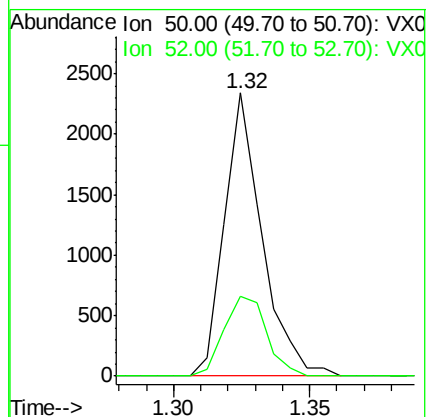
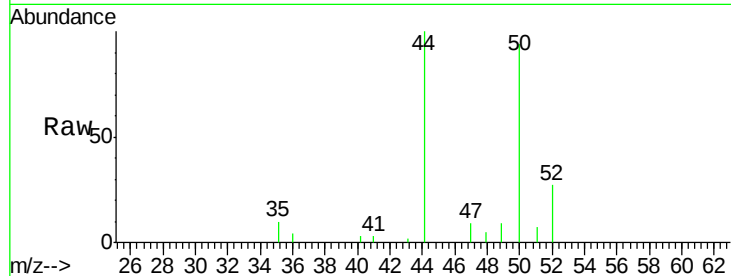
52 28.4 27.8 41.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 2.22 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000115.D

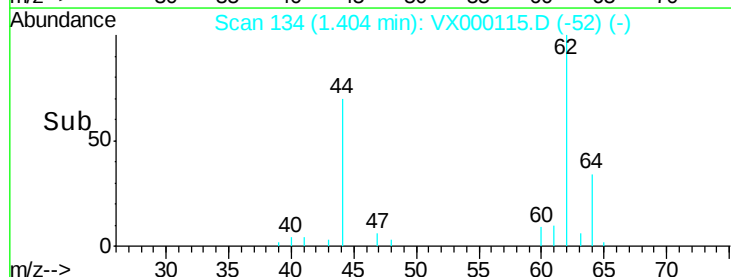
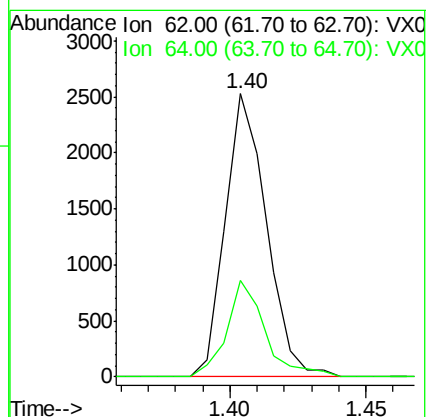
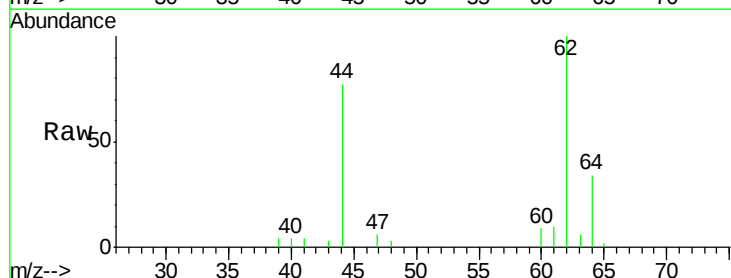
Acq: 20 Feb 2018 18:46

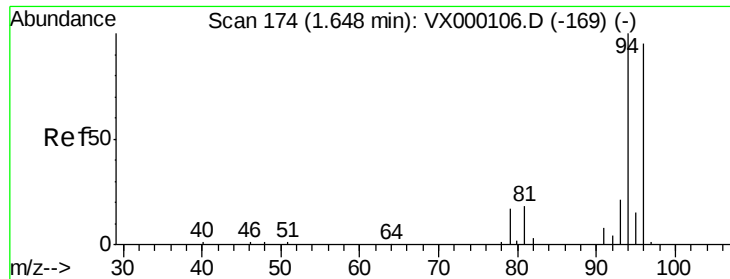
Tgt Ion: 62 Resp: 2660

Ion Ratio Lower Upper

62 100

64 34.1 26.0 39.0





#5

Bromomethane

Concen: 2.52 ug/l

RT: 1.64 min Scan# 173

Delta R.T. -0.01 min

Lab File: VX000115.D

Acq: 20 Feb 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

MDL02 2PPB

Tot Ion: 94 Resp: 2782

Ion Ratio Lower Upper

94 100

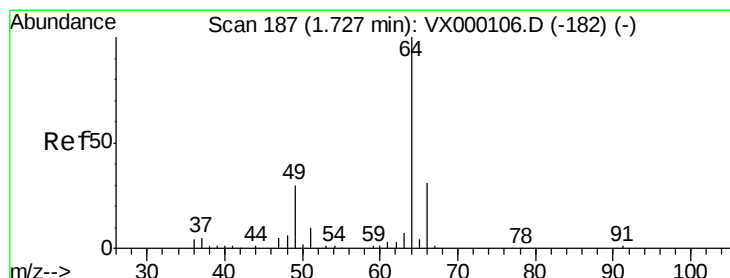
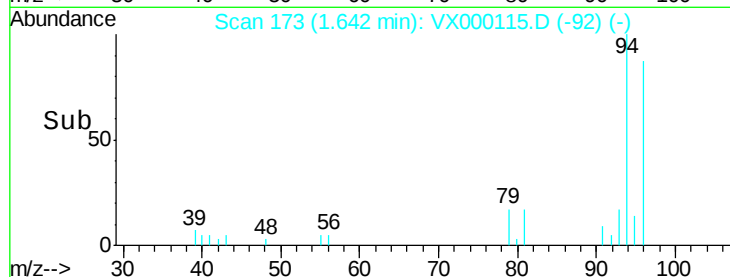
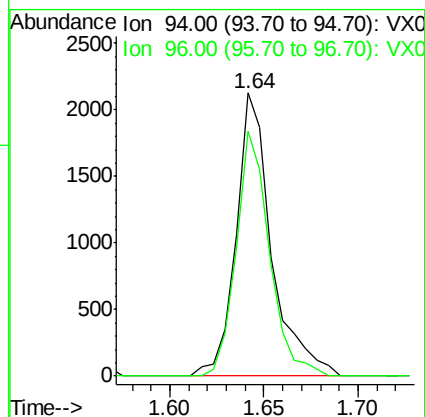
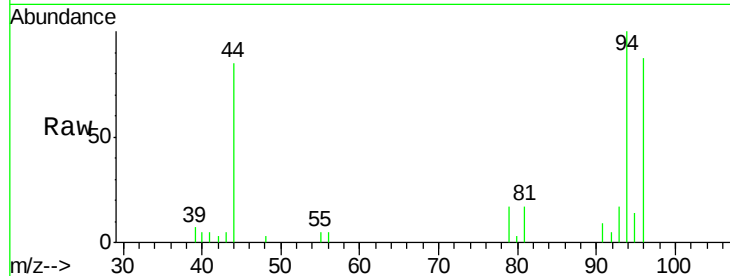
96 86.5 76.2 114.2

Manual Integrations

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#6

Chloroethane

Concen: 2.37 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX000115.D

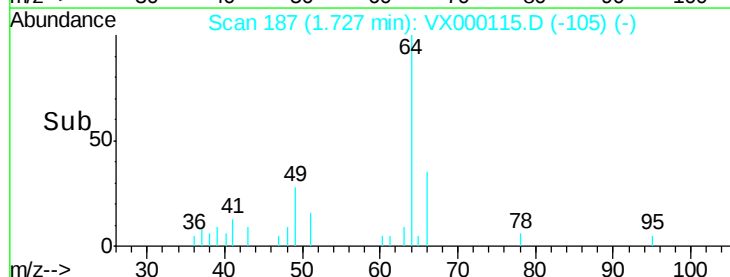
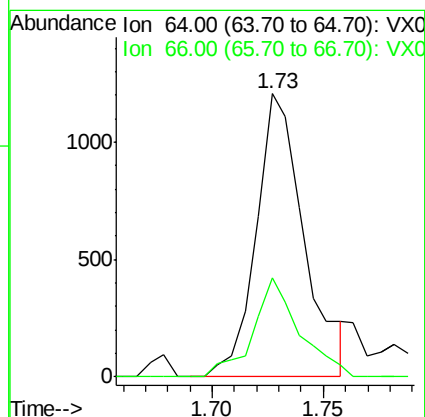
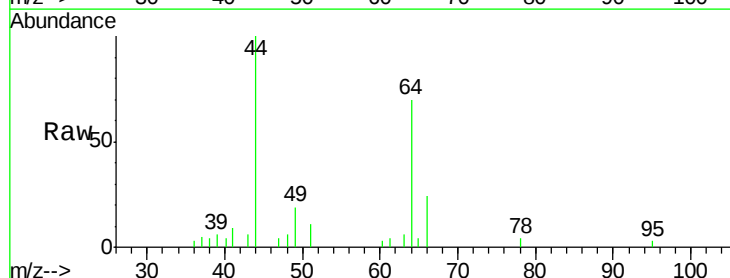
Acq: 20 Feb 2018 18:46

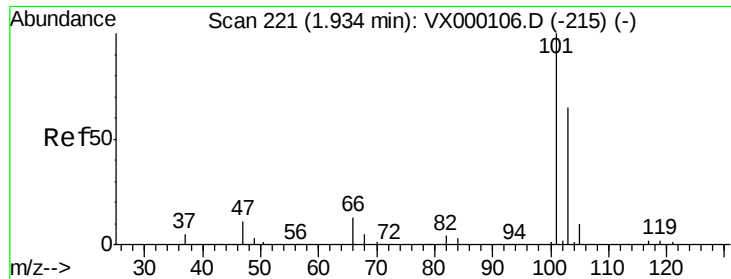
Tgt Ion: 64 Resp: 1815

Ion Ratio Lower Upper

64 100

66 34.9 25.2 37.8





#7

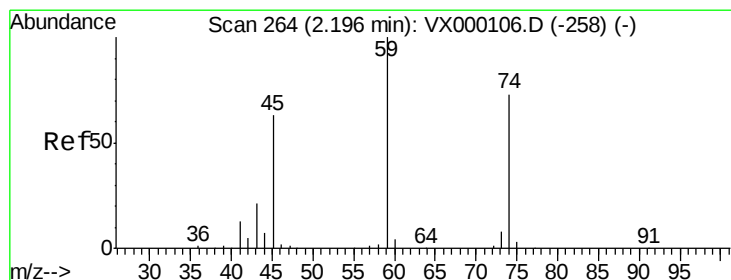
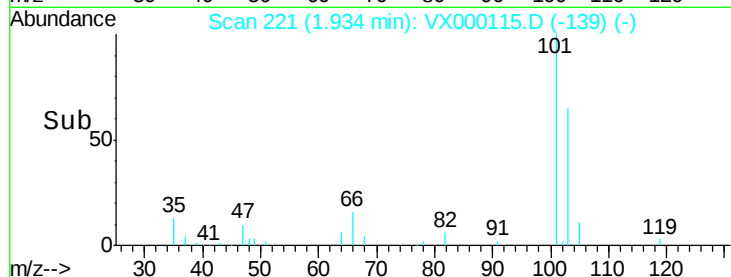
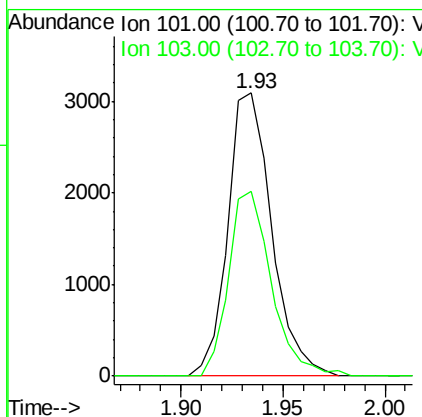
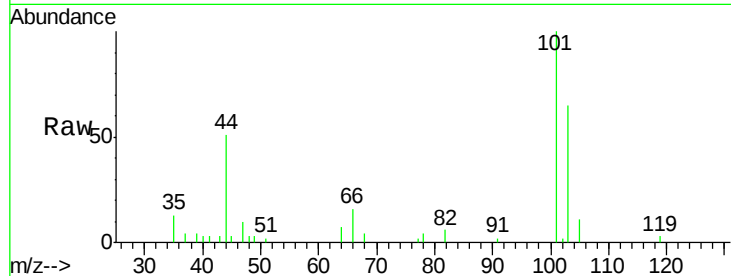
Trichlorofluoromethane
Concen: 2.22 ug/l
RT: 1.93 min Scan# 221
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Instrument :
MSVOA_X
ClientSampleId :
MDL02 2PPB

Tot Ion:101 Resp: 4605
Ion Ratio Lower Upper
101 100
103 65.4 52.2 78.4

Manual Integrations
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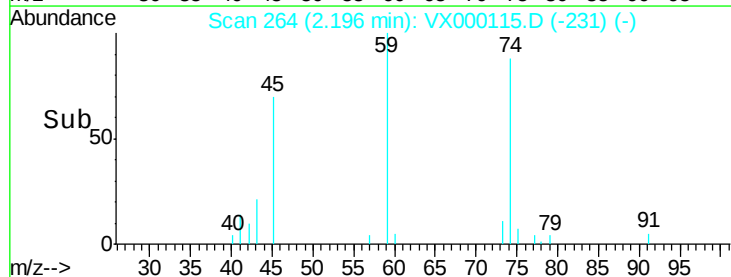
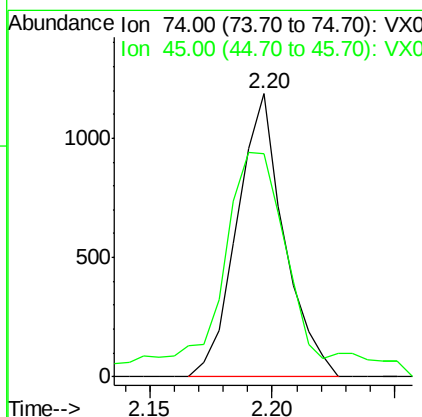
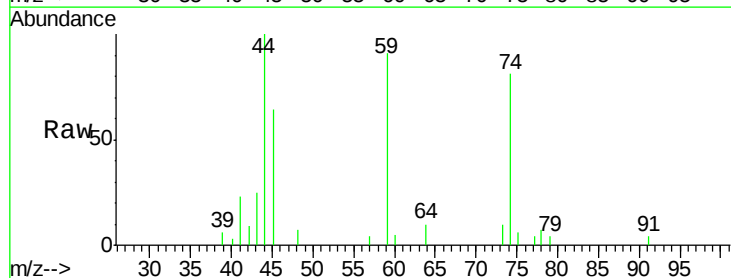
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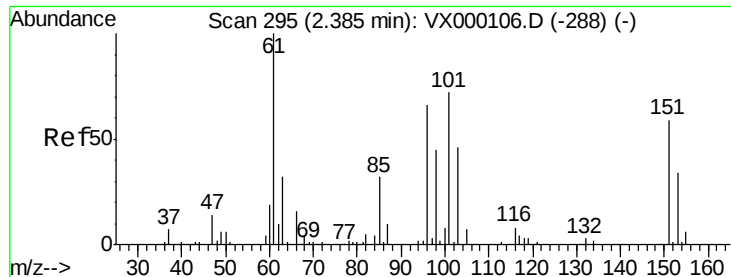


#8

Diethyl Ether
Concen: 2.19 ug/l
RT: 2.20 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Tgt Ion: 74 Resp: 1584
Ion Ratio Lower Upper
74 100
45 93.8 17.8 159.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.04 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000115.D

Acq: 20 Feb 2018 18:46

Instrument :

MSVOA_X

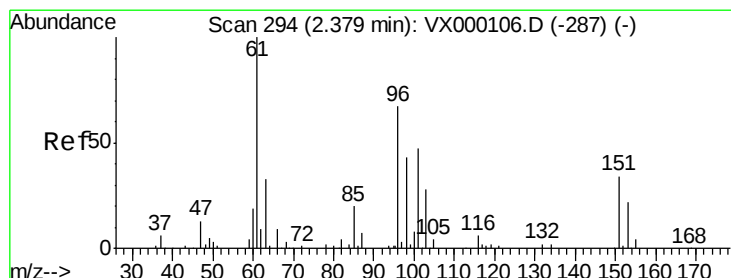
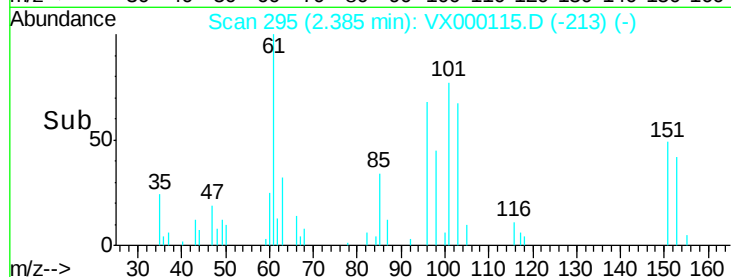
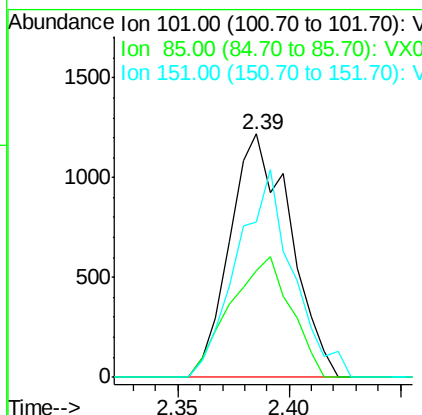
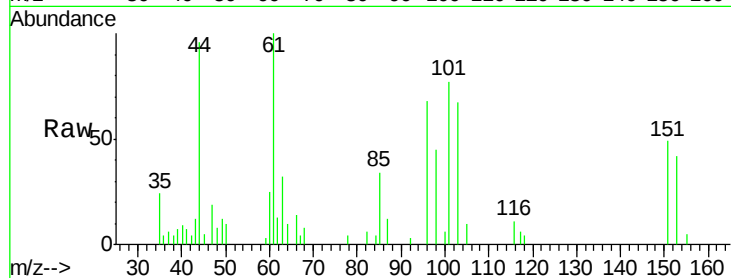
ClientSampleId :

MDL02 2PPB

Tot Ion:	101	Resp:	2309
Ion Ratio	Lower	Upper	
101	100		
85	49.3	0.0	90.4
151	78.4	0.0	167.6

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#10

1,1-Dichloroethene

Concen: 2.32 ug/l

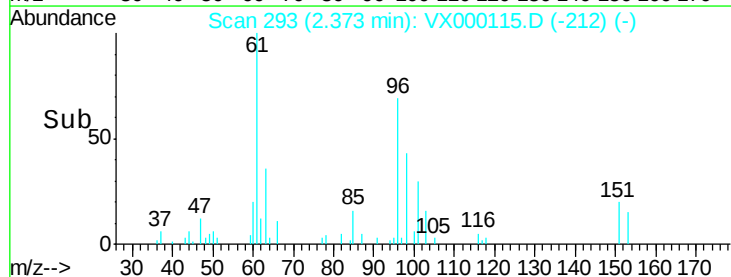
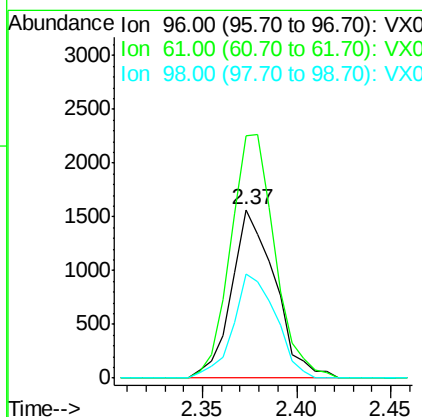
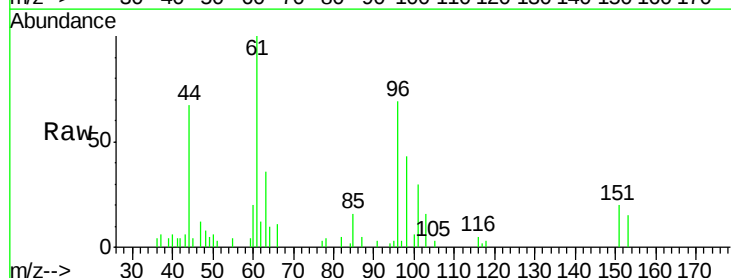
RT: 2.37 min Scan# 293

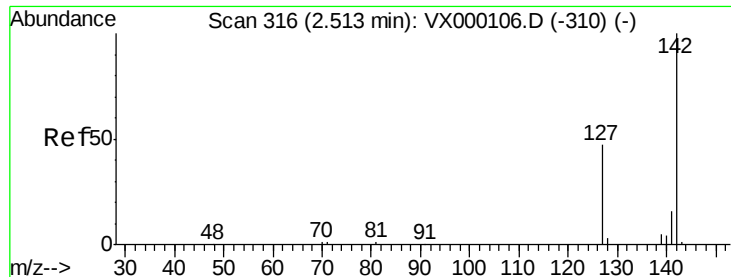
Delta R.T. -0.01 min

Lab File: VX000115.D

Acq: 20 Feb 2018 18:46

Tgt Ion:	96	Resp:	2510
Ion Ratio	Lower	Upper	
96	100		
61	143.9	118.6	178.0
98	62.2	51.0	76.6





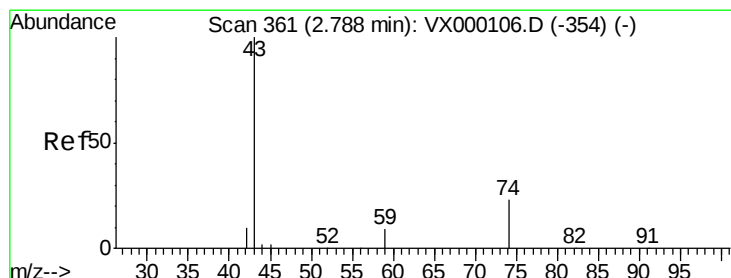
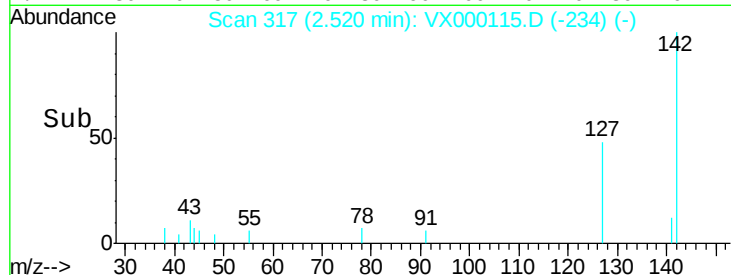
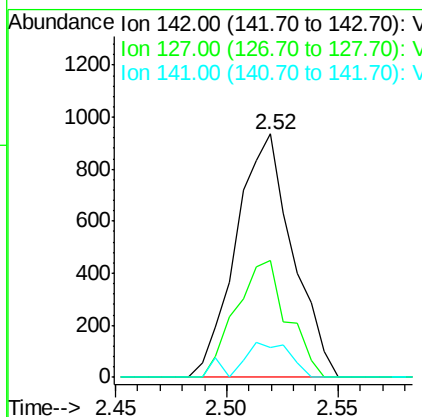
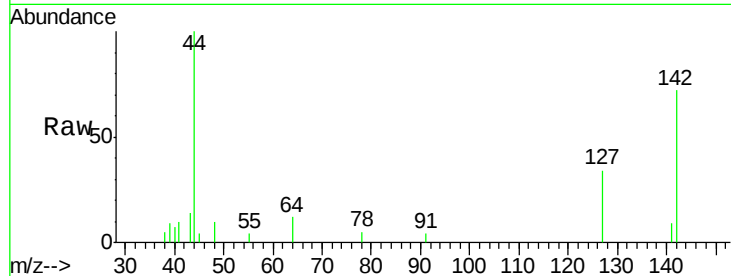
#11
Methvl Iodide
Concen: 1.57 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Instrument :
MSVOA_X
ClientSampleId :
MDL02 2PPB

Tot Ion	Ratio	Lower	Upper
142	100		
127	47.8	23.8	71.5
141	12.2	8.2	24.4

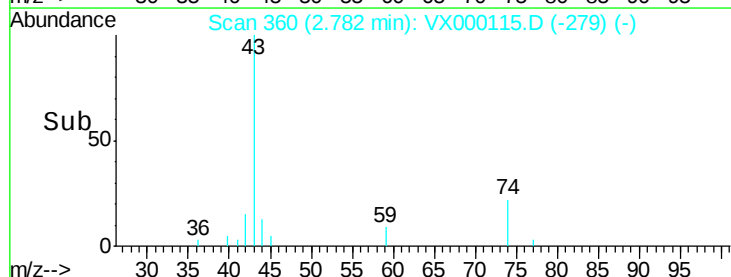
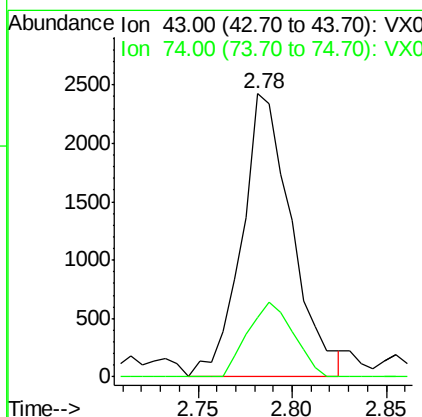
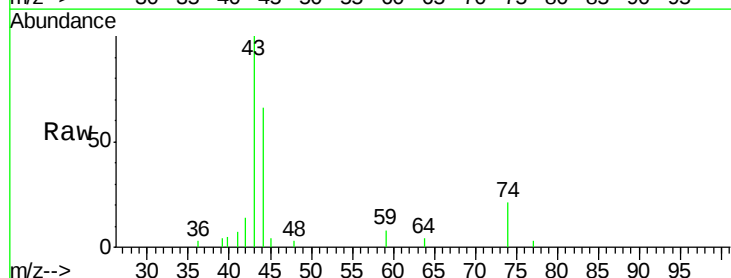
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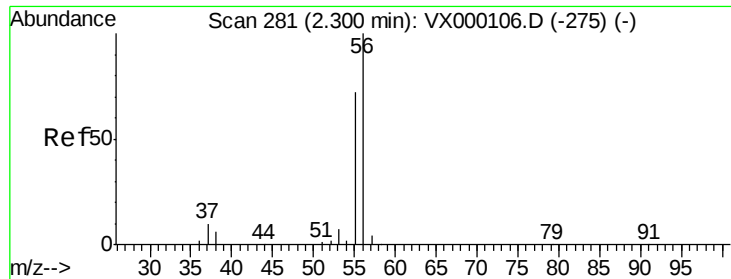
apatel
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#12
Methyl Acetate
Concen: 2.31 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.0	18.6	27.8





#13

Acrolein

Concen: 11.04 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX000115.D

Acq: 20 Feb 2018 18:46

Instrument :

MSVOA_X

ClientSampled :

MDL02 2PPB

Tot Ion: 56 Resp: 2564

Ion Ratio Lower Upper

56 100

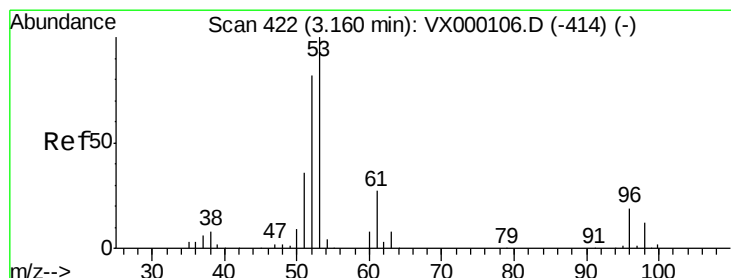
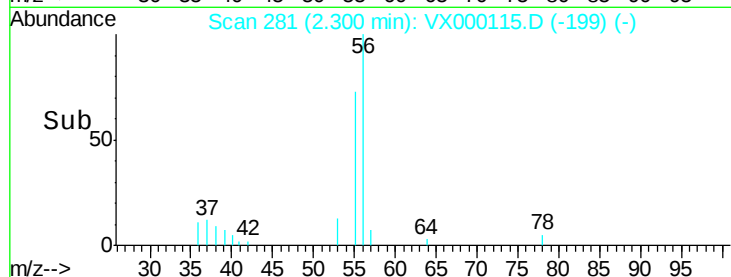
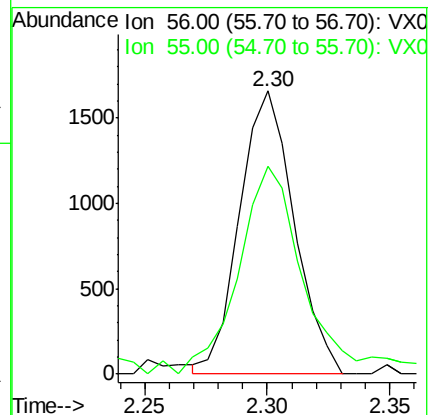
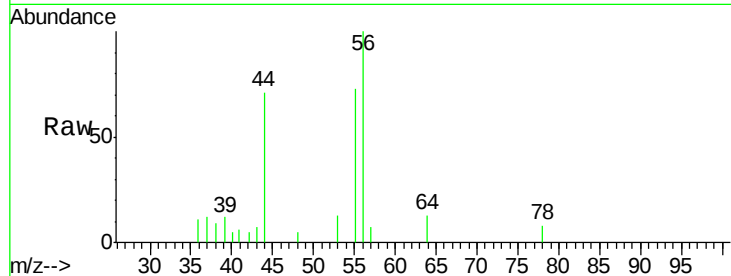
55 83.9 57.3 85.9

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#14

Acrylonitrile

Concen: 10.90 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX000115.D

Acq: 20 Feb 2018 18:46

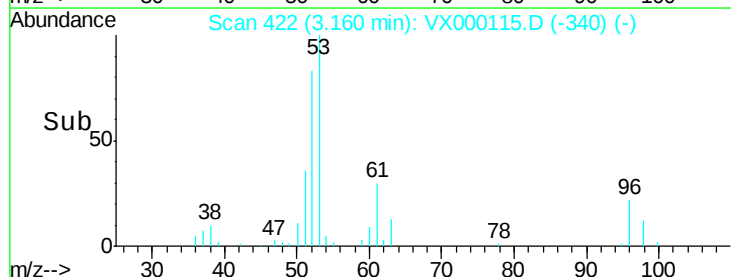
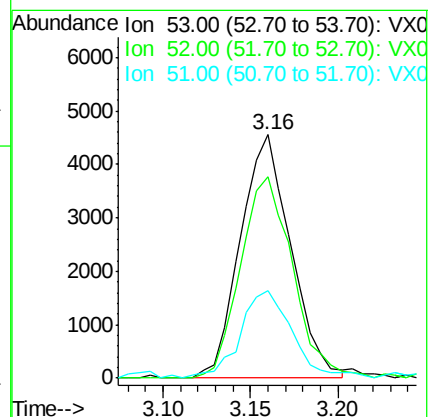
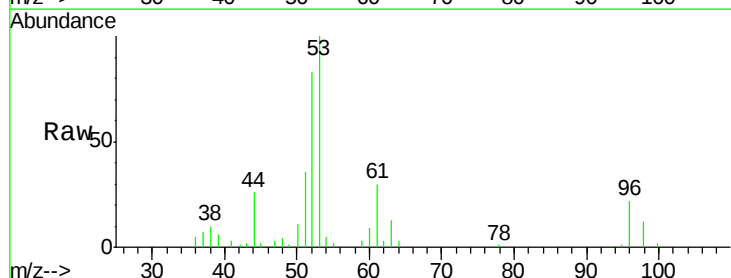
Tgt Ion: 53 Resp: 9120

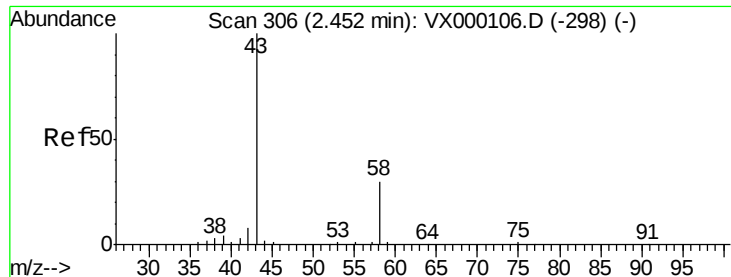
Ion Ratio Lower Upper

53 100

52 85.7 41.9 125.8

51 36.5 18.8 56.3





#15

Acetone

Concen: 10.50 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000115.D

Acq: 20 Feb 2018 18:46

Tot Ion: 58 Resp: 2863

Ion Ratio Lower Upper

58 100

43 292.3 264.6 396.8

Instrument :

MSVOA_X

ClientSampleId :

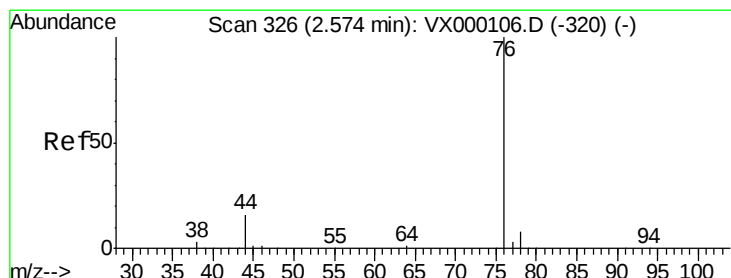
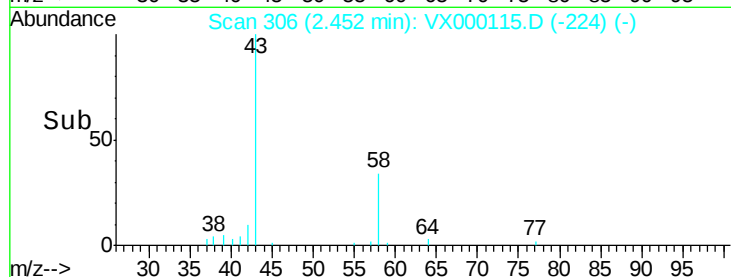
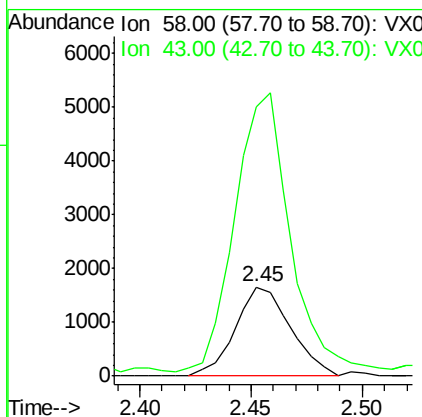
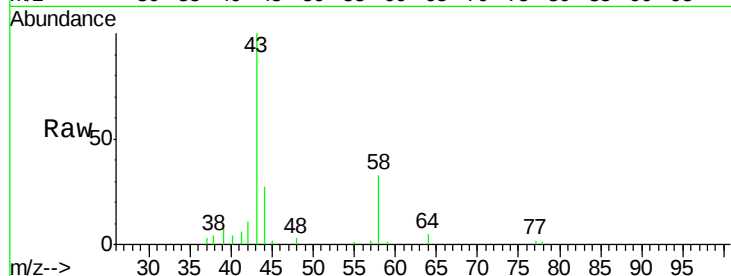
MDL02 2PPB

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#16

Carbon Disulfide

Concen: 2.14 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000115.D

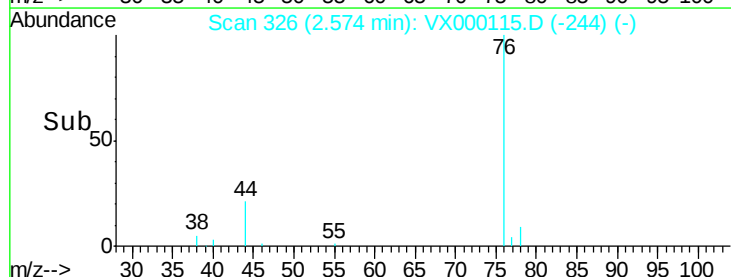
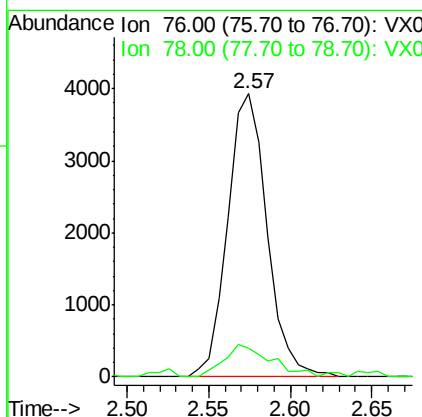
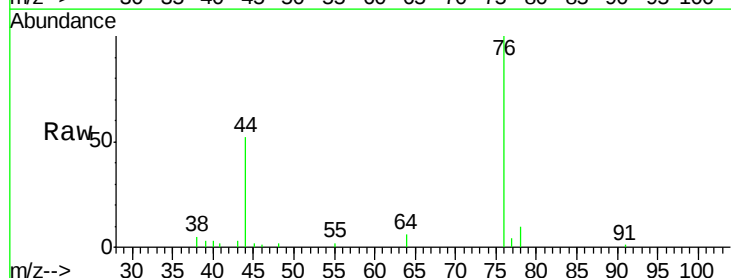
Acq: 20 Feb 2018 18:46

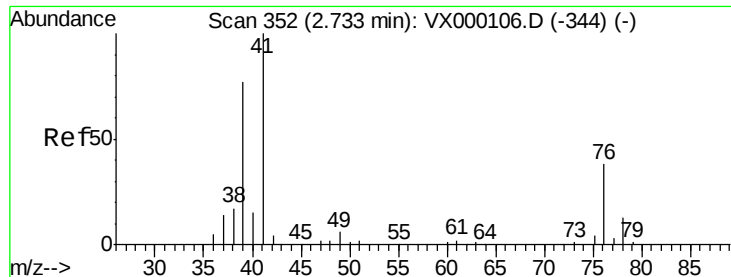
Tgt Ion: 76 Resp: 6616

Ion Ratio Lower Upper

76 100

78 10.3 6.8 10.2#





#17

Allvl chloride

Concen: 2.15 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000115.D

Acq: 20 Feb 2018 18:46

Instrument :

MSVOA_X

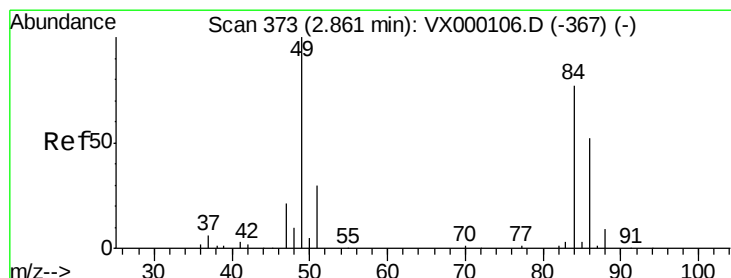
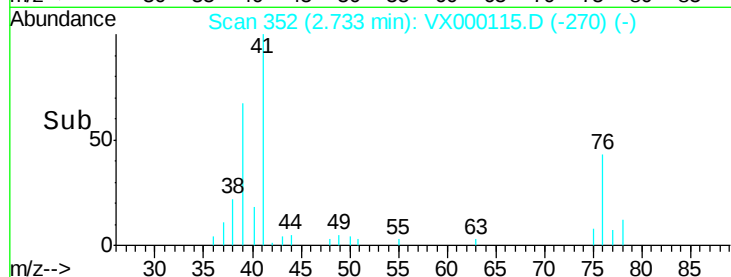
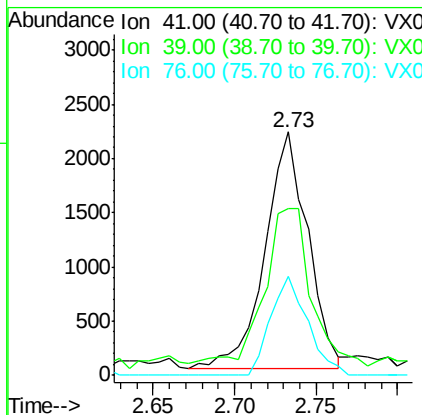
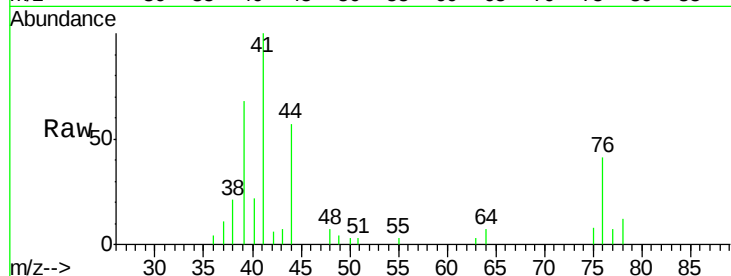
ClientSampleId :

MDL02 2PPB

Tot Ion:	41	Resp:	3957
Ion	Ratio	Lower	Upper
41	100		
39	65.5	38.5	115.5
76	41.9	18.7	56.1

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#18

Methylene Chloride

Concen: 2.57 ug/l

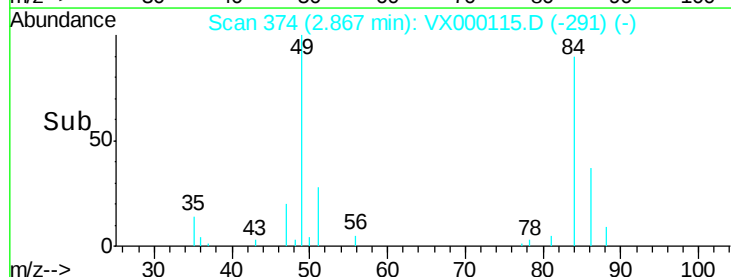
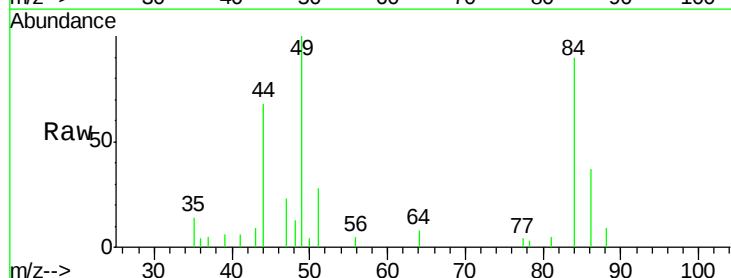
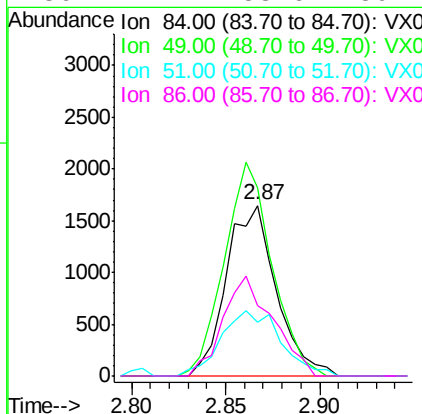
RT: 2.87 min Scan# 374

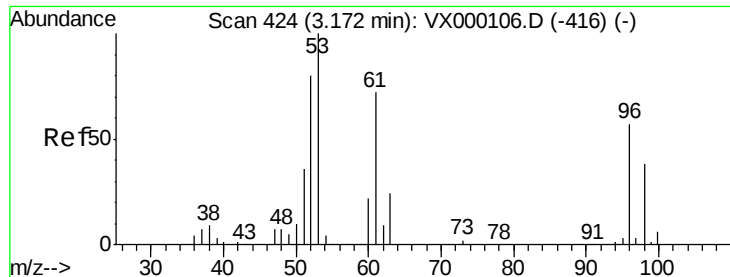
Delta R.T. 0.01 min

Lab File: VX000115.D

Acq: 20 Feb 2018 18:46

Tgt Ion:	84	Resp:	3029
Ion	Ratio	Lower	Upper
84	100		
49	110.7	103.3	154.9
51	31.4	31.2	46.8
86	41.2	53.6	80.4#





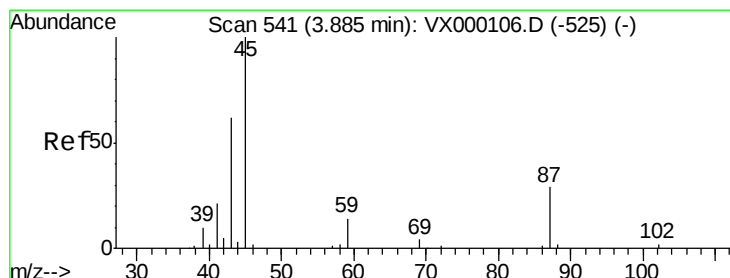
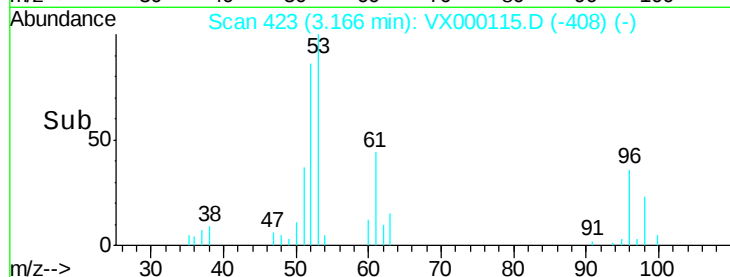
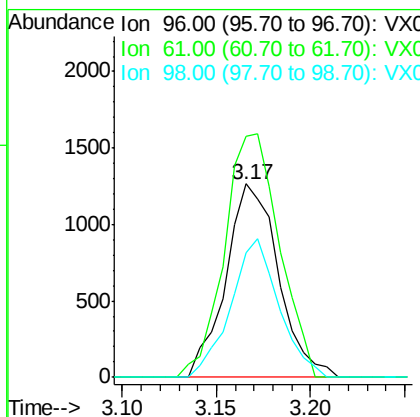
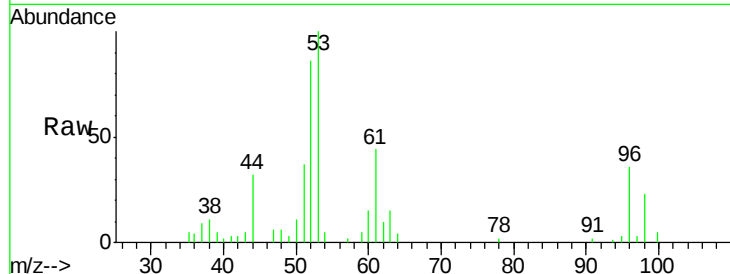
#19
trans-1,2-Dichloroethene
Concen: 2.09 ug/l
RT: 3.17 min Scan# 423
Delta R.T. -0.01 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Instrument :
MSVOA_X
ClientSampleId :
MDL02 2PPB

Tot Ion	Ratio	Lower	Upper
96	100		
61	124.7	101.0	151.6
98	64.3	53.3	79.9

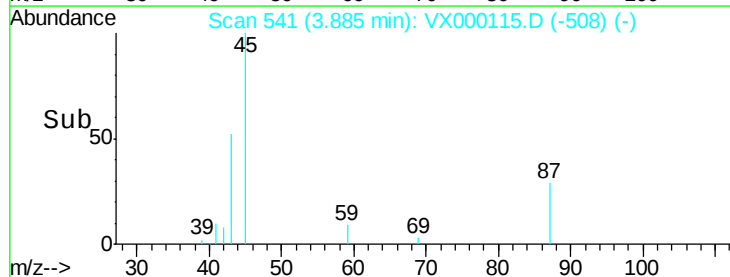
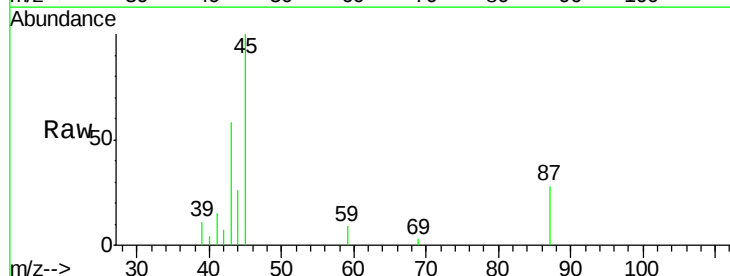
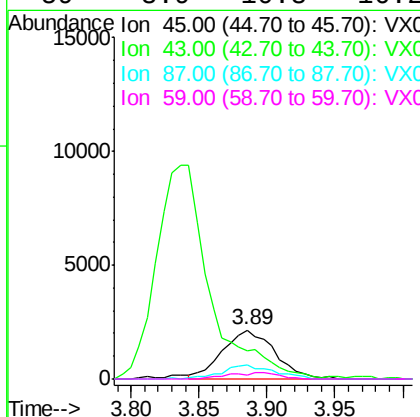
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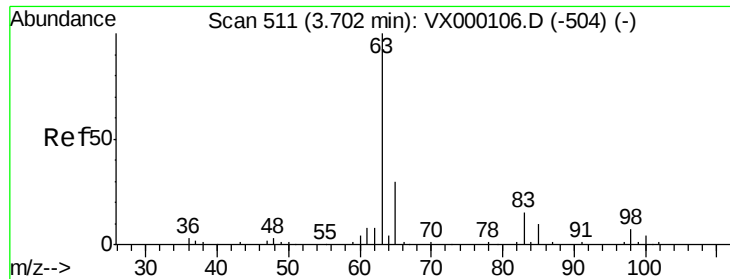
apatel
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#20
Diisopropyl ether
Concen: 1.98 ug/l
RT: 3.89 min Scan# 541
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Tgt Ion	Ratio	Lower	Upper
45	100		
43	54.0	49.6	74.4
87	27.9	23.1	34.7
59	8.9	10.8	16.2#





#21

1,1-Dichloroethane

Concen: 2.08 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX000115.D

Acq: 20 Feb 2018 18:46

Instrument :

MSVOA_X

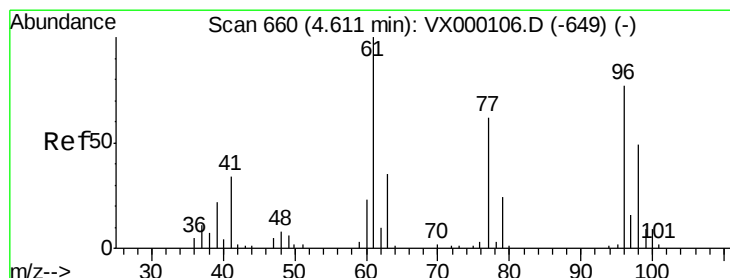
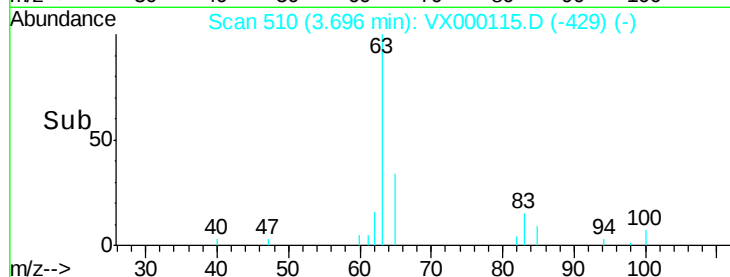
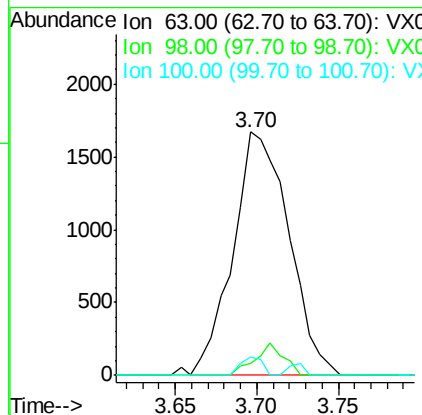
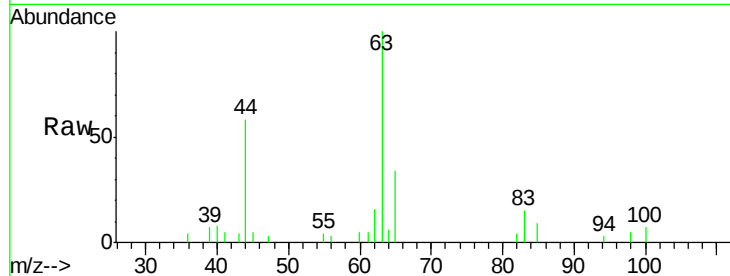
ClientSampleId :

MDL02 2PPB

Tot Ion:	63	Resp:	3986
Ion Ratio	Lower	Upper	
63	100		
98	5.0	3.3	9.9
100	7.5	2.1	6.5#

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#22

cis-1,2-Dichloroethene

Concen: 2.12 ug/l

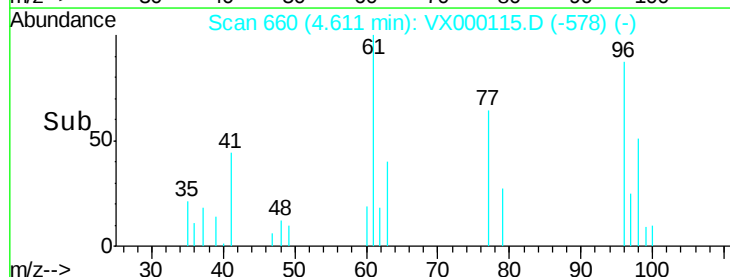
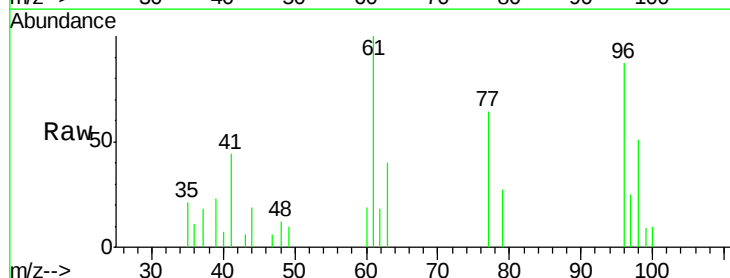
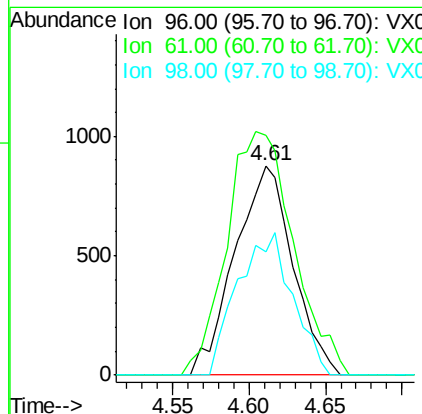
RT: 4.61 min Scan# 660

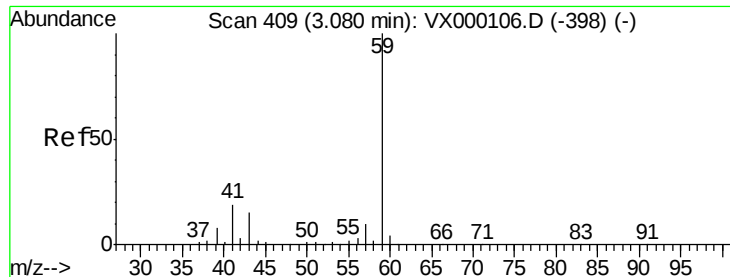
Delta R.T. -0.00 min

Lab File: VX000115.D

Acq: 20 Feb 2018 18:46

Tgt Ion:	96	Resp:	2317
Ion Ratio	Lower	Upper	
96	100		
61	133.3	113.5	170.3
98	64.2	51.8	77.8





#23

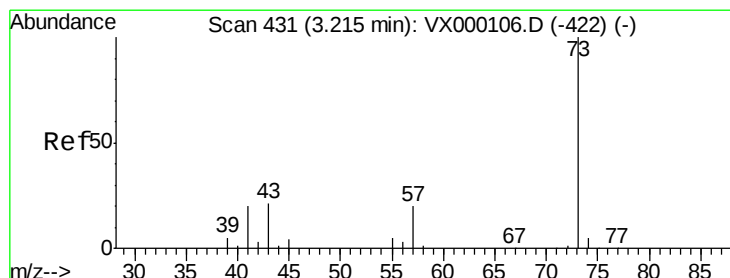
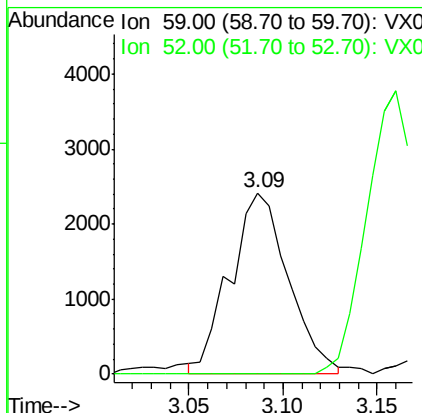
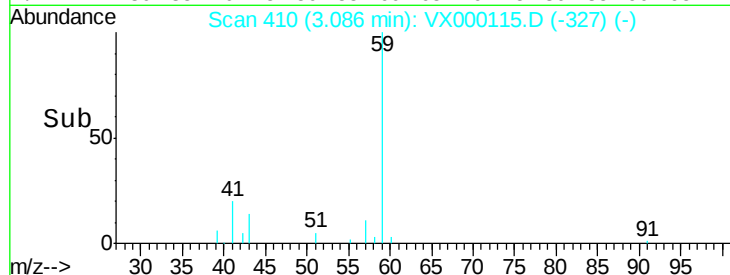
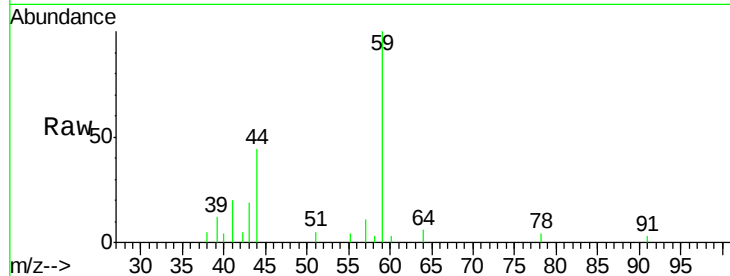
tert-Butyl Alcohol
 Concen: 10.82 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. 0.01 min
 Lab File: VX000115.D
 Acq: 20 Feb 2018 18:46

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL02 2PPB

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

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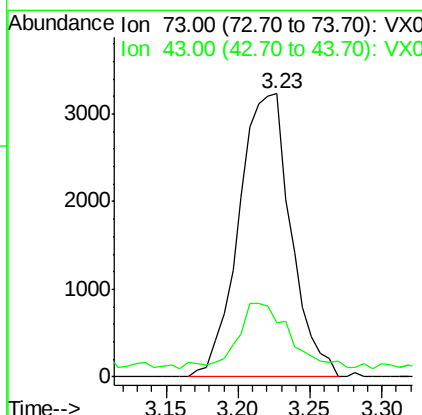
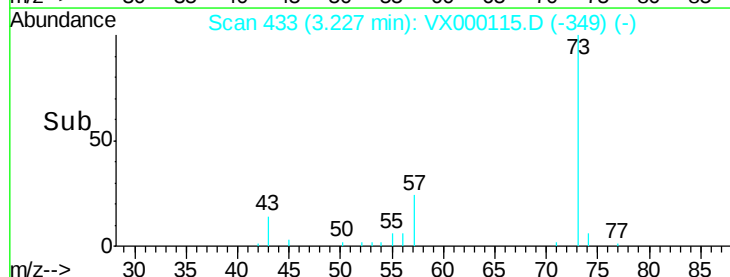
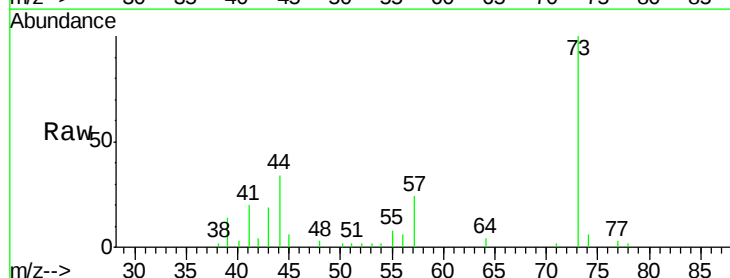
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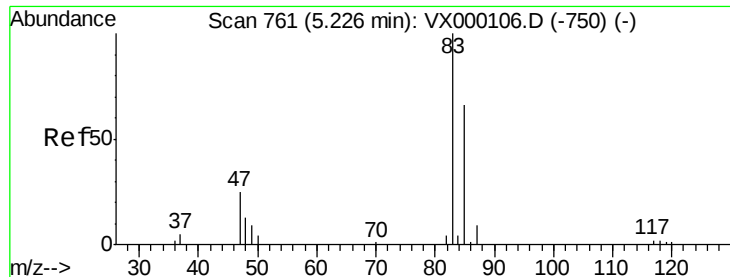


#24

Methyl tert-Butyl Ether
 Concen: 2.18 ug/l
 RT: 3.23 min Scan# 433
 Delta R.T. 0.01 min
 Lab File: VX000115.D
 Acq: 20 Feb 2018 18:46

Tgt Ion	Ratio	Lower	Upper
73	100		
43	24.0	16.5	24.7





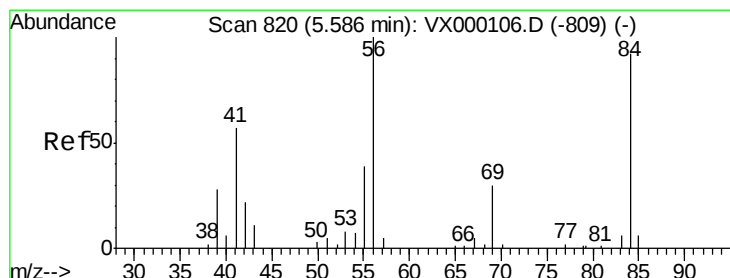
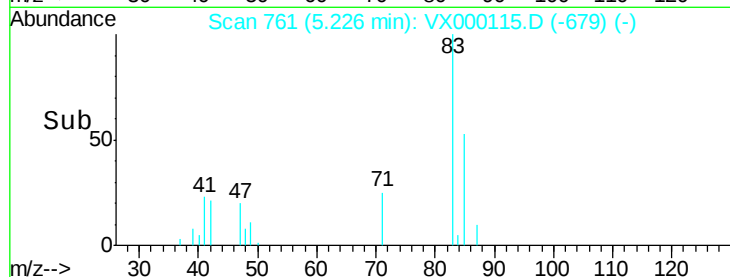
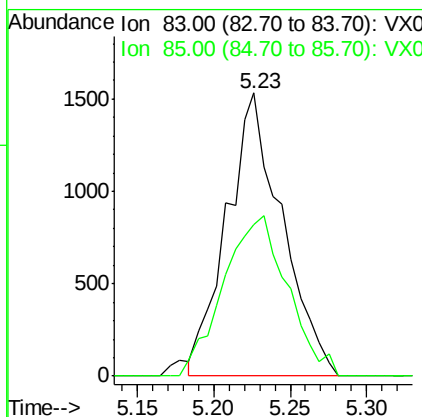
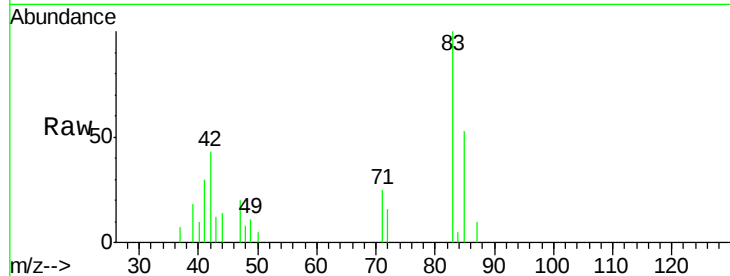
#25
Chloroform
Concen: 2.02 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Instrument :
MSVOA_X
ClientSampleId :
MDL02 2PPB

Tot Ion: 83 Resp: 3844
Ion Ratio Lower Upper
83 100
85 53.3 52.5 78.7

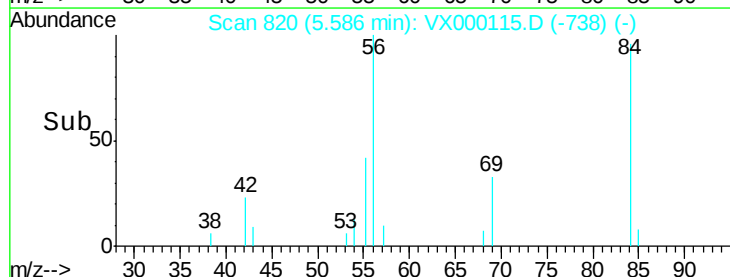
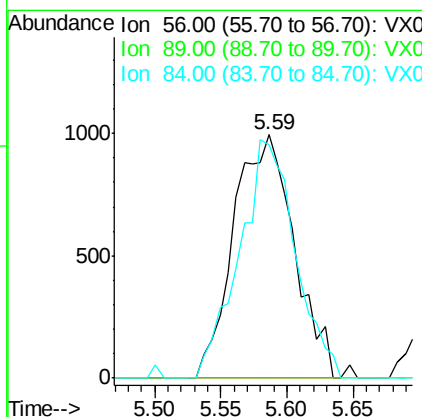
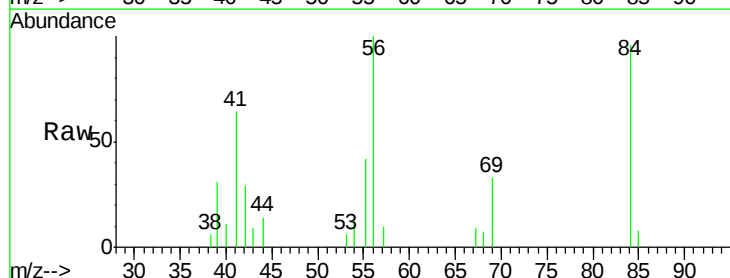
Manual Integrations
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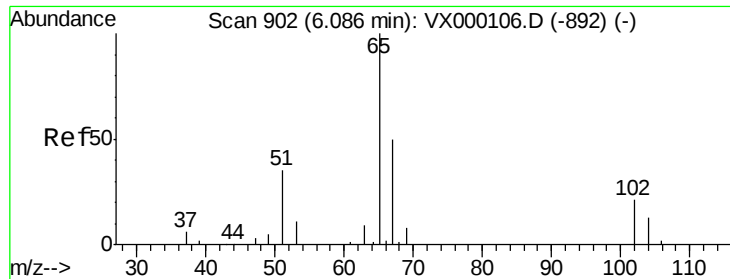
apatel
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#26
Cyclohexane
Concen: 2.09 ug/l m
RT: 5.59 min Scan# 820
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Tgt Ion: 56 Resp: 3149
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 91.1 74.8 112.2





#27

1,2-Dichloroethane-d4

Concen: 30.90 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.01 min

Lab File: VX000115.D

Acq: 20 Feb 2018 18:46

Tot Ion: 65 Resp: 38669

Ion Ratio Lower Upper

65 100

67 50.9 41.4 62.2

Instrument :

MSVOA_X

ClientSampleId :

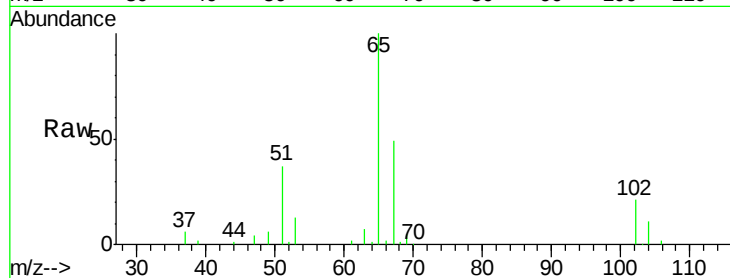
MDL02 2PPB

Manual Integrations

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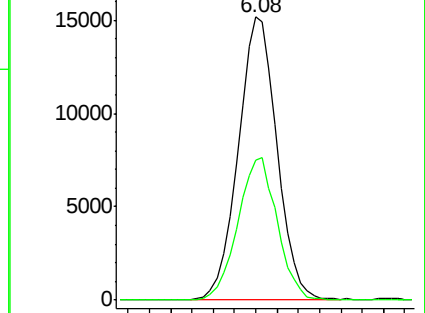
apatel

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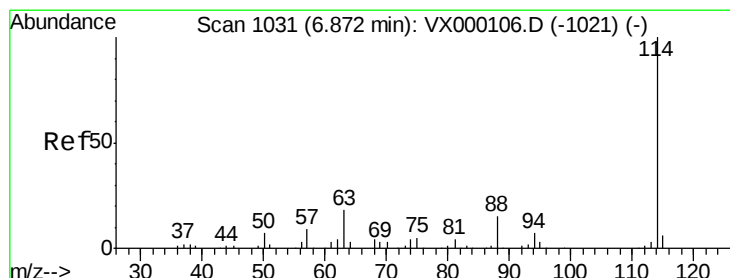
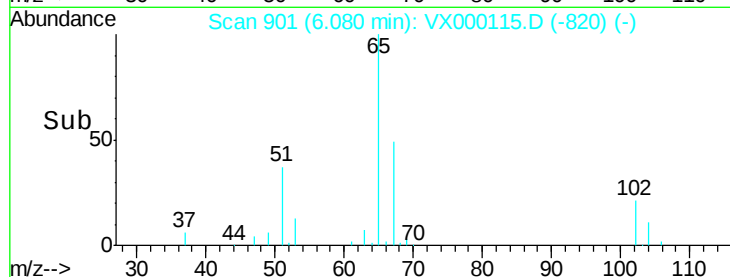


Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



Time-->



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000115.D

Acq: 20 Feb 2018 18:46

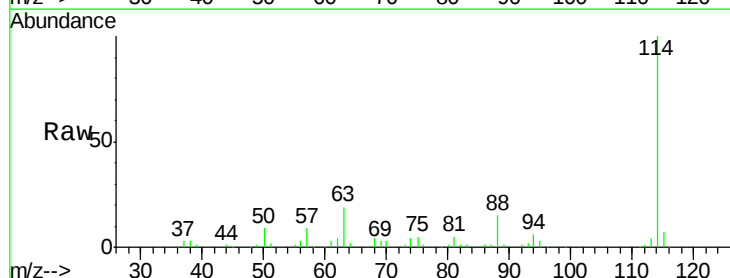
Tgt Ion: 114 Resp: 95489

Ion Ratio Lower Upper

114 100

63 18.9 15.0 22.4

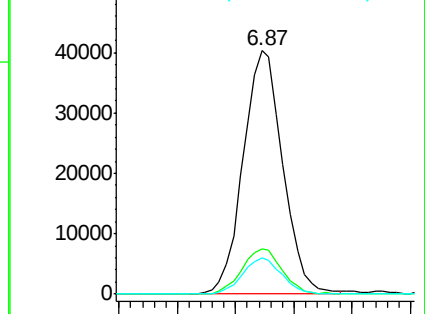
88 14.7 11.8 17.8



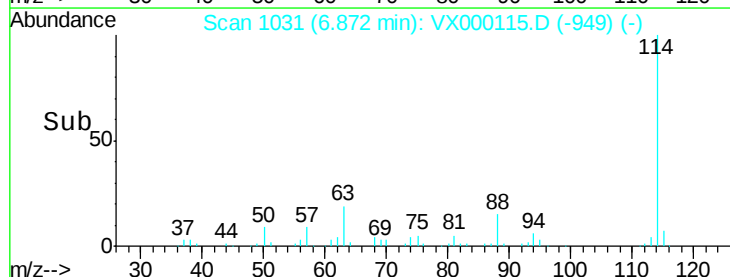
Abundance Ion 114.00 (113.70 to 114.70): V

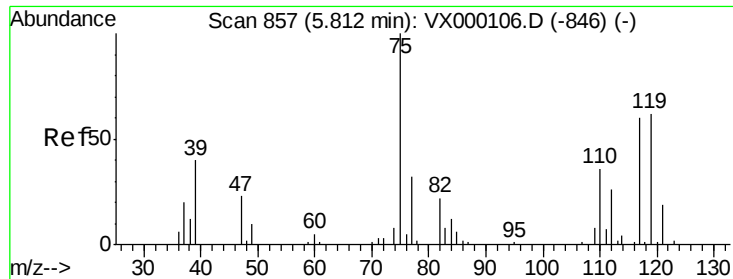
Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0



Time-->





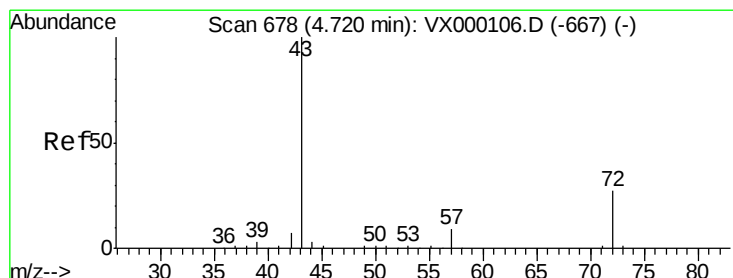
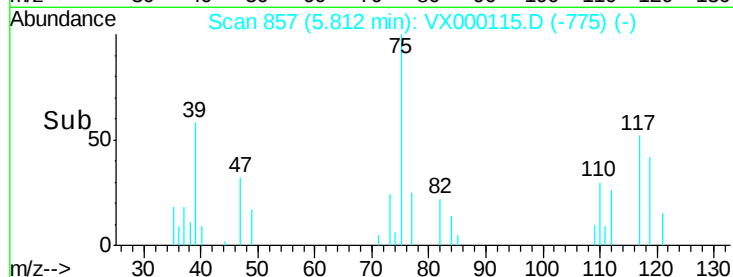
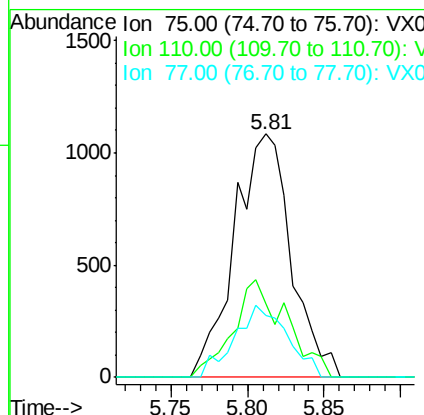
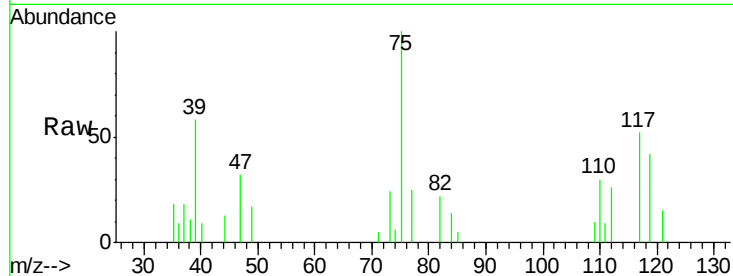
#29
 1,1-Dichloropropene
 Concen: 2.00 ug/l
 RT: 5.81 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: VX000115.D
 Acq: 20 Feb 2018 18:46

Instrument :
 MSVOA_X
 ClientSampled :
 MDL02 2PPB

Tot Ion	Ratio	Lower	Upper
75	100		
110	26.6	0.0	75.6
77	25.4	0.0	62.6

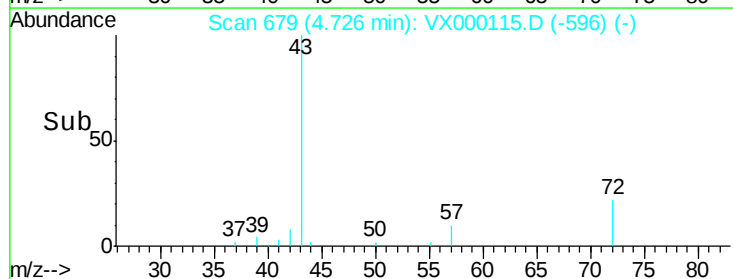
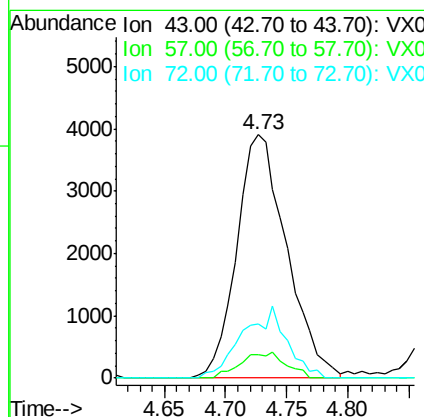
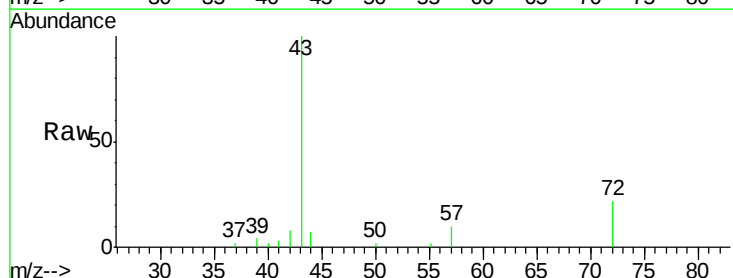
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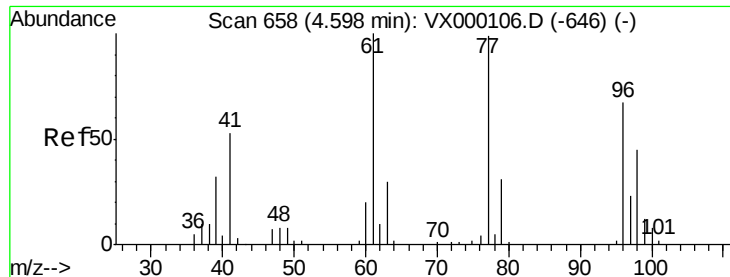
apatel
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#30
 2-Butanone
 Concen: 10.34 ug/l
 RT: 4.73 min Scan# 679
 Delta R.T. 0.01 min
 Lab File: VX000115.D
 Acq: 20 Feb 2018 18:46

Tgt Ion	Ratio	Lower	Upper
43	100		
57	5.8	6.6	10.0#
72	15.1	21.8	32.6#





#31

2,2-Dichloropropane

Concen: 1.92 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000115.D

Acq: 20 Feb 2018 18:46

Instrument :

MSVOA_X

ClientSampled :

MDL02 2PPB

Tot Ion: 77 Resp: 2877

Ion Ratio Lower Upper

77 100

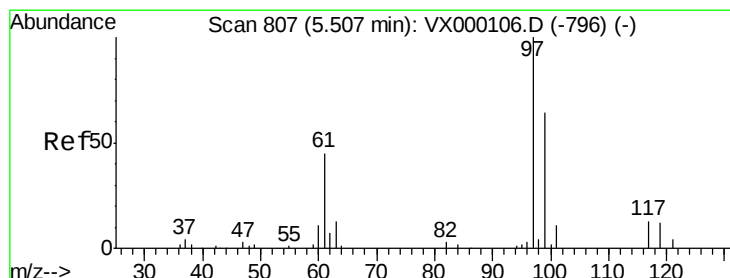
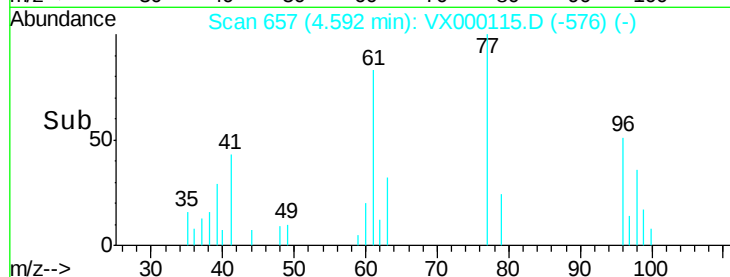
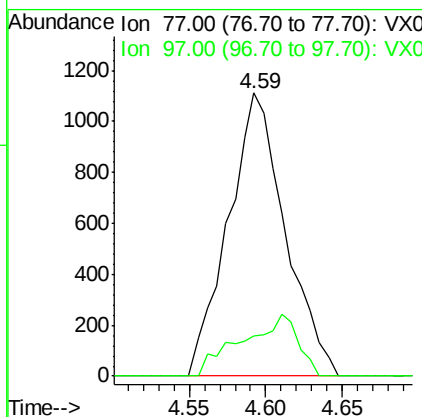
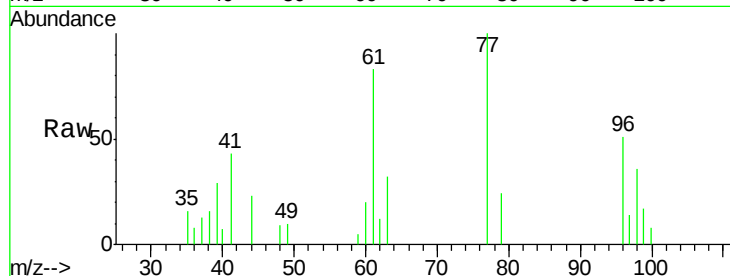
97 5.4 18.6 27.8#

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 2.00 ug/l m

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX000115.D

Acq: 20 Feb 2018 18:46

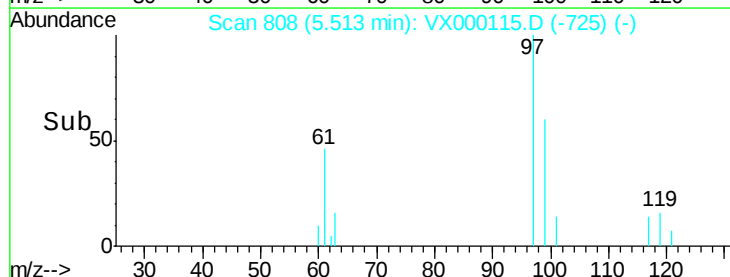
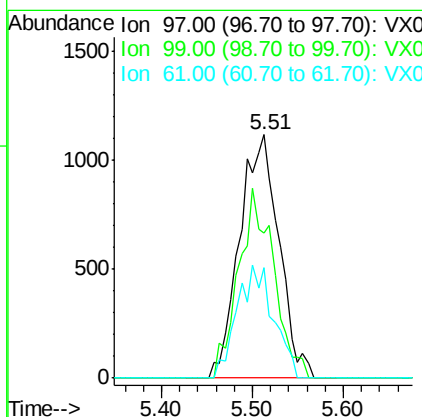
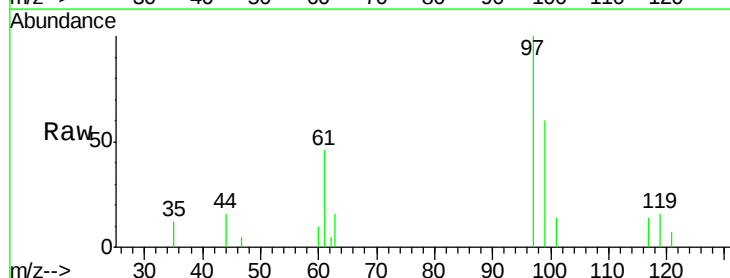
Tgt Ion: 97 Resp: 3362

Ion Ratio Lower Upper

97 100

99 0.0 52.3 78.5#

61 0.0 34.3 51.5#





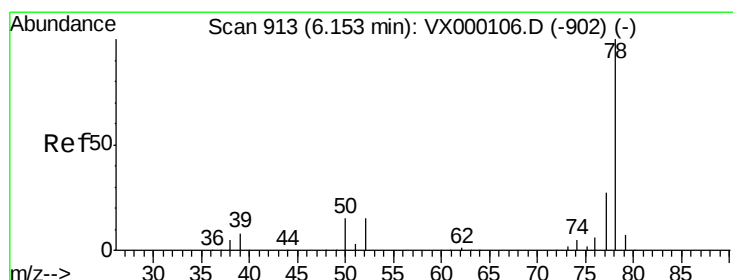
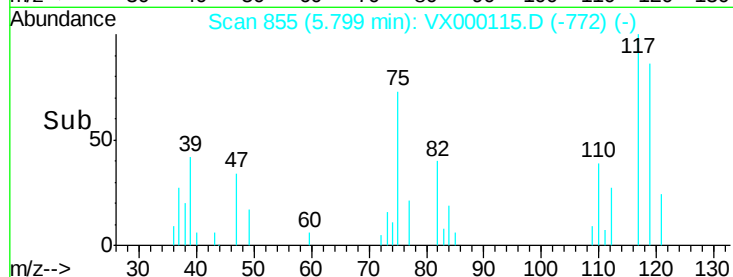
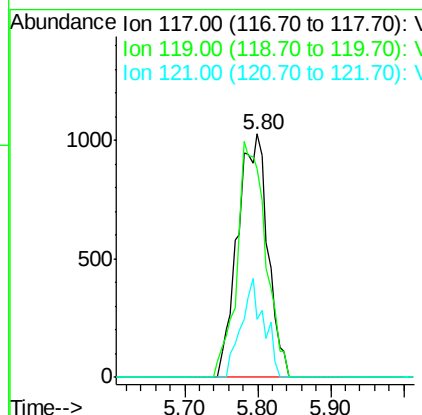
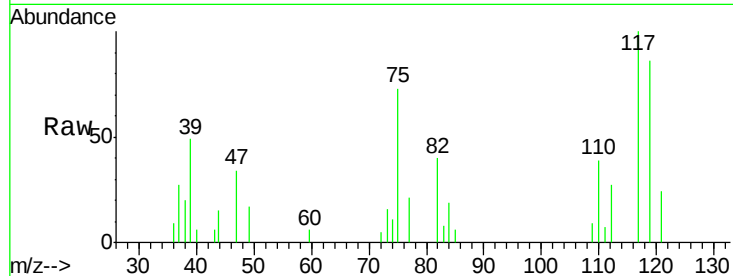
#33
Carbon Tetrachloride
Concen: 1.96 ug/l m
RT: 5.80 min Scan# 855
Delta R.T. 0.01 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Instrument :
MSVOA_X
ClientSampled :
MDL02 2PPB

Tot Ion:117 Resp: 2935
Ion Ratio Lower Upper
117 100
119 85.9 73.5 110.3
121 24.1 24.6 37.0#

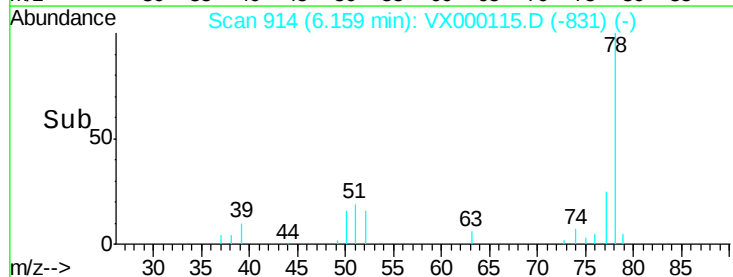
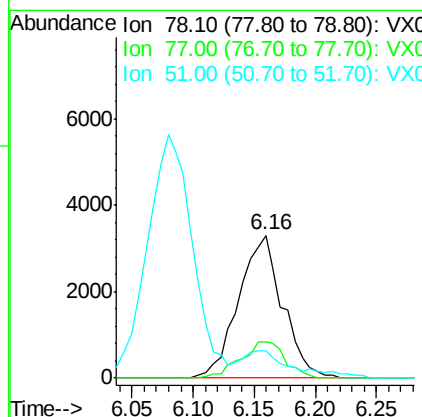
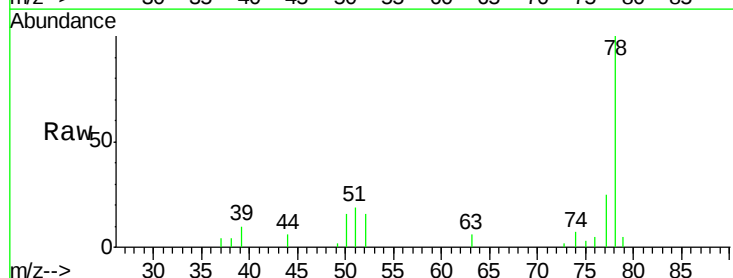
Manual Integrations
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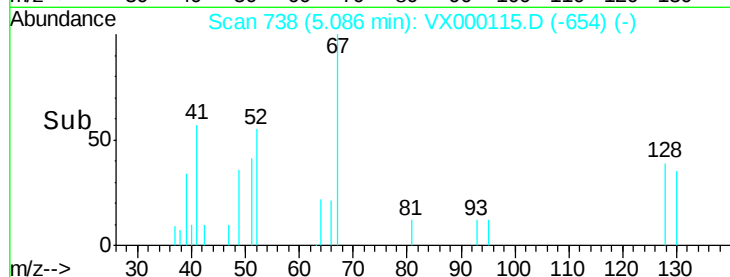
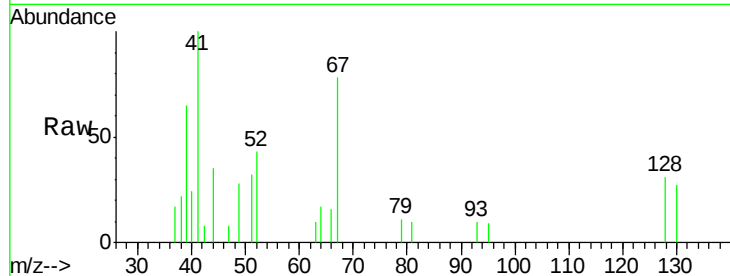
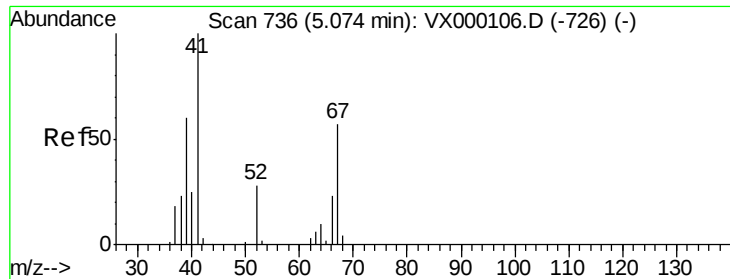
apatel
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#34
Benzene
Concen: 2.07 ug/l
RT: 6.16 min Scan# 914
Delta R.T. 0.01 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Tgt Ion: 78 Resp: 8281
Ion Ratio Lower Upper
78 100
77 25.2 21.7 32.5
51 15.6 14.9 22.3





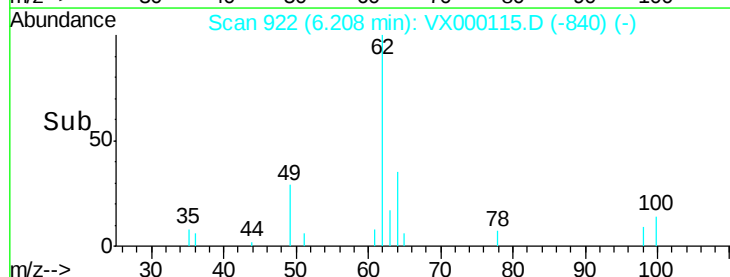
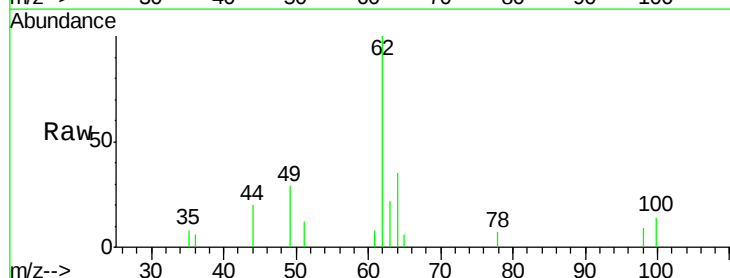
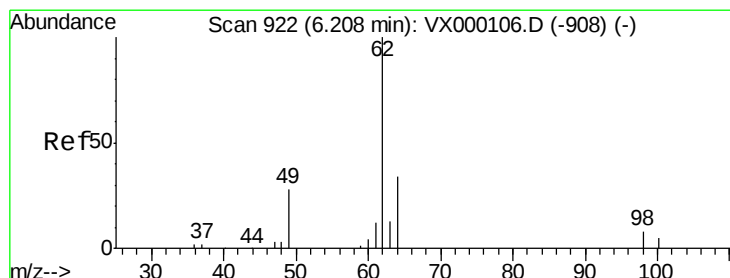
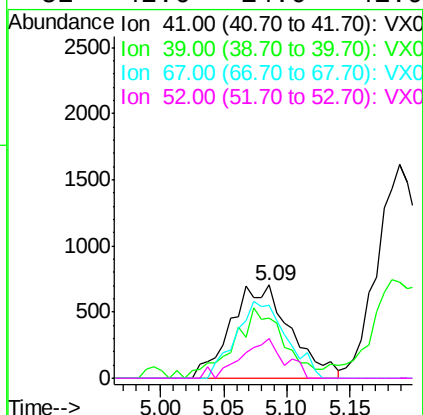
#35
Methacrylonitrile
Concen: 2.35 ug/l m
RT: 5.09 min Scan# 738
Delta R.T. 0.01 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Tot Ion	Ratio	Lower	Upper
41	100		
39	65.2	29.8	89.3
67	77.7	28.7	86.3
52	42.6	14.0	41.9#

Instrument :
MSVOA_X
ClientSampleId :
MDL02 2PPB

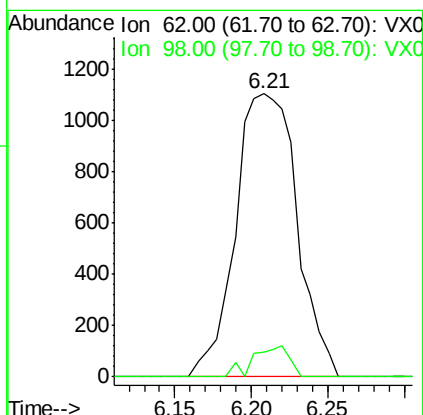
Manual Integrations
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#36
1,2-Dichloroethane
Concen: 2.03 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Tgt Ion	Ratio	Lower	Upper
62	100		
98	3.5	6.9	10.3#





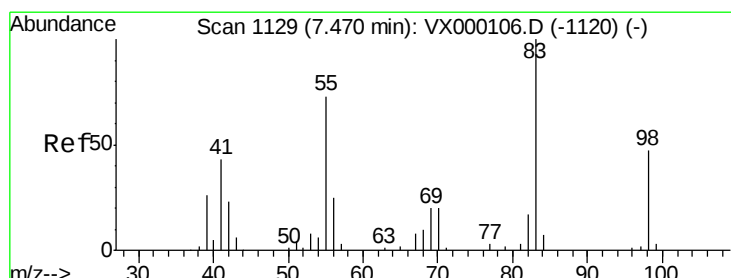
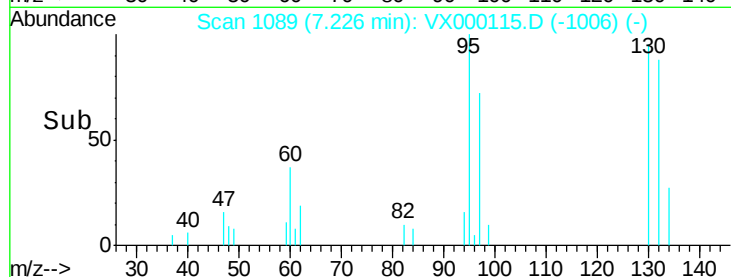
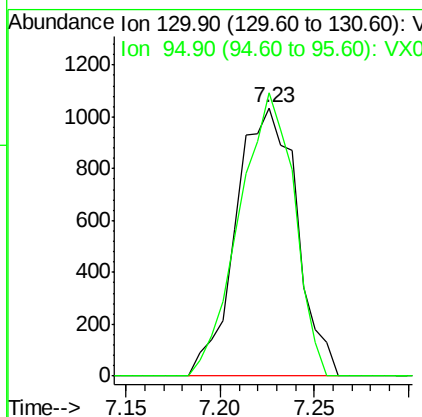
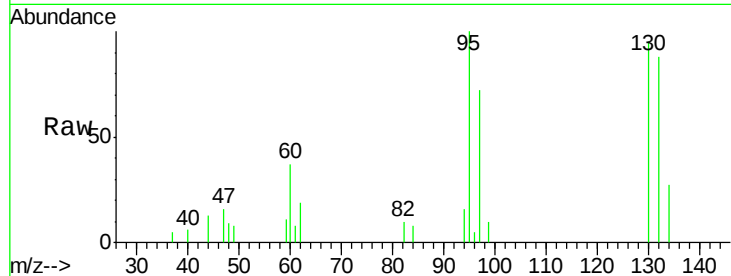
#37
 Trichloroethene
 Concen: 1.96 ug/l
 RT: 7.23 min Scan# 1089
 Delta R.T. 0.01 min
 Lab File: VX000115.D
 Acq: 20 Feb 2018 18:46

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL02 2PPB

Tot Ion:130 Resp: 2313
 Ion Ratio Lower Upper
 130 100
 95 105.6 74.6 112.0

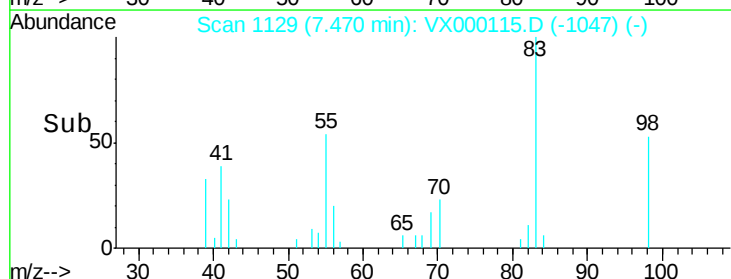
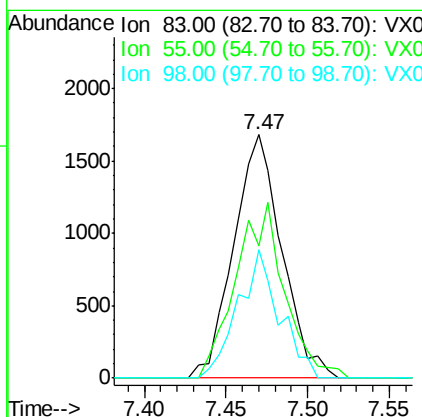
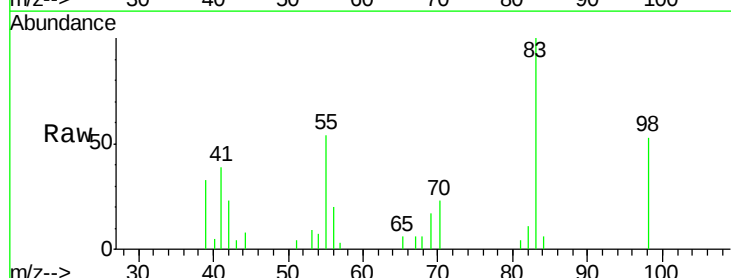
Manual Integrations
 APPROVED

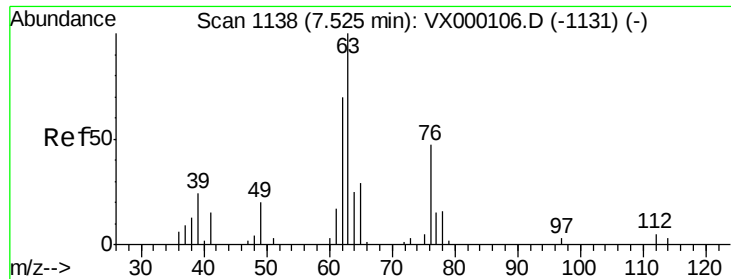
apatel
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#38
 Methylcyclohexane
 Concen: 2.08 ug/l
 RT: 7.47 min Scan# 1129
 Delta R.T. -0.00 min
 Lab File: VX000115.D
 Acq: 20 Feb 2018 18:46

Tgt Ion: 83 Resp: 3462
 Ion Ratio Lower Upper
 83 100
 55 72.8 35.9 107.7
 98 45.6 24.6 74.0





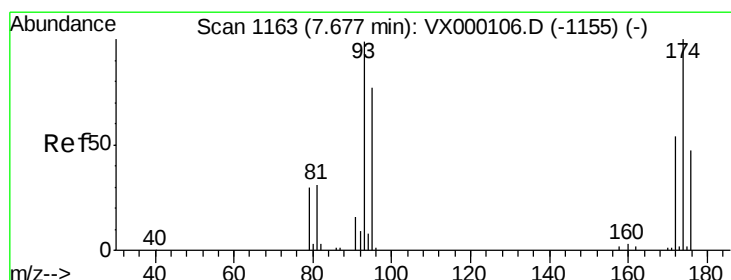
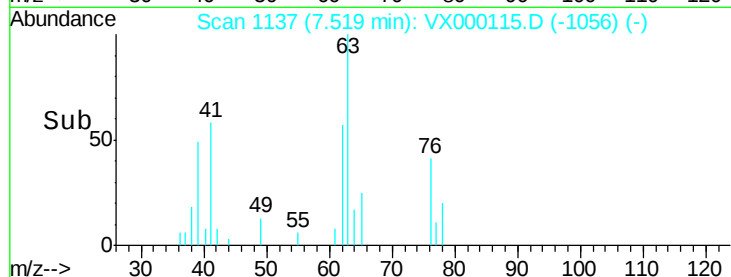
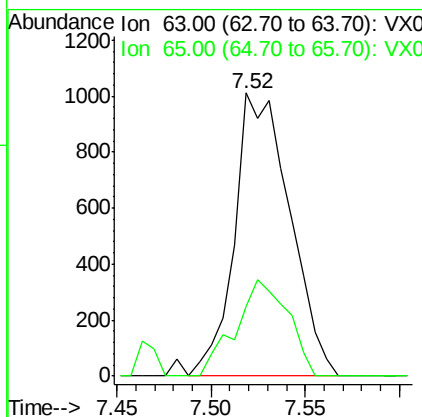
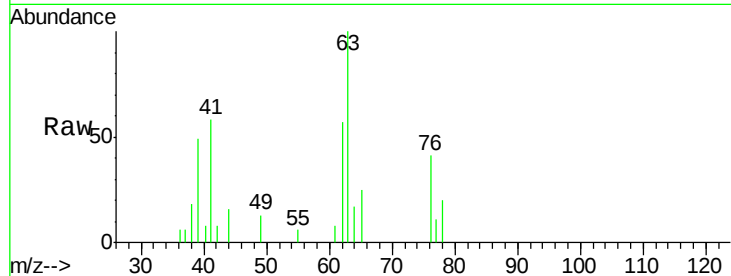
#39
 1,2-Dichloropropane
 Concen: 2.06 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX000115.D
 Acq: 20 Feb 2018 18:46

Instrument :
 MSVOA_X
 ClientSampled :
 MDL02 2PPB

Tot Ion: 63 Resp: 2059
 Ion Ratio Lower Upper
 63 100
 65 24.7 25.0 37.6#

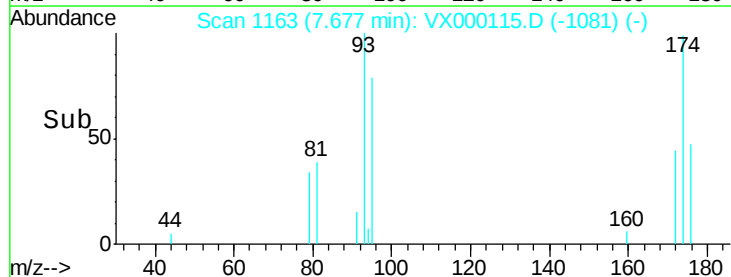
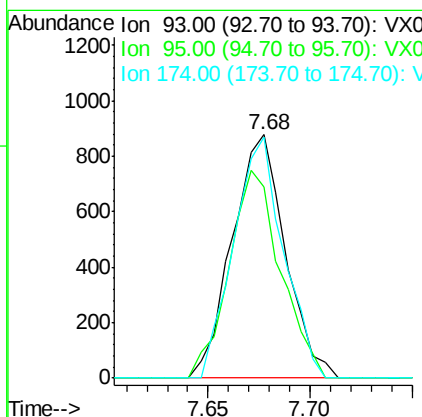
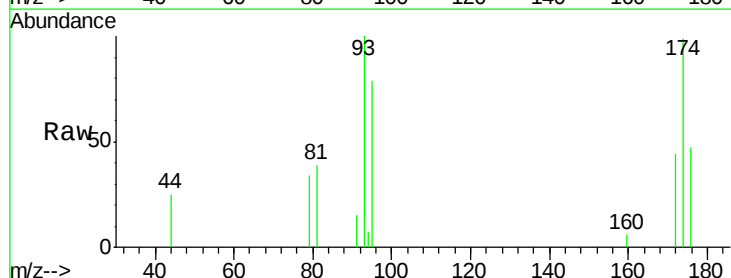
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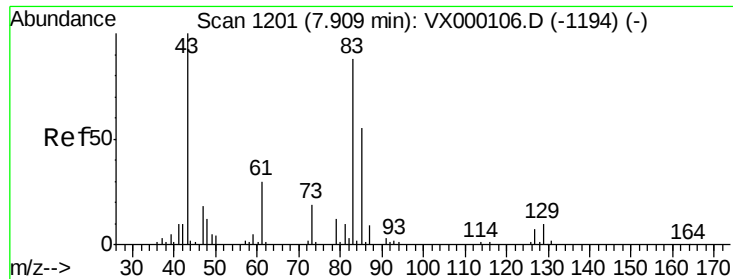
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#40
 Dibromomethane
 Concen: 2.07 ug/l
 RT: 7.68 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: VX000115.D
 Acq: 20 Feb 2018 18:46

Tgt Ion: 93 Resp: 1591
 Ion Ratio Lower Upper
 93 100
 95 82.8 0.0 170.6
 174 92.7 0.0 210.4





#41

Bromodichloromethane

Concen: 1.91 ug/l

RT: 7.91 min Scan# 1202

Delta R.T. 0.01 min

Lab File: VX000115.D

Acq: 20 Feb 2018 18:46

Instrument :

MSVOA_X

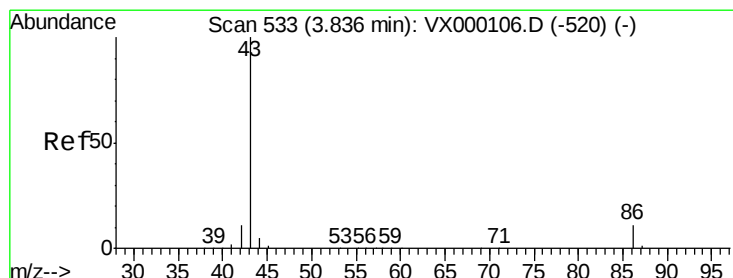
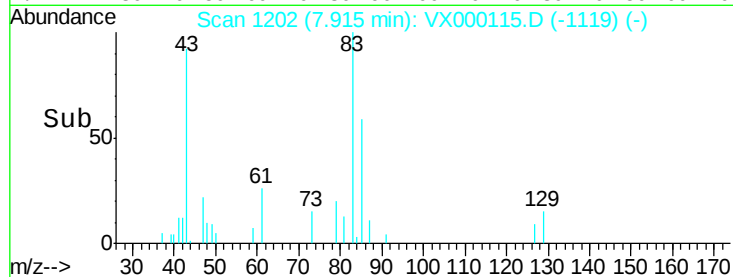
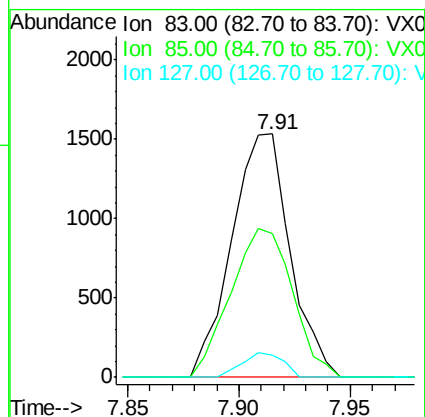
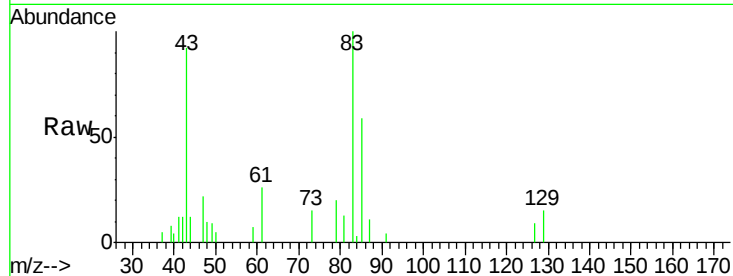
ClientSampleId :

MDL02 2PPB

Tot Ion:	83	Resp:	2800
Ion	Ratio	Lower	Upper
83	100		
85	59.3	50.0	75.0
127	8.9	6.6	10.0

Manual Integrations
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apatel
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#42

Vinyl Acetate

Concen: 9.42 ug/l

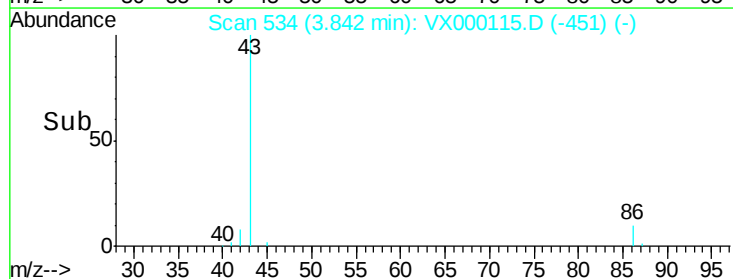
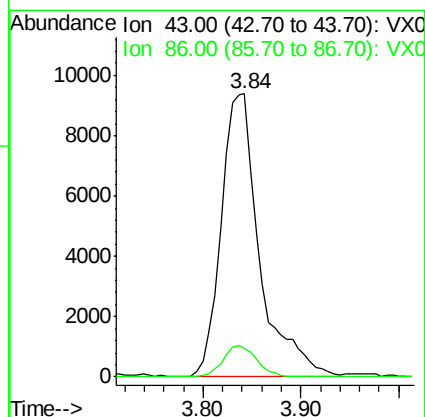
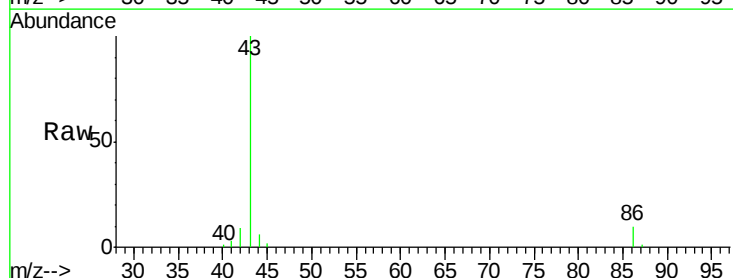
RT: 3.84 min Scan# 534

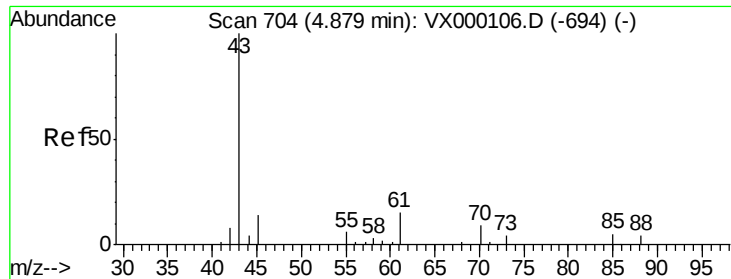
Delta R.T. 0.01 min

Lab File: VX000115.D

Acq: 20 Feb 2018 18:46

Tgt Ion:	43	Resp:	25689
Ion	Ratio	Lower	Upper
43	100		
86	9.6	7.8	11.6





#43

Ethyl Acetate

Concen: 2.20 ug/l

RT: 4.88 min Scan# 704

Delta R.T. -0.00 min

Lab File: VX000115.D

Acq: 20 Feb 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

MDL02 2PPB

Tot Ion: 43 Resp: 4136

Ion Ratio Lower Upper

43 100

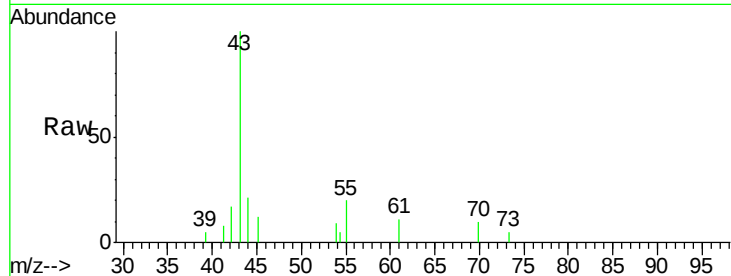
45 4.8 11.4 17.0#

Manual Integrations

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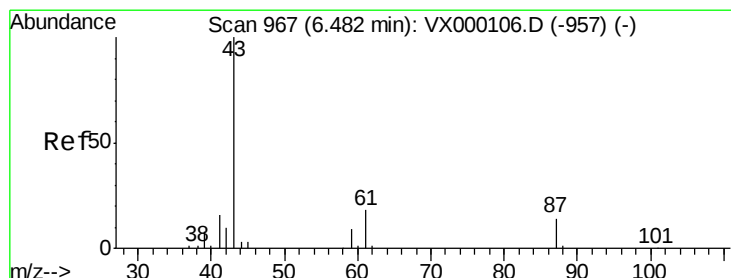
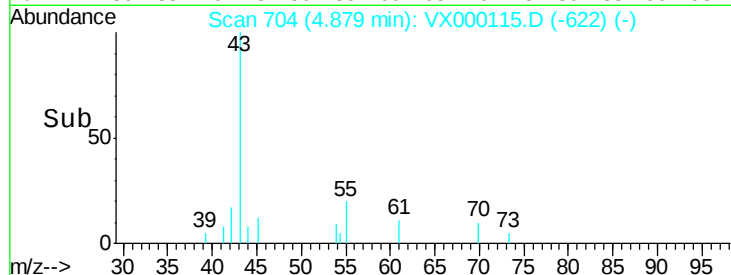
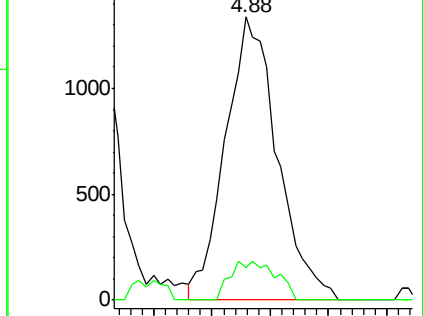
apatel

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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: 2.10 ug/l

RT: 6.49 min Scan# 968

Delta R.T. 0.01 min

Lab File: VX000115.D

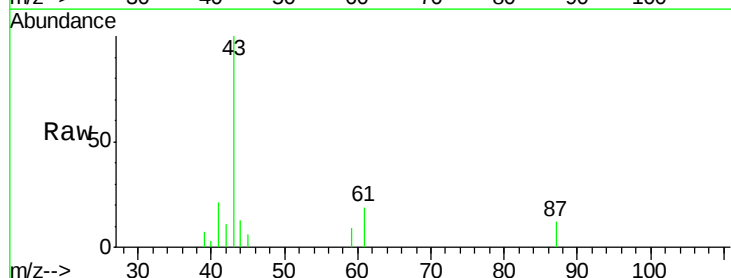
Acq: 20 Feb 2018 18:46

Tgt Ion: 43 Resp: 5795

Ion Ratio Lower Upper

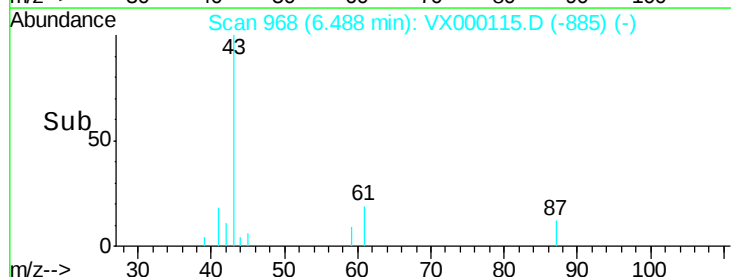
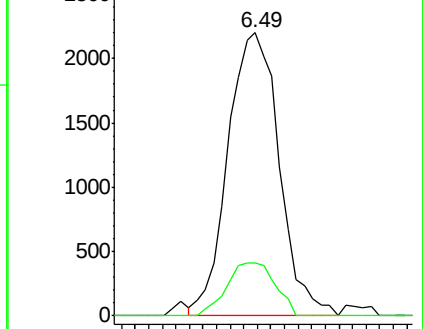
43 100

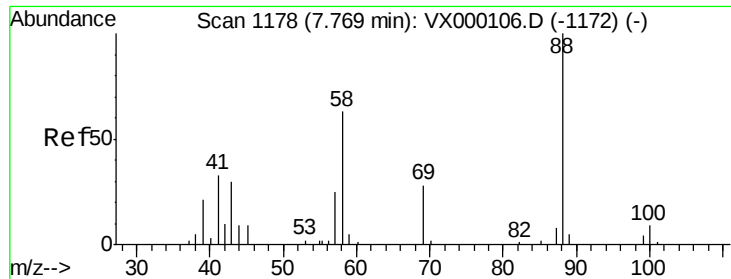
61 17.7 15.7 23.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





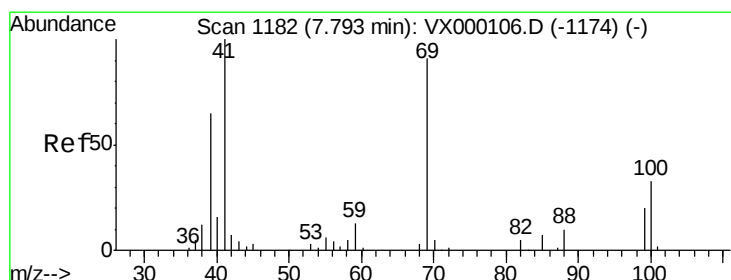
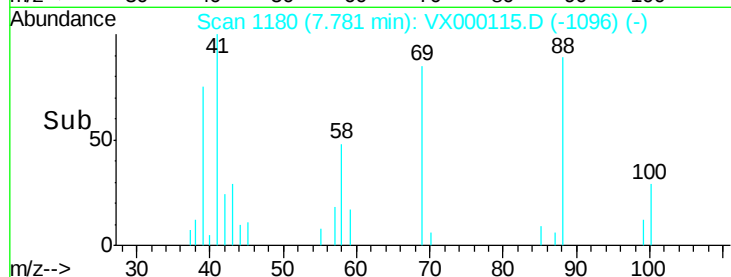
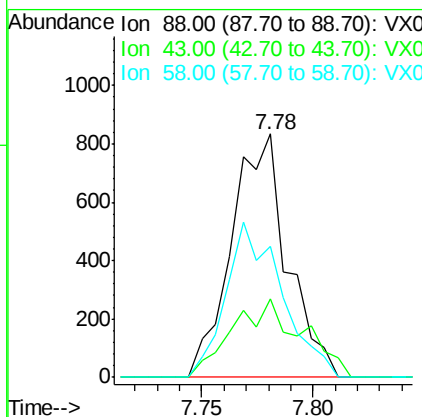
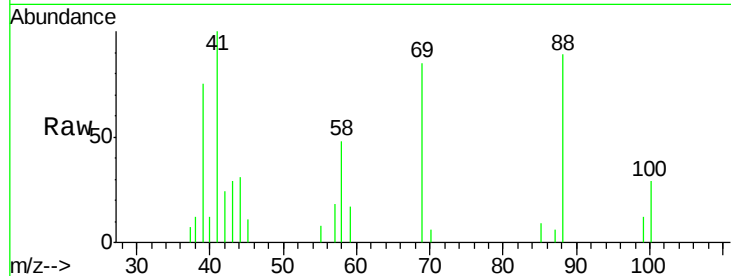
#45
1,4-Dioxane
Concen: 41.91 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. 0.01 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Instrument :
MSVOA_X
ClientSampleId :
MDL02 2PPB

Tot Ion	Ratio	Lower	Upper
88	100		
43	14.2	26.8	40.2#
58	0.0	52.1	78.1#

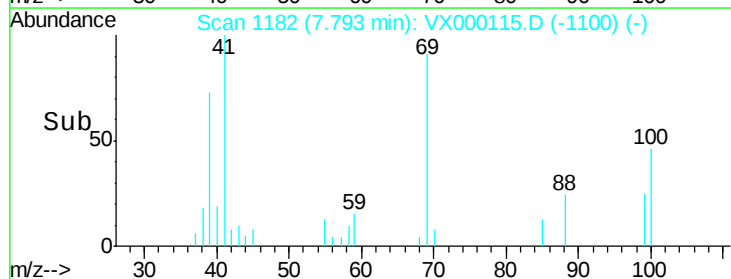
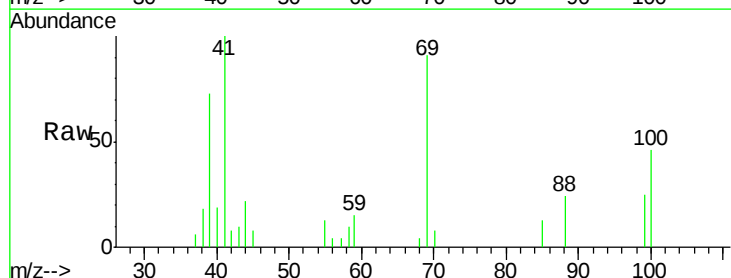
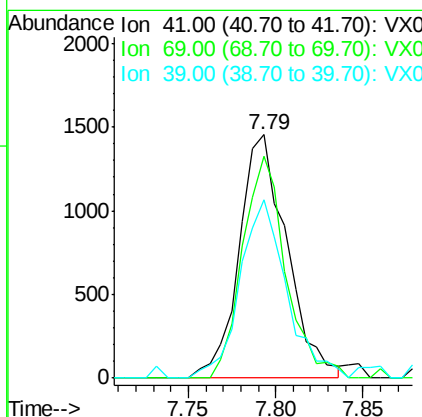
Manual Integrations
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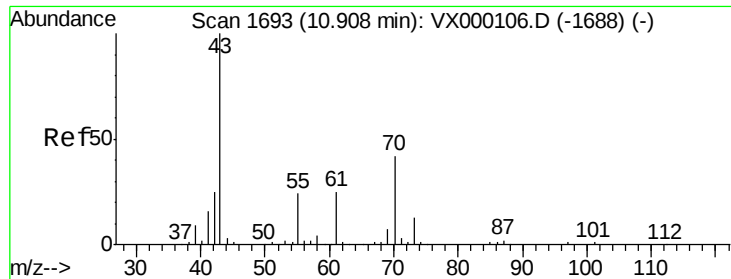
apatel
2/22/2018 4:04:54 PM



#46
Methyl methacrylate
Concen: 2.05 ug/l
RT: 7.79 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Tgt Ion	Ratio	Lower	Upper
41	100		
69	91.1	45.5	136.5
39	73.3	32.5	97.5





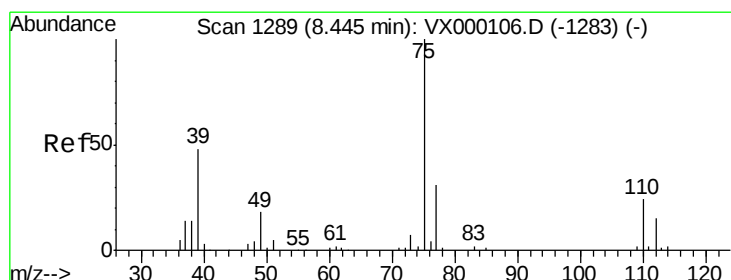
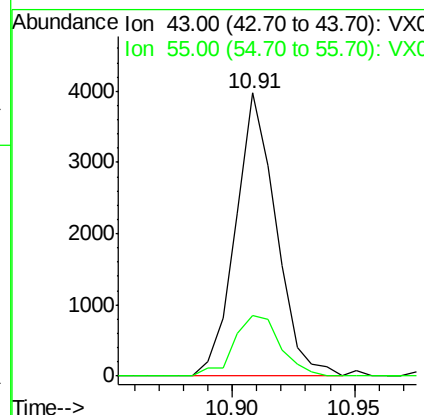
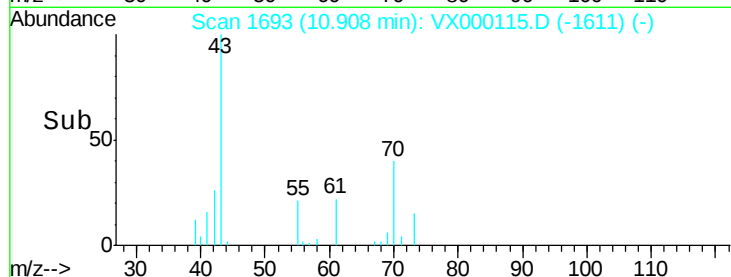
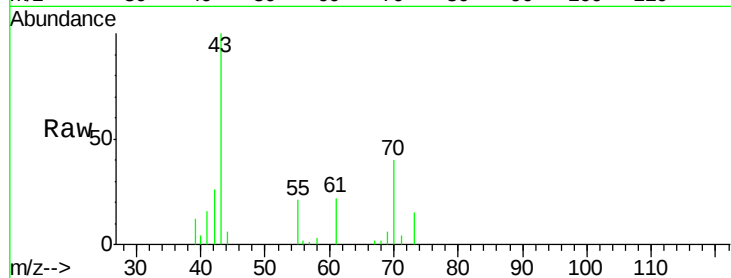
#47
n-amvl Acetate
Concen: 1.90 ug/l
RT: 10.91 min Scan# 1693
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Instrument :
MSVOA_X
ClientSampleId :
MDL02 2PPB

Tot Ion: 43 Resp: 4568
Ion Ratio Lower Upper
43 100
55 24.5 19.4 29.2

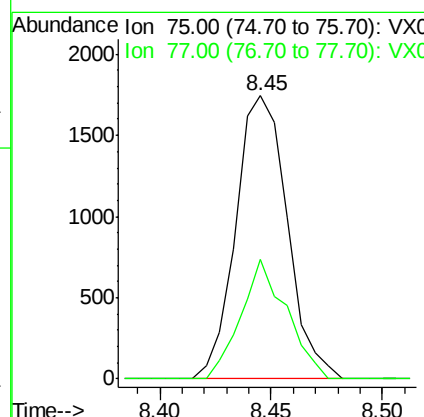
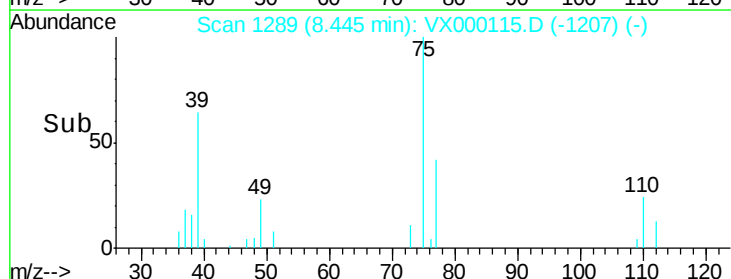
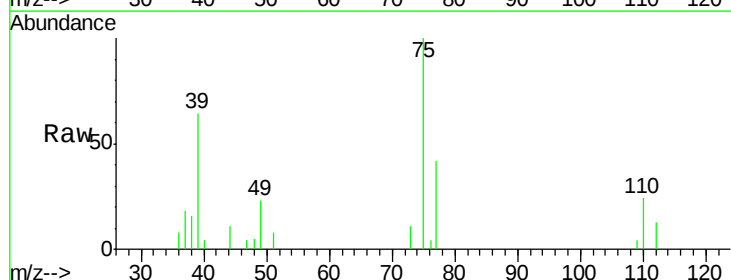
Manual Integrations
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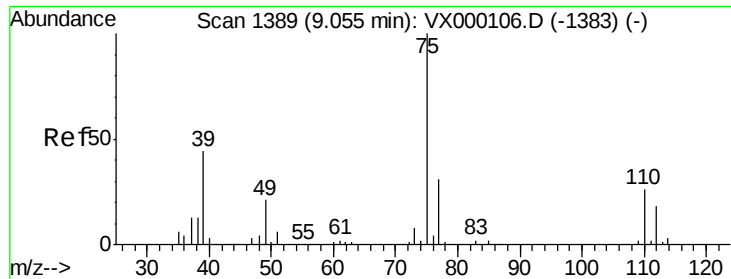
apatel
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#48
t-1,3-Dichloropropene
Concen: 1.65 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Tgt Ion: 75 Resp: 2813
Ion Ratio Lower Upper
75 100
77 42.2 24.6 37.0#





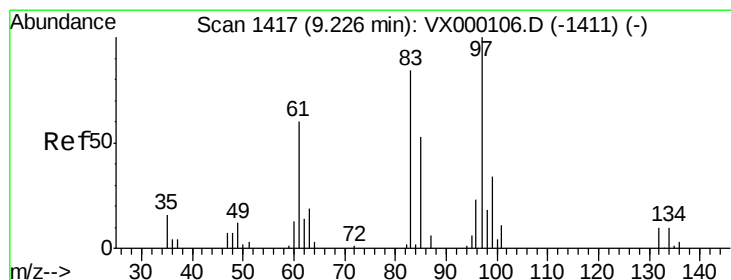
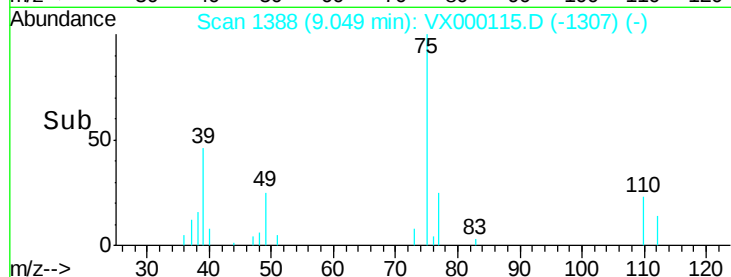
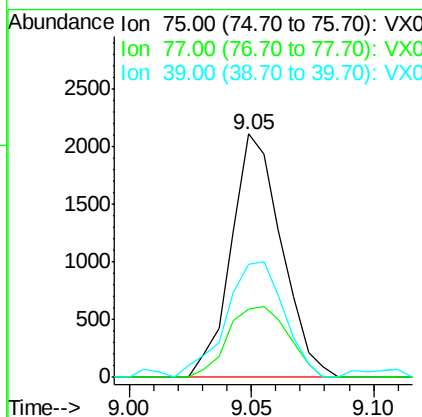
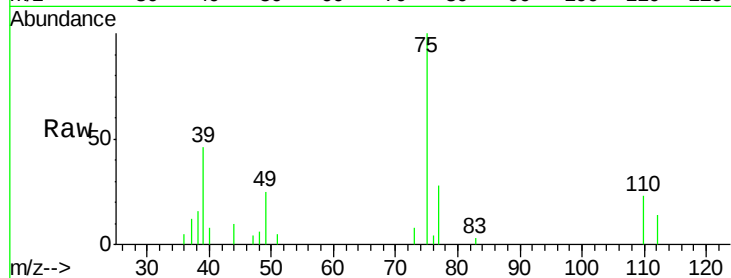
#49
 cis-1,3-Dichloropropene
 Concen: 1.82 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: VX000115.D
 Acq: 20 Feb 2018 18:46

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL02 2PPB

Tot Ion	Ratio	Lower	Upper
75	100		
77	28.0	24.5	36.7
39	46.4	35.6	53.4

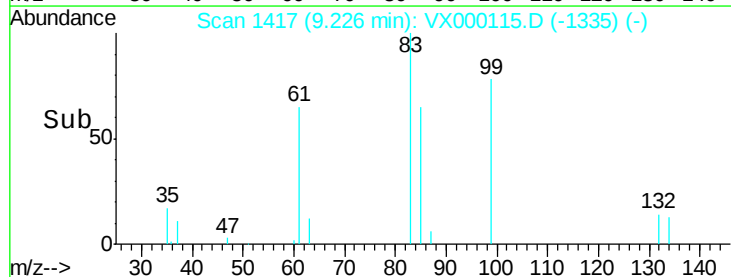
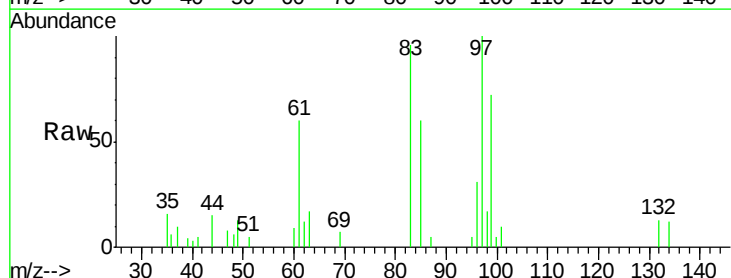
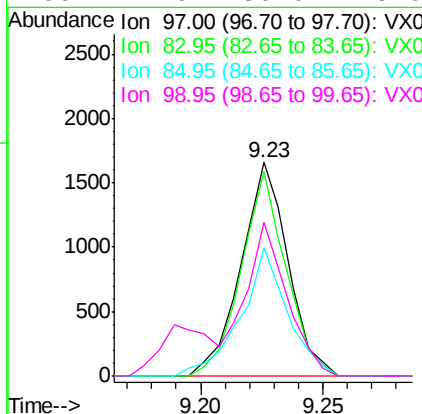
Manual Integrations
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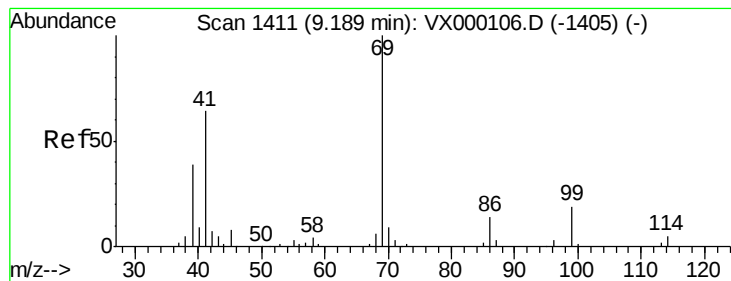
apatel
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#50
 1,1,2-Trichloroethane
 Concen: 1.95 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000115.D
 Acq: 20 Feb 2018 18:46

Tgt Ion	Ratio	Lower	Upper
97	100		
83	96.1	66.9	100.3
85	60.2	44.4	66.6
99	71.9	50.0	75.0





#51

Ethyl methacrylate

Concen: 1.91 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX000115.D

Acq: 20 Feb 2018 18:46

Instrument :

MSVOA_X

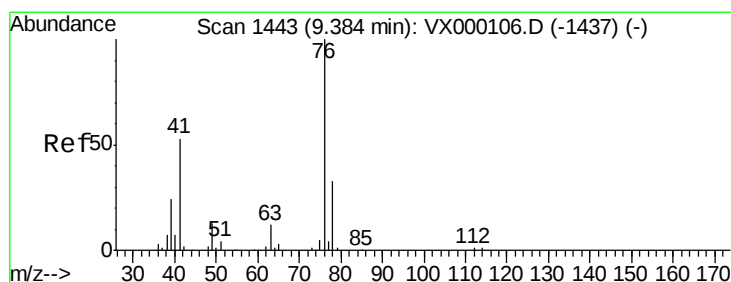
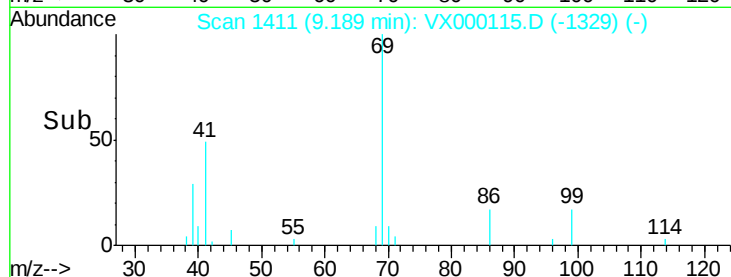
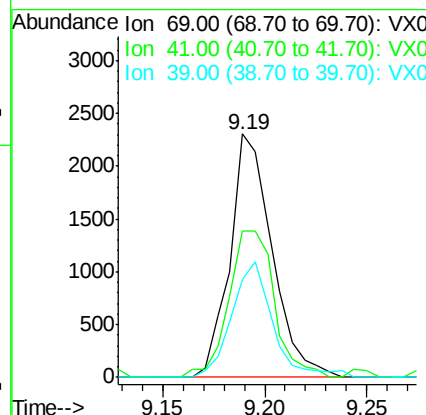
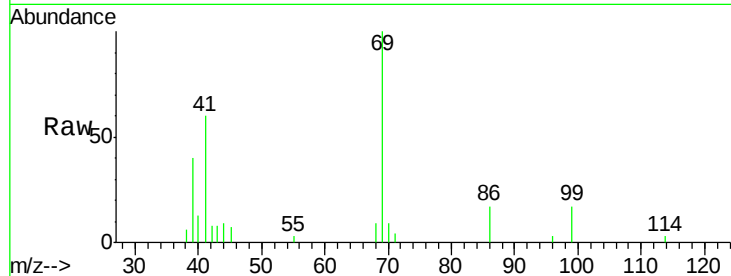
ClientSampleId :

MDL02 2PPB

Tot Ion:	69	Resp:	3299
Ion	Ratio	Lower	Upper
69	100		
41	60.3	32.1	96.3
39	40.3	19.6	58.7

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 2.04 ug/l

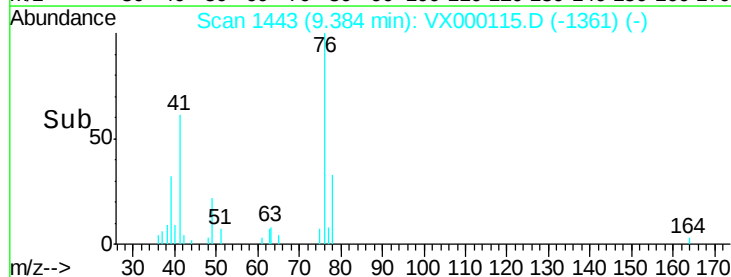
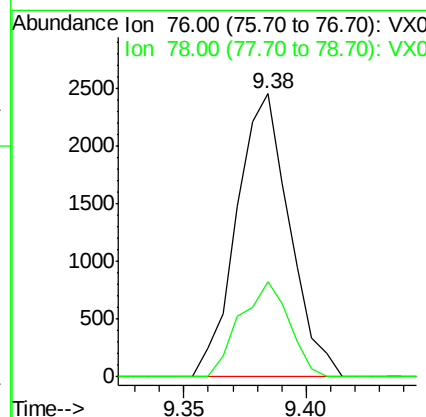
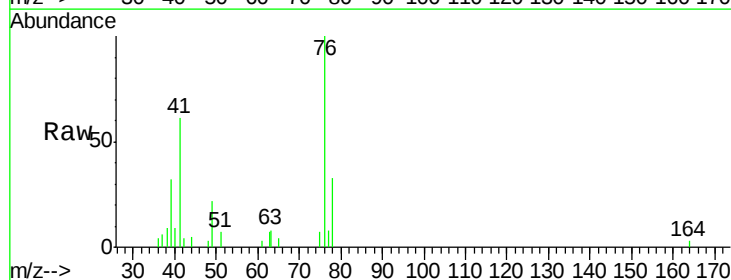
RT: 9.38 min Scan# 1443

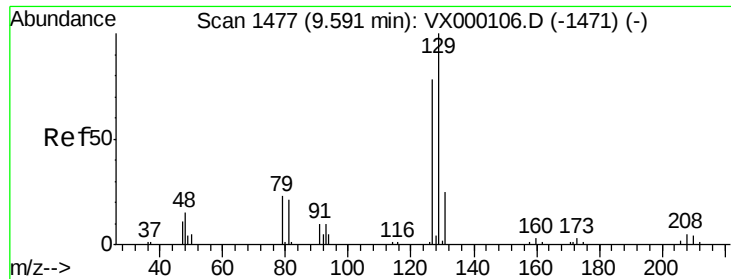
Delta R.T. -0.00 min

Lab File: VX000115.D

Acq: 20 Feb 2018 18:46

Tgt Ion:	76	Resp:	3696
Ion	Ratio	Lower	Upper
76	100		
78	31.1	0.0	65.0





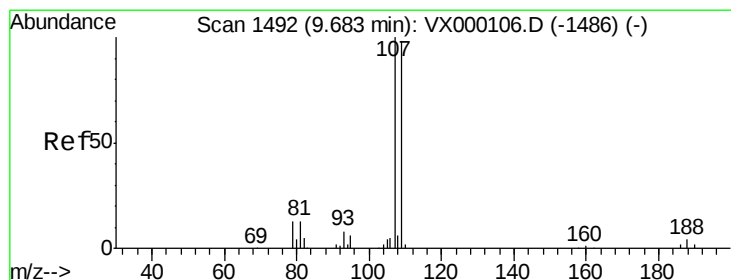
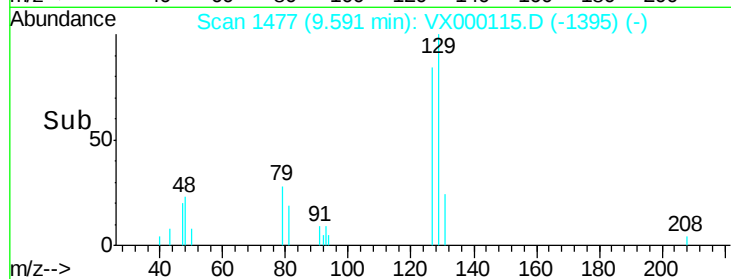
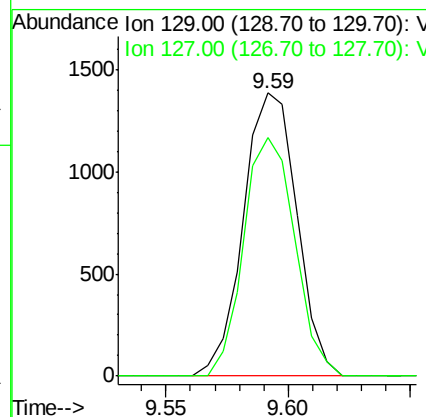
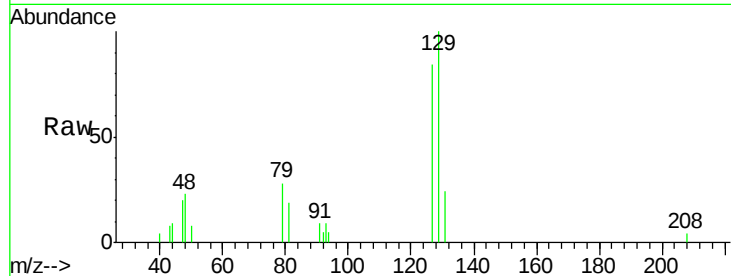
#53
Dibromochloromethane
Concen: 1.68 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Instrument :
MSVOA_X
ClientSampleId :
MDL02 2PPB

Tot Ion	Ratio	Lower	Upper
129	100		
127	80.6	37.5	112.5

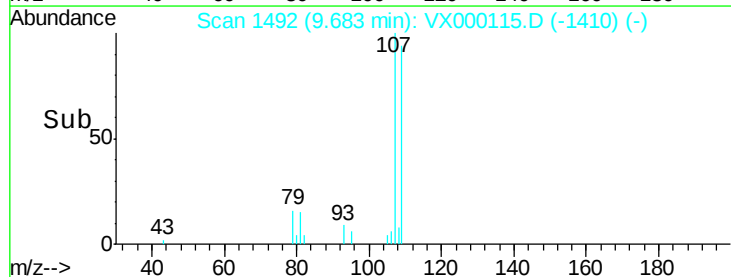
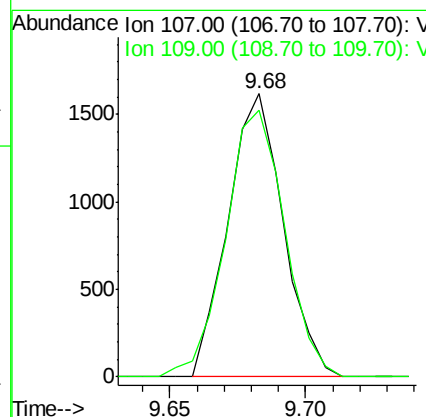
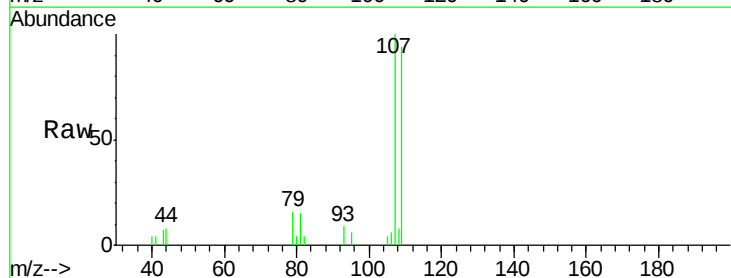
Manual Integrations
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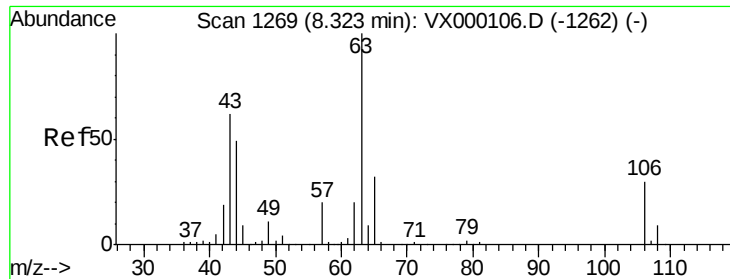
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#54
1,2-Dibromoethane
Concen: 1.81 ug/l
RT: 9.68 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Tgt Ion	Ratio	Lower	Upper
107	100		
109	100.7	74.5	111.7





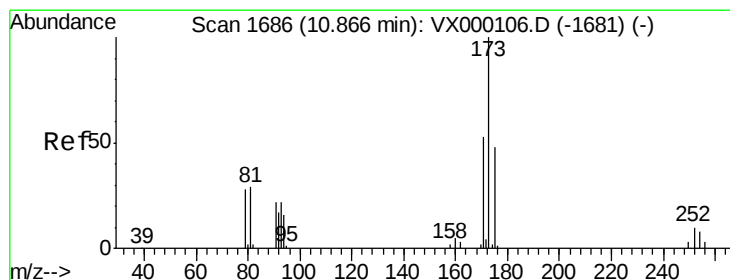
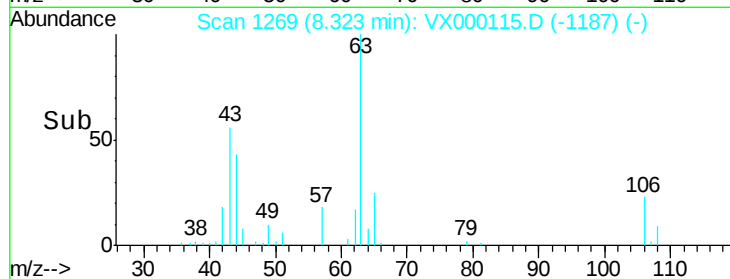
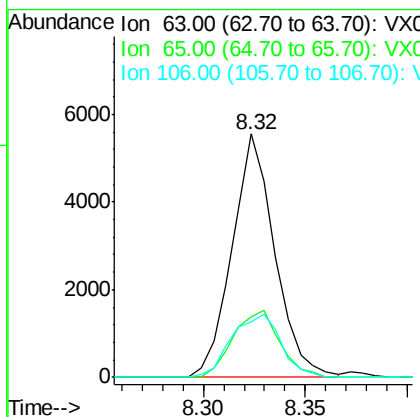
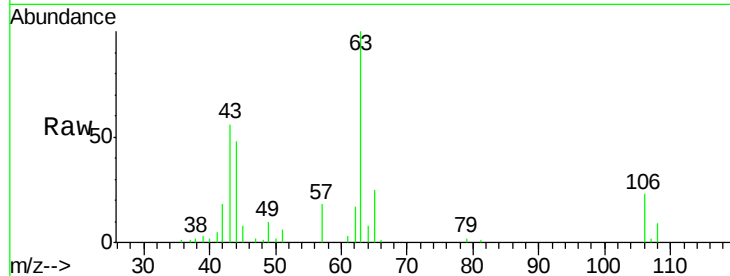
#55
2-Chloroethyl vinyl ether
Concen: 10.64 ug/l
RT: 8.32 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Instrument :
MSVOA_X
ClientSampleId :
MDL02 2PPB

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.2	25.8	38.8
106	30.1	23.8	35.6

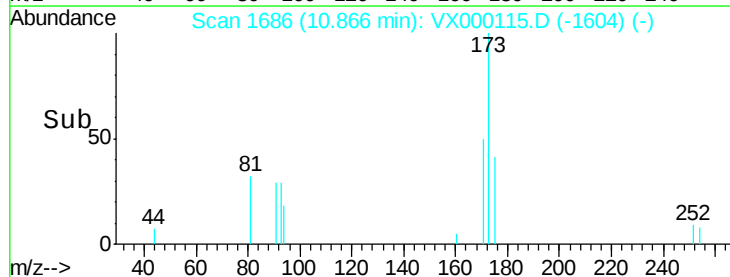
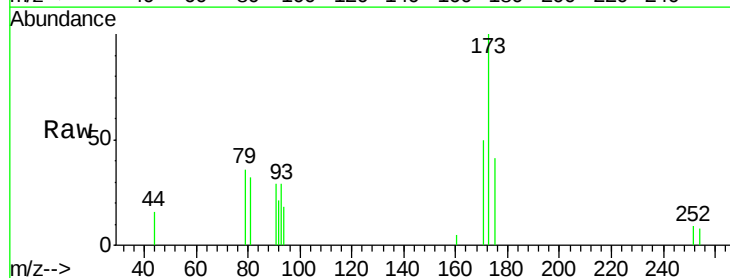
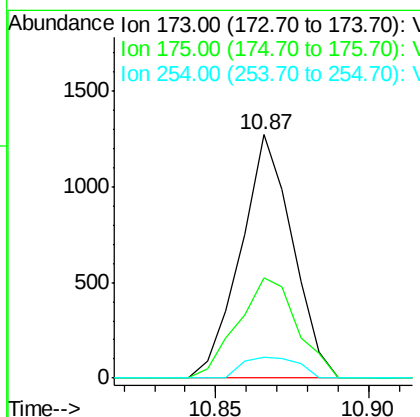
Manual Integrations
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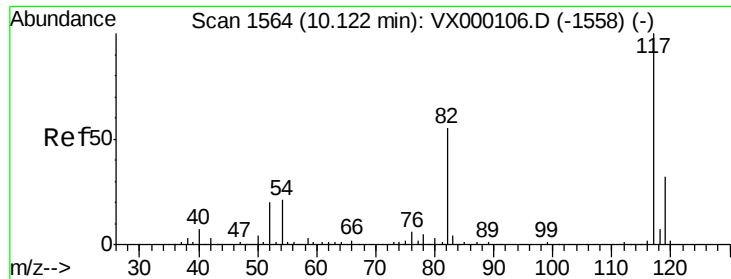
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#56
Bromoform
Concen: 1.47 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.2	39.0	58.4
254	9.1	7.0	10.4





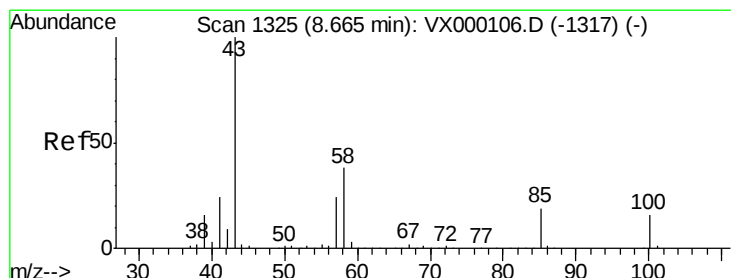
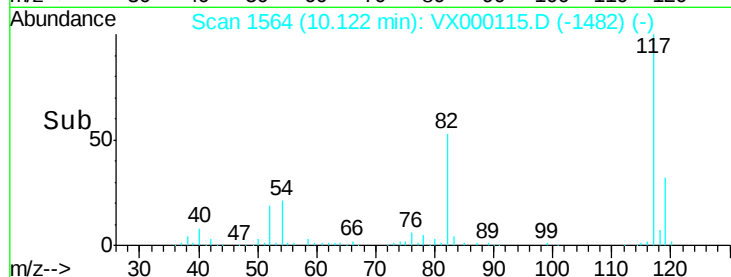
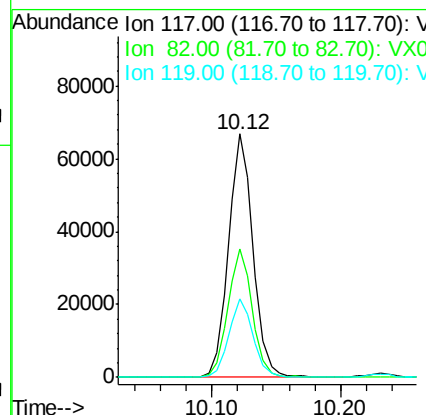
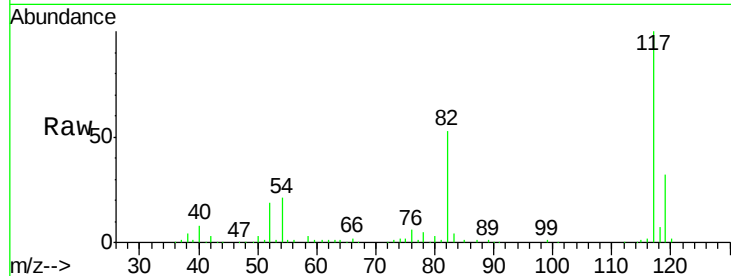
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Instrument :
MSVOA_X
ClientSampleId :
MDL02 2PPB

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	43.0	64.4
119	31.9	25.8	38.8

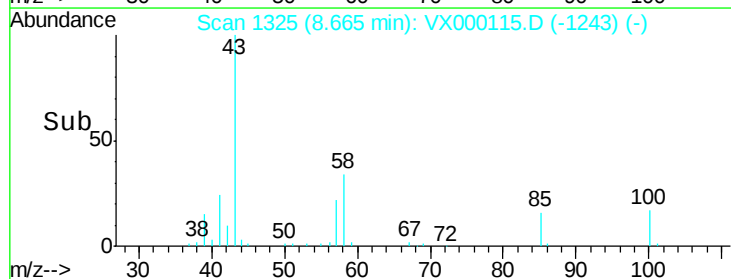
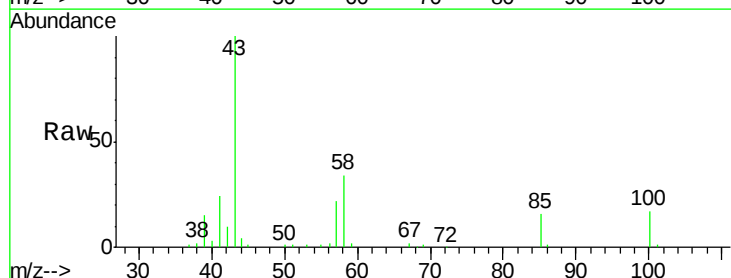
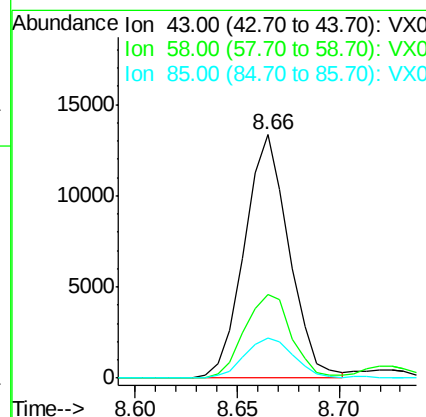
Manual Integrations
APPROVED

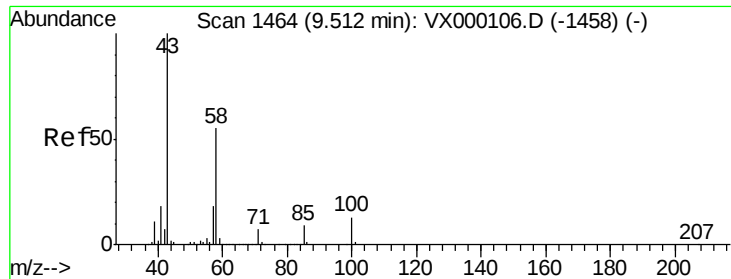
apatel
2/22/2018 4:04:54 PM



#58
4-Methyl-2-Pentanone
Concen: 10.33 ug/l
RT: 8.66 min Scan# 1325
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Tgt Ion	Ratio	Lower	Upper
43	100		
58	35.9	29.8	44.8
85	17.8	14.9	22.3





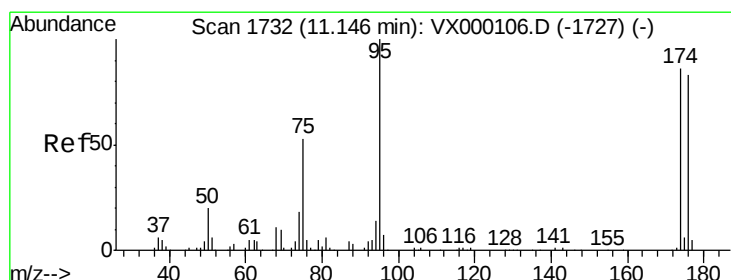
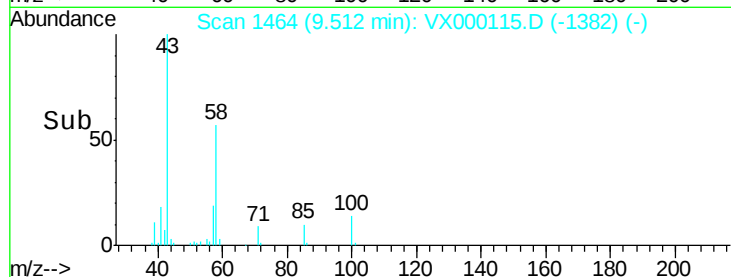
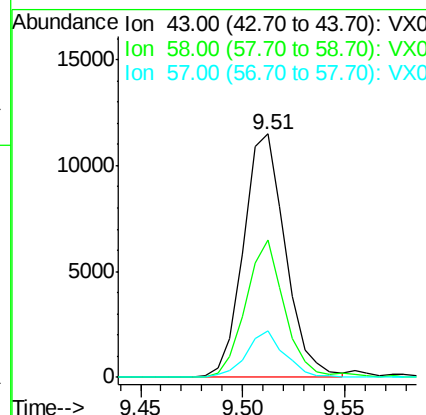
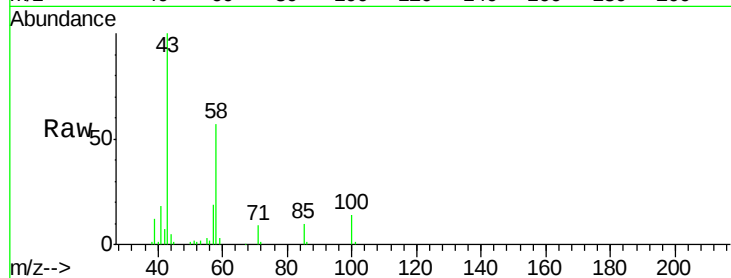
#59
2-Hexanone
Concen: 9.89 ug/l
RT: 9.51 min Scan# 1464
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Instrument :
MSVOA_X
ClientSampleId :
MDL02 2PPB

Tot Ion:	43	Resp:	16450
Ion Ratio	Lower	Upper	
43	100		
58	51.6	43.0	64.6
57	17.4	14.4	21.6

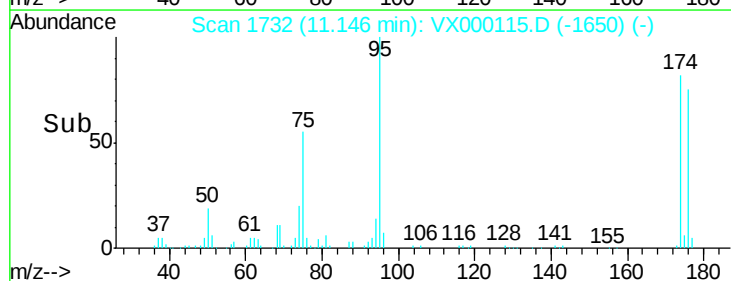
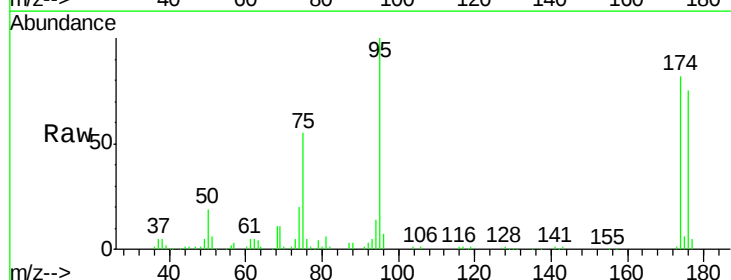
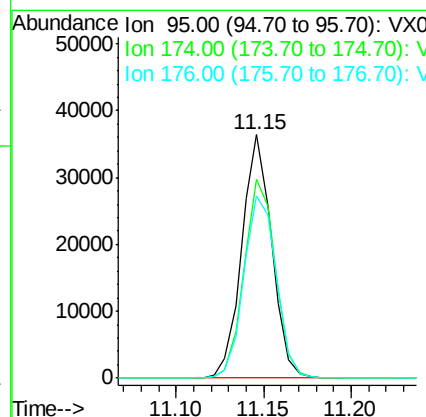
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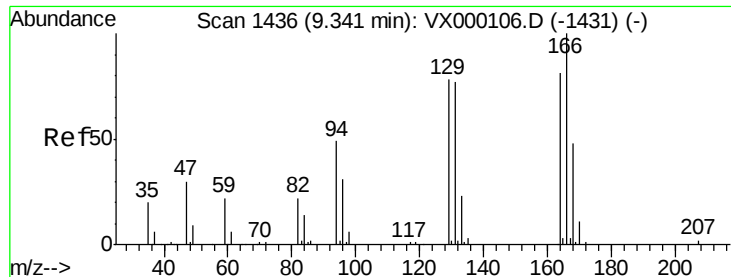
apatel
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#60
4-Bromofluorobenzene
Concen: 29.47 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Tgt Ion:	95	Resp:	43257
Ion Ratio	Lower	Upper	
95	100		
174	85.2	71.1	106.7
176	81.2	69.3	103.9





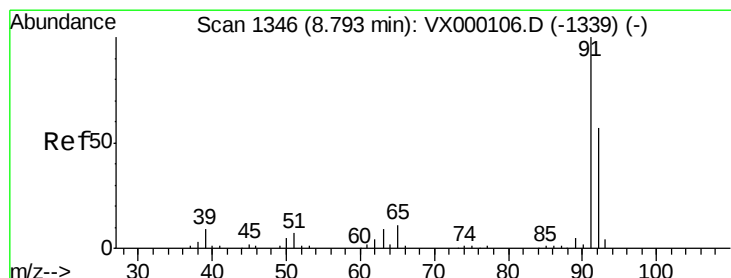
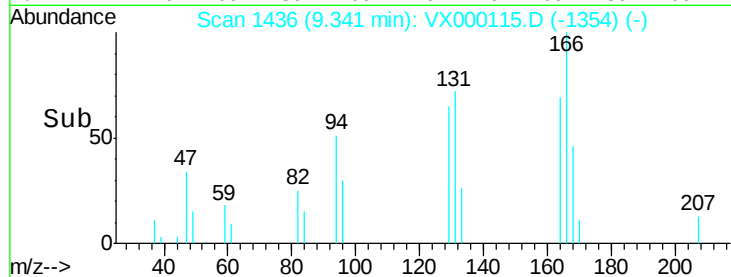
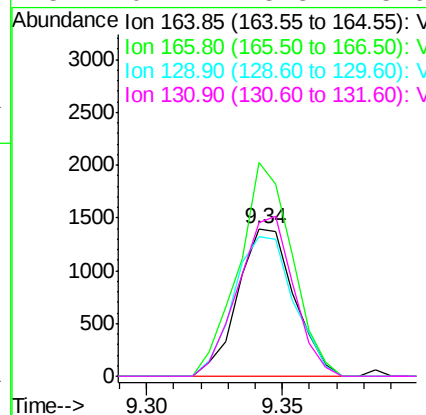
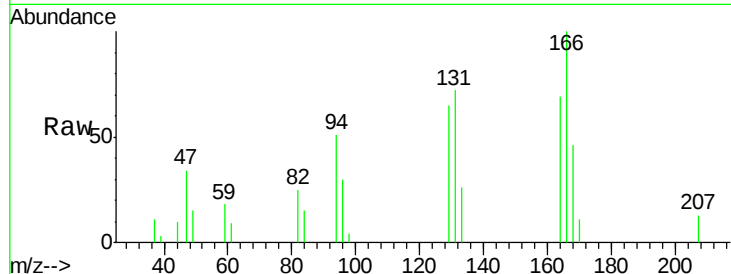
#61
 Tetrachloroethene
 Concen: 1.85 ug/l
 RT: 9.34 min Scan# 1436
 Delta R.T. -0.00 min
 Lab File: VX000115.D
 Acq: 20 Feb 2018 18:46

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL02 2PPB

Tot Ion	164	Resp	2013
Ion	Ratio	Lower	Upper
164	100		
166	145.0	99.0	148.4
129	94.8	77.0	115.6
131	104.2	75.8	113.6

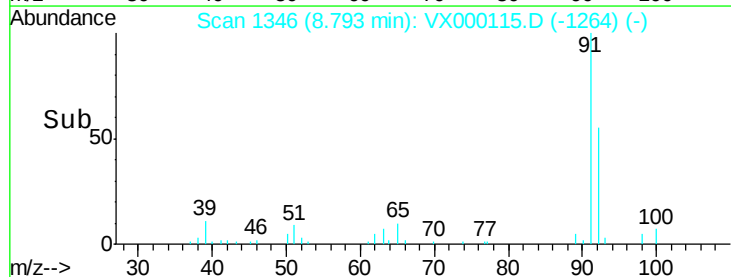
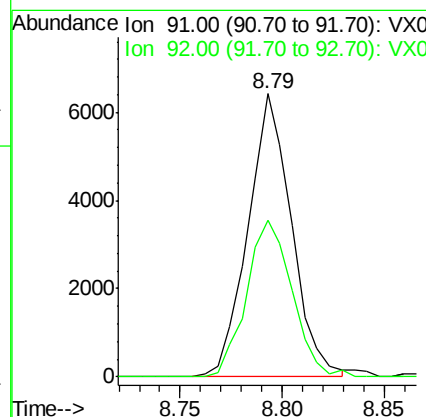
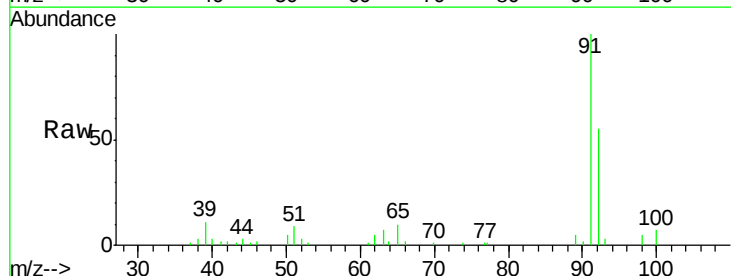
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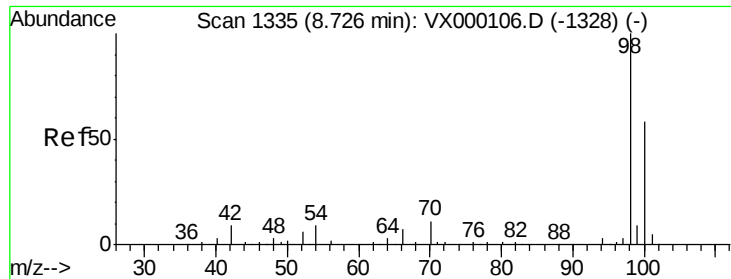
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#62
 Toluene
 Concen: 2.03 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: VX000115.D
 Acq: 20 Feb 2018 18:46

Tgt Ion	91	Resp	9497
Ion	Ratio	Lower	Upper
91	100		
92	58.0	45.4	68.0





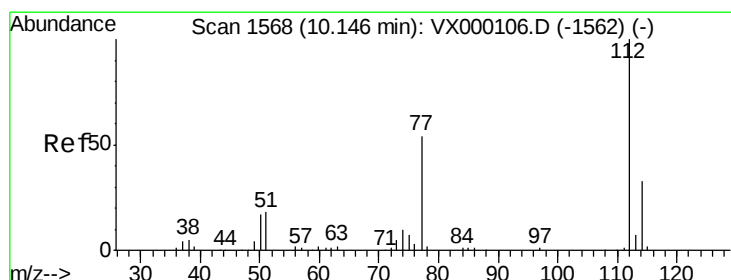
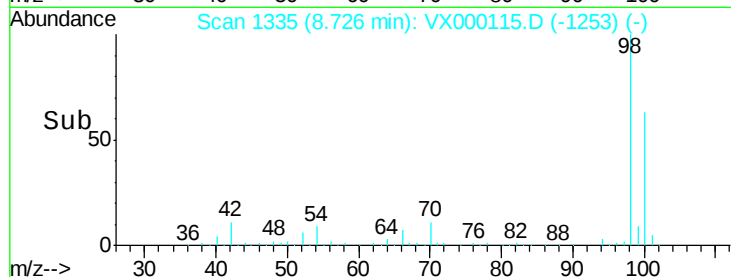
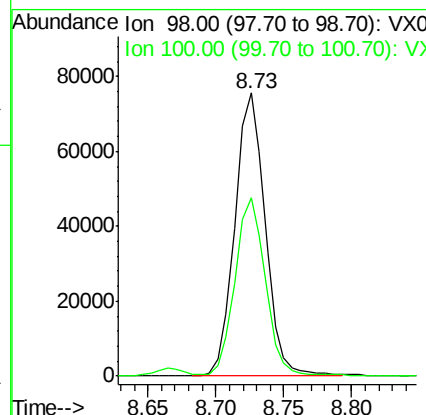
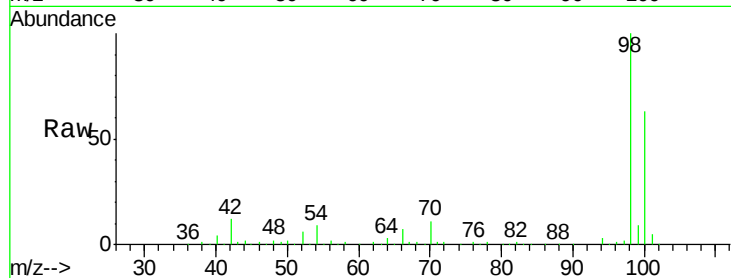
#63
Toluene-d8
Concen: 30.67 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Instrument :
MSVOA_X
ClientSampleId :
MDL02 2PPB

Tot Ion: 98 Resp: 117879
Ion Ratio Lower Upper
98 100
100 61.7 50.0 75.0

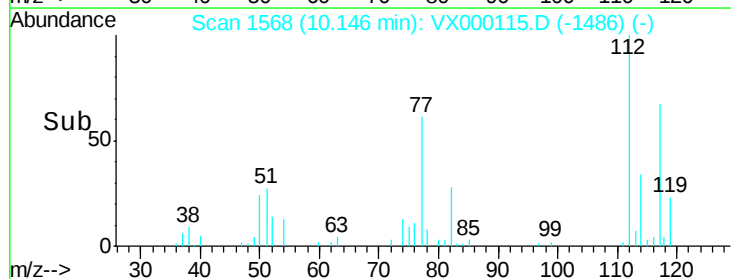
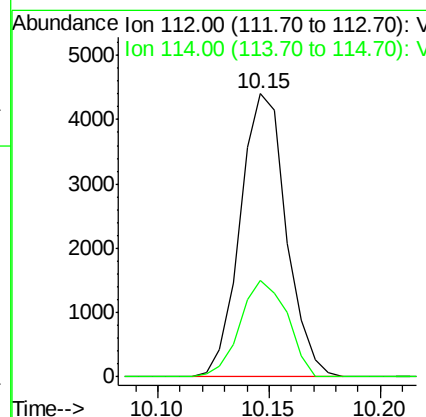
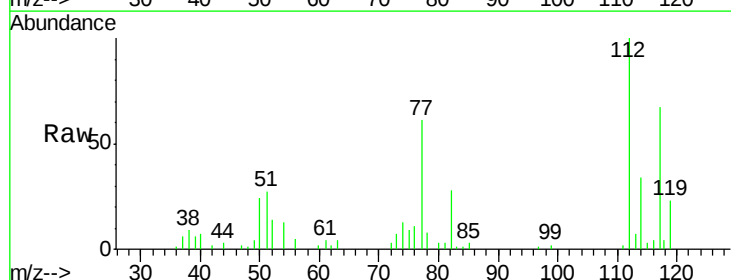
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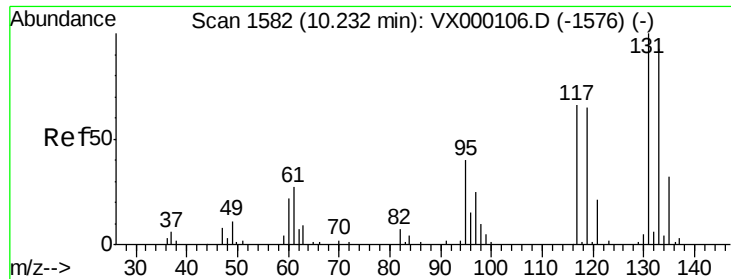
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#64
Chlorobenzene
Concen: 2.02 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Tgt Ion: 112 Resp: 6359
Ion Ratio Lower Upper
112 100
114 34.3 26.4 39.6





#65

1,1,1,2-Tetrachloroethane

Concen: 1.73 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VX000115.D

Acq: 20 Feb 2018 18:46

Instrument :

MSVOA_X

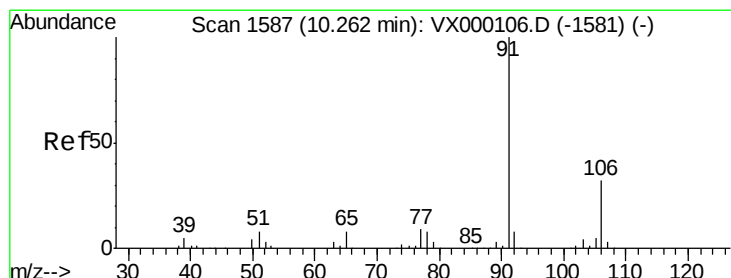
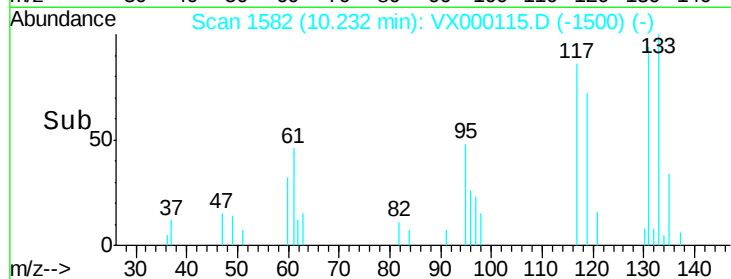
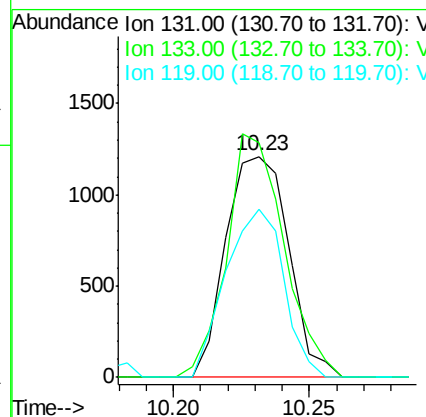
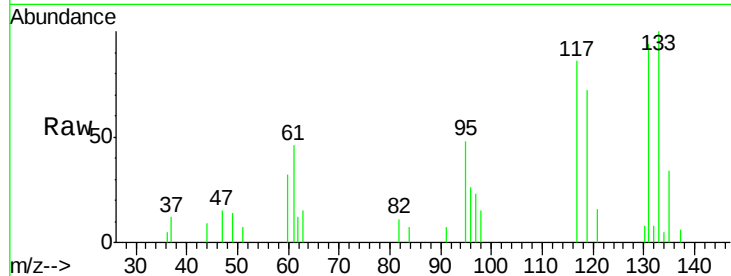
ClientSampleId :

MDL02 2PPB

Tot Ion	Ratio	Lower	Upper
131	100		
133	100.7	0.0	187.6
119	70.4	0.0	134.0

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#66

Ethyl Benzene

Concen: 1.99 ug/l

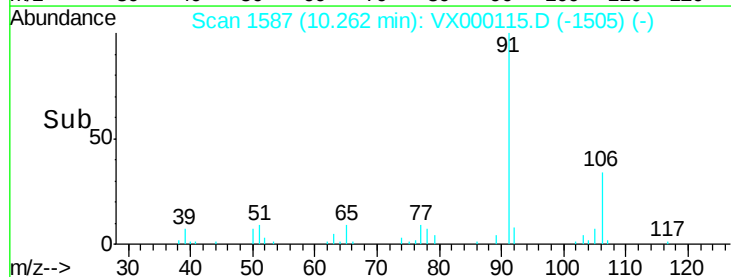
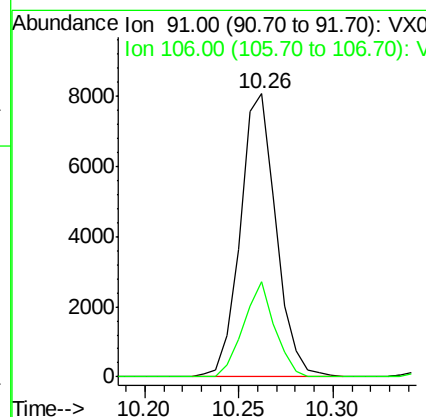
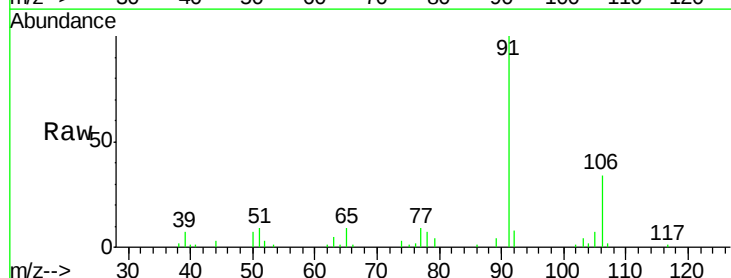
RT: 10.26 min Scan# 1587

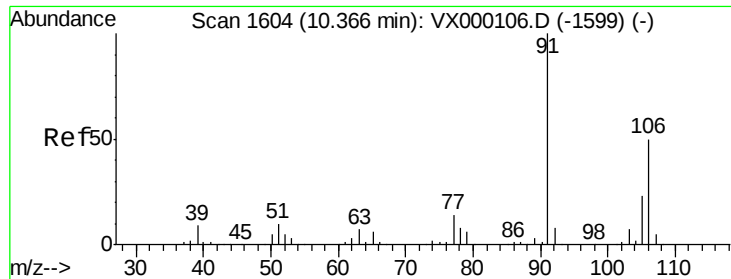
Delta R.T. -0.00 min

Lab File: VX000115.D

Acq: 20 Feb 2018 18:46

Tgt Ion	Ratio	Lower	Upper
91	100		
106	33.8	25.9	38.9





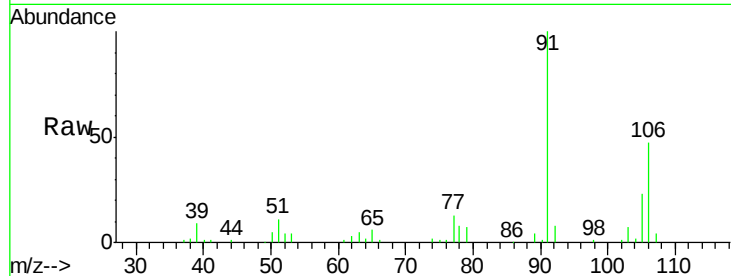
#67
m/p-Xvlenes
Concen: 3.95 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Instrument :
MSVOA_X
ClientSampleId :
MDL02 2PPB

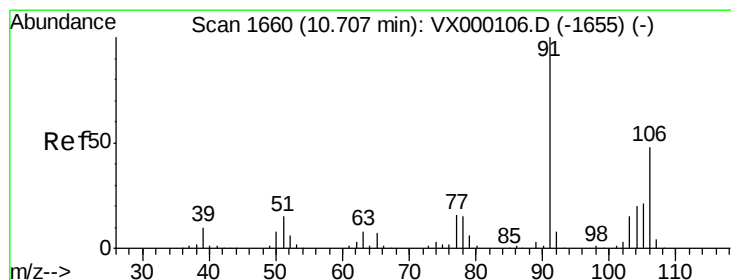
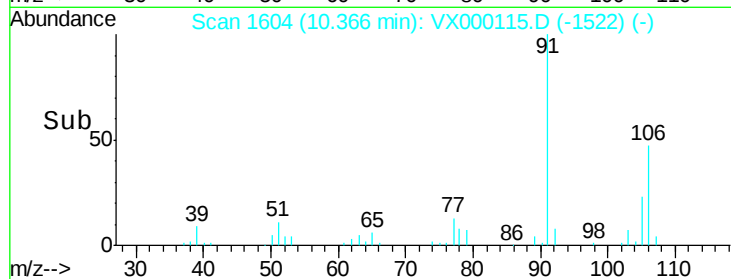
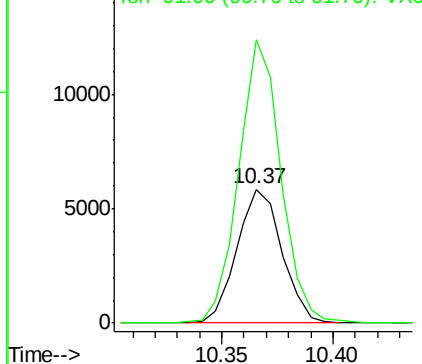
Tot Ion:106 Resp: 8250
Ion Ratio Lower Upper
106 100
91 198.1 161.6 242.4

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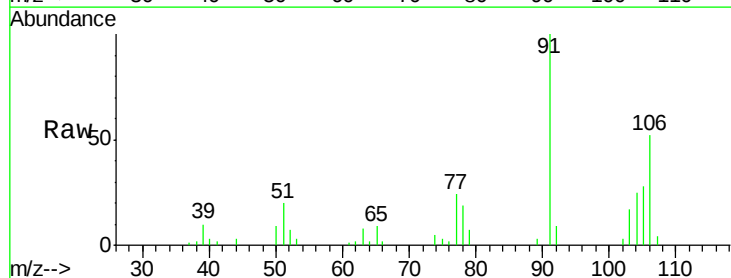


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

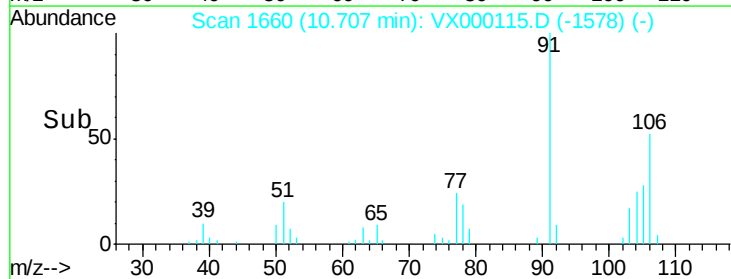
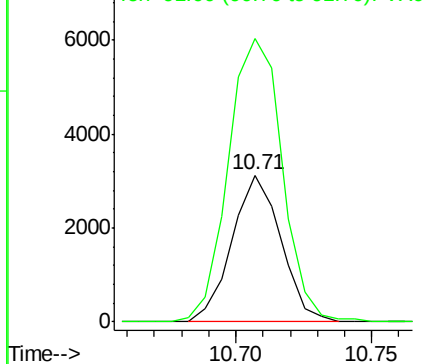


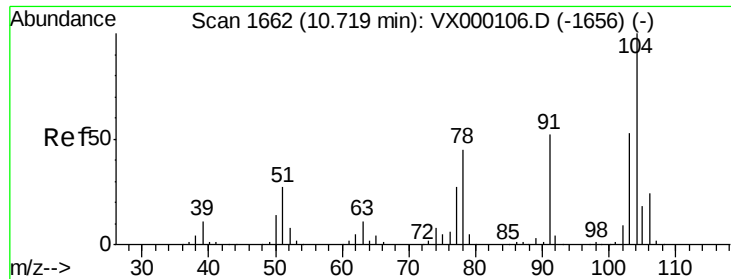
#68
o-Xylene
Concen: 1.93 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Tgt Ion:106 Resp: 3910
Ion Ratio Lower Upper
106 100
91 212.1 105.6 316.8



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





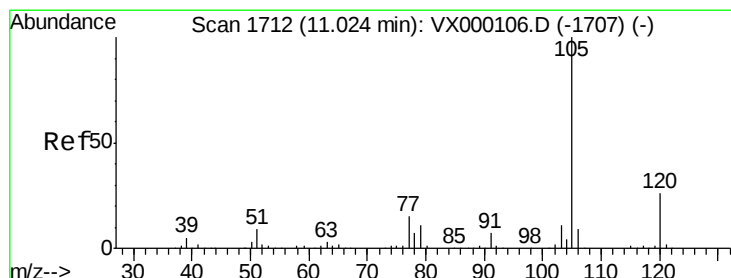
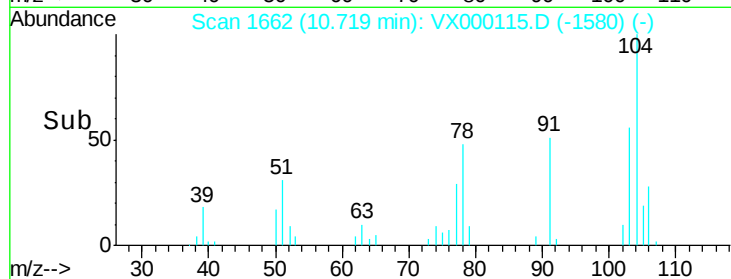
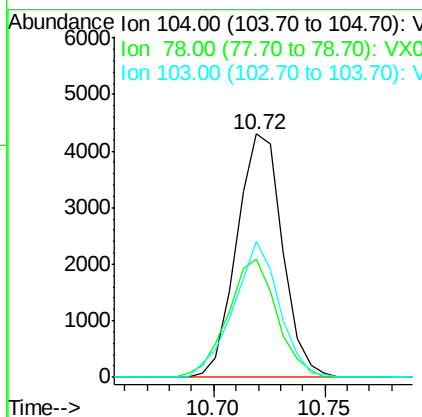
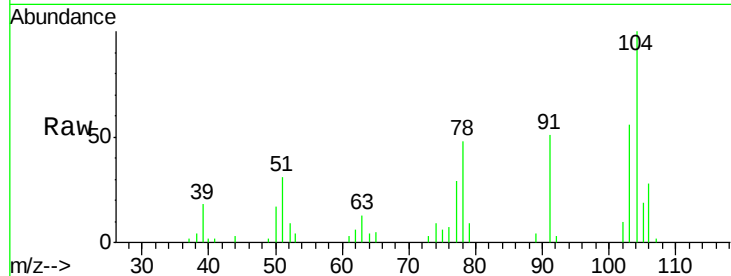
#69
Stvrene
Concen: 1.83 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Instrument :
MSVOA_X
ClientSampleId :
MDL02 2PPB

Tot Ion	Ratio	Lower	Upper
104	100		
78	52.1	39.0	58.4
103	56.0	44.7	67.1

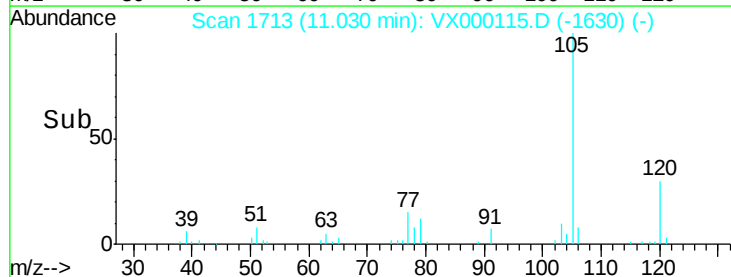
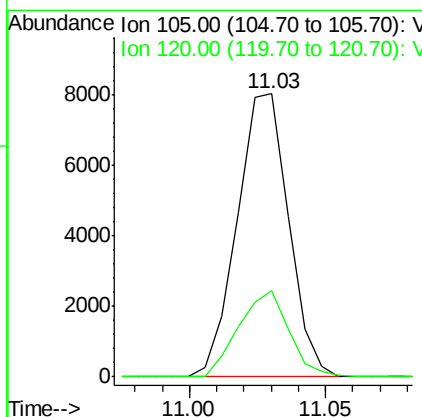
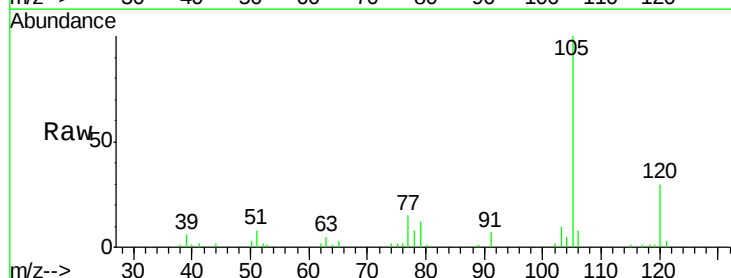
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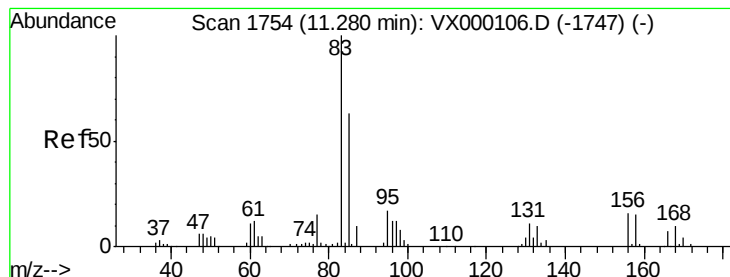
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#70
Isopropylbenzene
Concen: 1.92 ug/l
RT: 11.03 min Scan# 1713
Delta R.T. 0.01 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	29.6	18.8	35.0





#71

1,1,2,2-Tetrachloroethane

Concen: 1.92 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000115.D

Acq: 20 Feb 2018 18:46

Instrument :

MSVOA_X

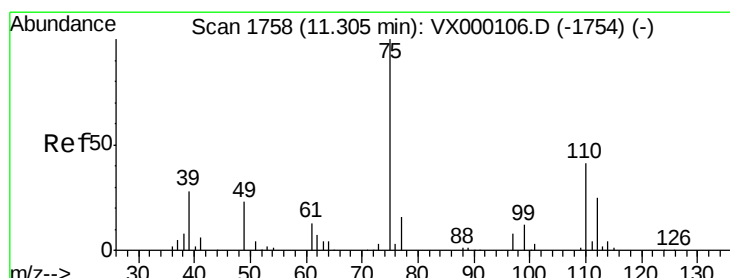
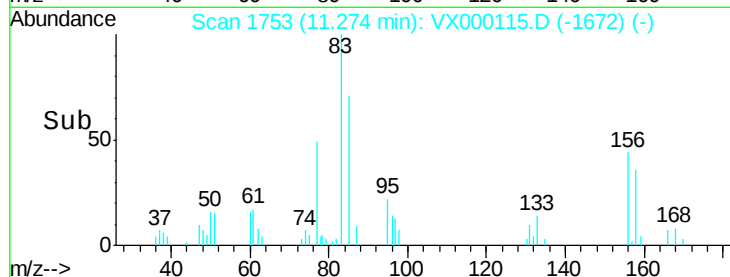
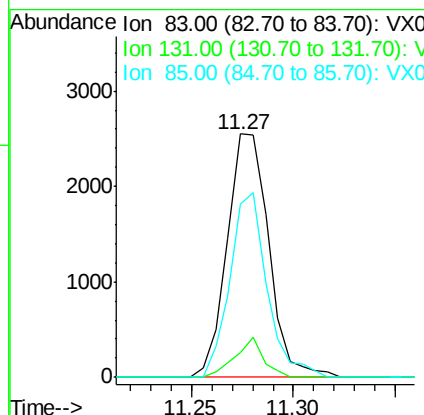
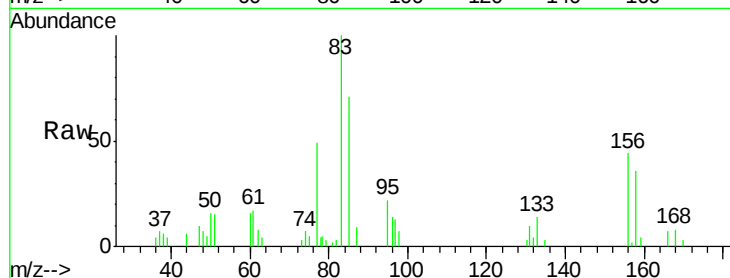
ClientSampleId :

MDL02 2PPB

Tot Ion:	83	Resp:	3614
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.3	16.1
85	67.5	32.5	97.5

Manual Integrations
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#72

1,2,3-Trichloropropane

Concen: 1.86 ug/l m

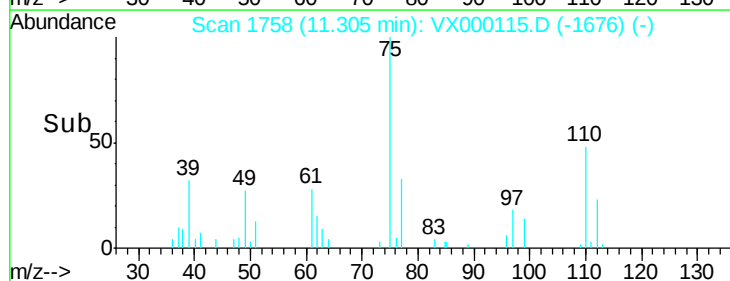
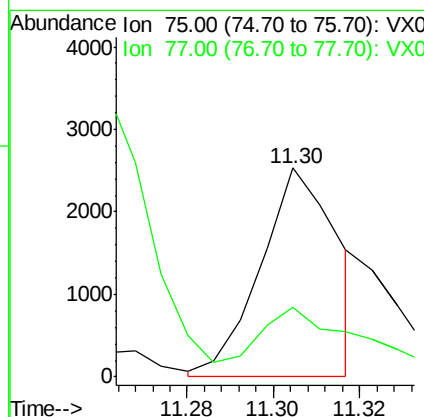
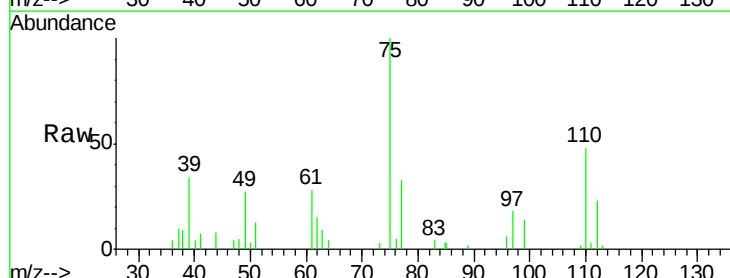
RT: 11.30 min Scan# 1758

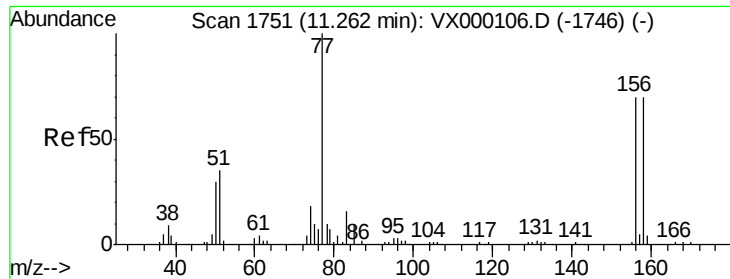
Delta R.T. -0.00 min

Lab File: VX000115.D

Acq: 20 Feb 2018 18:46

Tgt Ion:	75	Resp:	3148
Ion Ratio	Lower	Upper	
75	100		
77	45.2	0.0	85.8





#73

Bromobenzene

Concen: 1.78 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000115.D

Acq: 20 Feb 2018 18:46

Instrument :

MSVOA_X

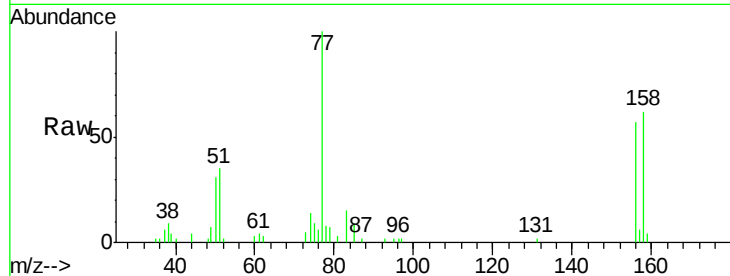
ClientSampleId :

MDL02 2PPB

Tot Ion	Ratio	Lower	Upper
156	100		
77	165.5	0.0	280.2
158	99.7	0.0	197.2

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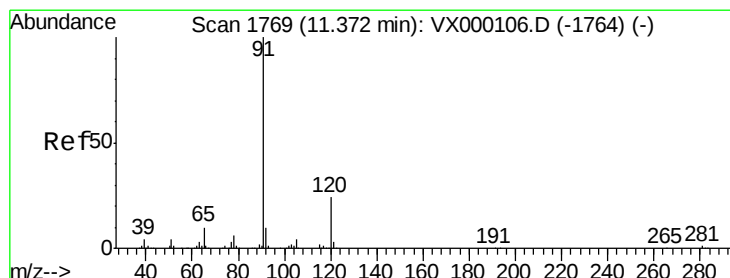
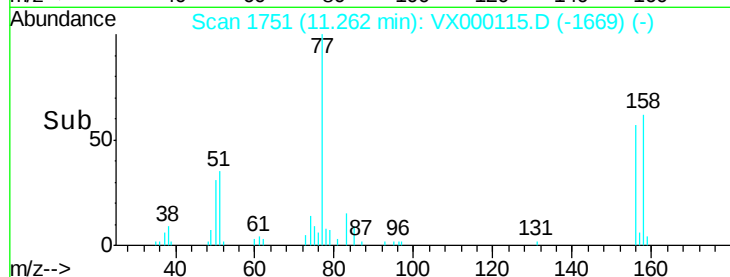
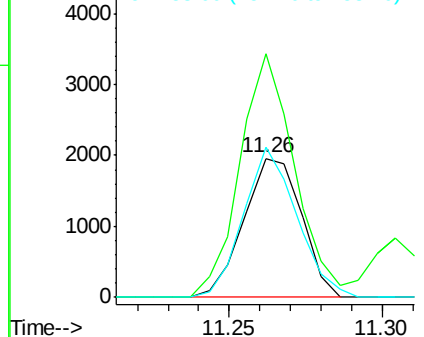
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Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 1.98 ug/l

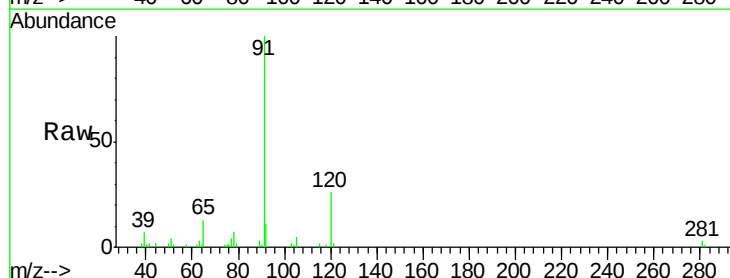
RT: 11.37 min Scan# 1769

Delta R.T. -0.00 min

Lab File: VX000115.D

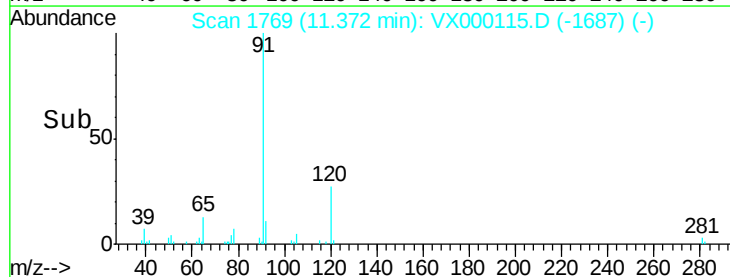
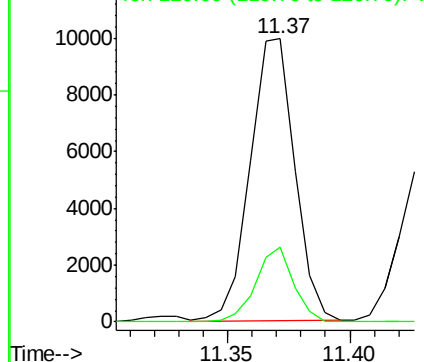
Acq: 20 Feb 2018 18:46

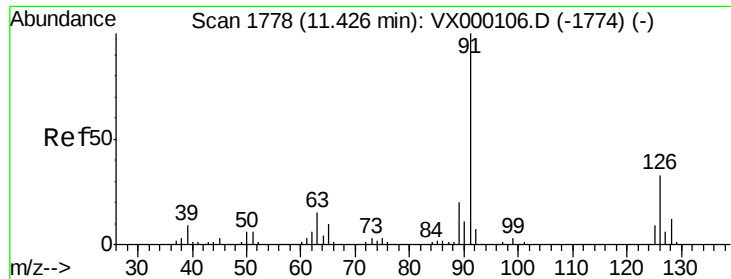
Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.3	0.0	47.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 1.96 ug/l

RT: 11.43 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX000115.D

Acq: 20 Feb 2018 18:46

Instrument :

MSVOA_X

ClientSampled :

MDL02 2PPB

Tot Ion: 91 Resp: 7230

Ion Ratio Lower Upper

91 100

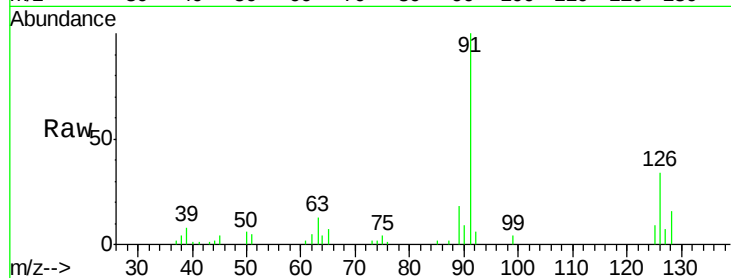
126 37.2 0.0 71.4

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Abundance Ion 91.00 (90.70 to 91.70): VX000106.D (-1774) (-)

Ion 126.00 (125.70 to 126.70): VX000106.D (-1774) (-)

10000

8000

6000

4000

2000

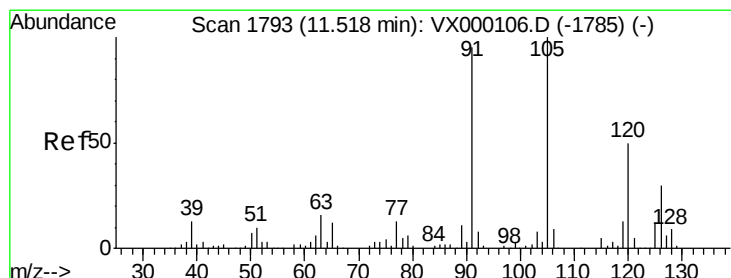
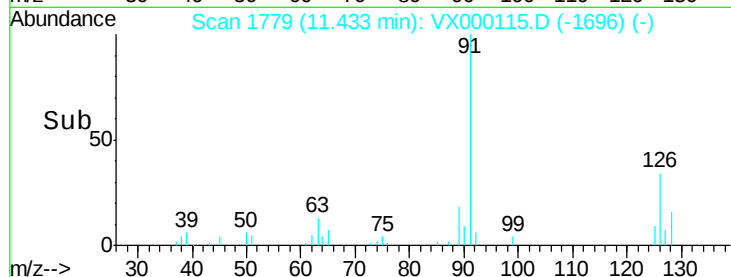
0

11.40

11.43

11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 1.87 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX000115.D

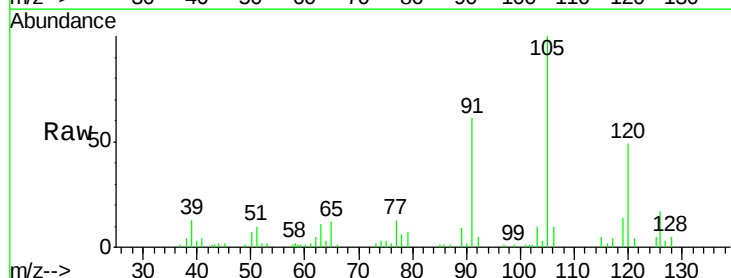
Acq: 20 Feb 2018 18:46

Tgt Ion: 105 Resp: 8694

Ion Ratio Lower Upper

105 100

120 50.6 0.0 63.8



Abundance Ion 105.00 (104.70 to 105.70): VX000106.D (-1785) (-)

Ion 120.00 (119.70 to 120.70): VX000106.D (-1785) (-)

8000

6000

4000

2000

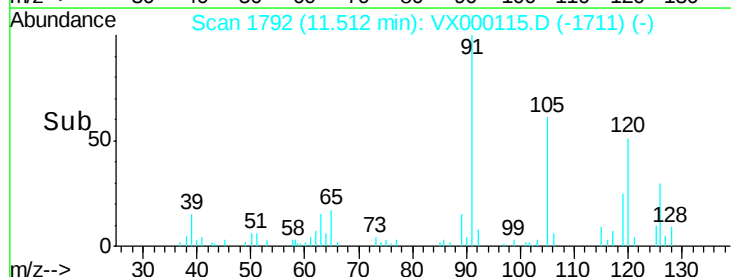
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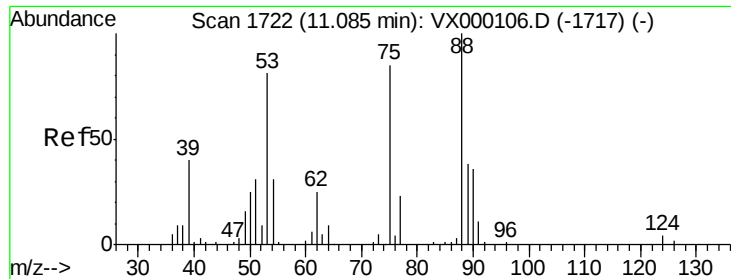
11.50

11.51

11.55

Time-->





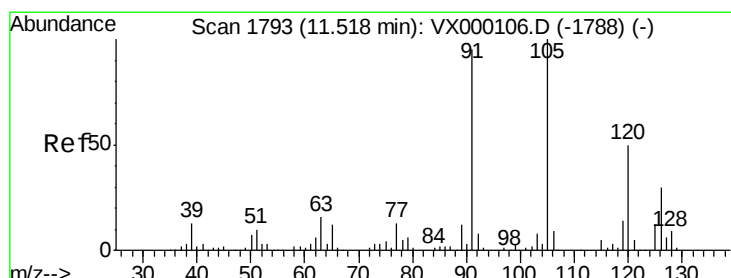
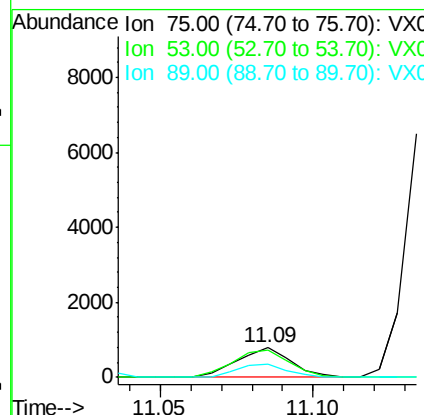
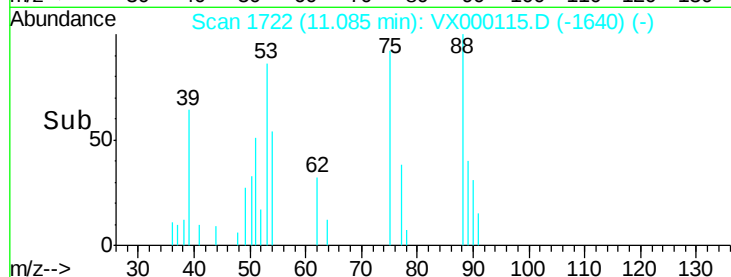
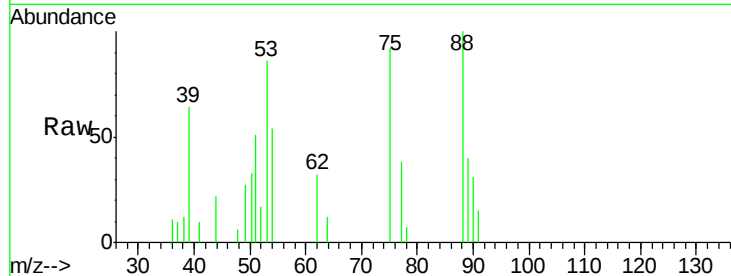
#77
t-1,4-Dichloro-2-butene
Concen: 1.60 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Instrument :
MSVOA_X
ClientSampleId :
MDL02 2PPB

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.7	47.8	143.3
89	43.7	22.3	66.8

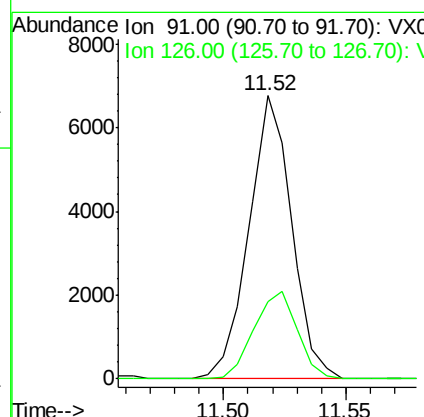
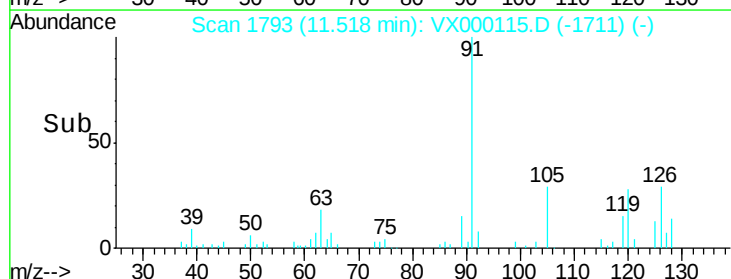
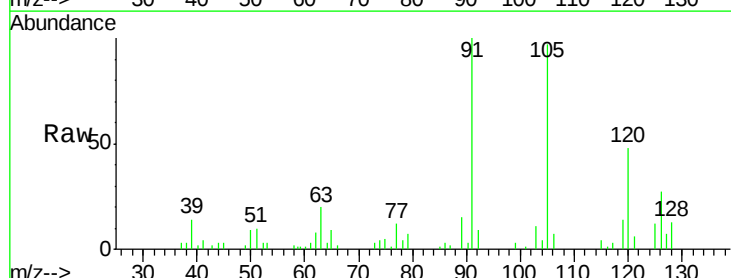
Manual Integrations
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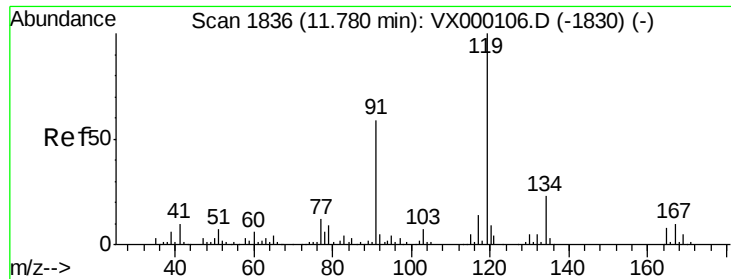
apatel
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#78
4-Chlorotoluene
Concen: 1.86 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	0.0	63.4





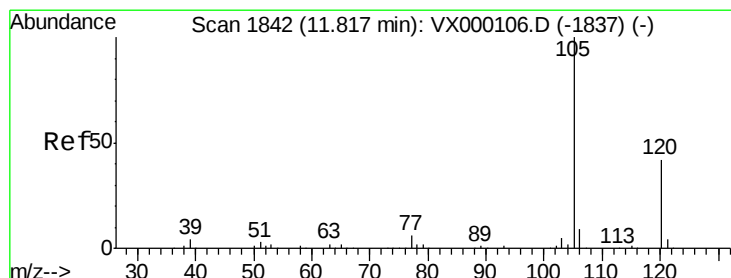
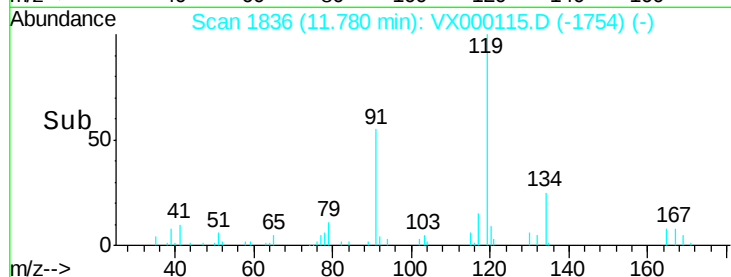
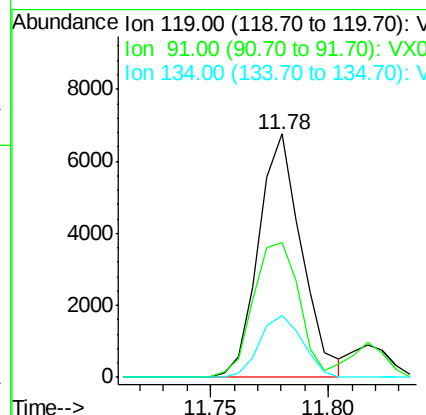
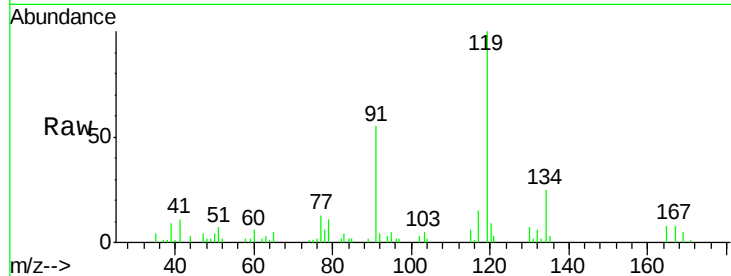
#79
tert-butylbenzene
Concen: 1.85 ug/l m
RT: 11.78 min Scan# 1836
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Instrument :
MSVOA_X
ClientSampleId :
MDL02 2PPB

Tot Ion	Ratio	Resp	Lower	Upper
119	100	8553		
91	27.0		0.0	51.6
134	30.0		0.0	60.2

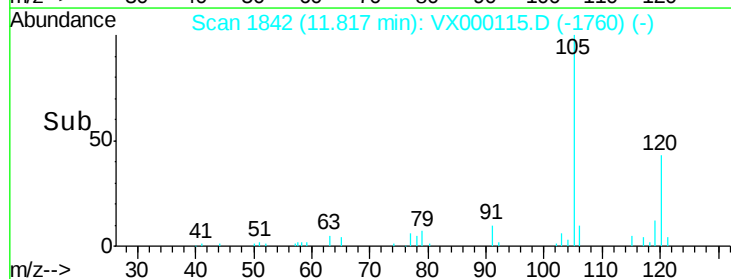
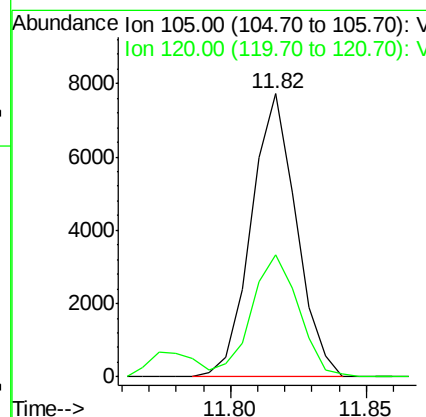
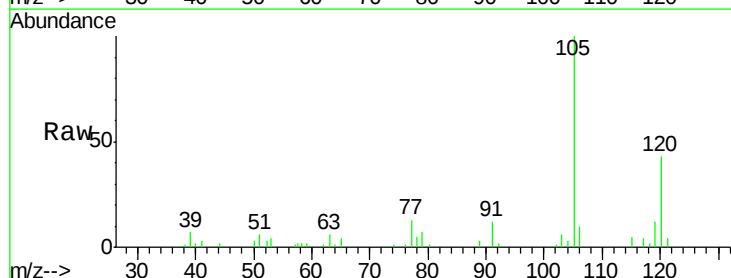
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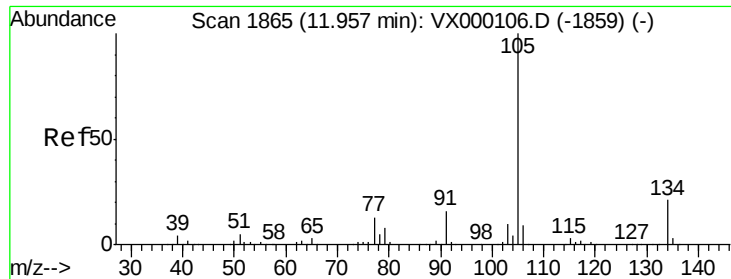
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#80
1,2,4-Trimethylbenzene
Concen: 1.87 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	8870		
120	45.1		0.0	93.0





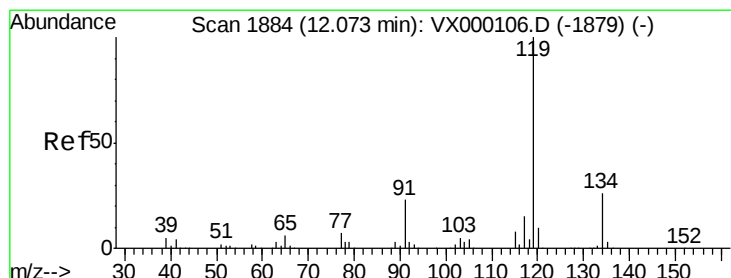
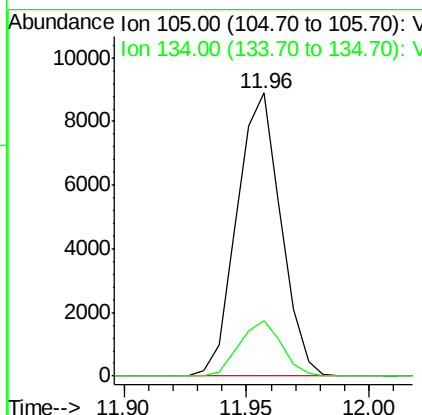
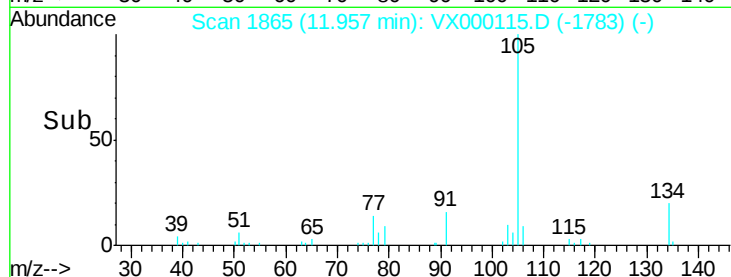
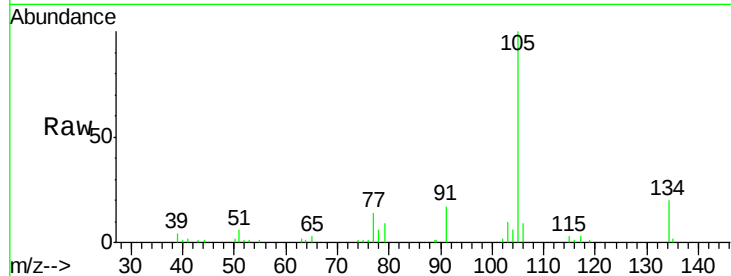
#81
 sec-Butylbenzene
 Concen: 1.94 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000115.D
 Acq: 20 Feb 2018 18:46

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL02 2PPB

Tot Ion	Ratio	Lower	Upper
105	100		
134	18.9	0.0	41.8

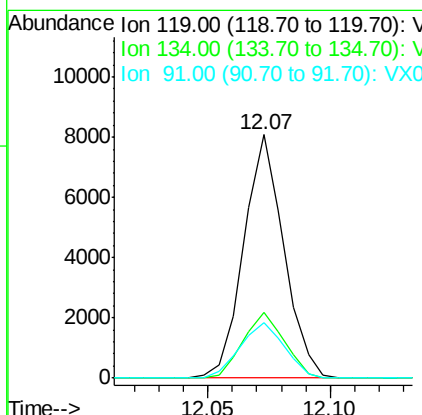
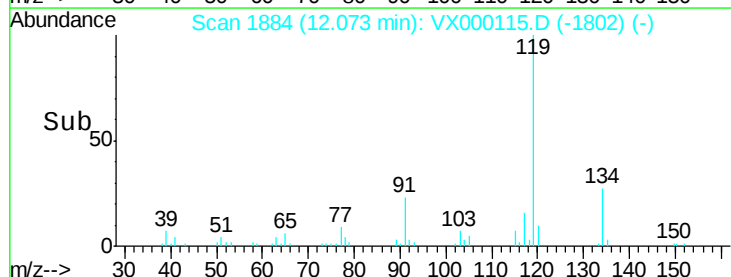
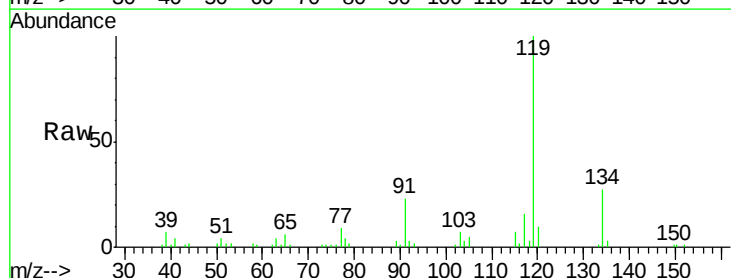
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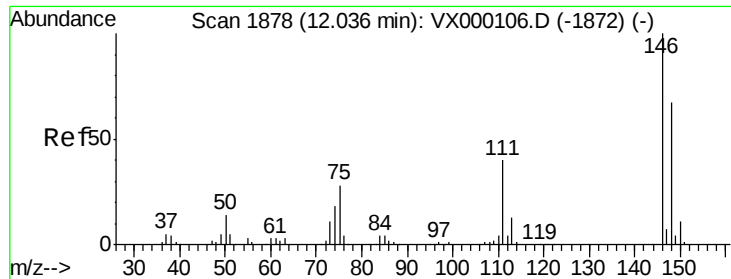
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#82
 p-Isopropyltoluene
 Concen: 1.80 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000115.D
 Acq: 20 Feb 2018 18:46

Tgt Ion	Ratio	Lower	Upper
119	100		
134	28.0	0.0	54.4
91	25.2	0.0	46.6





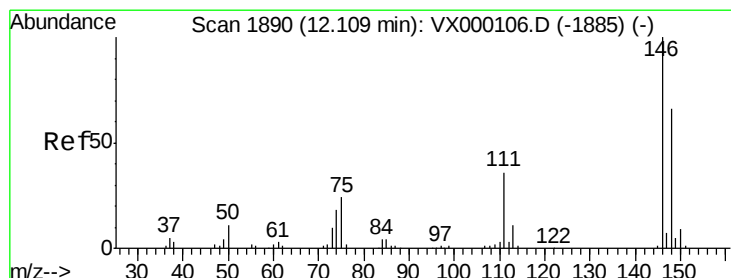
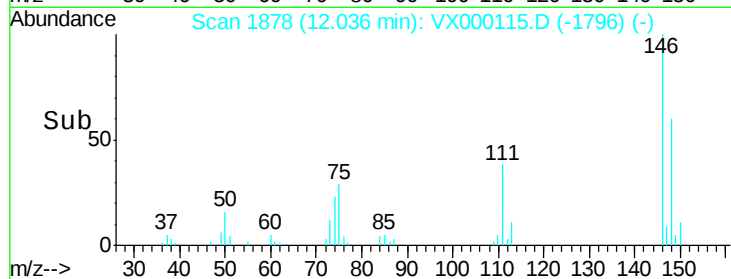
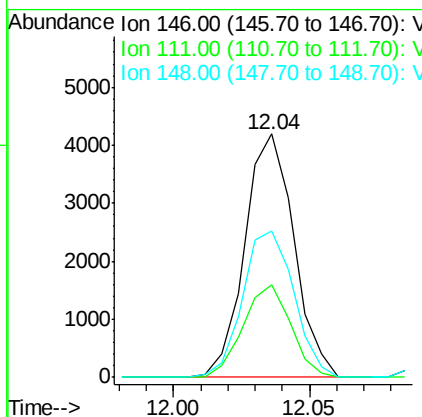
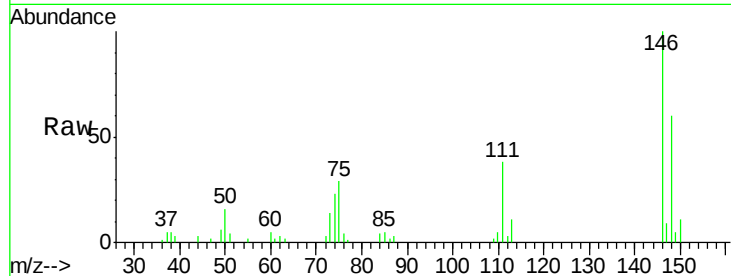
#83
 1,3-Dichlorobenzene
 Concen: 1.92 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000115.D
 Acq: 20 Feb 2018 18:46

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL02 2PPB

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.7	19.4	58.2
148	62.4	32.6	97.7

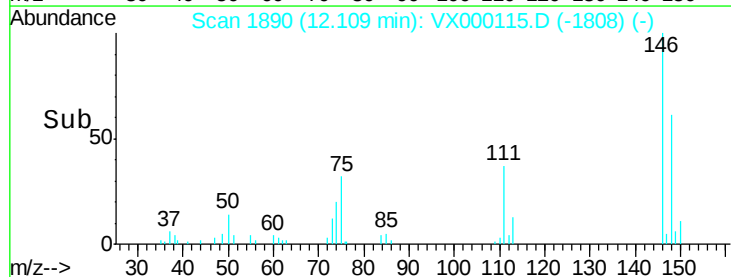
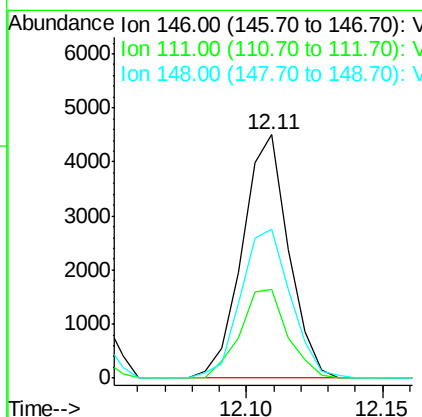
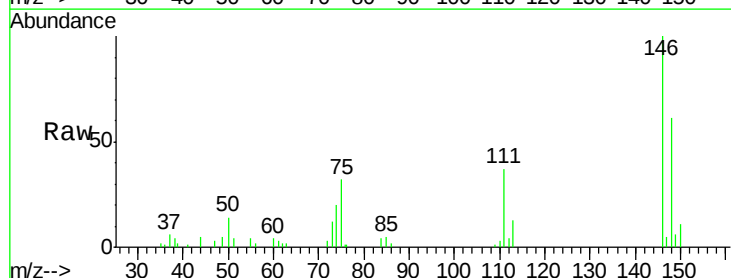
Manual Integrations
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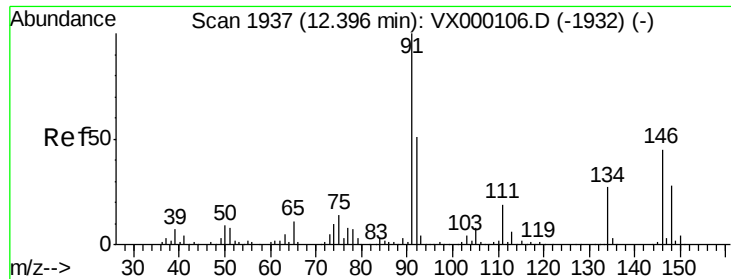
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#84
 1,4-Dichlorobenzene
 Concen: 1.86 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: VX000115.D
 Acq: 20 Feb 2018 18:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.4	55.0
148	66.2	31.9	95.7





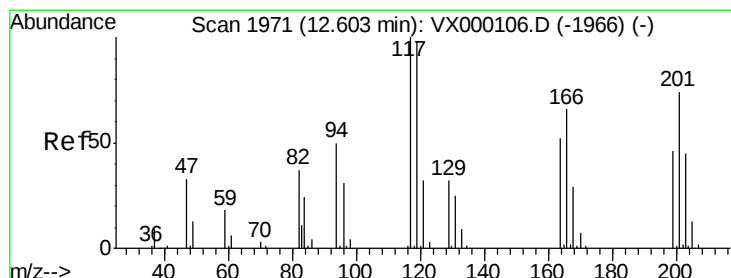
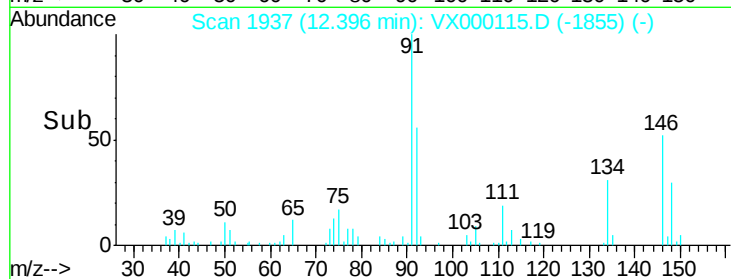
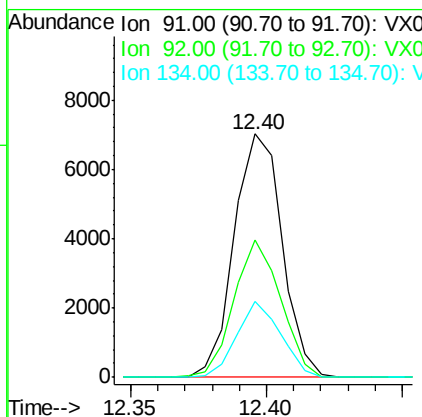
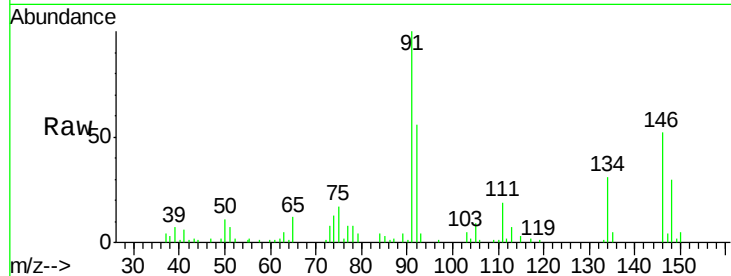
#85
n-Butylbenzene
Concen: 1.79 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Instrument :
MSVOA_X
ClientSampleId :
MDL02 2PPB

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.0	0.0	102.0
134	28.8	0.0	54.2

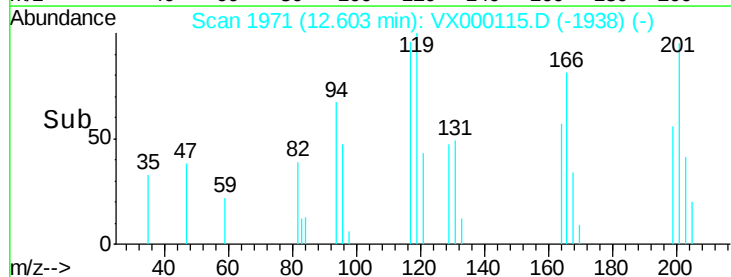
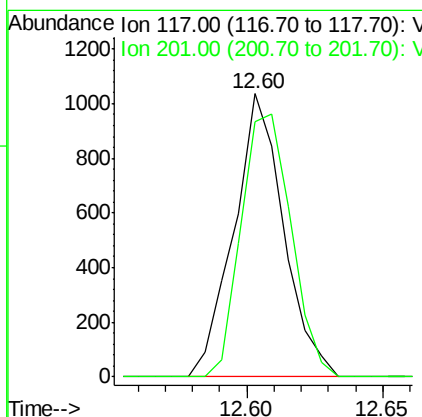
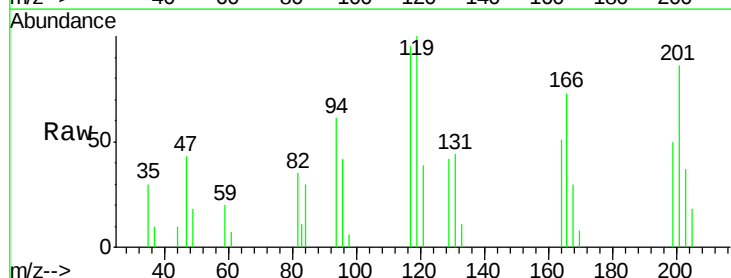
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#86
Hexachloroethane
Concen: 1.54 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.3	38.9	116.6





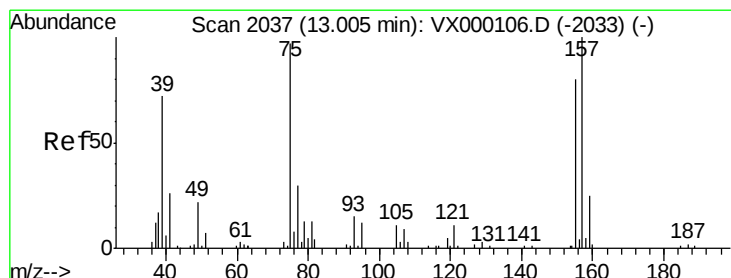
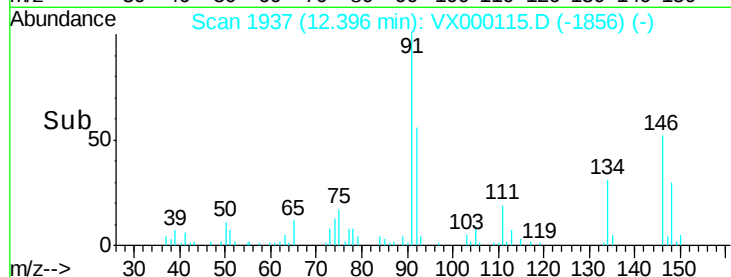
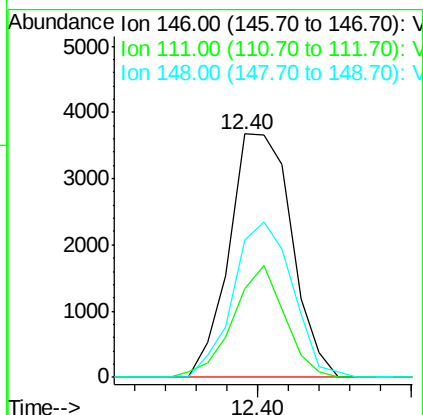
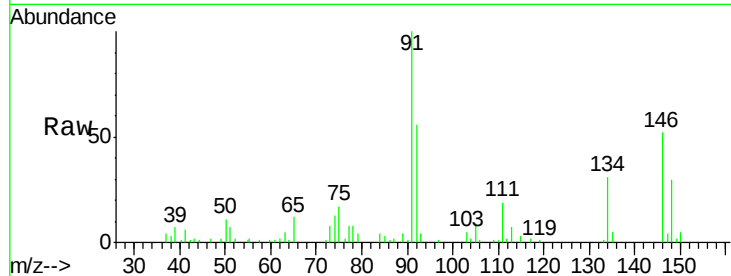
#87
 1,2-Dichlorobenzene
 Concen: 1.91 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.01 min
 Lab File: VX000115.D
 Acq: 20 Feb 2018 18:46

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL02 2PPB

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	20.0	60.0
148	61.4	31.6	95.0

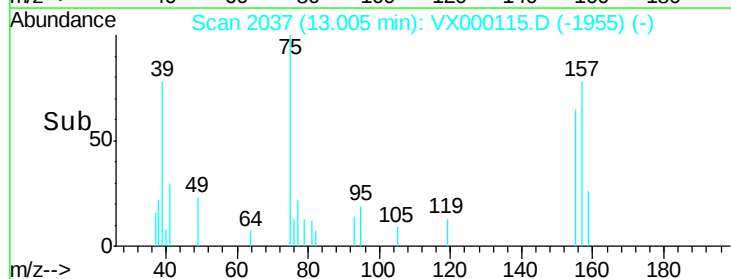
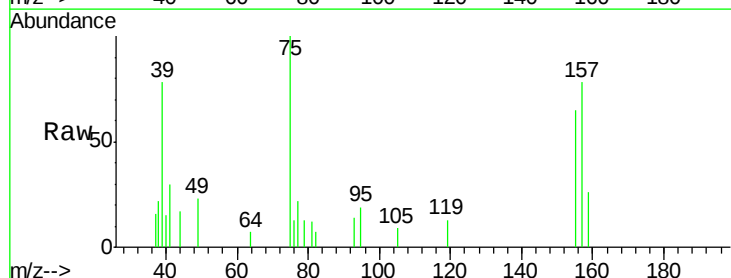
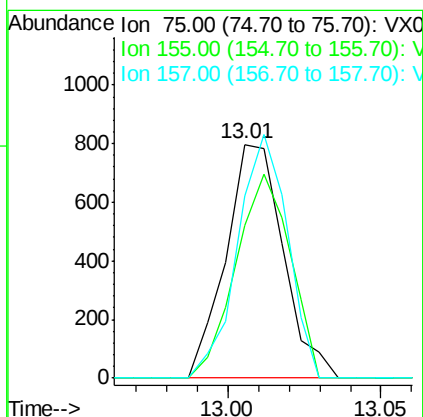
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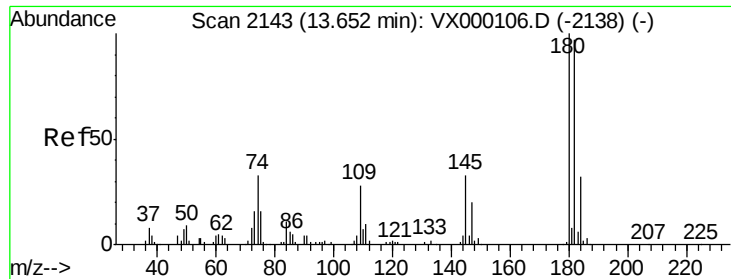
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 1.97 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX000115.D
 Acq: 20 Feb 2018 18:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.8	75.1	112.7
157	90.3	99.0	148.4





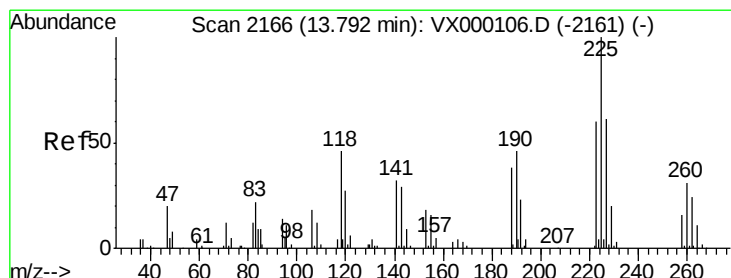
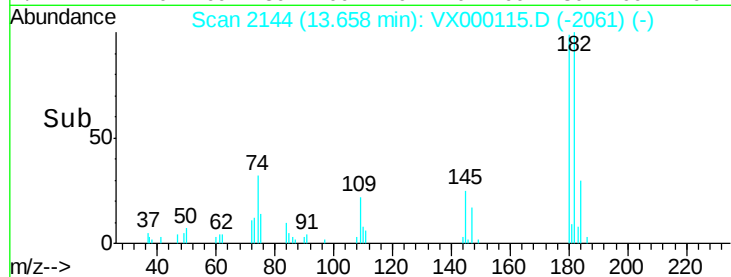
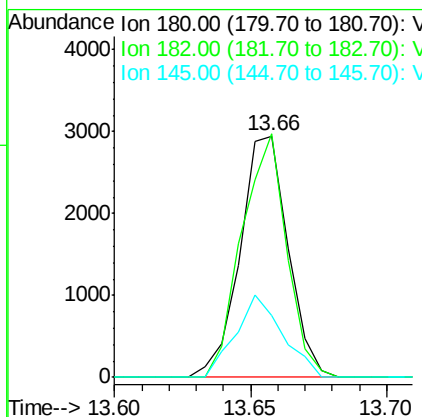
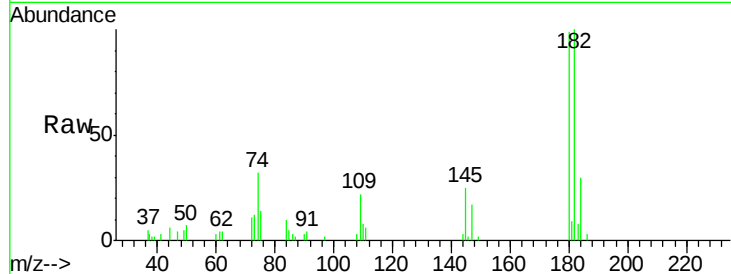
#89
 1,2,4-Trichlorobenzene
 Concen: 1.81 ug/l
 RT: 13.66 min Scan# 2144
 Delta R.T. 0.01 min
 Lab File: VX000115.D
 Acq: 20 Feb 2018 18:46

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL02 2PPB

Tot Ion	Ratio	Resp	Lower	Upper
180	100	3608		
182	93.9	76.3	114.5	
145	33.2	24.6	37.0	

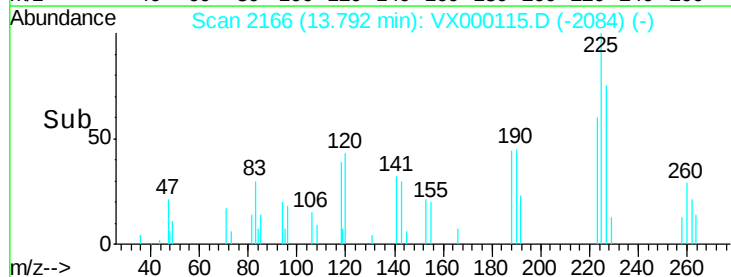
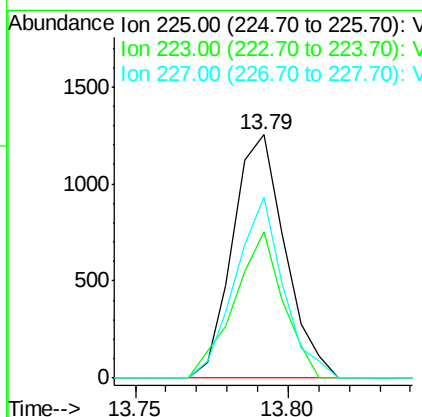
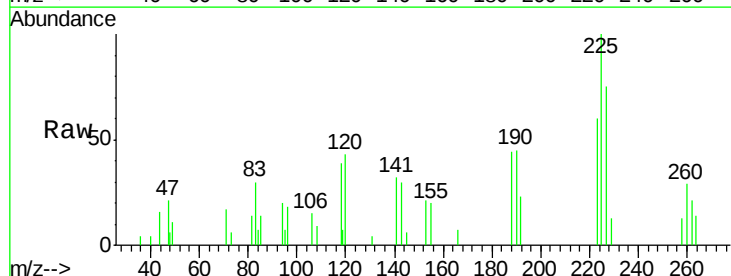
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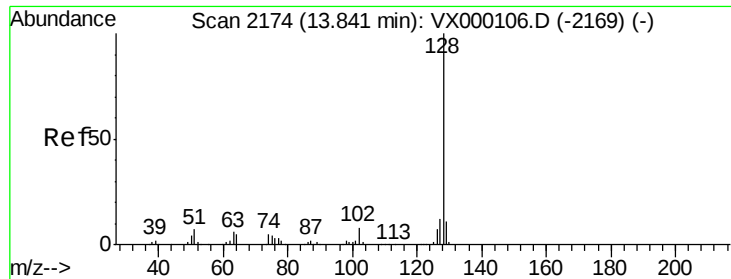
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#90
 Hexachlorobutadiene
 Concen: 1.74 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000115.D
 Acq: 20 Feb 2018 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	1491		
223	55.9	0.0	131.2	
227	68.2	0.0	127.6	





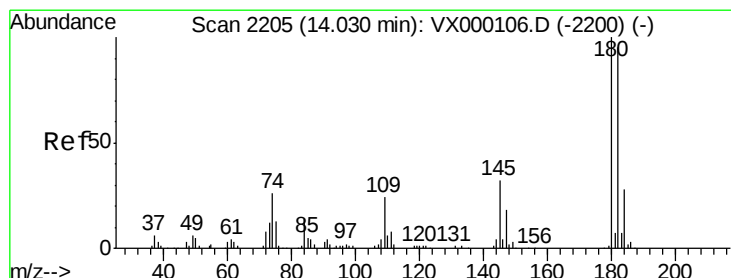
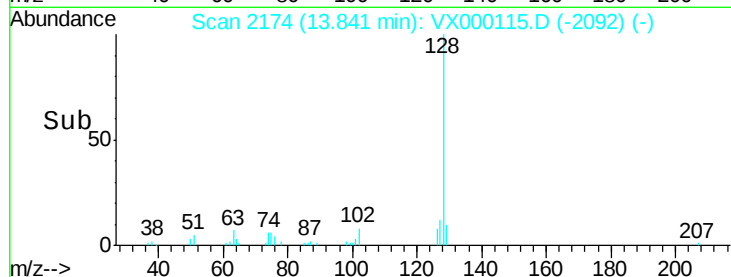
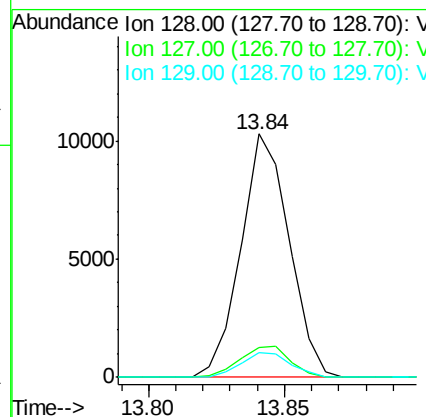
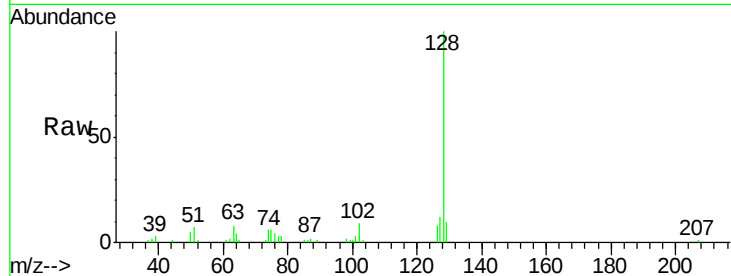
#91
Naphthalene
Concen: 1.82 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Instrument :
MSVOA_X
ClientSampleId :
MDL02 2PPB

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.5	15.7
129	10.4	9.0	13.6

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#92
1,2,3-Trichlorobenzene
Concen: 1.76 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	105.3	0.0	188.6
145	33.6	0.0	65.8

