

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX022018\
 Data File : VX000117.D
 Acq On : 20 Feb 2018 19:37
 Operator : JC/MD
 Sample : VX0220WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0220WBSD01

Manual Integrations
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 2/22/2018 4:05:08 PM

Quant Time: Feb 21 06:37:06 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	5.04	128	16094	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	96798	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	93459	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.08	65	38812	31.16	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.87%
60) 4-Bromofluorobenzene	11.15	95	46622	30.49	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.63%
63) Toluene-d8	8.73	98	121240	30.29	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.97%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	20878	20.90	ug/l	94
3) Chloromethane	1.32	50	21222	21.20	ug/l	100
4) Vinyl Chloride	1.40	62	25587	21.48	ug/l	100
5) Bromomethane	1.64	94	21048	19.18	ug/l	99
6) Chloroethane	1.73	64	16105	21.12	ug/l	99
7) Trichlorofluoromethane	1.93	101	44098	21.37	ug/l	99
8) Diethyl Ether	2.20	74	14985	20.80	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	24078	21.39	ug/l	98
10) 1,1-Dichloroethene	2.38	96	23081	21.46	ug/l	94
11) Methyl Iodide	2.51	142	22142	21.18	ug/l	97
12) Methyl Acetate	2.79	43	39238	20.42	ug/l	95
13) Acrolein	2.30	56	20707	89.54	ug/l	100
14) Acrylonitrile	3.16	53	83716	100.54	ug/l	99
15) Acetone	2.45	58	25084	92.40	ug/l	97
16) Carbon Disulfide	2.57	76	63480	20.64	ug/l	97
17) Allyl chloride	2.73	41	37852	20.65	ug/l	96
18) Methylene Chloride	2.86	84	24932	21.28	ug/l	94
19) trans-1,2-Dichloroethene	3.17	96	24581	21.01	ug/l	95
20) Diisopropyl ether	3.89	45	60127	20.77	ug/l	97
21) 1,1-Dichloroethane	3.70	63	33455	17.53	ug/l	98
22) cis-1,2-Dichloroethene	4.61	96	22572	20.76	ug/l	99
23) tert-Butyl Alcohol	3.09	59	43276	90.92	ug/l #	100
24) Methyl tert-Butyl Ether	3.22	73	80405	21.70	ug/l	97
25) Chloroform	5.23	83	39222	20.73	ug/l	98
26) Cyclohexane	5.58	56	30495	20.38	ug/l #	97
29) 1,1-Dichloropropene	5.81	75	29400	20.86	ug/l	99
30) 2-Butanone	4.73	43	104709	96.50	ug/l	99
31) 2,2-Dichloropropane	4.60	77	30822	20.33	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	36414	21.35	ug/l	99
33) Carbon Tetrachloride	5.79	117	31534	20.82	ug/l	92
34) Benzene	6.15	78	84211	20.76	ug/l #	93
35) Methacrylonitrile	5.08	41	19991	20.01	ug/l	89
36) 1,2-Dichloroethane	6.21	62	32976	21.44	ug/l	98
37) Trichloroethene	7.23	130	24125	20.12	ug/l	94
38) Methylcyclohexane	7.47	83	34472	20.40	ug/l	97
39) 1,2-Dichloropropane	7.53	63	21688	21.42	ug/l	98
40) Dibromomethane	7.67	93	16758	21.48	ug/l	95

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
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 ClientSampleID :
 VX0220WBSD01

Manual Integrations
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Quant Time: Feb 21 06:37:06 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	30838	20.79	ug/l	95
42) Vinyl Acetate	3.84	43	278496	100.70	ug/l	100
43) Ethyl Acetate	4.88	43	37979	19.93	ug/l	100
44) Isopropyl Acetate	6.49	43	57963	20.73	ug/l	99
45) 1,4-Dioxane	7.77	88	13030	370.49	ug/l	100
46) Methyl methacrylate	7.79	41	27847	20.47	ug/l	98
47) n-amyl Acetate	10.91	43	50606	20.73	ug/l	97
48) t-1,3-Dichloropropene	8.45	75	35721	20.69	ug/l	99
49) cis-1,3-Dichloropropene	9.05	75	35388	21.06	ug/l	98
50) 1,1,2-Trichloroethane	9.23	97	23966	20.92	ug/l	98
51) Ethyl methacrylate	9.20	69	35858	20.43	ug/l	98
52) 1,3-Dichloropropane	9.38	76	38718	21.07	ug/l	98
53) Dibromochloromethane	9.59	129	26134	20.50	ug/l	97
54) 1,2-Dibromoethane	9.68	107	26213	20.53	ug/l	97
55) 2-Chloroethyl vinyl ether	8.32	63	84526	110.29	ug/l	99
56) Bromoform	10.87	173	20134	19.50	ug/l	99
58) 4-Methyl-2-Pentanone	8.66	43	206554	100.90	ug/l	99
59) 2-Hexanone	9.51	43	168515	97.22	ug/l	99
61) Tetrachloroethene	9.34	164	22279	19.63	ug/l	96
62) Toluene	8.79	91	100040	20.57	ug/l	100
64) Chlorobenzene	10.15	112	67676	20.60	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.23	131	24098	20.70	ug/l	98
66) Ethyl Benzene	10.26	91	114885	20.70	ug/l	98
67) m/p-Xylenes	10.37	106	89939	41.33	ug/l	99
68) o-Xylene	10.71	106	43878	20.76	ug/l	100
69) Styrene	10.72	104	72925	20.83	ug/l	100
70) Isopropylbenzene	11.02	105	116453	20.38	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	41249	20.98	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	36074m	20.46	ug/l	
73) Bromobenzene	11.26	156	30101	20.10	ug/l	98
74) n-propylbenzene	11.37	91	137323	20.51	ug/l	100
75) 2-Chlorotoluene	11.43	91	79813	20.73	ug/l	99
76) 1,3,5-Trimethylbenzene	11.52	105	101609	20.99	ug/l	71
77) t-1,4-Dichloro-2-butene	11.09	75	11972	19.20	ug/l	94
78) 4-Chlorotoluene	11.52	91	94485	20.49	ug/l	99
79) tert-butylbenzene	11.78	119	98889m	20.52	ug/l	
80) 1,2,4-Trimethylbenzene	11.82	105	104413	21.14	ug/l	98
81) sec-Butylbenzene	11.96	105	123984	20.81	ug/l	98
82) p-Isopropyltoluene	12.07	119	109066	20.52	ug/l	99
83) 1,3-Dichlorobenzene	12.04	146	58138	20.39	ug/l	99
84) 1,4-Dichlorobenzene	12.11	146	59938	20.17	ug/l	100
85) n-Butylbenzene	12.40	91	102826	20.63	ug/l	100
86) Hexachloroethane	12.60	117	17919	20.19	ug/l	98
87) 1,2-Dichlorobenzene	12.40	146	58991	20.88	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.01	75	10594	19.27	ug/l	97
89) 1,2,4-Trichlorobenzene	13.65	180	40899	19.71	ug/l	99
90) Hexachlorobutadiene	13.79	225	16960	18.97	ug/l	98
91) Naphthalene	13.84	128	147911	20.39	ug/l	100
92) 1,2,3-Trichlorobenzene	14.03	180	41737	20.00	ug/l	99

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01

Manual Integrations
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Quant Time: Feb 21 06:37:06 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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

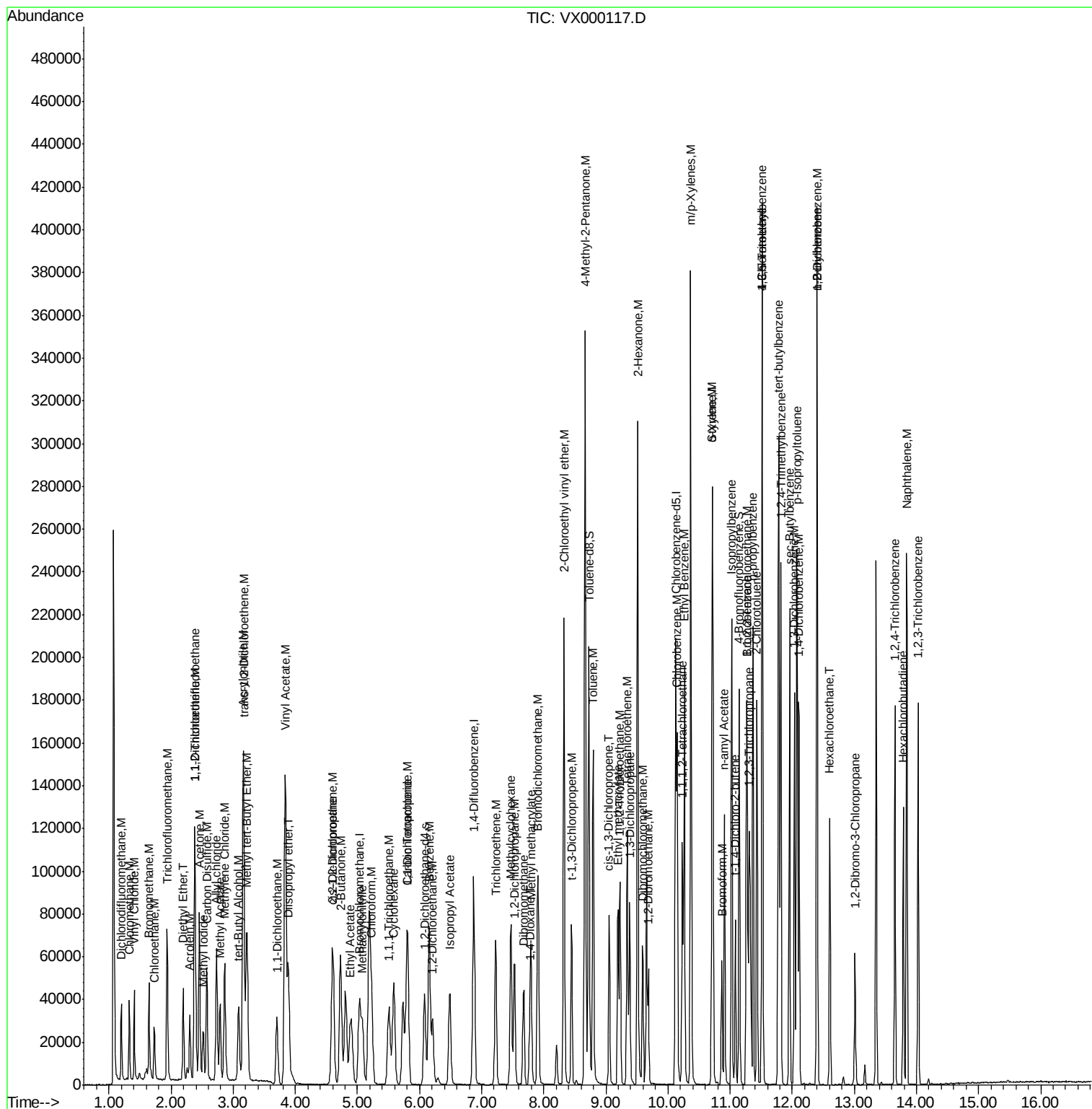
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX022018\
Data File : VX000117.D
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Sample : VX0220WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

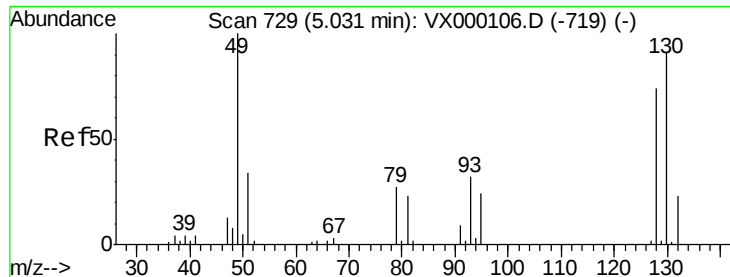
Instrument :
MSVOA_X
ClientSampleID :
VX0220WBSD01

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Quant Time: Feb 21 06:37:06 2018
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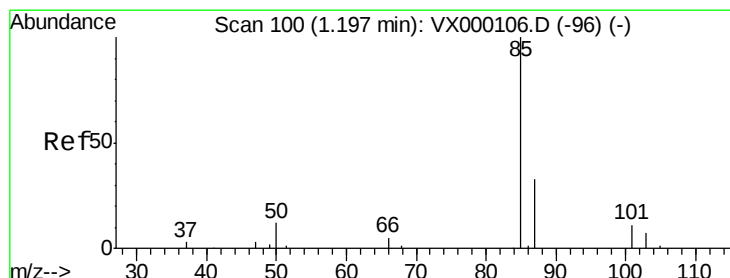
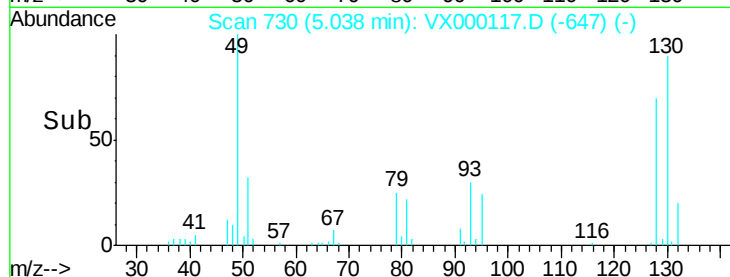
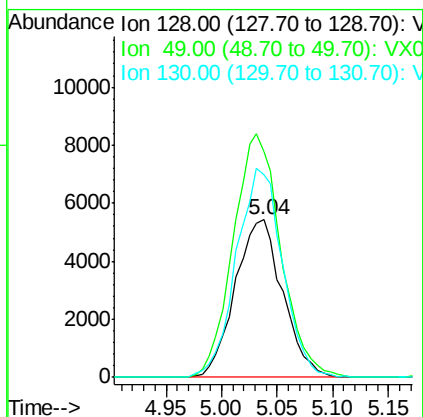
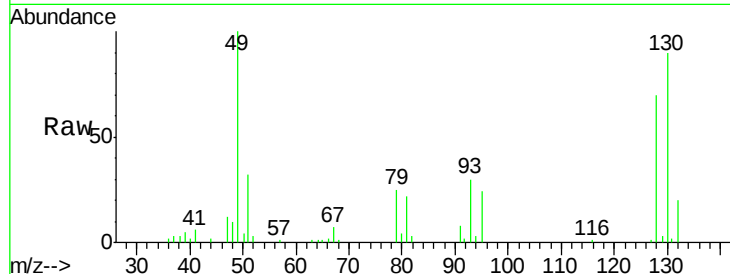
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 5.04 min Scan# 730
Delta R.T. 0.01 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
49	154.9	0.0	378.3
130	128.8	0.0	324.3

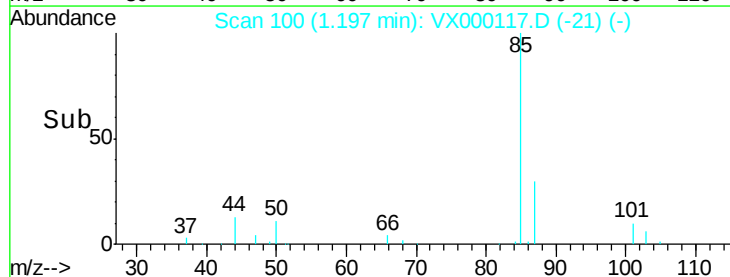
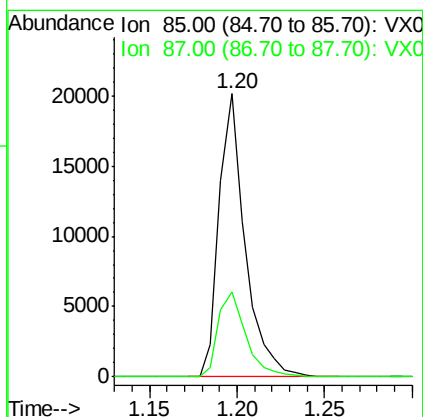
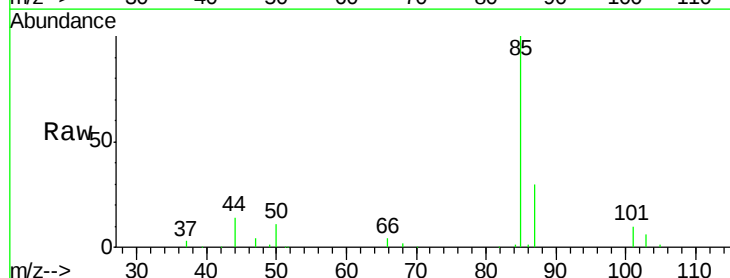
Manual Integrations
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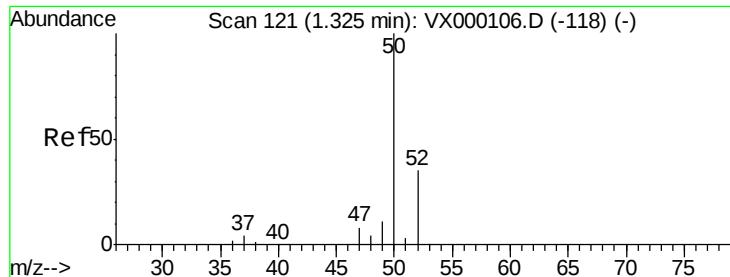
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#2
Dichlorodifluoromethane
Concen: 20.90 ug/l
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

Tgt Ion	Ratio	Lower	Upper
85	100		
87	30.0	16.6	49.7





#3

Chloromethane

Concen: 21.20 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000117.D

Acq: 20 Feb 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBSD01

Tot Ion: 50 Resp: 21222

Ion Ratio Lower Upper

50 100

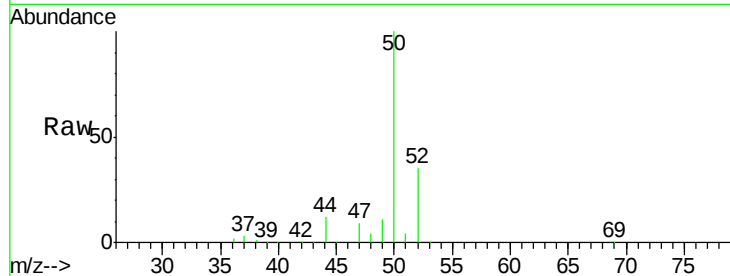
52 34.9 27.8 41.6

Manual Integrations

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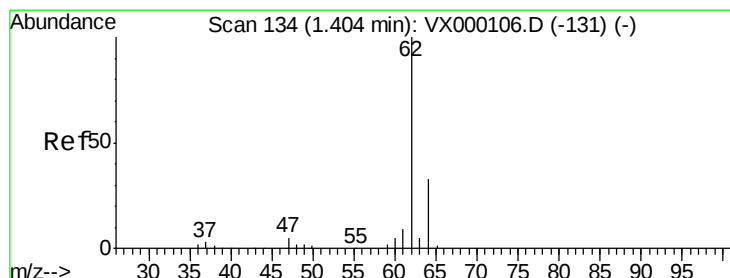
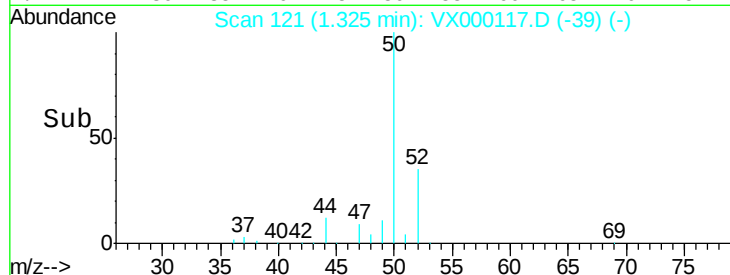
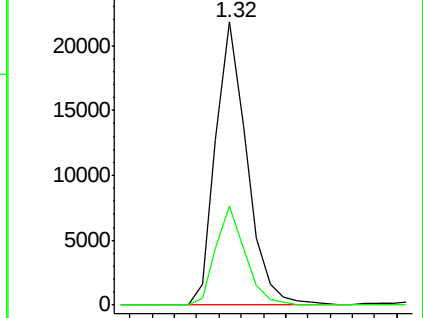
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Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 21.48 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX000117.D

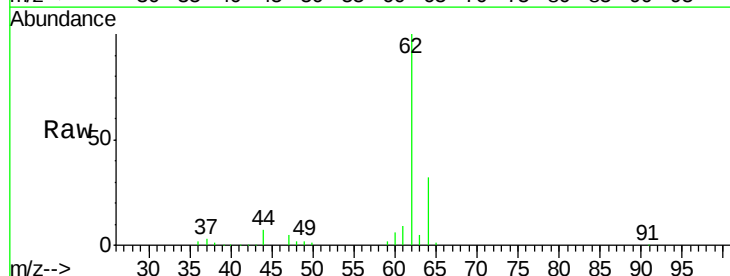
Acq: 20 Feb 2018 19:37

Tgt Ion: 62 Resp: 25587

Ion Ratio Lower Upper

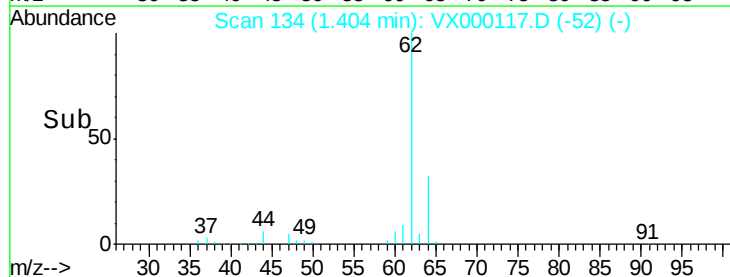
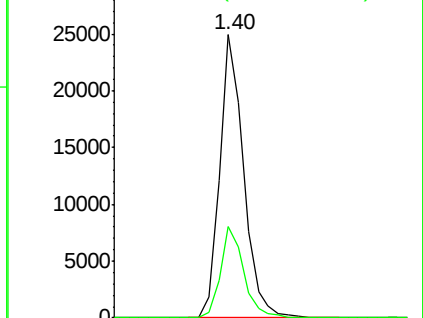
62 100

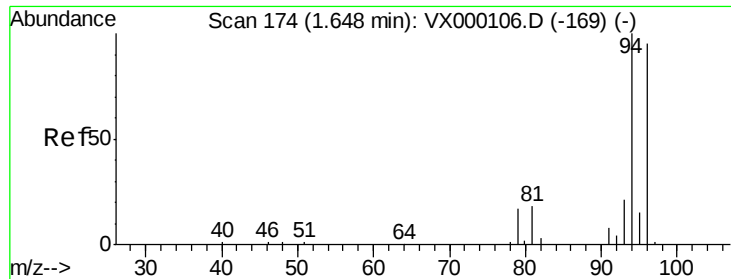
64 32.3 26.0 39.0



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 19.18 ug/l

RT: 1.64 min Scan# 173

Delta R.T. -0.01 min

Lab File: VX000117.D

Acq: 20 Feb 2018 19:37

Instrument :

MSVOA_X

ClientSampled :

VX0220WBSD01

Tot Ion: 94 Resp: 21048

Ion Ratio Lower Upper

94 100

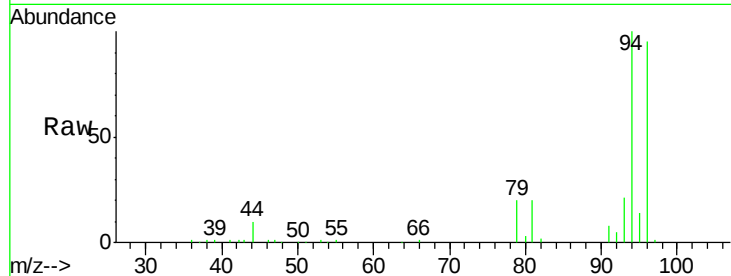
96 95.7 76.2 114.2

Manual Integrations

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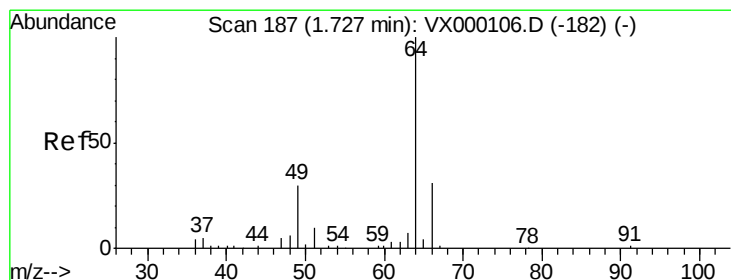
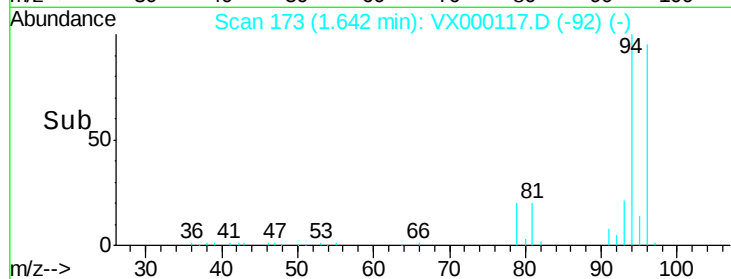
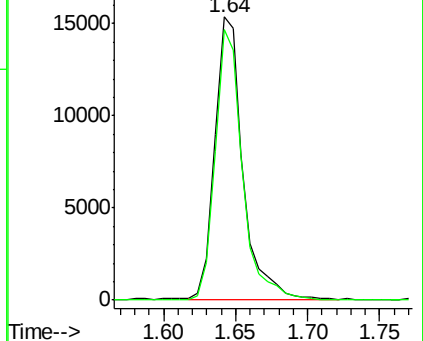
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 21.12 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000117.D

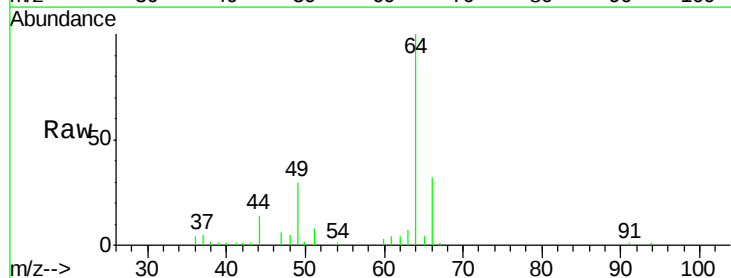
Acq: 20 Feb 2018 19:37

Tgt Ion: 64 Resp: 16105

Ion Ratio Lower Upper

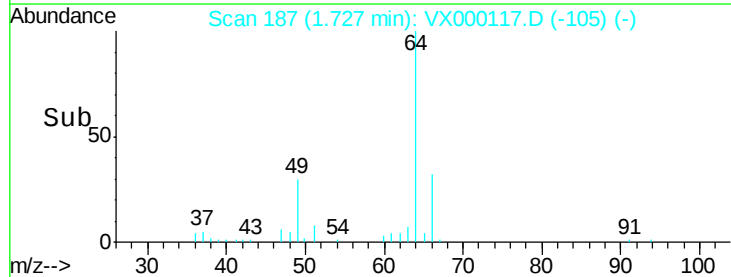
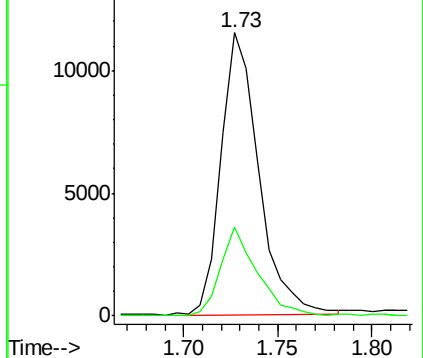
64 100

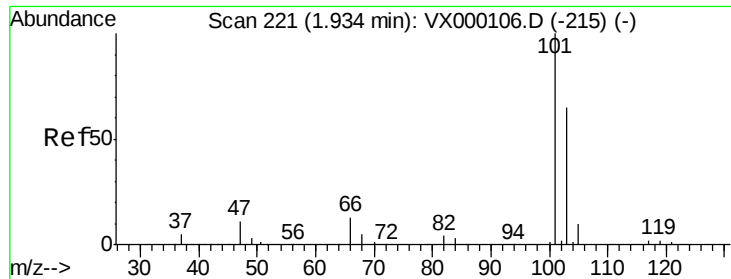
66 31.8 25.2 37.8



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

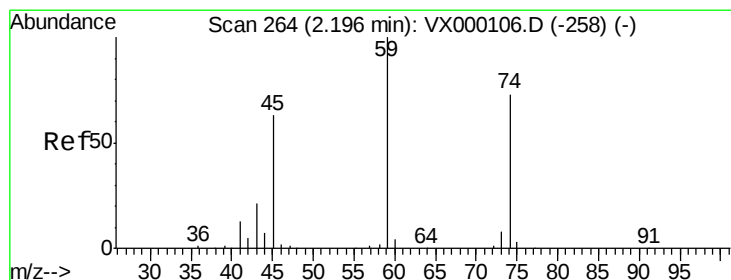
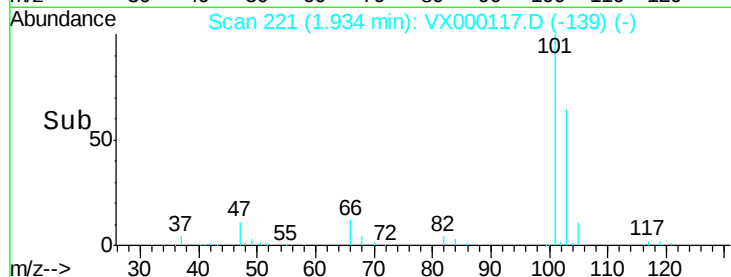
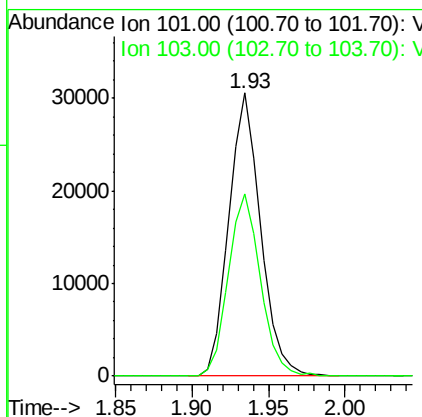
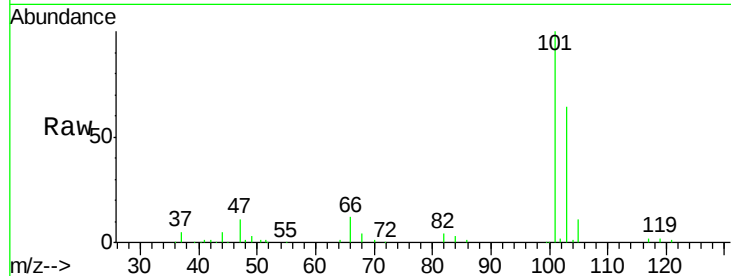
Trichlorofluoromethane
 Concen: 21.37 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VX000117.D
 Acq: 20 Feb 2018 19:37

Instrument :
 MSVOA_X
 ClientSampled :
 VX0220WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	52.2	78.4

Manual Integrations
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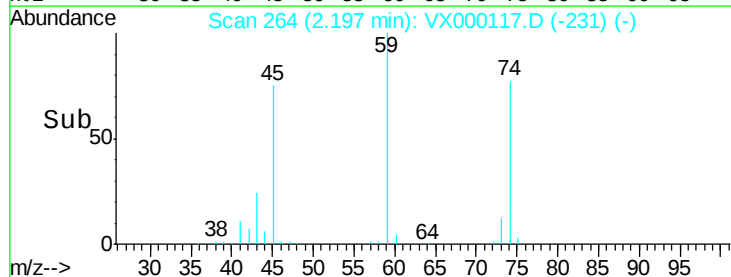
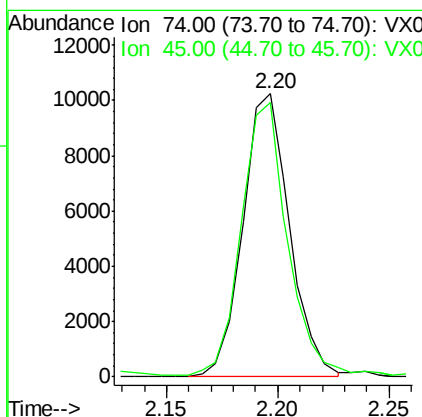
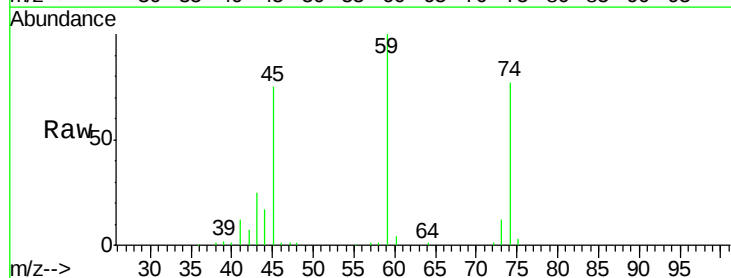
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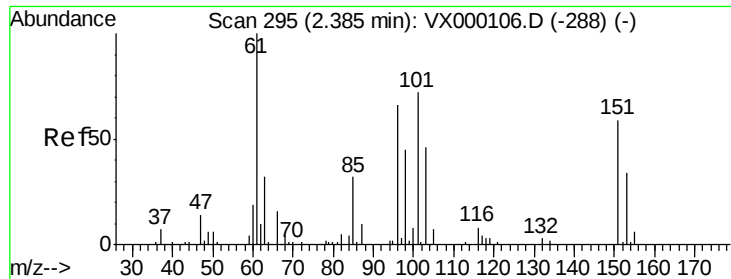


#8

Diethyl Ether
 Concen: 20.80 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. 0.00 min
 Lab File: VX000117.D
 Acq: 20 Feb 2018 19:37

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.4	17.8	159.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.39 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX000117.D

Acq: 20 Feb 2018 19:37

Instrument :

MSVOA_X

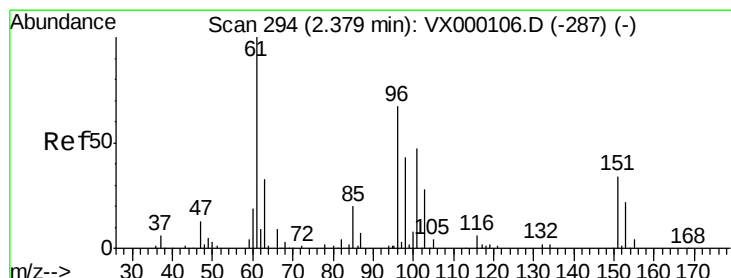
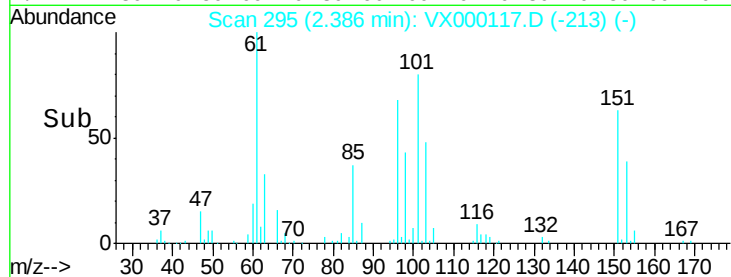
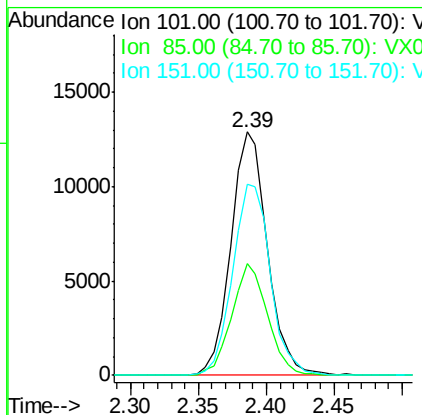
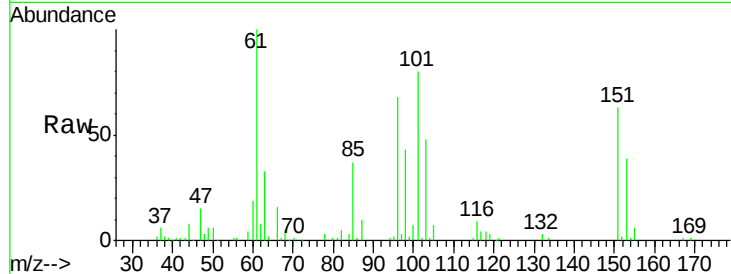
ClientSampled :

VX0220WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	24078		
85	45.1	0.0	90.4	
151	81.2	0.0	167.6	

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#10

1,1-Dichloroethene

Concen: 21.46 ug/l

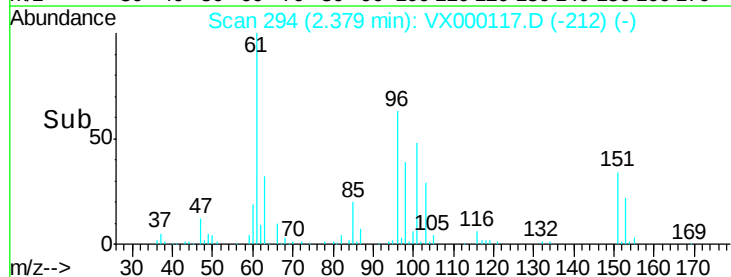
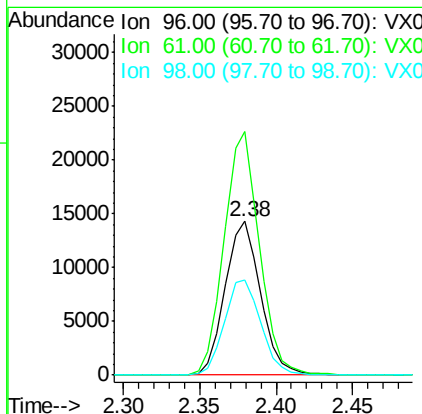
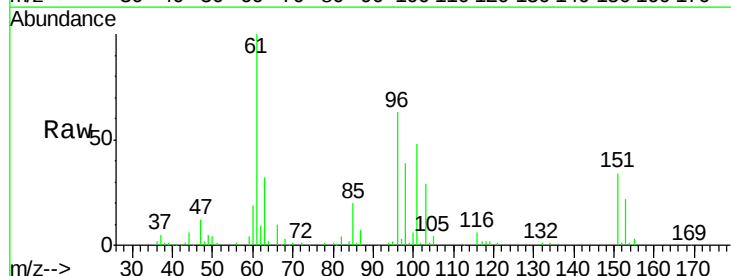
RT: 2.38 min Scan# 294

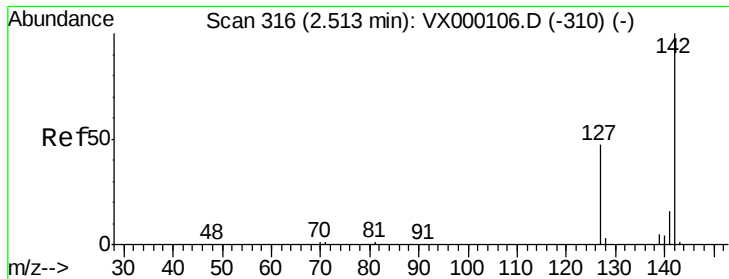
Delta R.T. 0.00 min

Lab File: VX000117.D

Acq: 20 Feb 2018 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	23081		
61	157.8	118.6	178.0	
98	61.4	51.0	76.6	





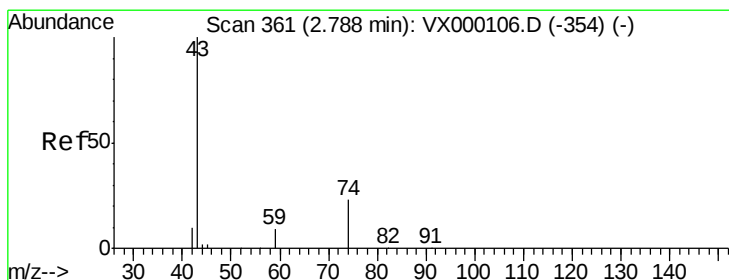
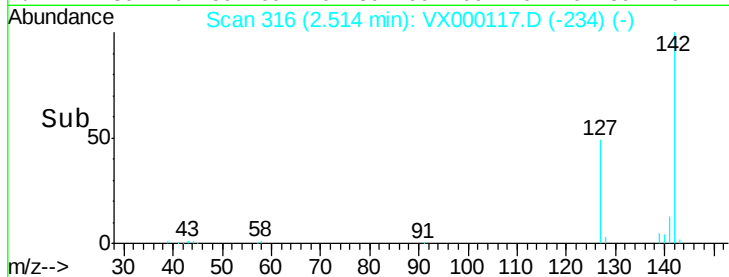
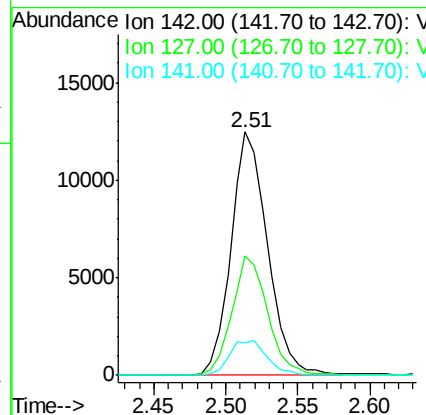
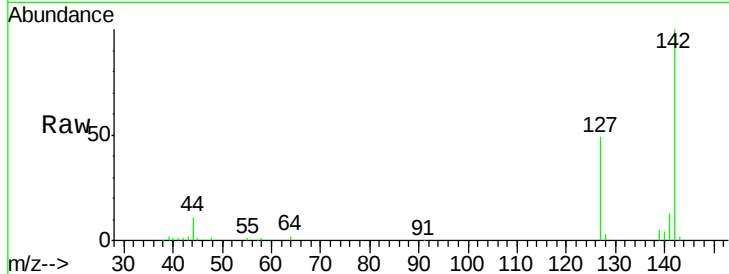
#11
Methvl Iodide
Concen: 21.18 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01

Tot Ion	Ratio	Lower	Upper
142	100		
127	49.0	23.8	71.5
141	13.4	8.2	24.4

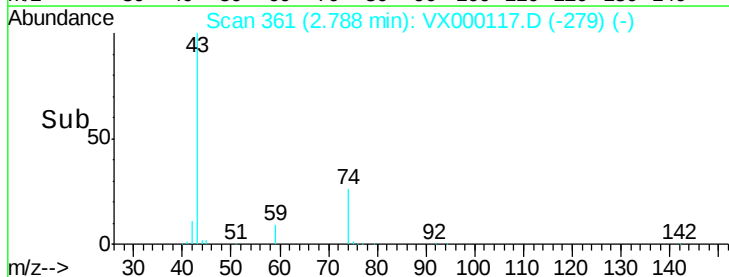
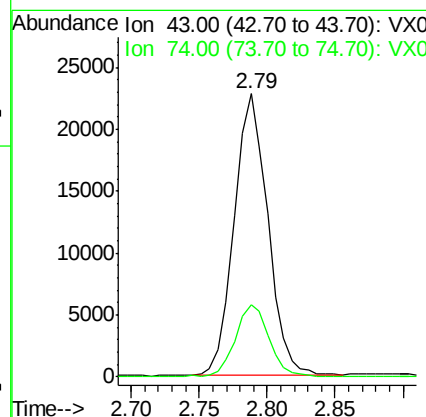
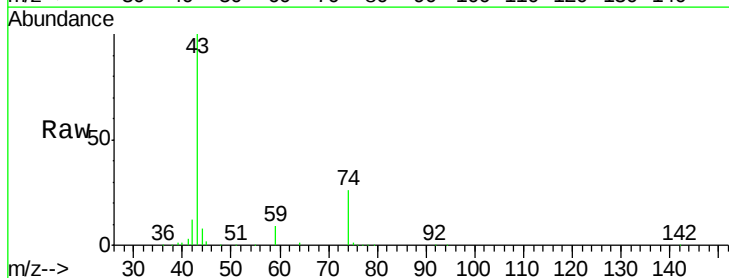
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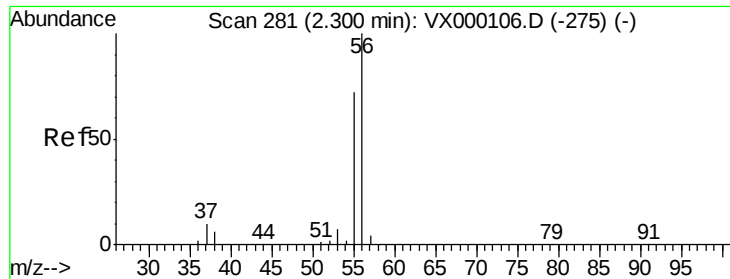
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#12
Methyl Acetate
Concen: 20.42 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.00 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.6	18.6	27.8





#13

Acrolein

Concen: 89.54 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000117.D

Acq: 20 Feb 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBSD01

Tot Ion: 56 Resp: 20707

Ion Ratio Lower Upper

56 100

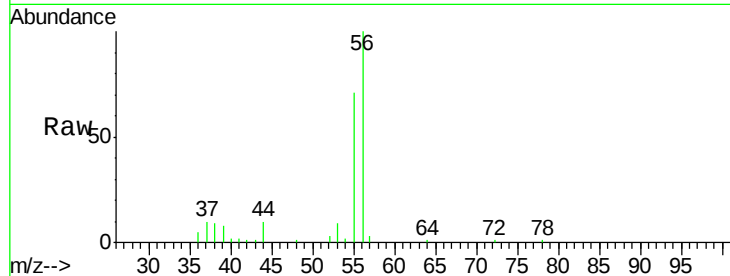
55 71.7 57.3 85.9

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

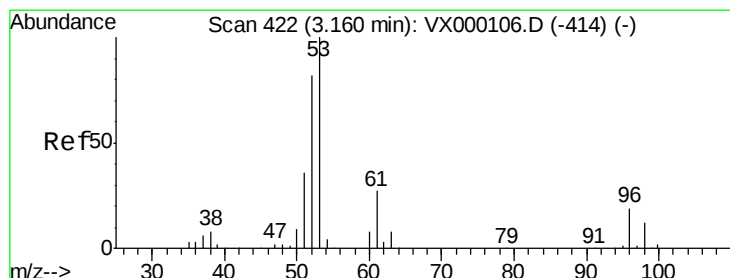
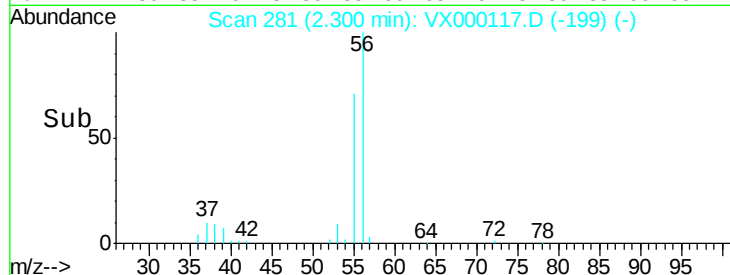
15000

10000

5000

0

Time-->



#14

Acrylonitrile

Concen: 100.54 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX000117.D

Acq: 20 Feb 2018 19:37

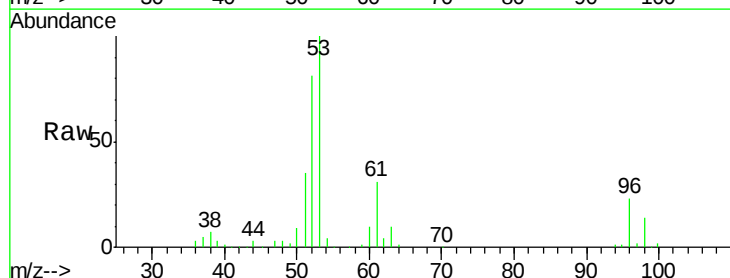
Tgt Ion: 53 Resp: 83716

Ion Ratio Lower Upper

53 100

52 83.5 41.9 125.8

51 36.1 18.8 56.3



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

60000

50000

40000

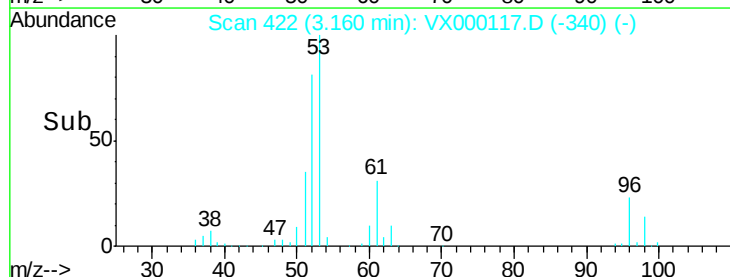
30000

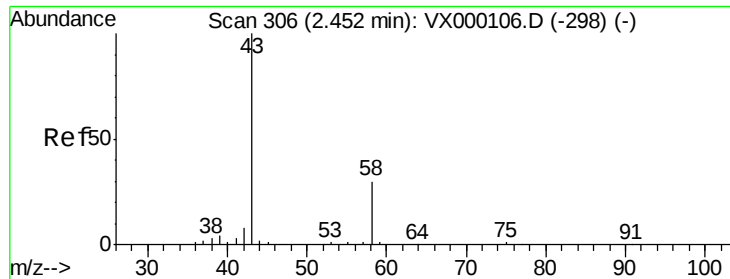
20000

10000

0

Time-->





#15

Acetone

Concen: 92.40 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000117.D

Acq: 20 Feb 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBSD01

Tot Ion: 58 Resp: 25084

Ion Ratio Lower Upper

58 100

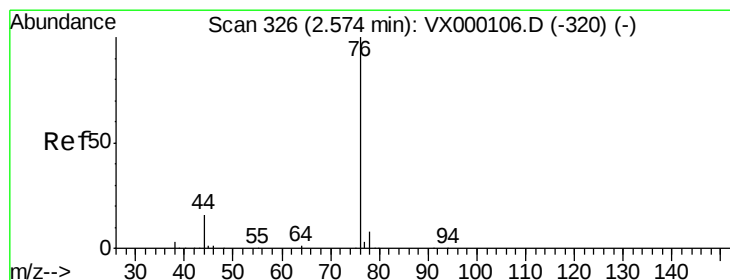
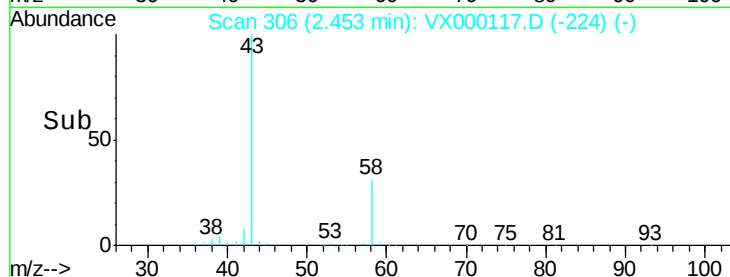
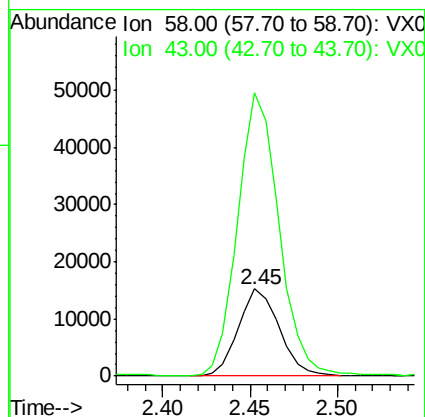
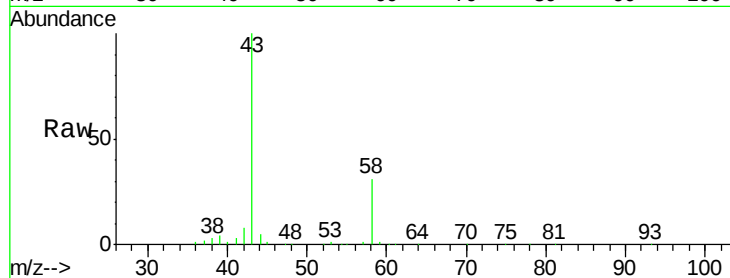
43 324.1 264.6 396.8

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#16

Carbon Disulfide

Concen: 20.64 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000117.D

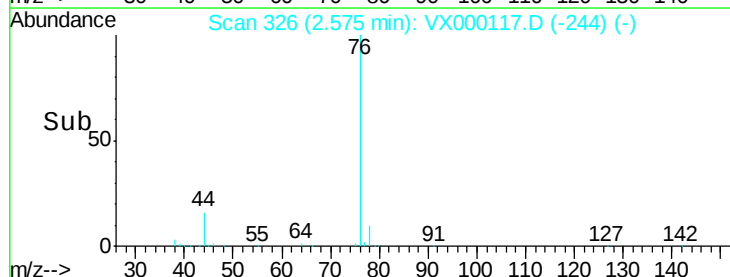
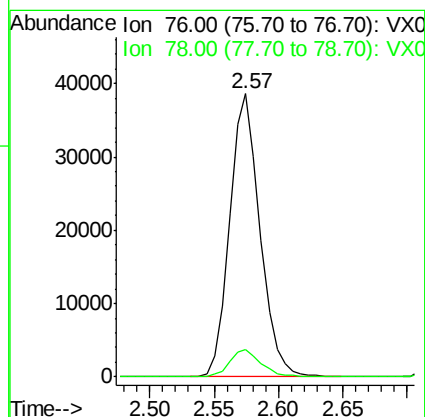
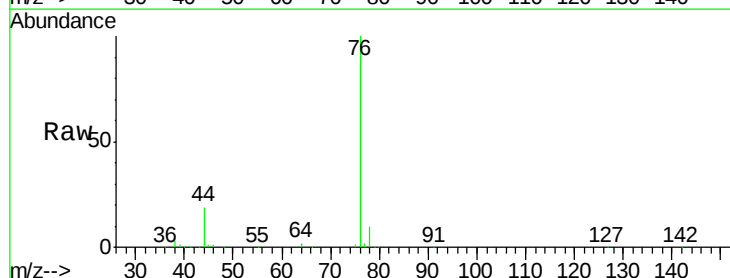
Acq: 20 Feb 2018 19:37

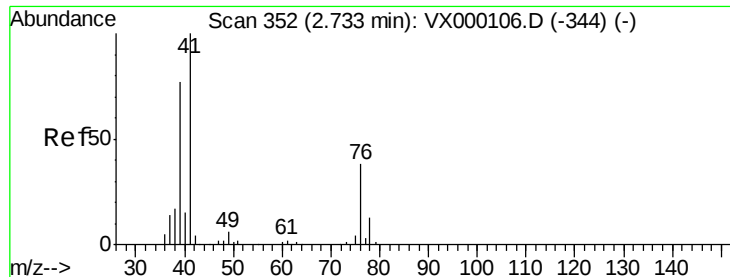
Tgt Ion: 76 Resp: 63480

Ion Ratio Lower Upper

76 100

78 9.5 6.8 10.2





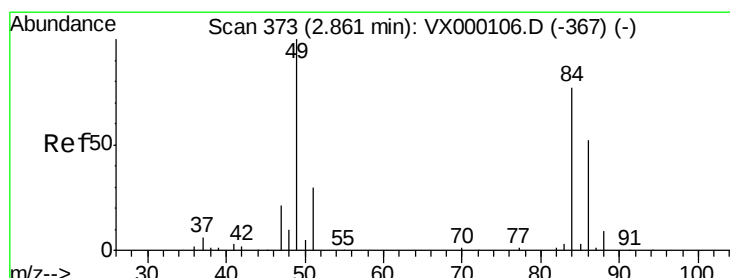
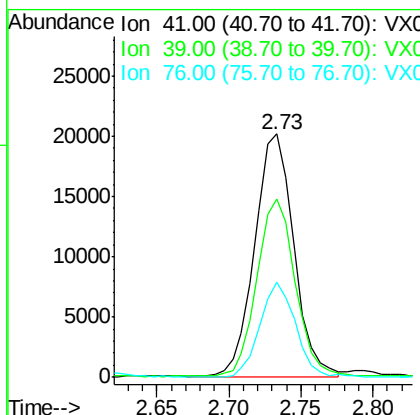
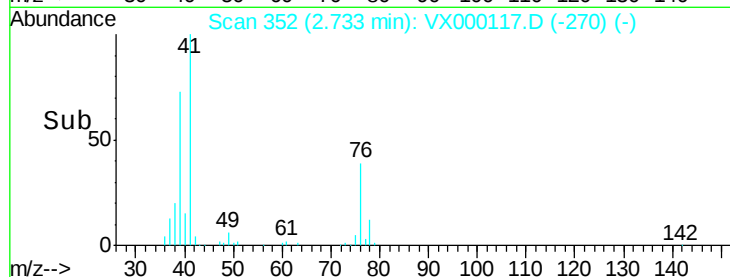
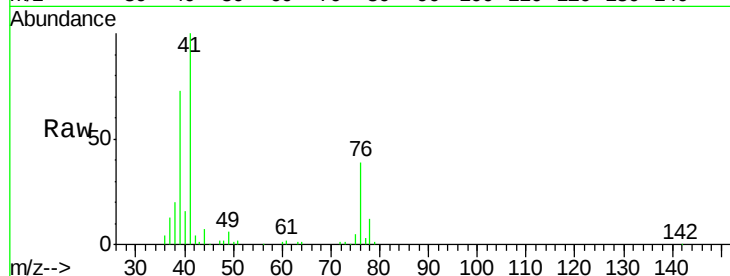
#17
Allvl chloride
Concen: 20.65 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01

Tot Ion:	41	Resp:	37852
Ion	Ratio	Lower	Upper
41	100		
39	72.9	38.5	115.5
76	39.0	18.7	56.1

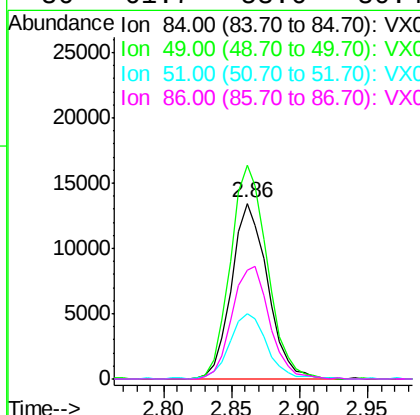
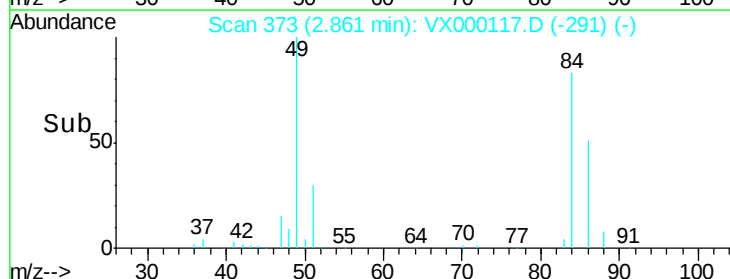
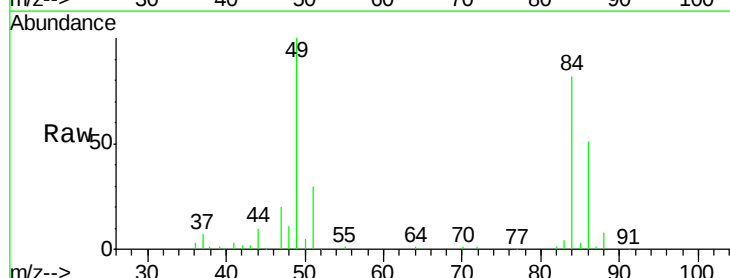
Manual Integrations
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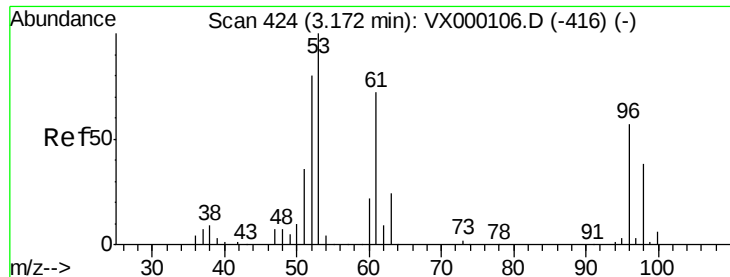
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#18
Methylene Chloride
Concen: 21.28 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

Tgt Ion:	84	Resp:	24932
Ion	Ratio	Lower	Upper
84	100		
49	121.8	103.3	154.9
51	37.0	31.2	46.8
86	61.7	53.6	80.4





#19

trans-1,2-Dichloroethene

Concen: 21.01 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000117.D

Acq: 20 Feb 2018 19:37

Instrument :

MSVOA_X

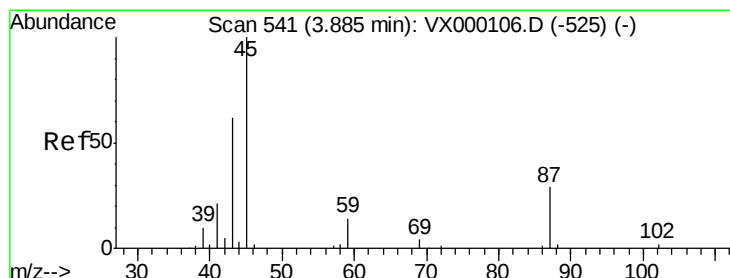
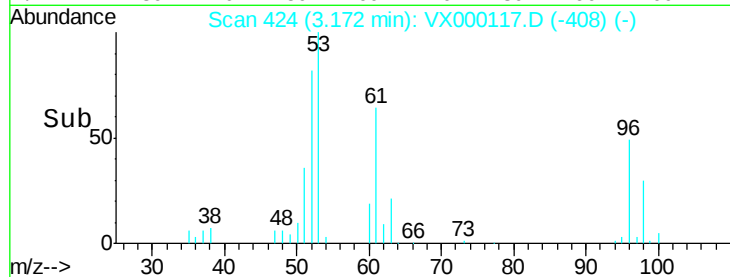
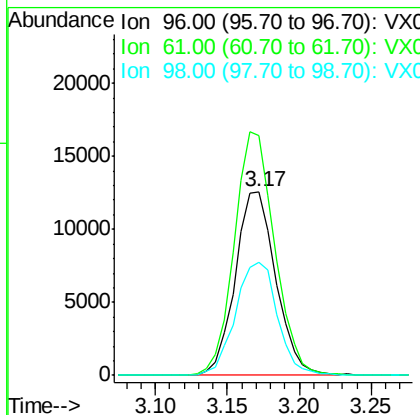
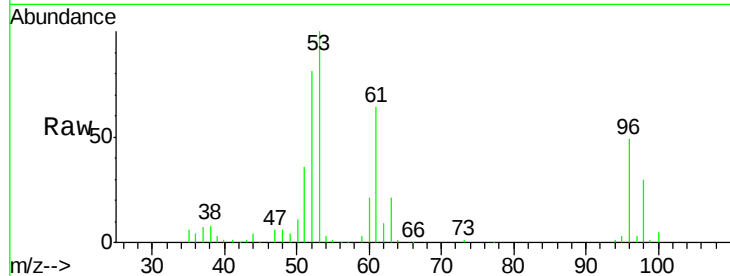
ClientSampled :

VX0220WBSD01

Tot Ion:	96	Resp:	24581
Ion	Ratio	Lower	Upper
96	100		
61	130.5	101.0	151.6
98	61.6	53.3	79.9

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#20

Diisopropyl ether

Concen: 20.77 ug/l

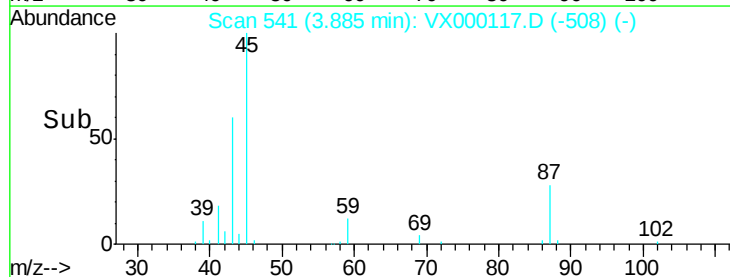
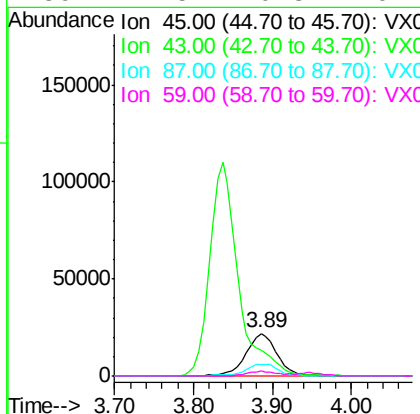
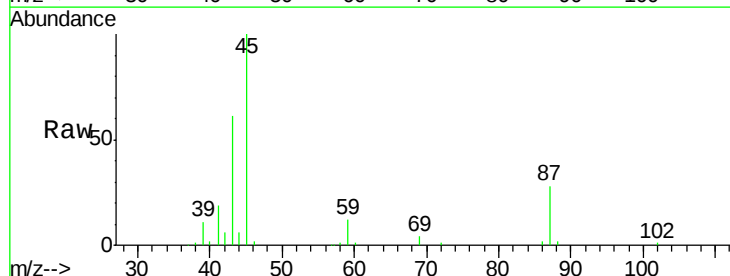
RT: 3.89 min Scan# 541

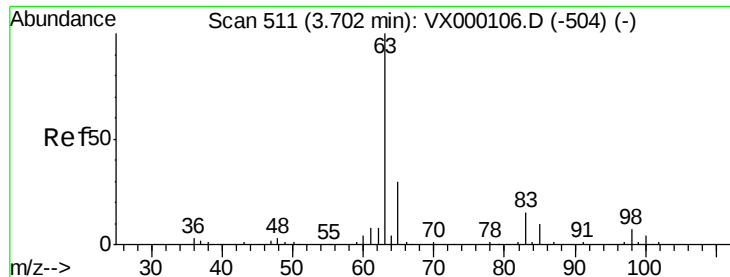
Delta R.T. 0.00 min

Lab File: VX000117.D

Acq: 20 Feb 2018 19:37

Tgt Ion:	45	Resp:	60127
Ion	Ratio	Lower	Upper
45	100		
43	58.9	49.6	74.4
87	28.3	23.1	34.7
59	11.5	10.8	16.2





#21

1,1-Dichloroethane

Concen: 17.53 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000117.D

Acq: 20 Feb 2018 19:37

Instrument :

MSVOA_X

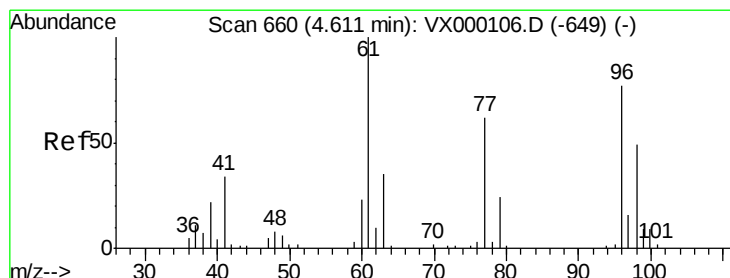
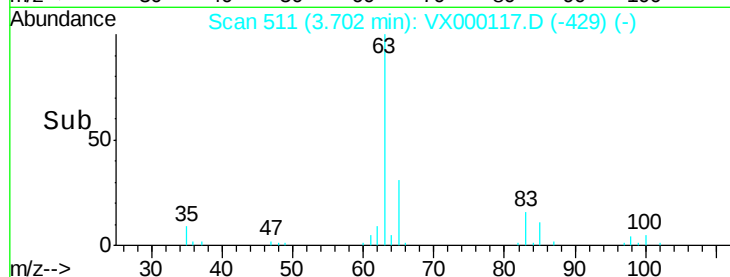
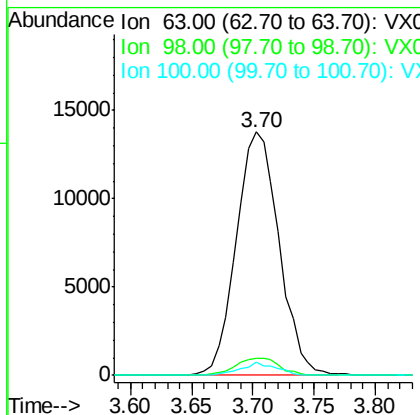
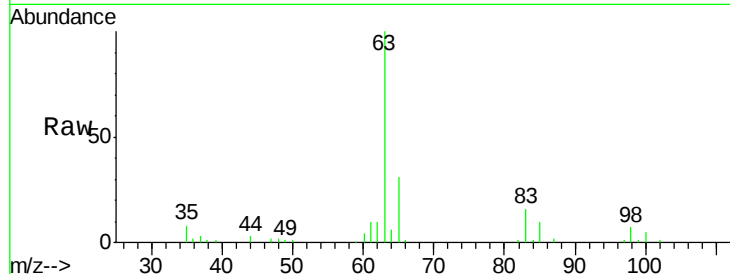
ClientSampleId :

VX0220WBSD01

Tot Ion:	63	Resp:	33455
Ion Ratio	Lower	Upper	
63	100		
98	7.1	3.3	9.9
100	5.3	2.1	6.5

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#22

cis-1,2-Dichloroethene

Concen: 20.76 ug/l

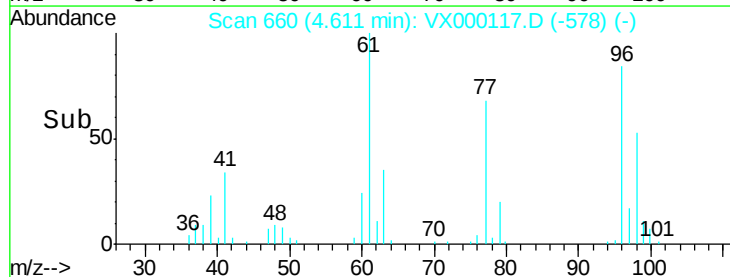
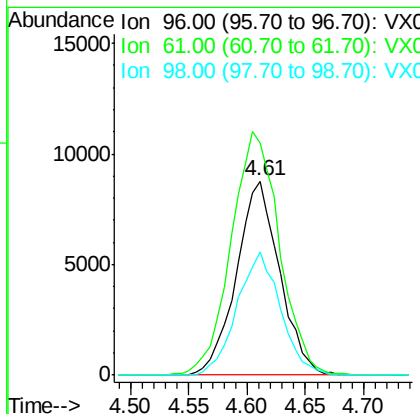
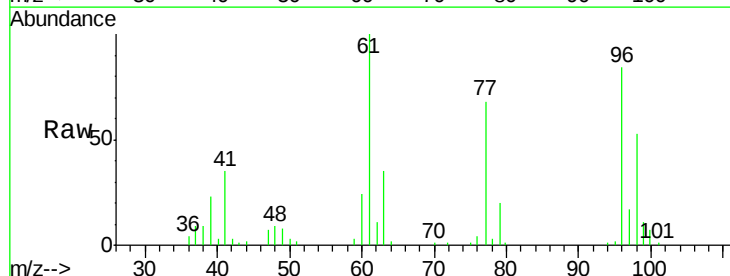
RT: 4.61 min Scan# 660

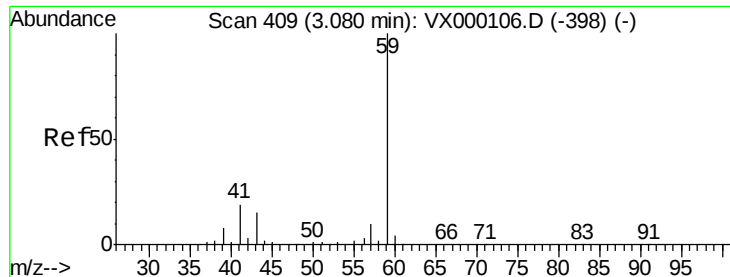
Delta R.T. 0.00 min

Lab File: VX000117.D

Acq: 20 Feb 2018 19:37

Tgt Ion:	96	Resp:	22572
Ion Ratio	Lower	Upper	
96	100		
61	140.7	113.5	170.3
98	64.0	51.8	77.8





#23

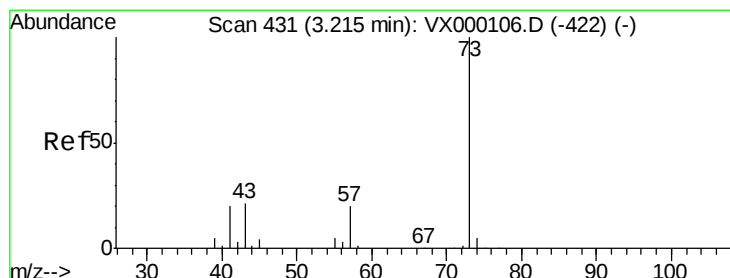
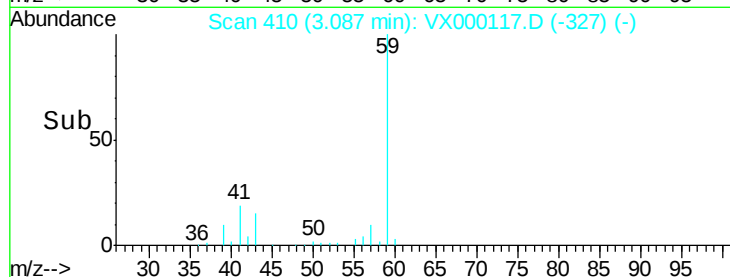
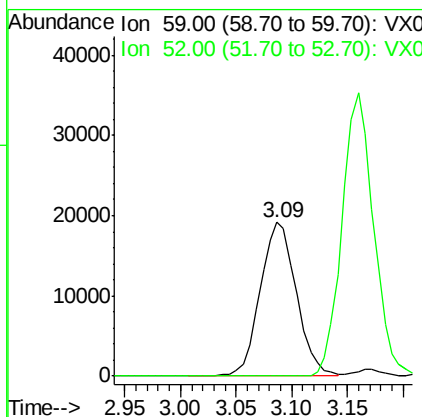
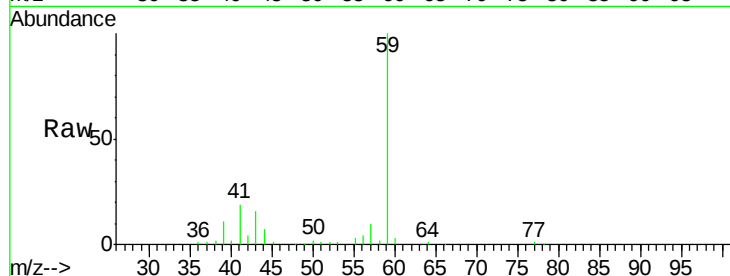
tert-Butyl Alcohol
 Concen: 90.92 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. 0.01 min
 Lab File: VX000117.D
 Acq: 20 Feb 2018 19:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.2	0.1	0.1#

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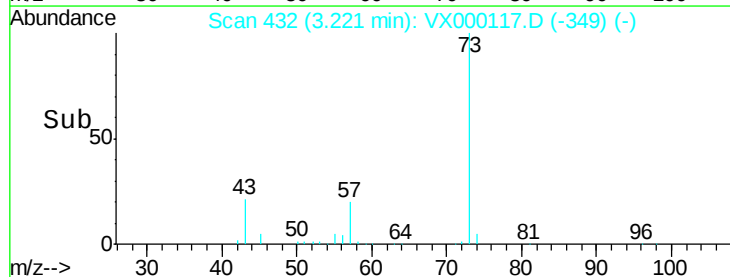
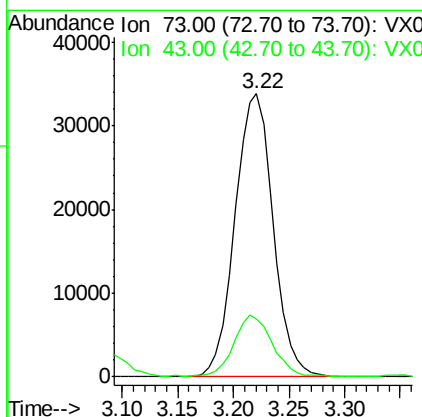
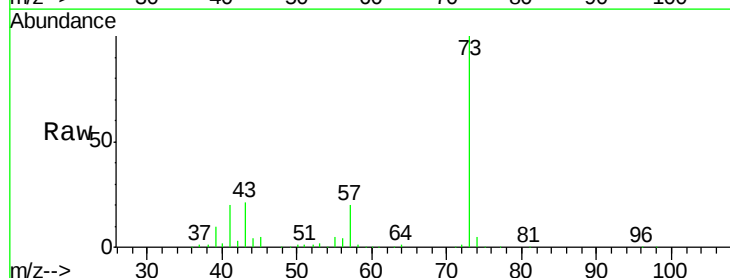
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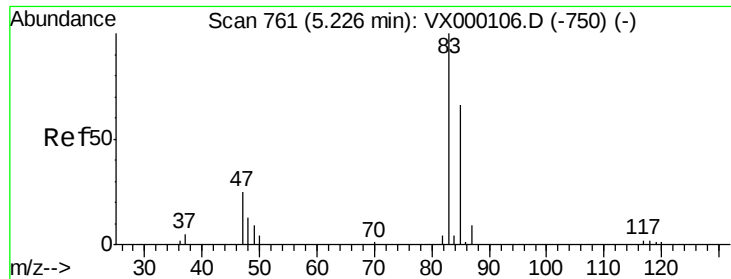


#24

Methyl tert-Butyl Ether
 Concen: 21.70 ug/l
 RT: 3.22 min Scan# 432
 Delta R.T. 0.01 min
 Lab File: VX000117.D
 Acq: 20 Feb 2018 19:37

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.9	16.5	24.7





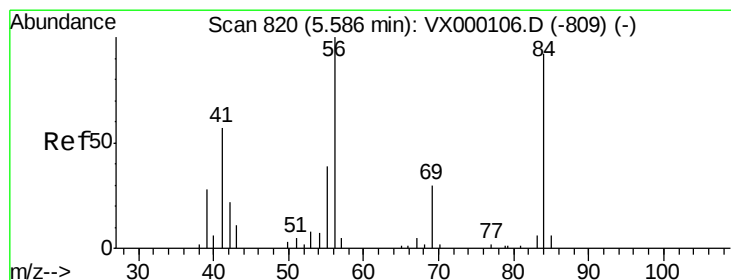
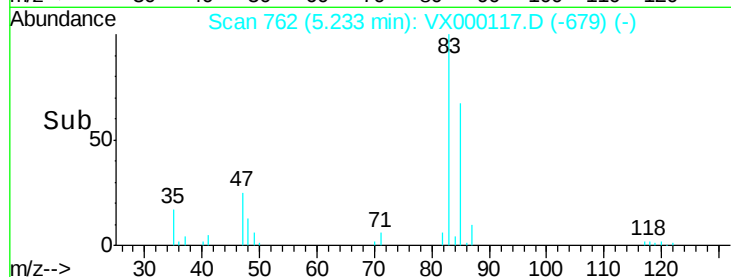
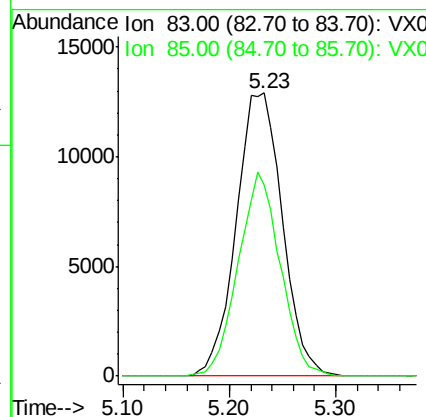
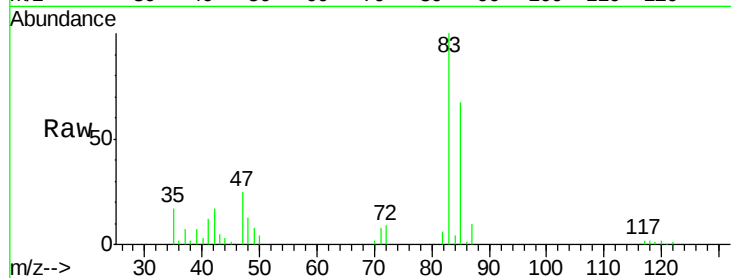
#25
Chloroform
Concen: 20.73 ug/l
RT: 5.23 min Scan# 762
Delta R.T. 0.01 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01

Tot Ion: 83 Resp: 39222
Ion Ratio Lower Upper
83 100
85 67.4 52.5 78.7

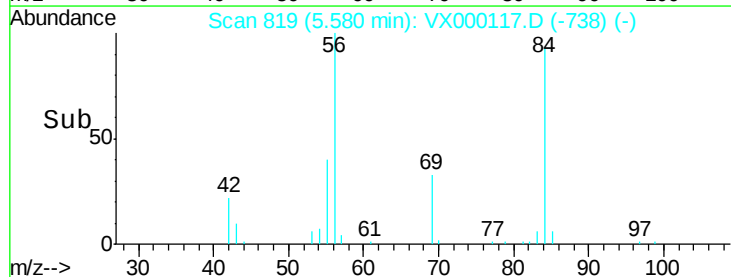
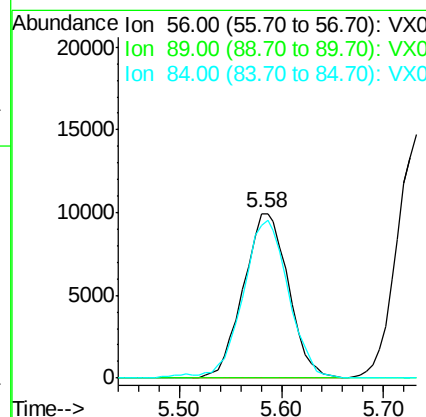
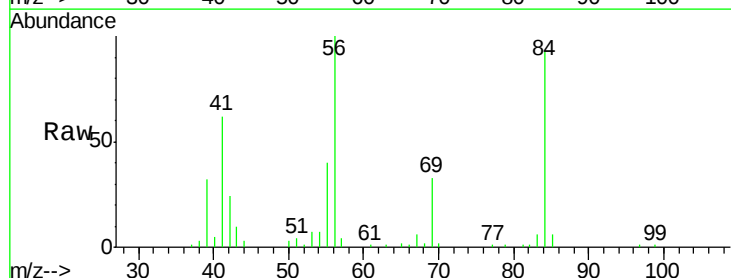
Manual Integrations
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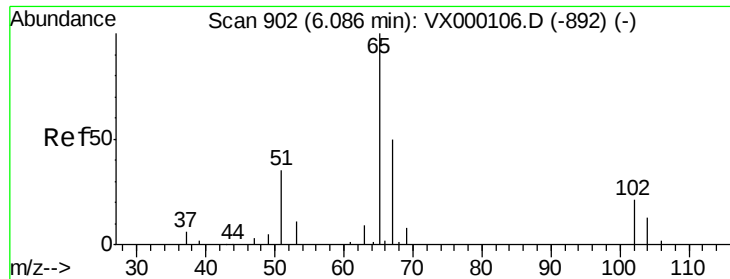
apatel
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#26
Cyclohexane
Concen: 20.38 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.01 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

Tgt Ion: 56 Resp: 30495
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 96.2 74.8 112.2





#27

1,2-Dichloroethane-d4

Concen: 31.16 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.01 min

Lab File: VX000117.D

Acq: 20 Feb 2018 19:37

Tot Ion: 65 Resp: 38812

Ion Ratio Lower Upper

65 100

67 51.4 41.4 62.2

Instrument :

MSVOA_X

ClientSampled :

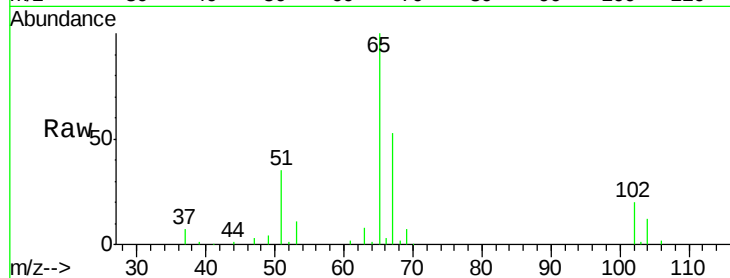
VX0220WBSD01

Manual Integrations

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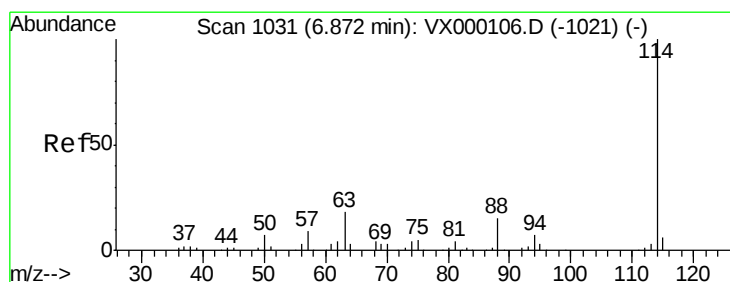
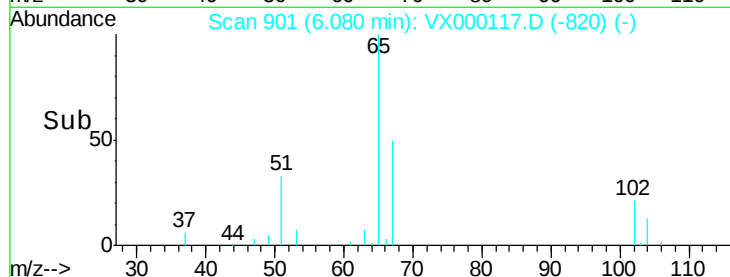
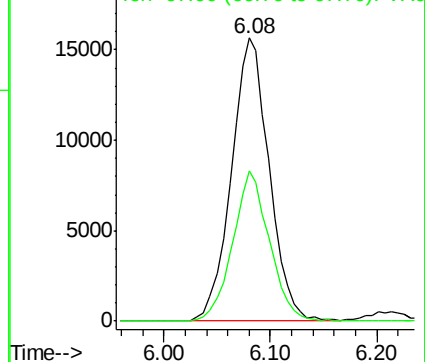
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Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VX000117.D

Acq: 20 Feb 2018 19:37

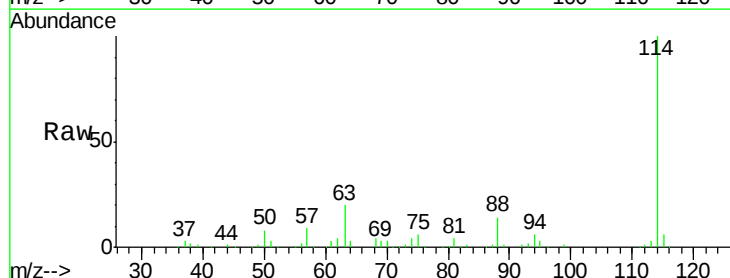
Tgt Ion: 114 Resp: 96798

Ion Ratio Lower Upper

114 100

63 19.3 15.0 22.4

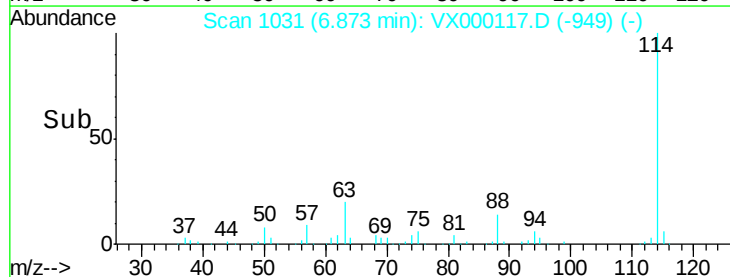
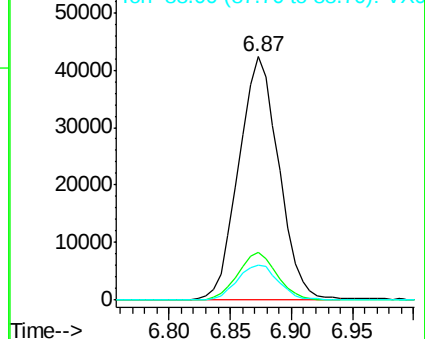
88 14.7 11.8 17.8

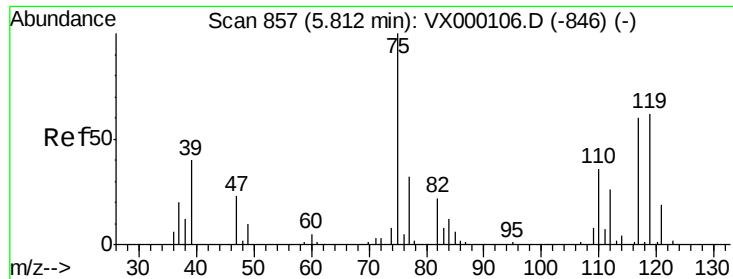


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





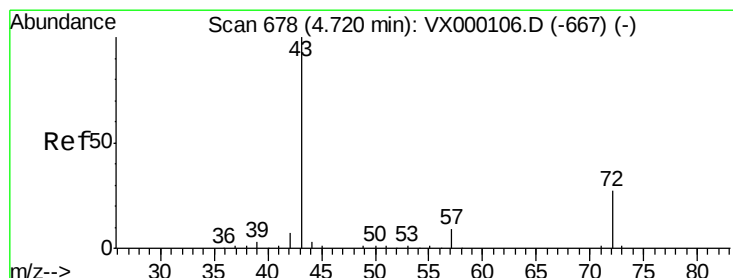
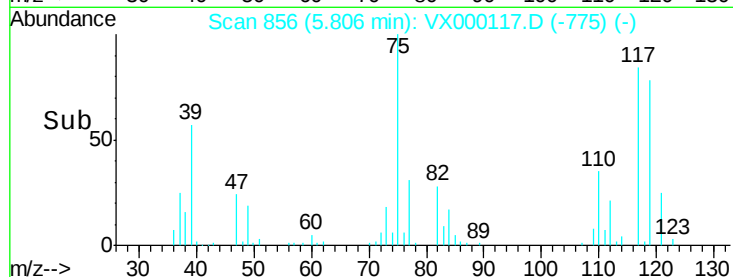
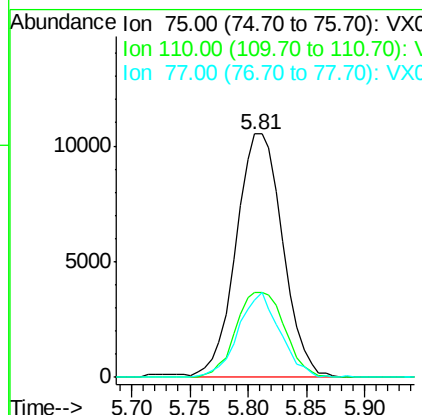
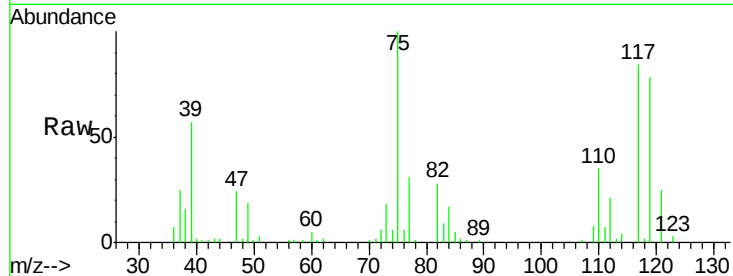
#29
 1,1-Dichloropropene
 Concen: 20.86 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: VX000117.D
 Acq: 20 Feb 2018 19:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBSD01

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	36.6	0.0	75.6
77	30.9	0.0	62.6

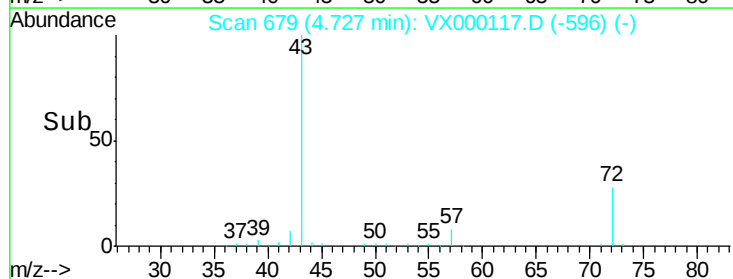
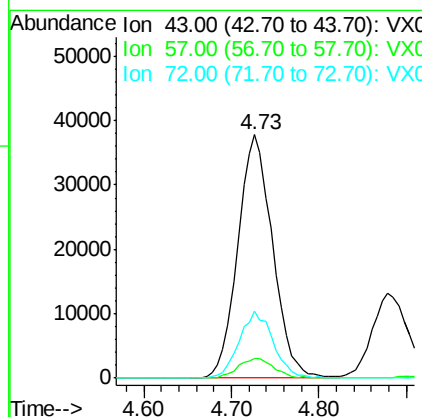
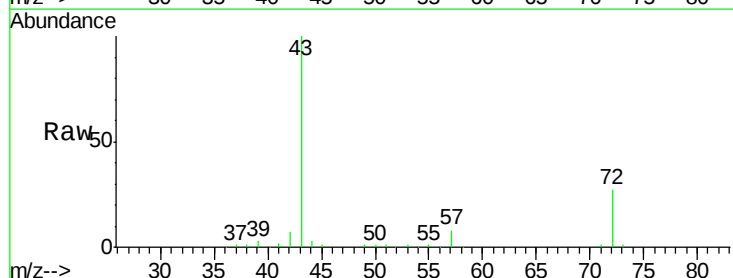
Manual Integrations
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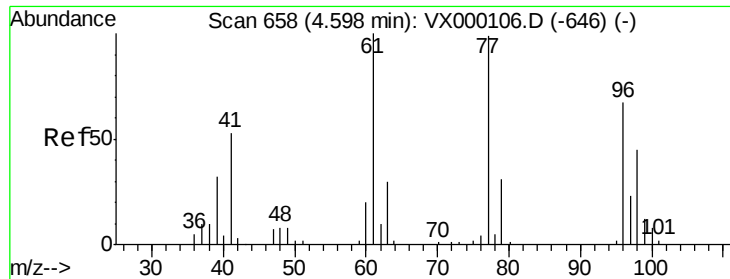
apatel
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#30
 2-Butanone
 Concen: 96.50 ug/l
 RT: 4.73 min Scan# 679
 Delta R.T. 0.01 min
 Lab File: VX000117.D
 Acq: 20 Feb 2018 19:37

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	8.4	6.6	10.0
72	26.6	21.8	32.6





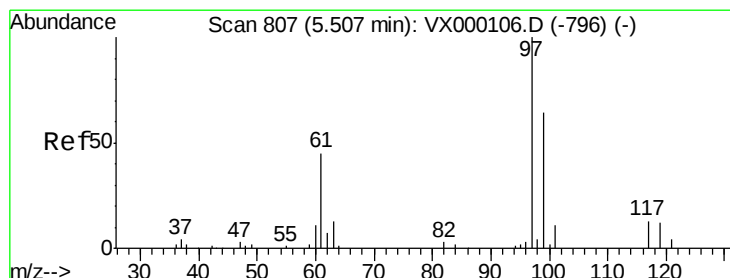
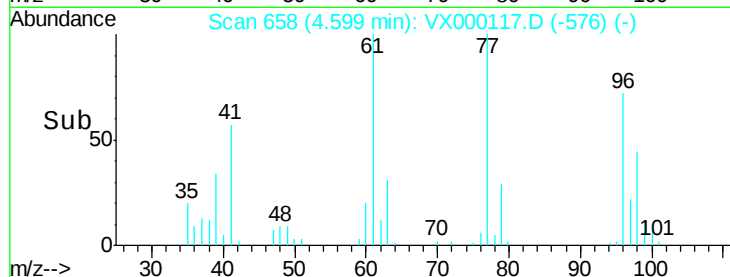
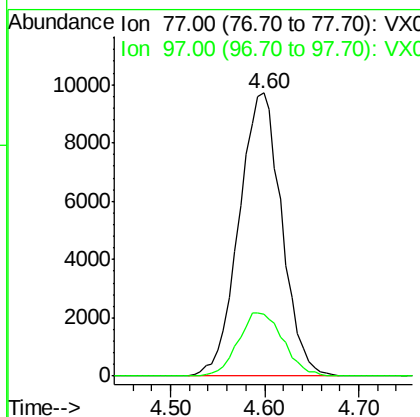
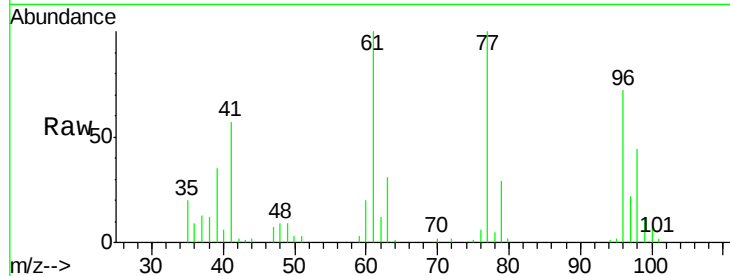
#31
 2,2-Dichloropropane
 Concen: 20.33 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: VX000117.D
 Acq: 20 Feb 2018 19:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBSD01

Tot Ion: 77 Resp: 30822
 Ion Ratio Lower Upper
 77 100
 97 23.5 18.6 27.8

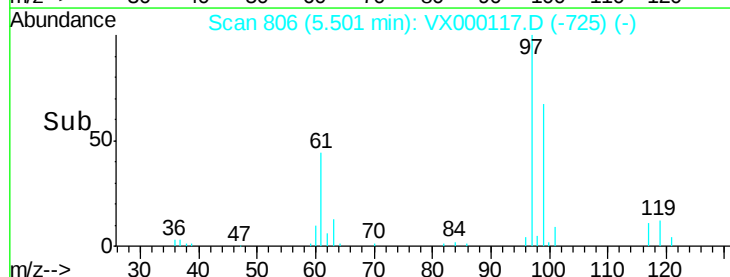
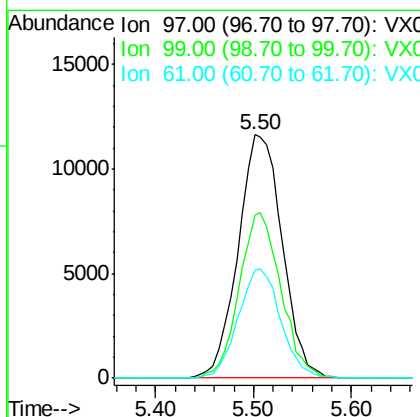
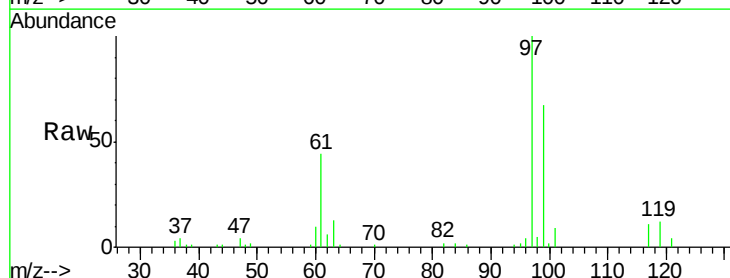
Manual Integrations
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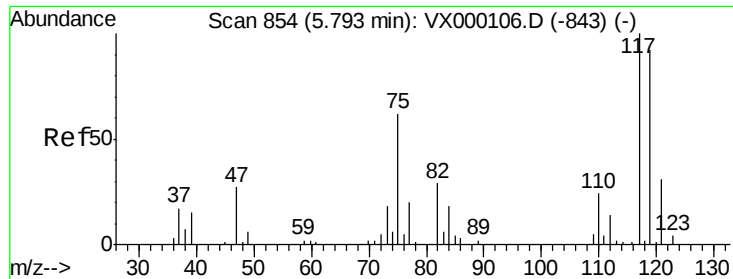
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#32
 1,1,1-Trichloroethane
 Concen: 21.35 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX000117.D
 Acq: 20 Feb 2018 19:37

Tgt Ion: 97 Resp: 36414
 Ion Ratio Lower Upper
 97 100
 99 64.1 52.3 78.5
 61 43.3 34.3 51.5





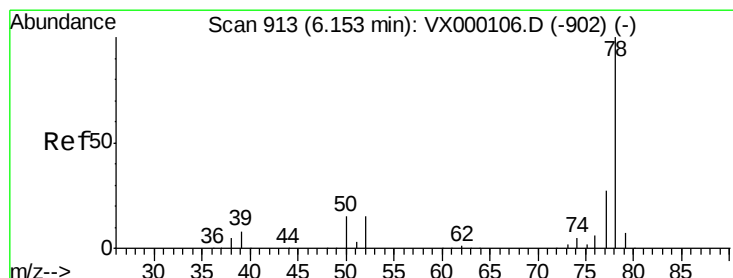
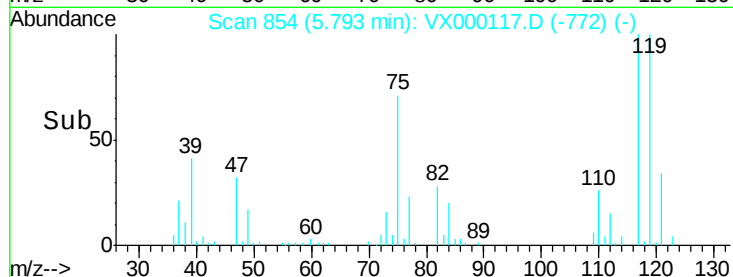
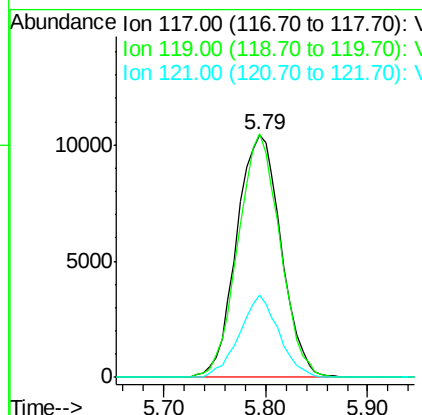
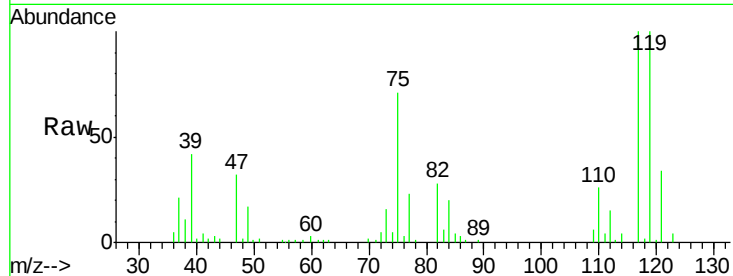
#33
Carbon Tetrachloride
Concen: 20.82 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
119	100.4	73.5	110.3
121	33.7	24.6	37.0

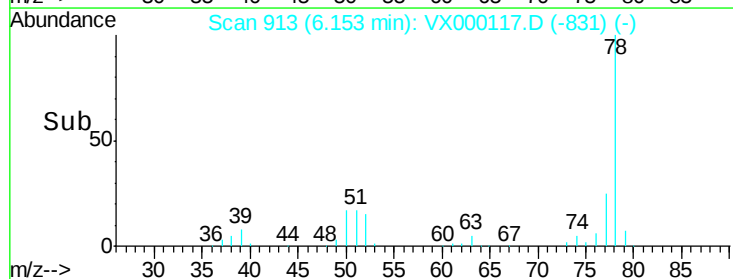
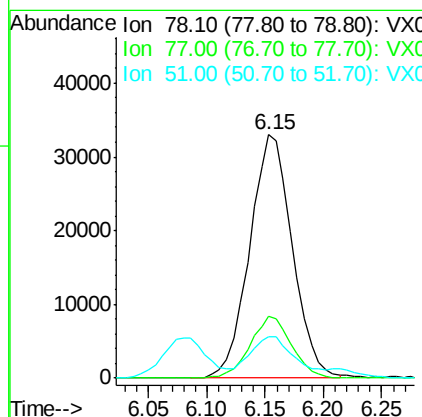
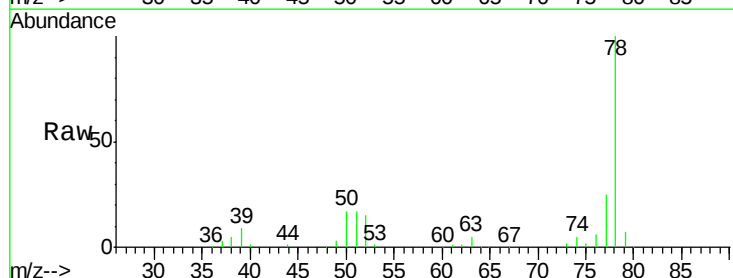
Manual Integrations
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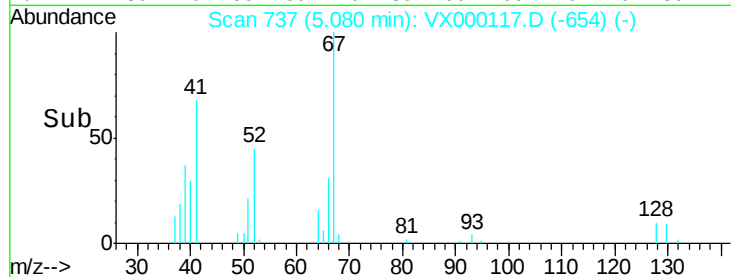
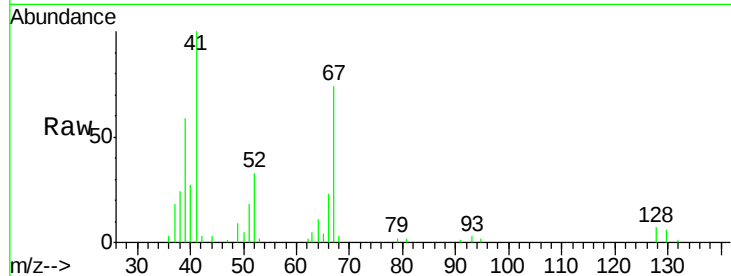
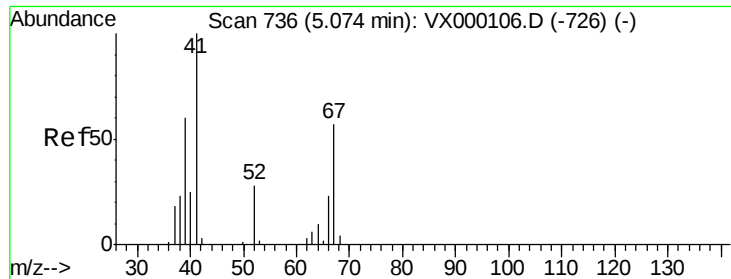
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#34
Benzene
Concen: 20.76 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.4	21.7	32.5
51	12.8	14.9	22.3#





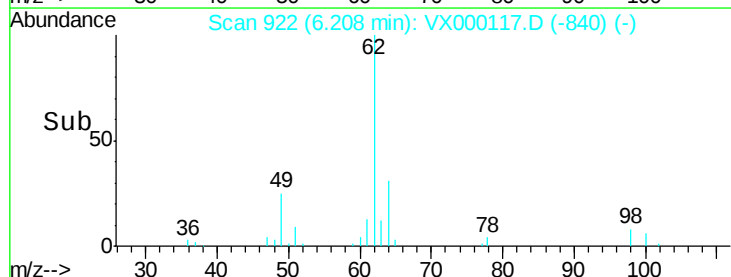
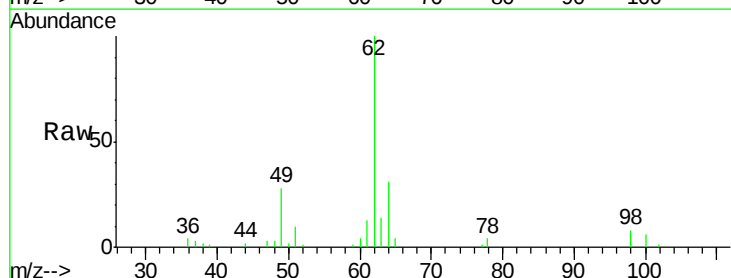
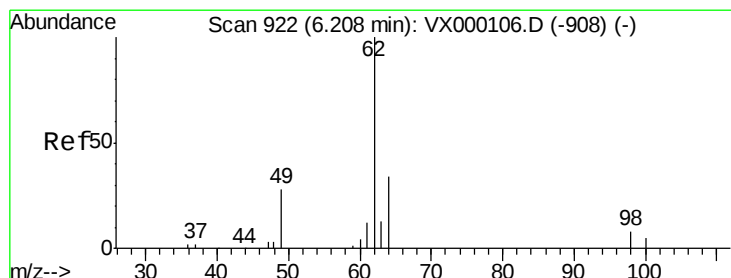
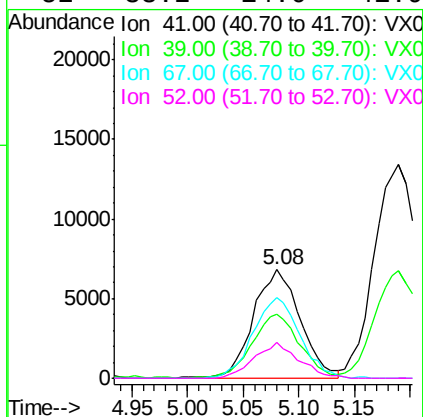
#35
Methacrylonitrile
Concen: 20.01 ug/l
RT: 5.08 min Scan# 737
Delta R.T. 0.01 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		19991		
39	59.6	29.8	89.3		
67	74.5	28.7	86.3		
52	33.2	14.0	41.9		

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01

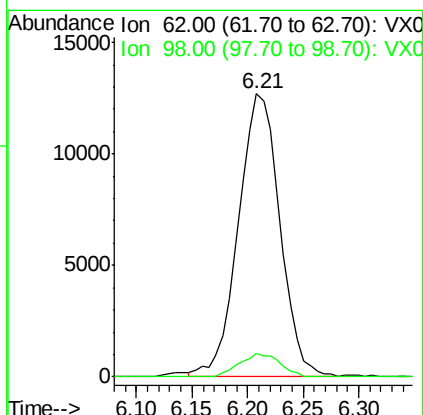
Manual Integrations
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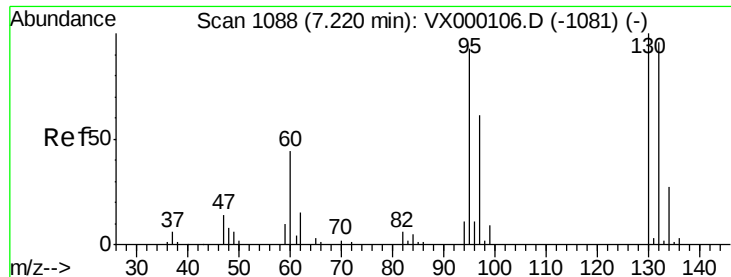
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#36
1,2-Dichloroethane
Concen: 21.44 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		32976		
98	8.0	6.9	10.3		





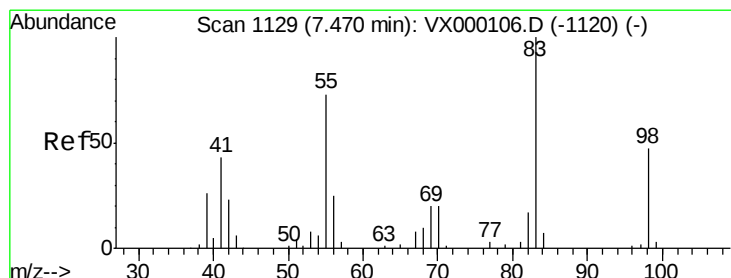
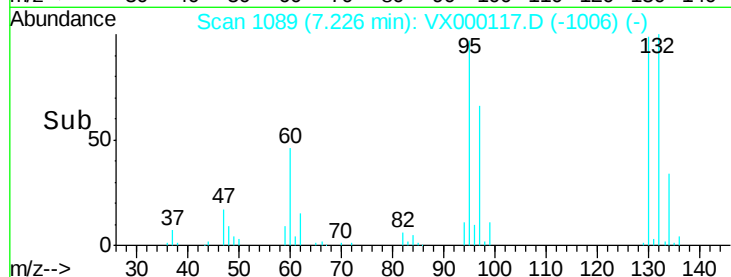
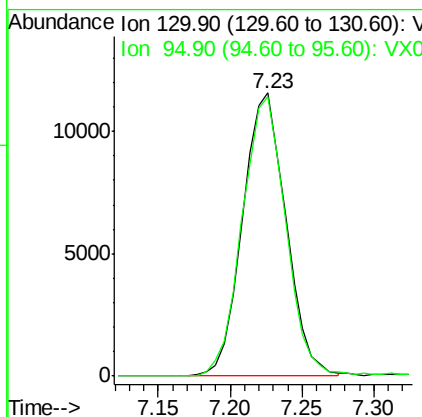
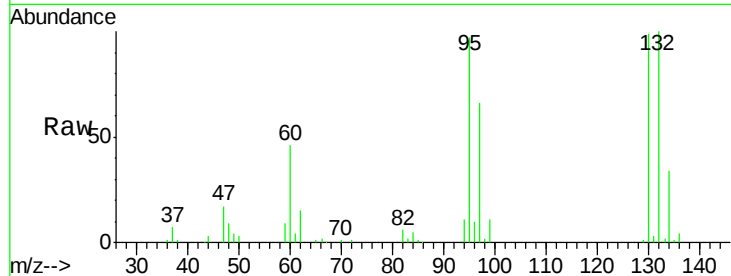
#37
 Trichloroethene
 Concen: 20.12 ug/l
 RT: 7.23 min Scan# 1089
 Delta R.T. 0.01 min
 Lab File: VX000117.D
 Acq: 20 Feb 2018 19:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBSD01

Tot Ion:130 Resp: 24125
 Ion Ratio Lower Upper
 130 100
 95 98.6 74.6 112.0

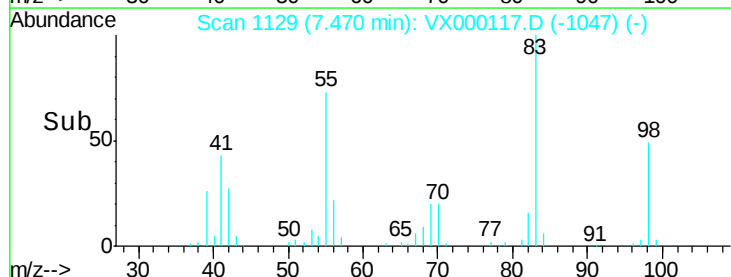
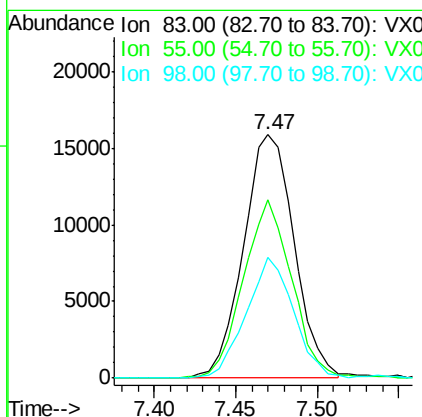
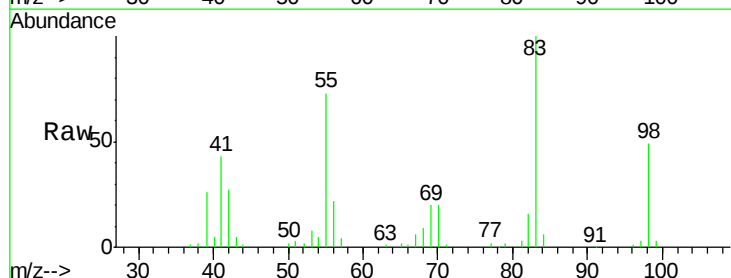
Manual Integrations
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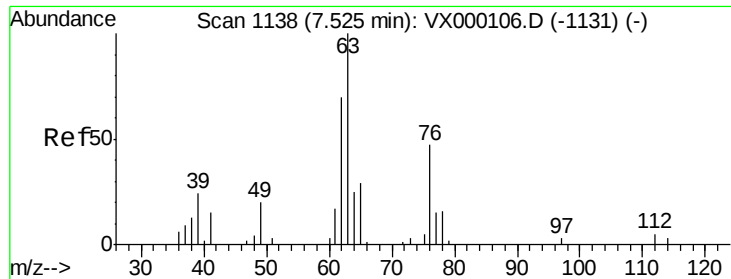
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#38
 Methylcyclohexane
 Concen: 20.40 ug/l
 RT: 7.47 min Scan# 1129
 Delta R.T. 0.00 min
 Lab File: VX000117.D
 Acq: 20 Feb 2018 19:37

Tgt Ion: 83 Resp: 34472
 Ion Ratio Lower Upper
 83 100
 55 69.9 35.9 107.7
 98 46.3 24.6 74.0





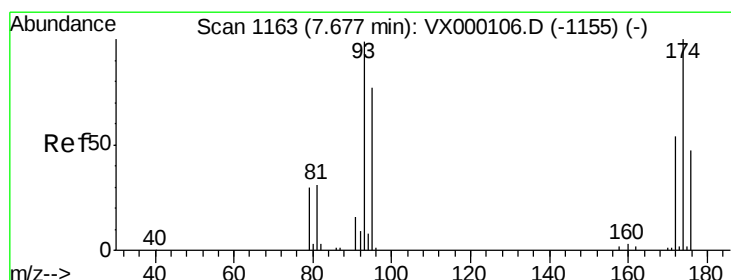
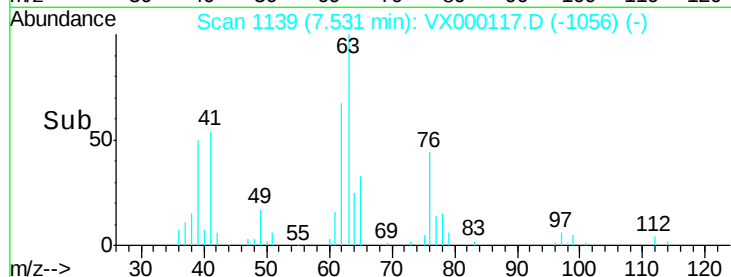
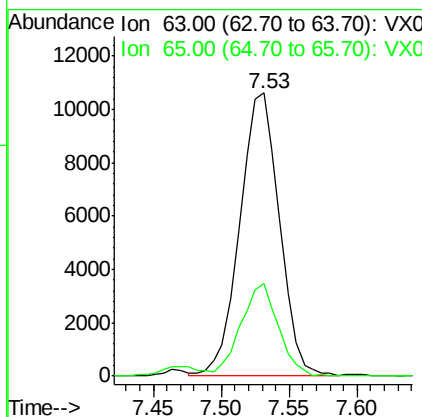
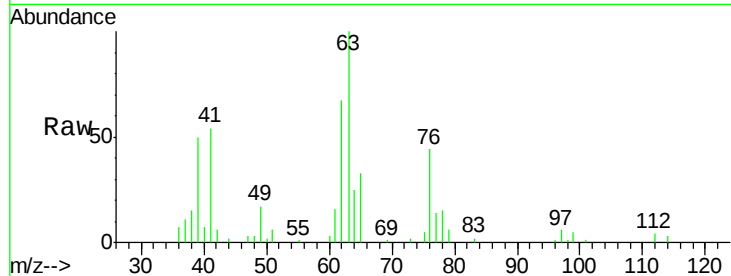
#39
 1,2-Dichloropropane
 Concen: 21.42 ug/l
 RT: 7.53 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VX000117.D
 Acq: 20 Feb 2018 19:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBSD01

Tot Ion: 63 Resp: 21688
 Ion Ratio Lower Upper
 63 100
 65 32.6 25.0 37.6

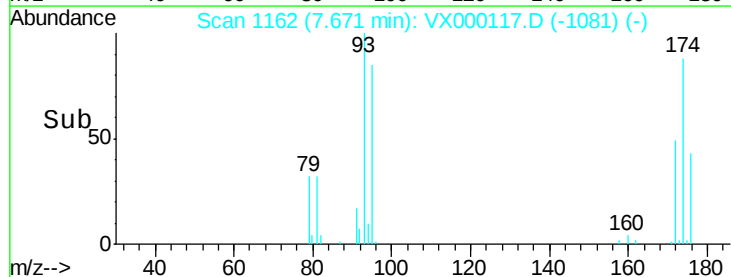
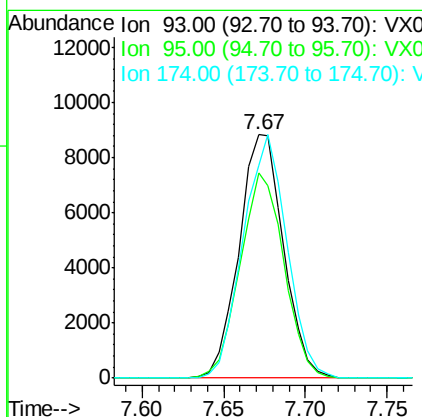
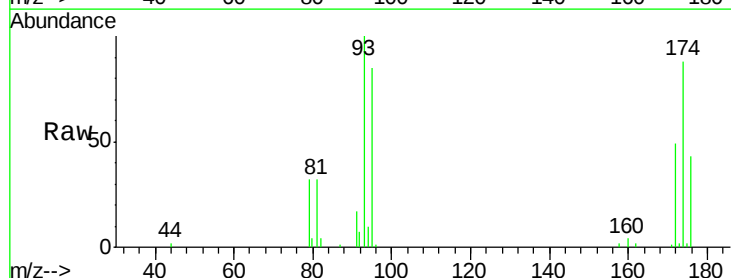
Manual Integrations
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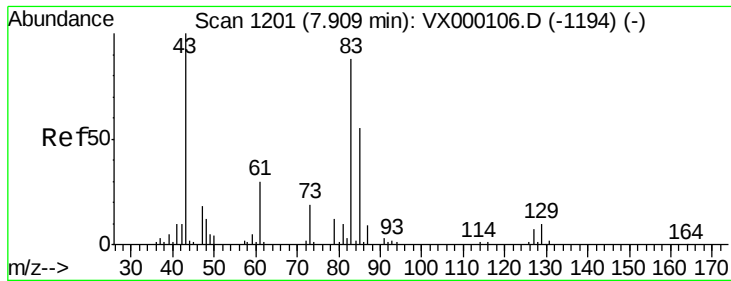
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#40
 Dibromomethane
 Concen: 21.48 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: VX000117.D
 Acq: 20 Feb 2018 19:37

Tgt Ion: 93 Resp: 16758
 Ion Ratio Lower Upper
 93 100
 95 83.3 0.0 170.6
 174 98.5 0.0 210.4





#41

Bromodichloromethane

Concen: 20.79 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000117.D

Acq: 20 Feb 2018 19:37

Instrument :

MSVOA_X

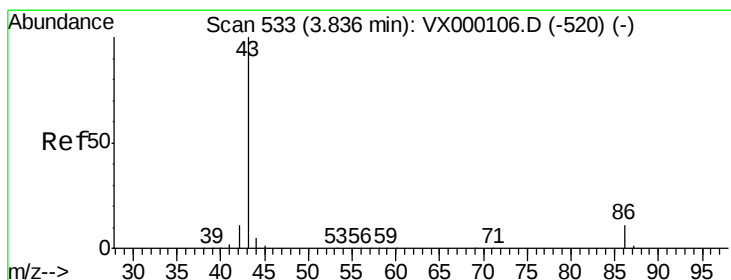
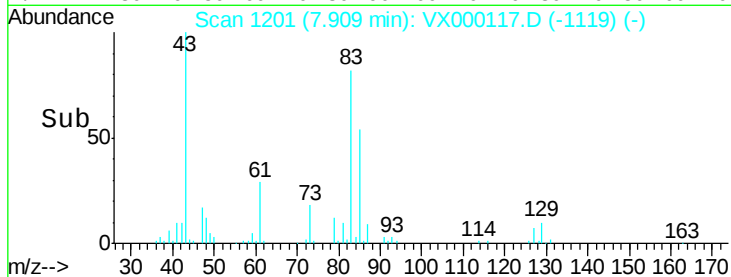
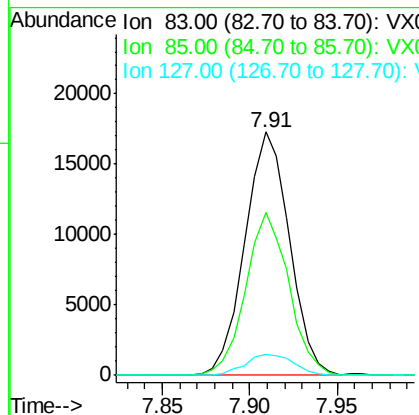
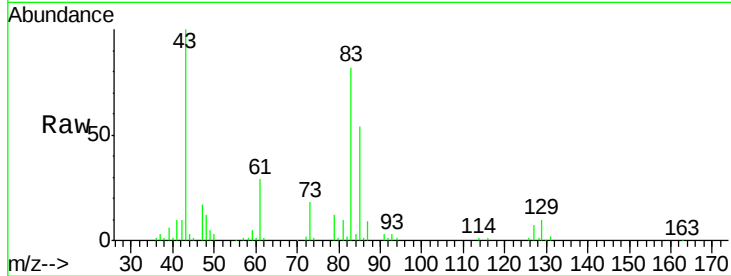
ClientSampleId :

VX0220WBSD01

Tot Ion:	83	Resp:	30838
Ion Ratio	Lower	Upper	
83	100		
85	66.7	50.0	75.0
127	8.3	6.6	10.0

Manual Integrations
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#42

Vinyl Acetate

Concen: 100.70 ug/l

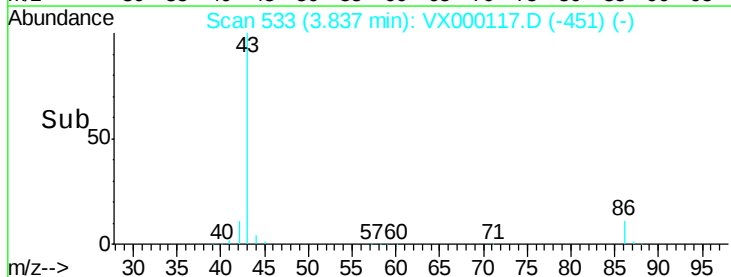
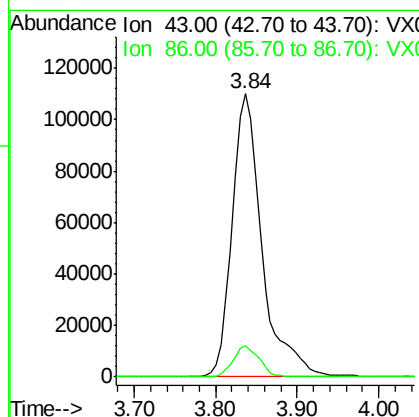
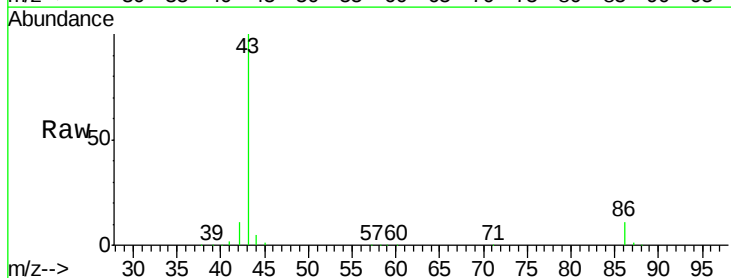
RT: 3.84 min Scan# 533

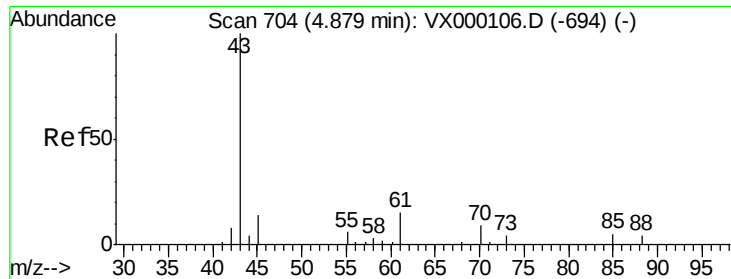
Delta R.T. 0.00 min

Lab File: VX000117.D

Acq: 20 Feb 2018 19:37

Tgt Ion:	43	Resp:	278496
Ion Ratio	Lower	Upper	
43	100		
86	9.7	7.8	11.6





#43

Ethyl Acetate

Concen: 19.93 ug/l

RT: 4.88 min Scan# 704

Delta R.T. 0.00 min

Lab File: VX000117.D

Acq: 20 Feb 2018 19:37

Instrument :

MSVOA_X

ClientSampled :

VX0220WBSD01

Tot Ion: 43 Resp: 37979

Ion Ratio Lower Upper

43 100

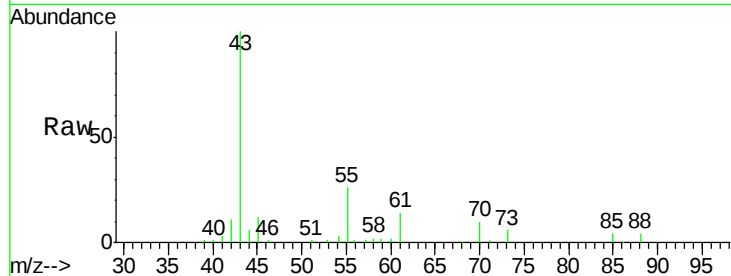
45 14.1 11.4 17.0

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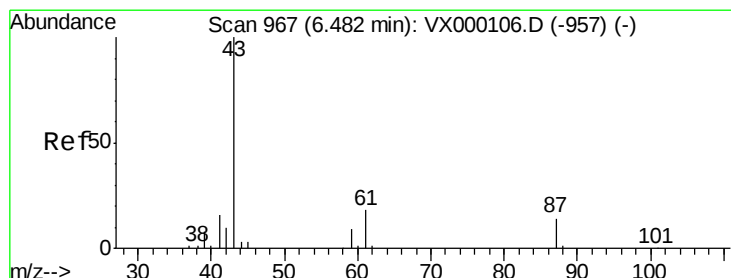
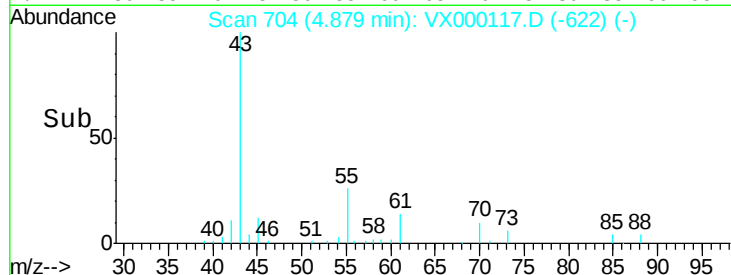
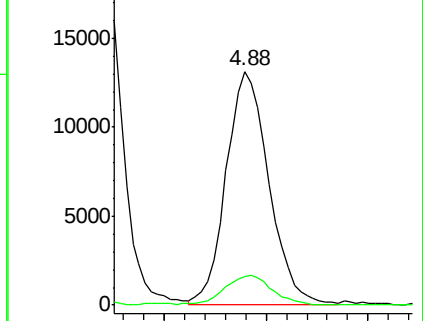
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 20.73 ug/l

RT: 6.49 min Scan# 968

Delta R.T. 0.01 min

Lab File: VX000117.D

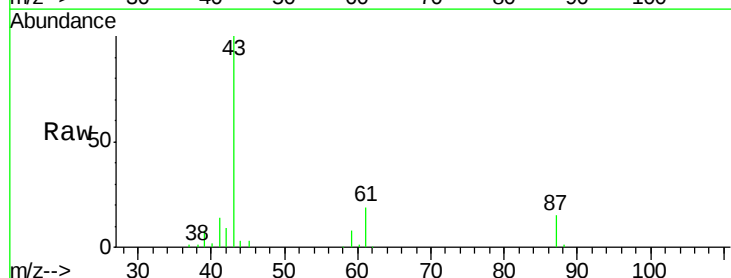
Acq: 20 Feb 2018 19:37

Tgt Ion: 43 Resp: 57963

Ion Ratio Lower Upper

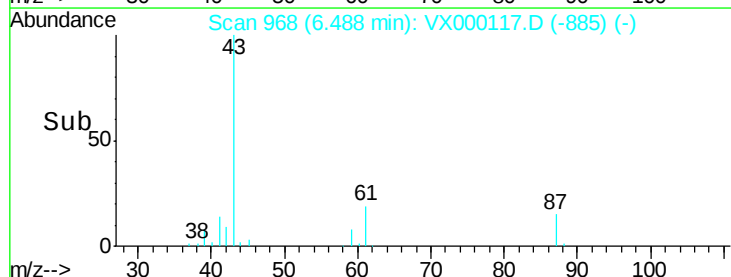
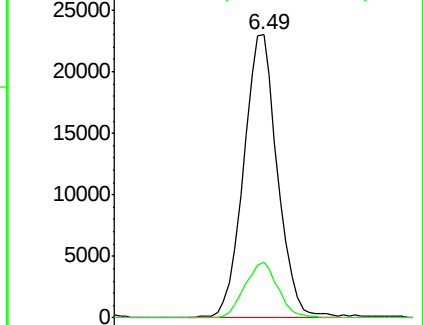
43 100

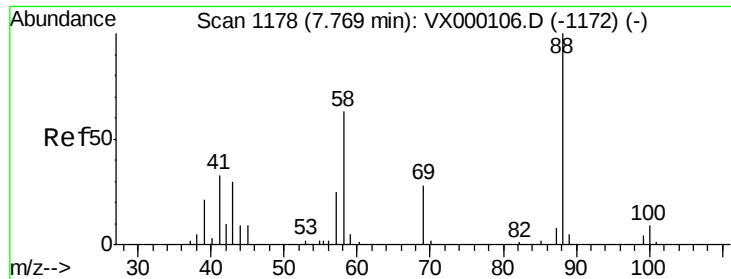
61 19.3 15.7 23.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





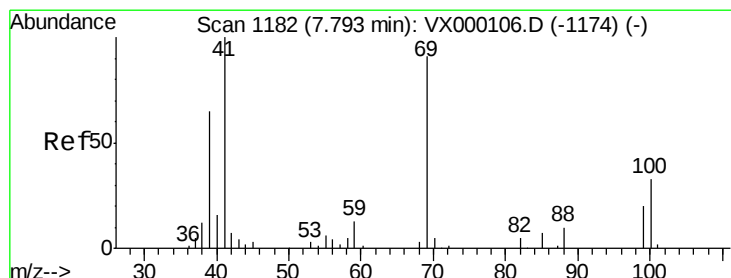
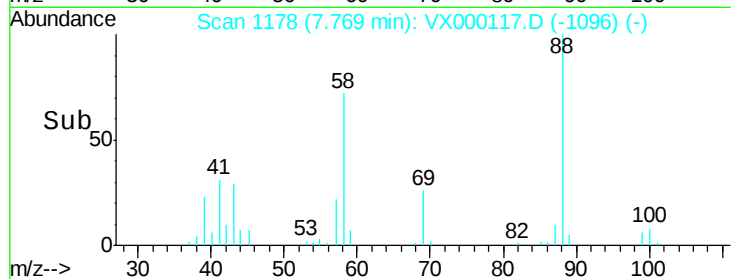
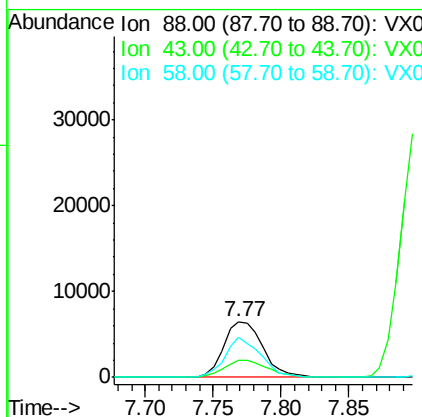
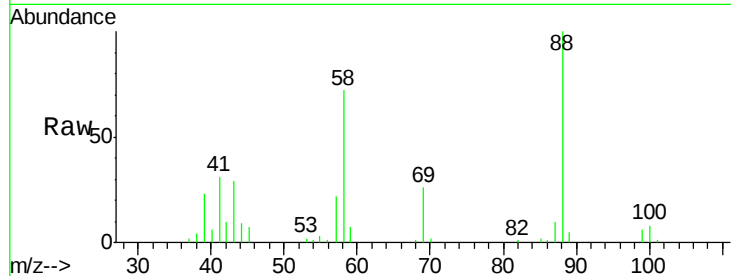
#45
 1,4-Dioxane
 Concen: 370.49 ug/l
 RT: 7.77 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: VX000117.D
 Acq: 20 Feb 2018 19:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.9	26.8	40.2
58	64.9	52.1	78.1

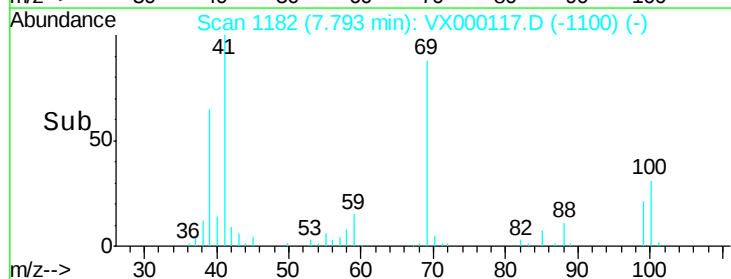
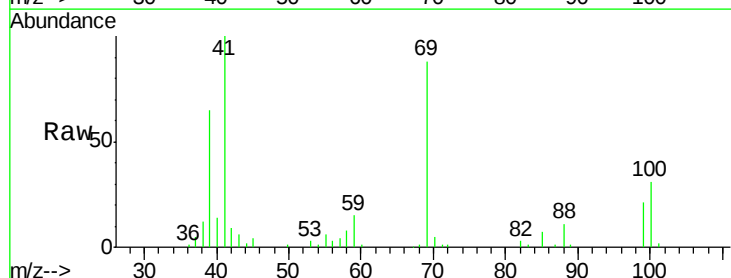
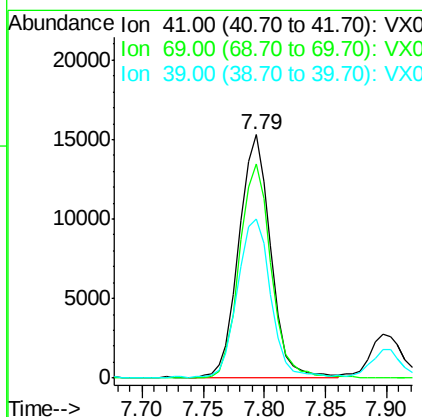
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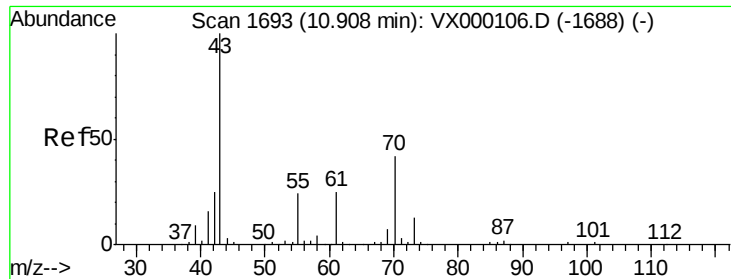
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#46
 Methyl methacrylate
 Concen: 20.47 ug/l
 RT: 7.79 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX000117.D
 Acq: 20 Feb 2018 19:37

Tgt Ion	Ratio	Lower	Upper
41	100		
69	88.1	45.5	136.5
39	65.2	32.5	97.5





#47

n-amvl Acetate

Concen: 20.73 ug/l

RT: 10.91 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VX000117.D

Acq: 20 Feb 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBSD01

Tot Ion: 43 Resp: 50606

Ion Ratio Lower Upper

43 100

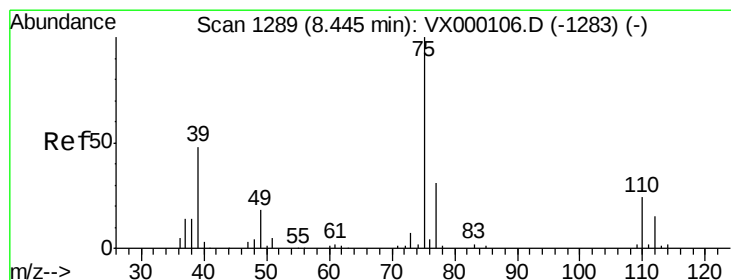
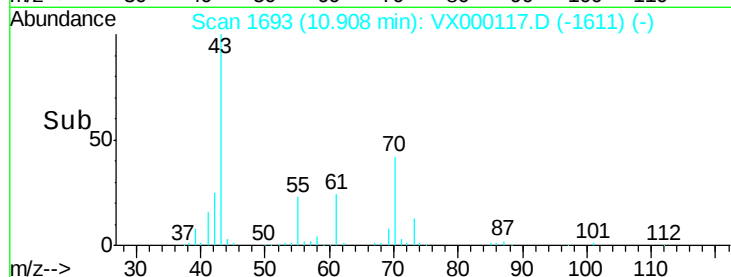
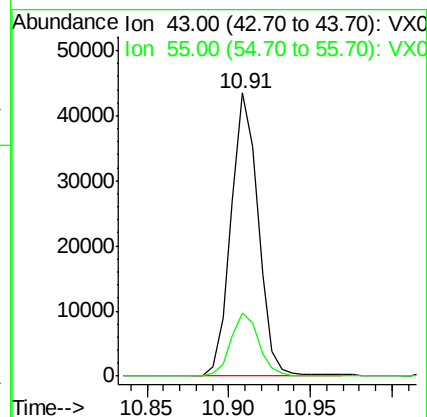
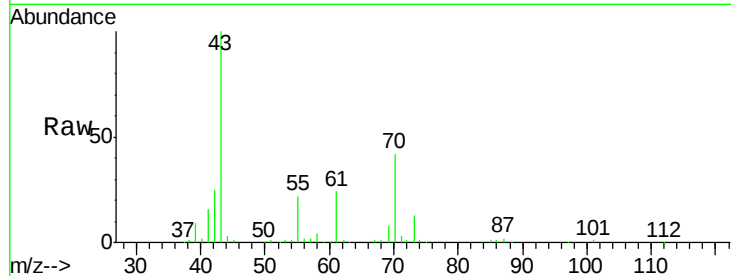
55 22.9 19.4 29.2

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#48

t-1,3-Dichloropropene

Concen: 20.69 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VX000117.D

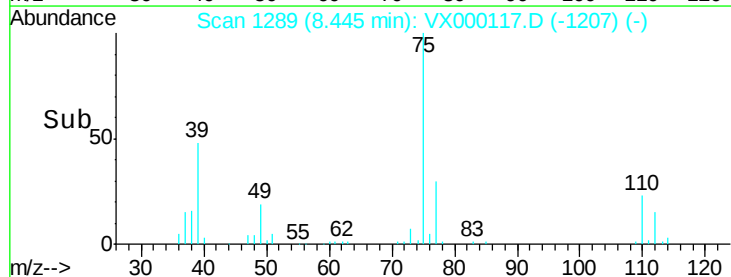
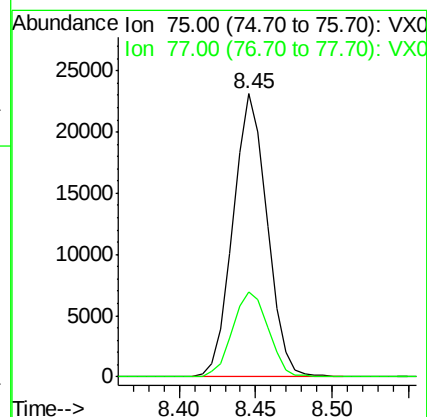
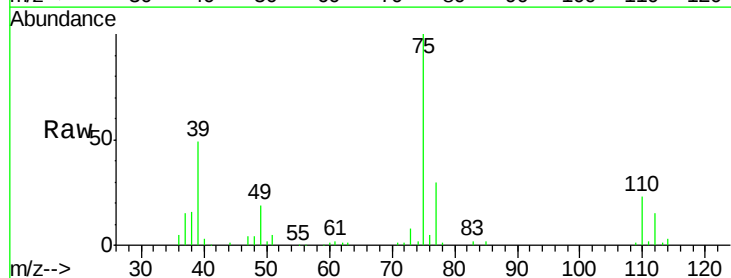
Acq: 20 Feb 2018 19:37

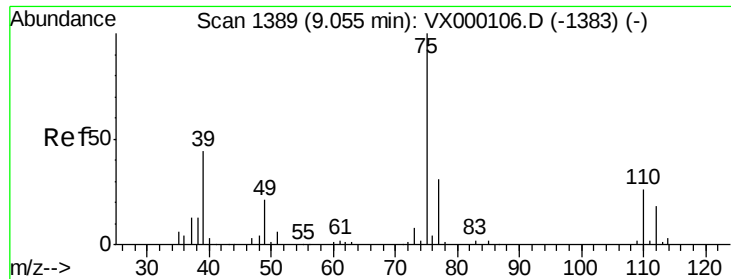
Tgt Ion: 75 Resp: 35721

Ion Ratio Lower Upper

75 100

77 30.2 24.6 37.0





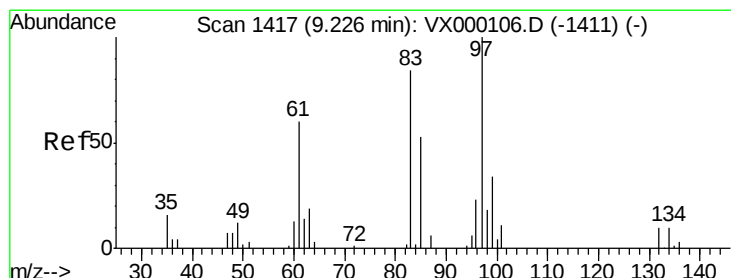
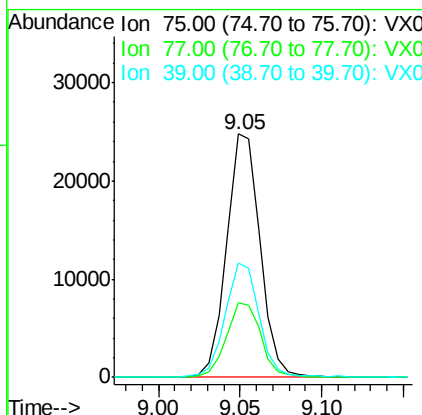
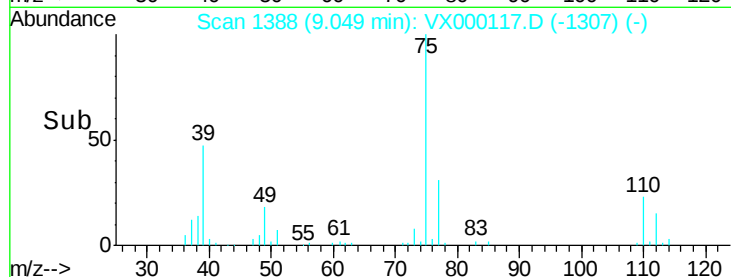
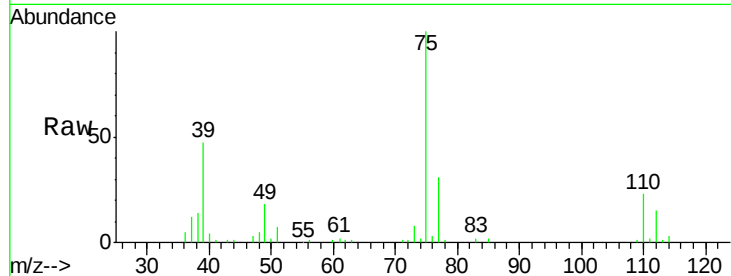
#49
 cis-1,3-Dichloropropene
 Concen: 21.06 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: VX000117.D
 Acq: 20 Feb 2018 19:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.8	24.5	36.7
39	46.3	35.6	53.4

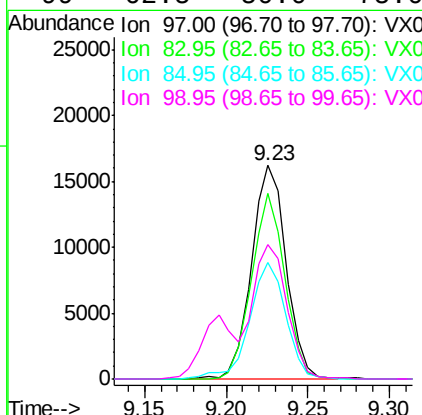
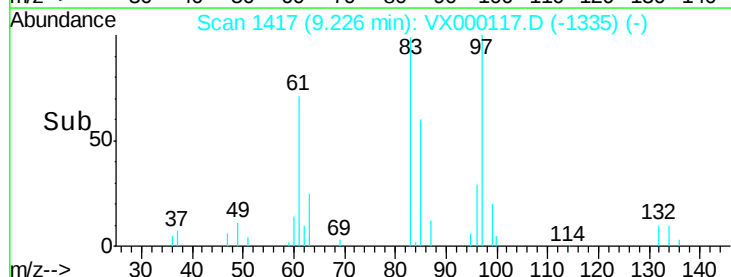
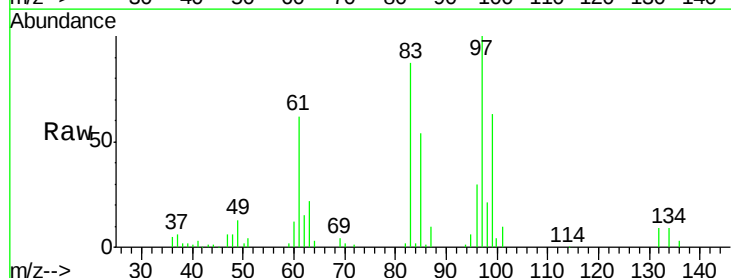
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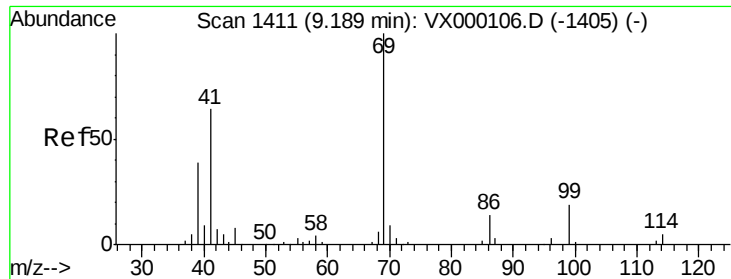
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#50
 1,1,2-Trichloroethane
 Concen: 20.92 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000117.D
 Acq: 20 Feb 2018 19:37

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.2	66.9	100.3
85	54.3	44.4	66.6
99	62.5	50.0	75.0





#51

Ethyl methacrylate

Concen: 20.43 ug/l

RT: 9.20 min Scan# 1412

Delta R.T. 0.01 min

Lab File: VX000117.D

Acq: 20 Feb 2018 19:37

Instrument :

MSVOA_X

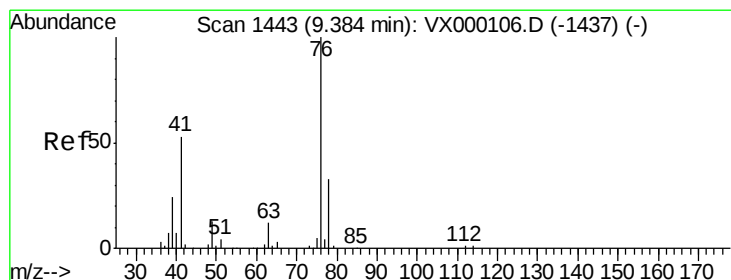
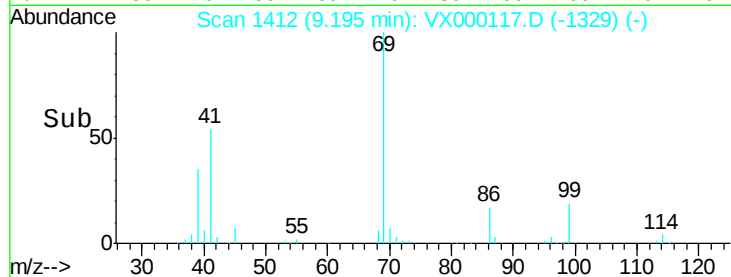
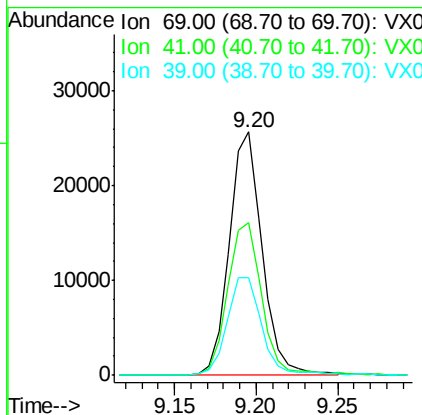
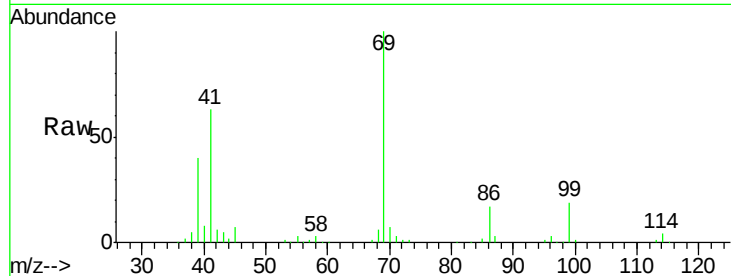
ClientSampled :

VX0220WBSD01

Tot Ion:	69	Resp:	35858
Ion Ratio	Lower	Upper	
69	100		
41	62.3	32.1	96.3
39	39.7	19.6	58.7

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#52

1,3-Dichloropropane

Concen: 21.07 ug/l

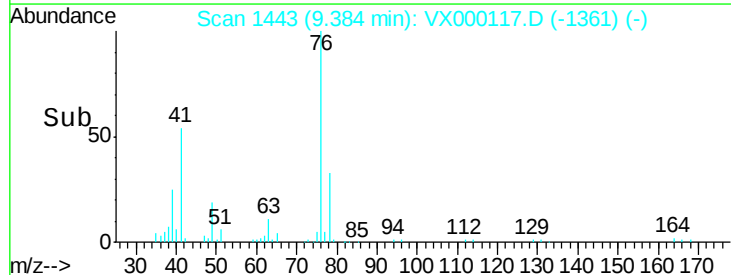
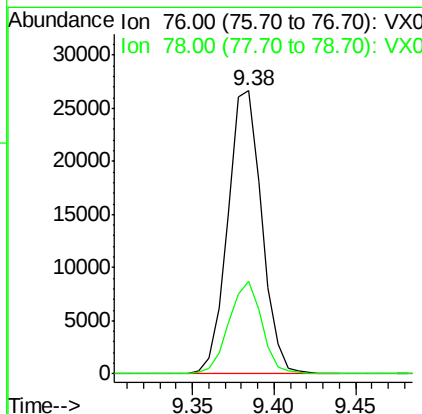
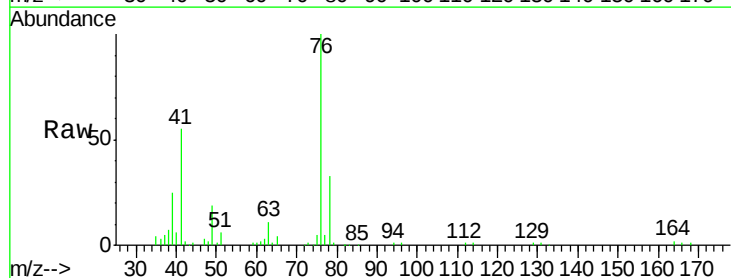
RT: 9.38 min Scan# 1443

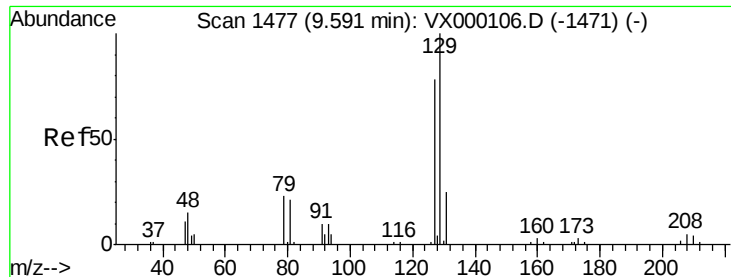
Delta R.T. 0.00 min

Lab File: VX000117.D

Acq: 20 Feb 2018 19:37

Tgt Ion:	76	Resp:	38718
Ion Ratio	Lower	Upper	
76	100		
78	31.6	0.0	65.0





#53

Dibromochloromethane

Concen: 20.50 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. 0.00 min

Lab File: VX000117.D

Acq: 20 Feb 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBSD01

Tot Ion:129 Resp: 26134

Ion Ratio Lower Upper

129 100

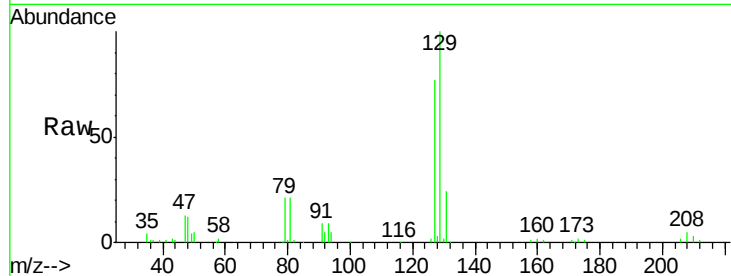
127 77.2 37.5 112.5

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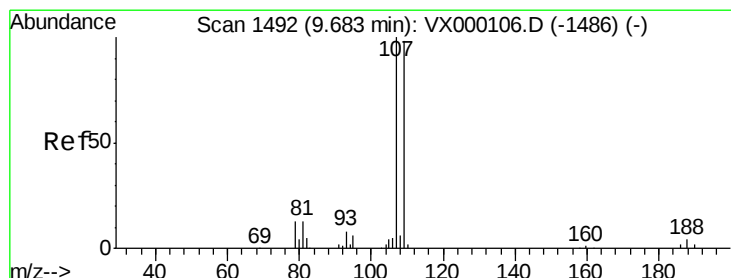
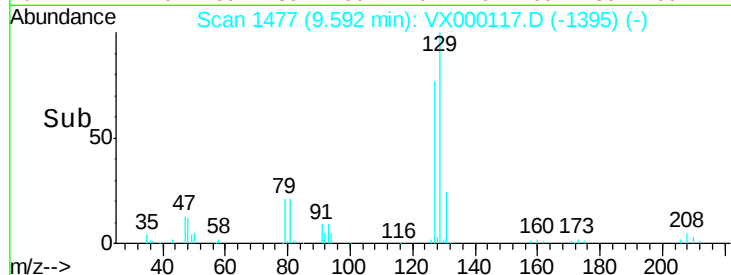
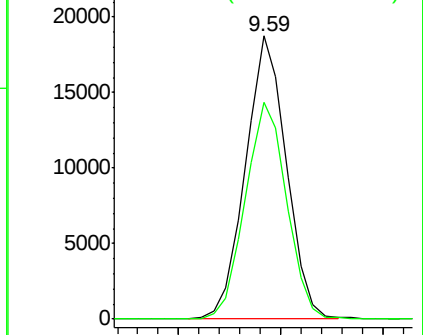
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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.53 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000117.D

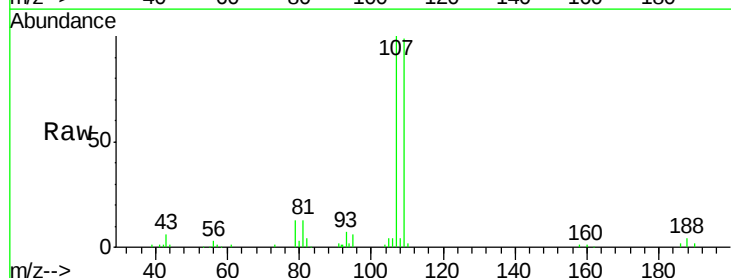
Acq: 20 Feb 2018 19:37

Tgt Ion:107 Resp: 26213

Ion Ratio Lower Upper

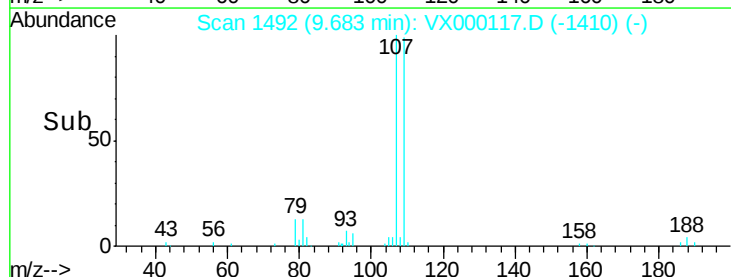
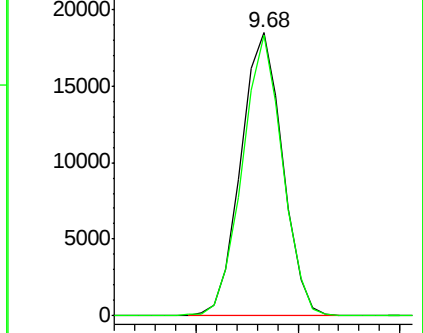
107 100

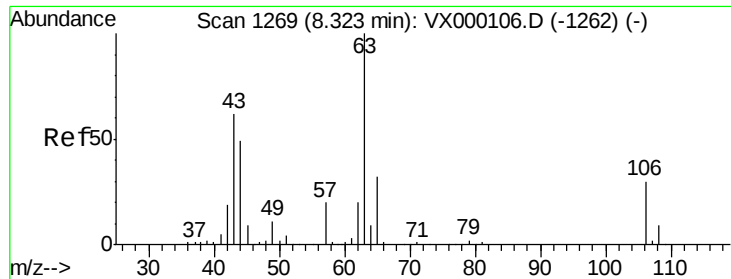
109 95.8 74.5 111.7



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





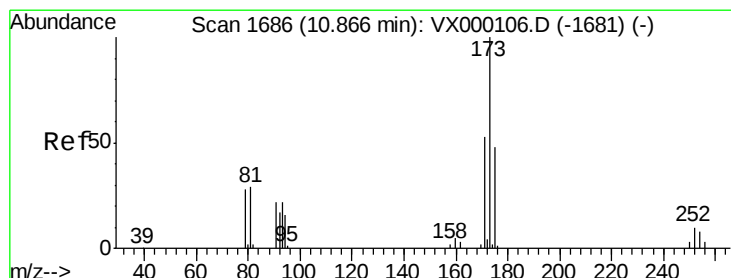
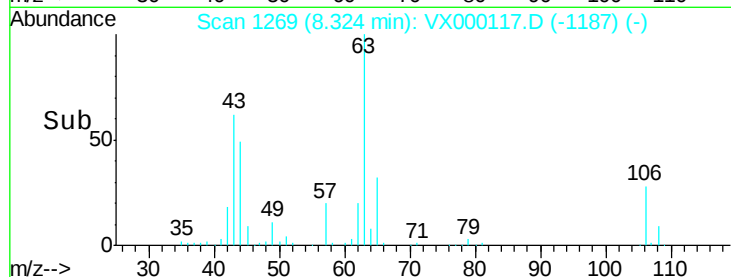
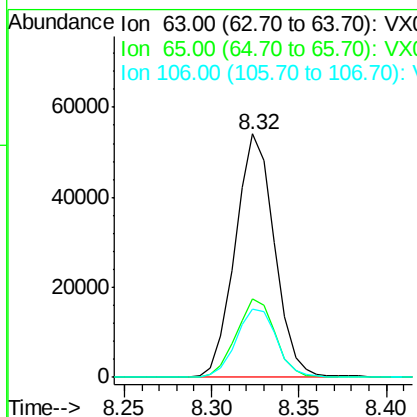
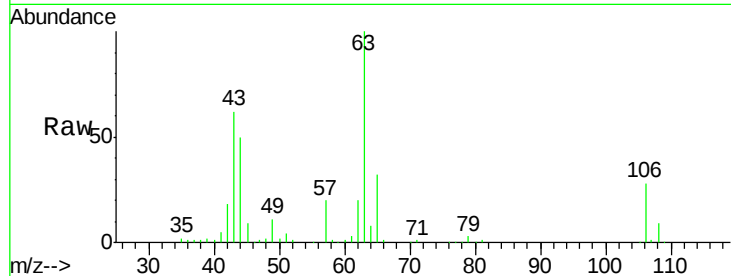
#55
 2-Chloroethyl vinyl ether
 Concen: 110.29 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000117.D
 Acq: 20 Feb 2018 19:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.0	25.8	38.8
106	29.1	23.8	35.6

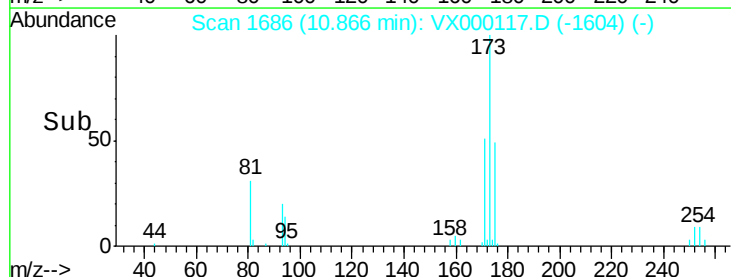
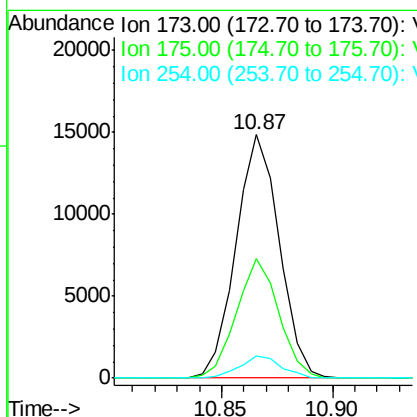
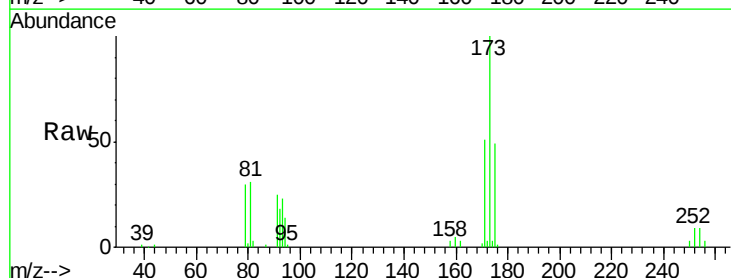
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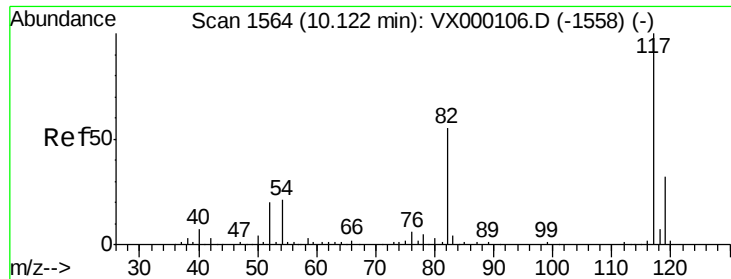
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#56
 Bromoform
 Concen: 19.50 ug/l
 RT: 10.87 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: VX000117.D
 Acq: 20 Feb 2018 19:37

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.9	39.0	58.4
254	8.9	7.0	10.4





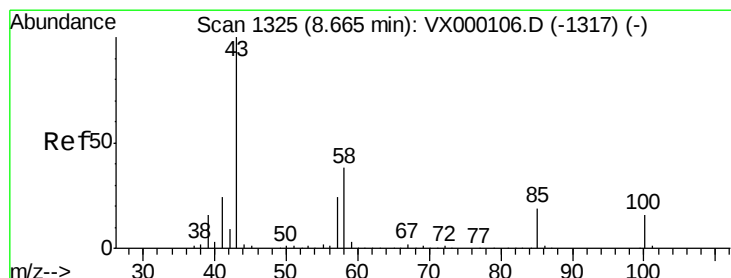
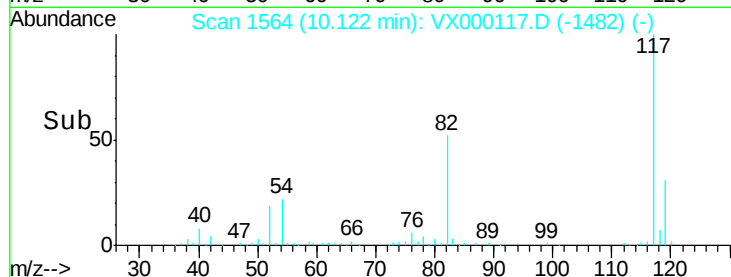
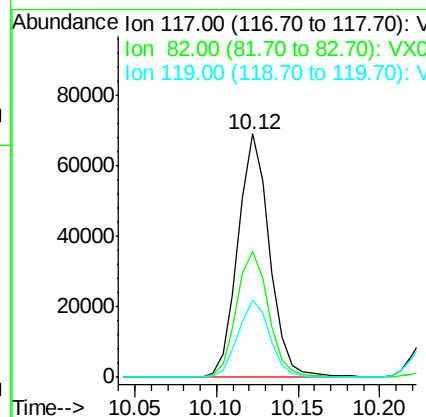
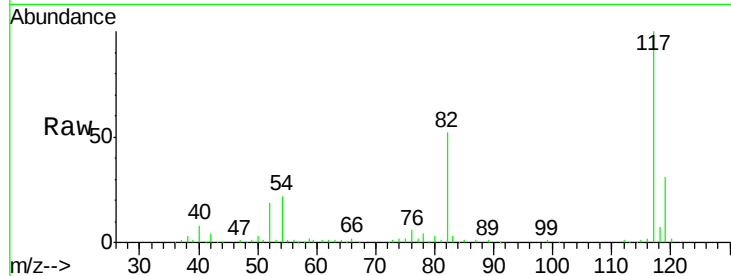
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

Instrument :
MSVOA_X
ClientSampled :
VX0220WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.8	43.0	64.4
119	31.6	25.8	38.8

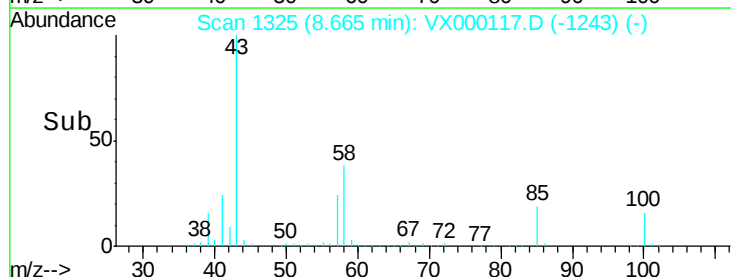
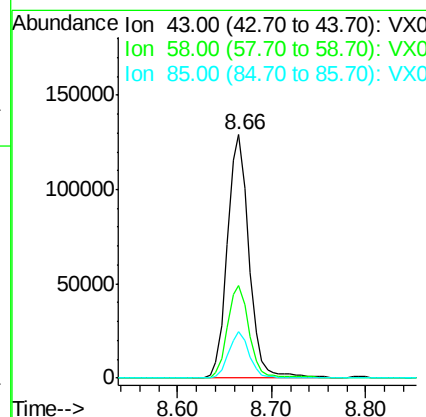
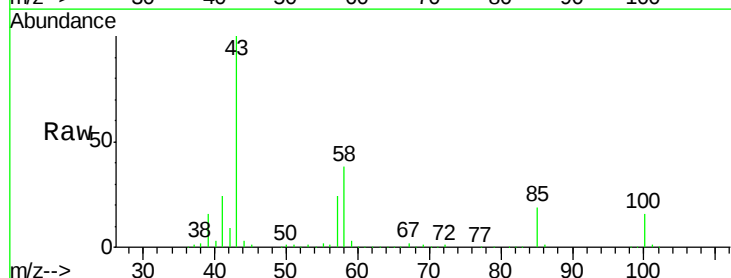
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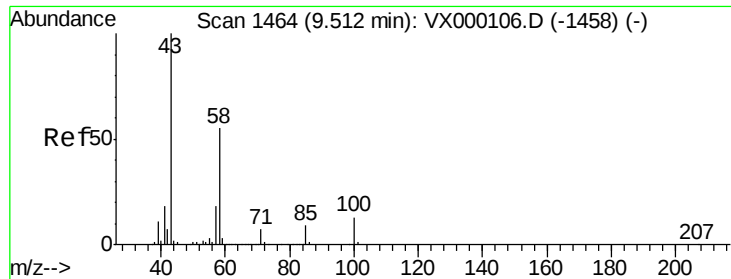
apatel
2/22/2018 4:05:08 PM



#58
4-Methyl-2-Pentanone
Concen: 100.90 ug/l
RT: 8.66 min Scan# 1325
Delta R.T. 0.00 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.7	29.8	44.8
85	18.1	14.9	22.3





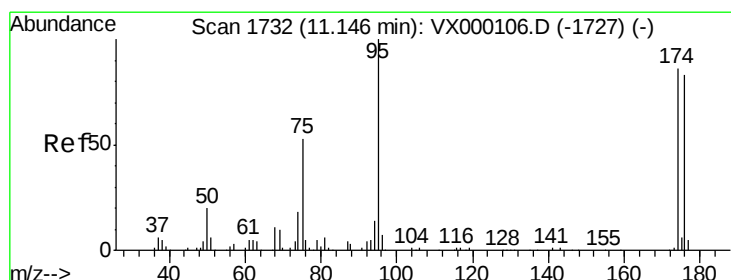
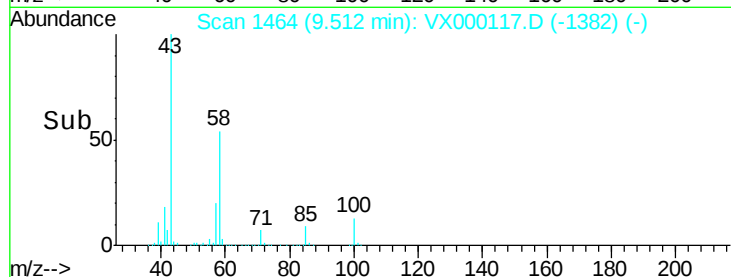
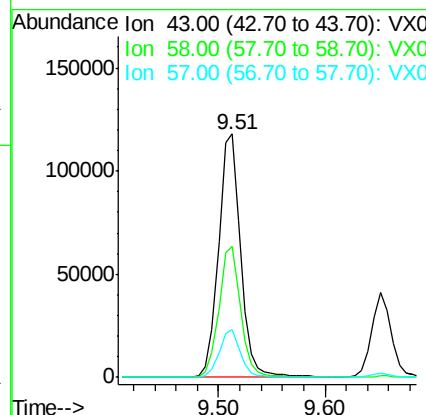
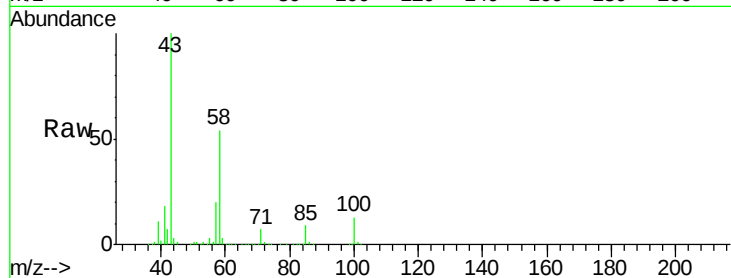
#59
2-Hexanone
Concen: 97.22 ug/l
RT: 9.51 min Scan# 1464
Delta R.T. 0.00 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
43	100	168515		
58	53.3		43.0	64.6
57	18.9		14.4	21.6

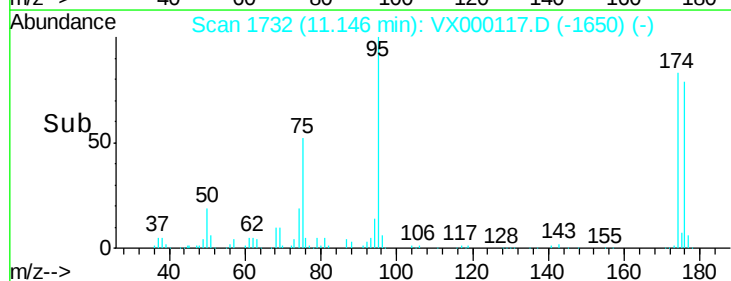
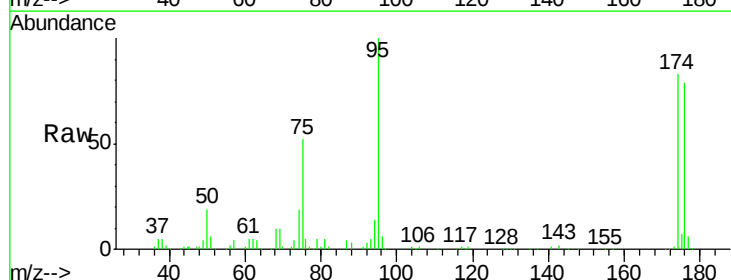
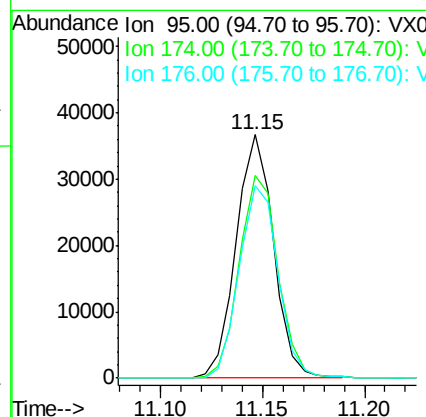
Manual Integrations
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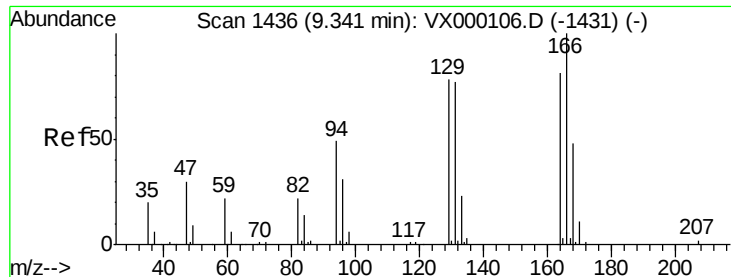
apatel
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#60
4-Bromofluorobenzene
Concen: 30.49 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	46622		
174	86.8		71.1	106.7
176	82.2		69.3	103.9





#61

Tetrachloroethene

Concen: 19.63 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX000117.D

Acq: 20 Feb 2018 19:37

Instrument :

MSVOA_X

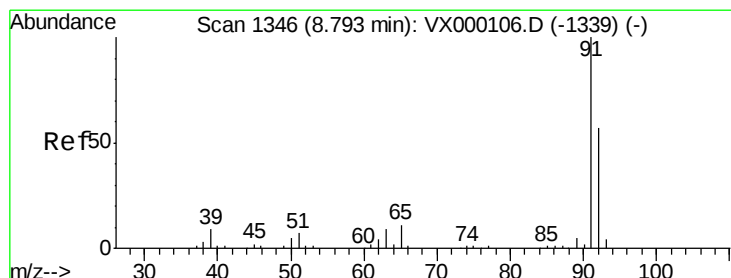
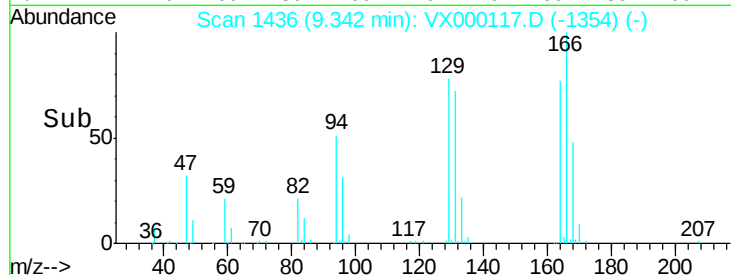
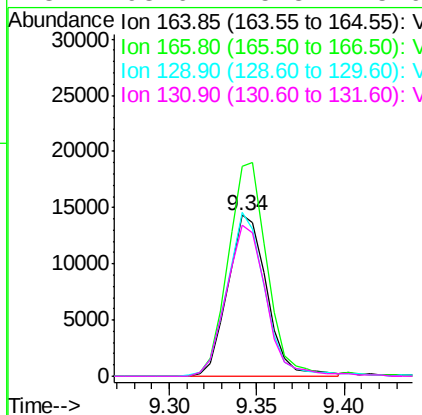
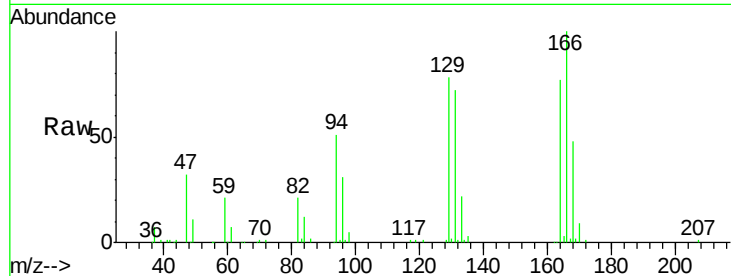
ClientSampleId :

VX0220WBSD01

Tot Ion:	164	Resp:	22279
Ion	Ratio	Lower	Upper
164	100		
166	130.6	99.0	148.4
129	101.2	77.0	115.6
131	93.6	75.8	113.6

Manual Integrations
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#62

Toluene

Concen: 20.57 ug/l

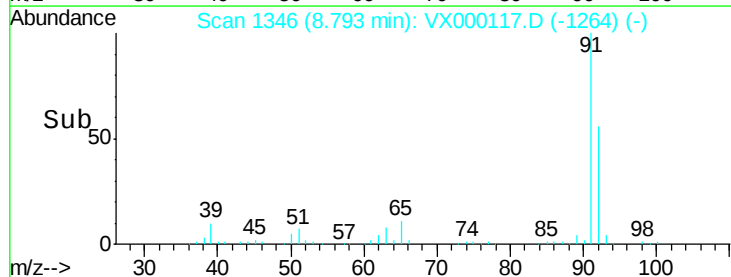
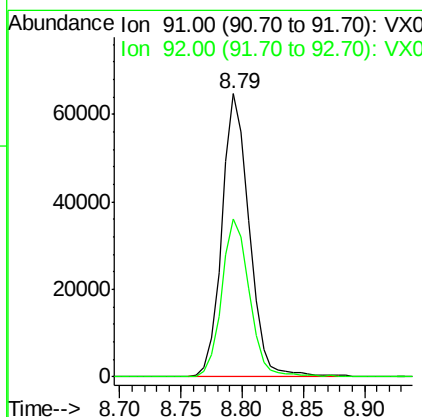
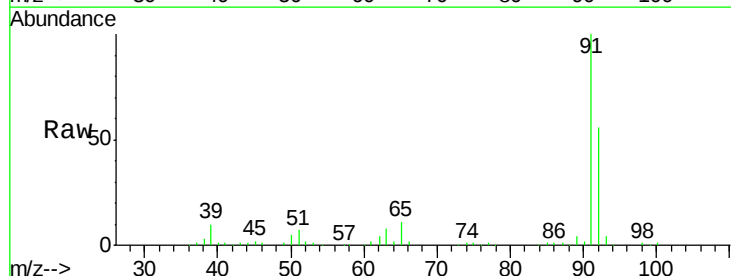
RT: 8.79 min Scan# 1346

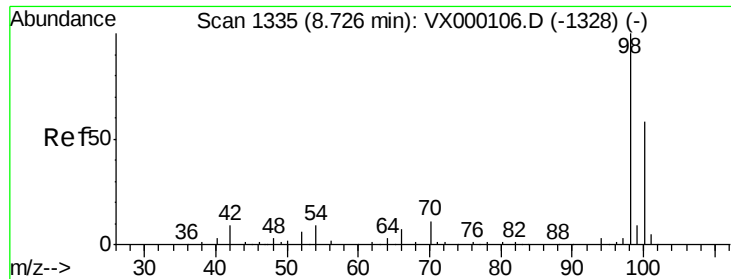
Delta R.T. 0.00 min

Lab File: VX000117.D

Acq: 20 Feb 2018 19:37

Tgt Ion:	91	Resp:	100040
Ion	Ratio	Lower	Upper
91	100		
92	56.7	45.4	68.0





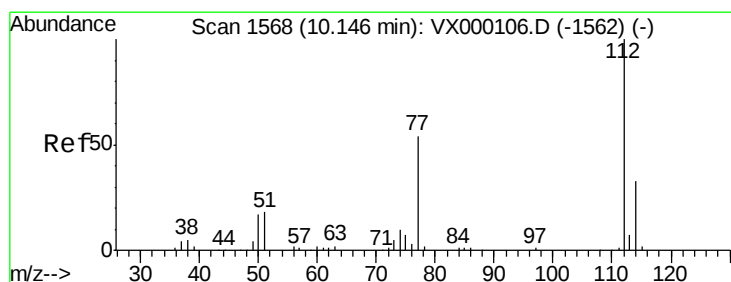
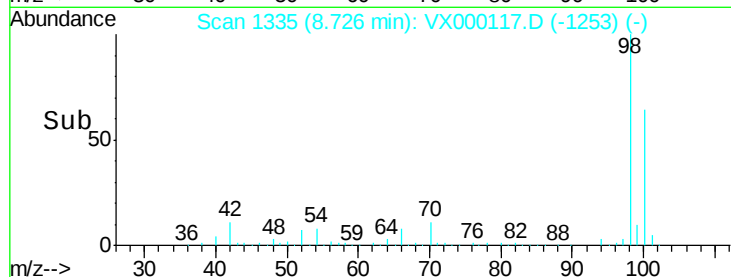
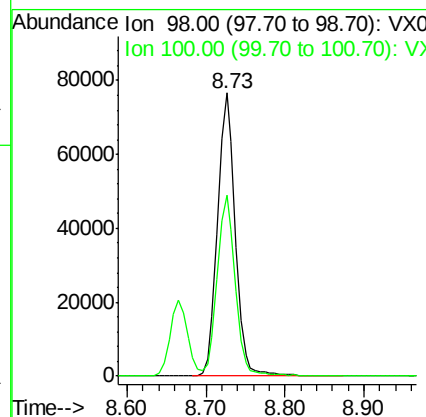
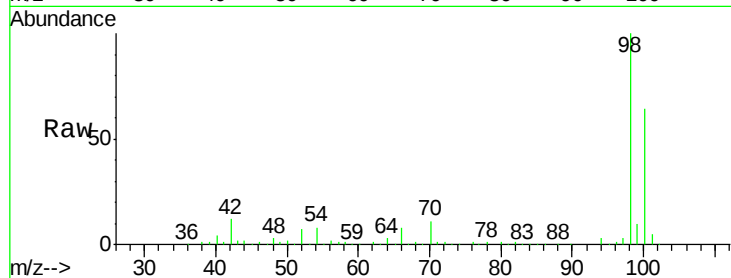
#63
Toluene-d8
Concen: 30.29 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01

Tot Ion: 98 Resp: 121240
Ion Ratio Lower Upper
98 100
100 64.0 50.0 75.0

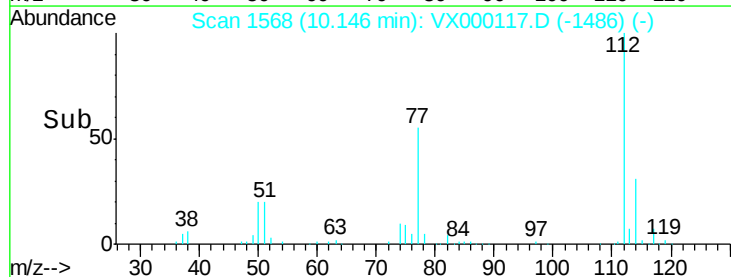
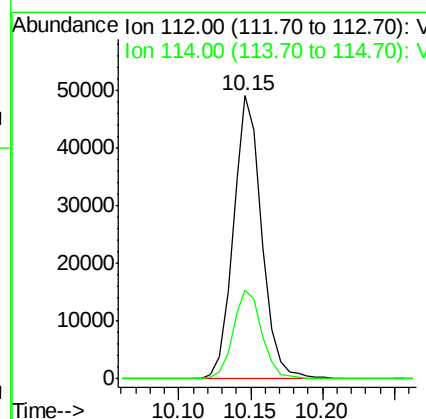
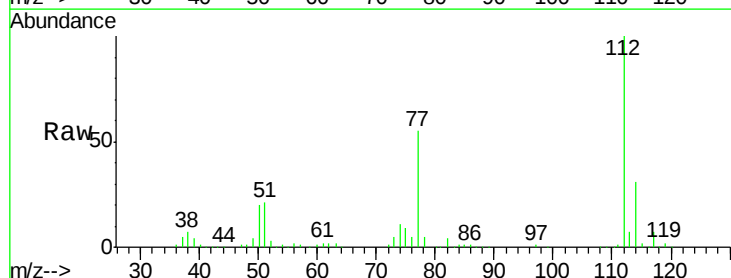
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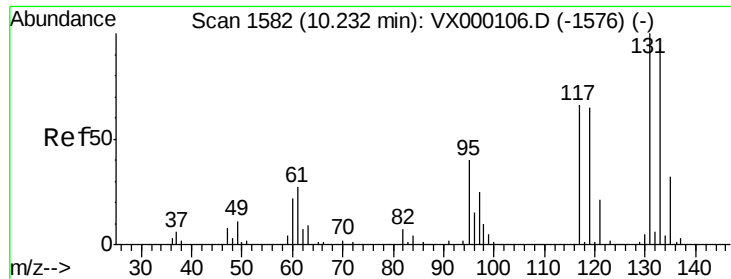
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#64
Chlorobenzene
Concen: 20.60 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

Tgt Ion: 112 Resp: 67676
Ion Ratio Lower Upper
112 100
114 31.4 26.4 39.6





#65

1,1,1,2-Tetrachloroethane

Concen: 20.70 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. 0.00 min

Lab File: VX000117.D

Acq: 20 Feb 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBSD01

Tot Ion:131 Resp: 24098

Ion Ratio Lower Upper

131 100

133 95.1 0.0 187.6

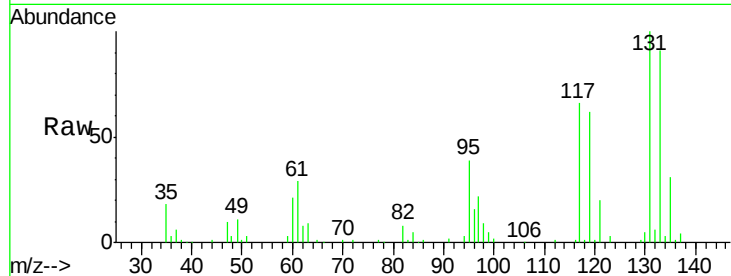
119 64.1 0.0 134.0

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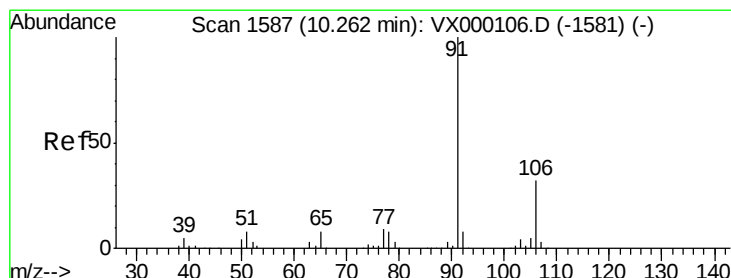
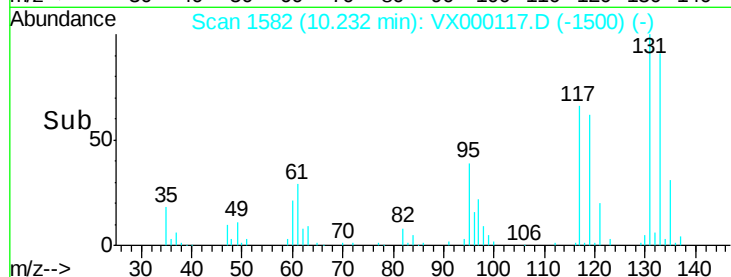
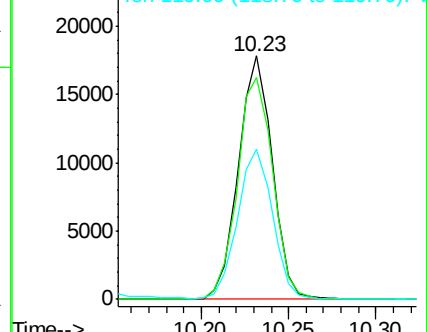
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Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 20.70 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. 0.00 min

Lab File: VX000117.D

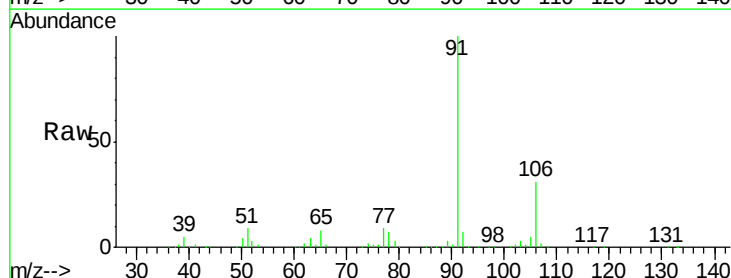
Acq: 20 Feb 2018 19:37

Tgt Ion: 91 Resp: 114885

Ion Ratio Lower Upper

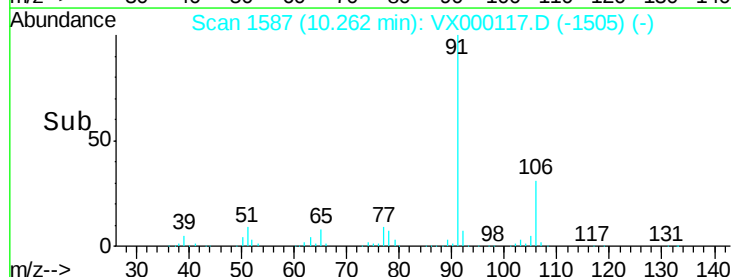
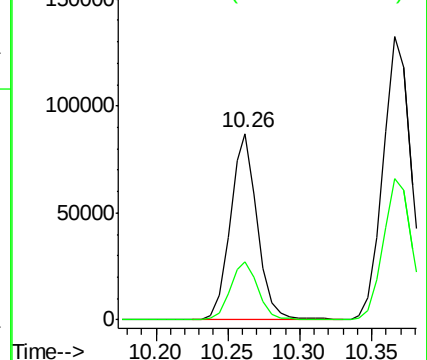
91 100

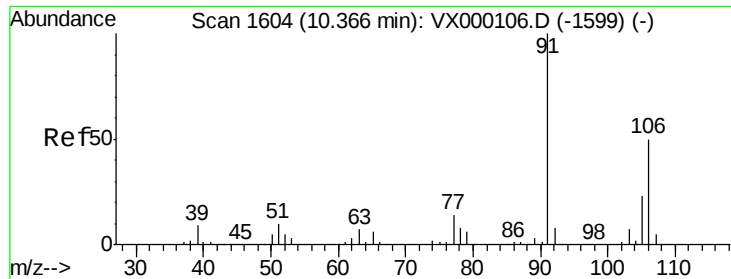
106 31.4 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





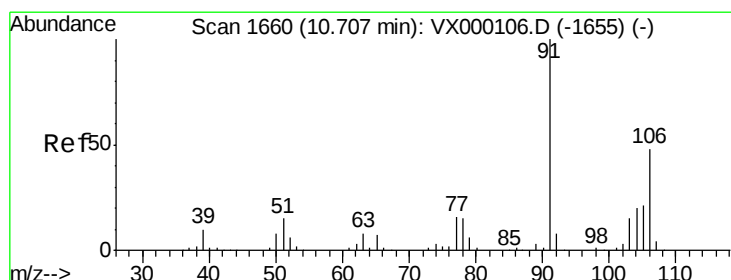
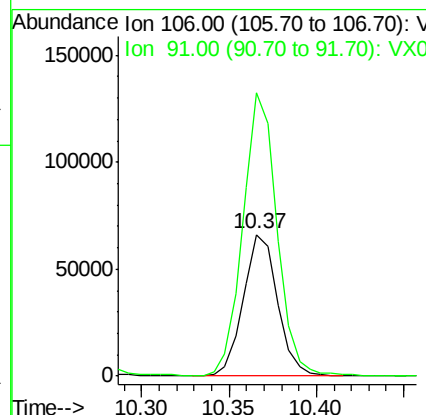
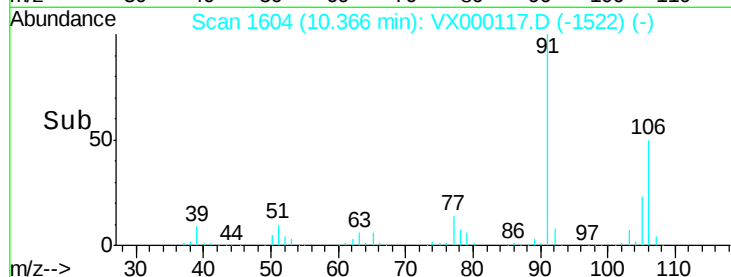
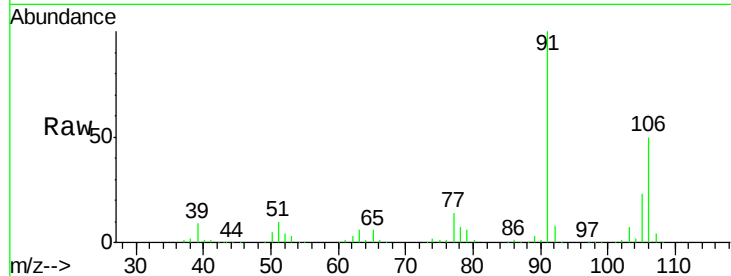
#67
m/p-Xvlenes
Concen: 41.33 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01

Tot Ion:106 Resp: 89939
Ion Ratio Lower Upper
106 100
91 200.1 161.6 242.4

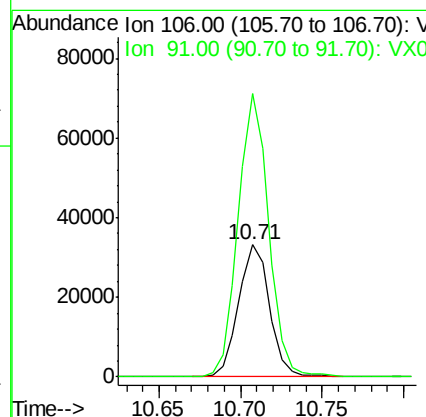
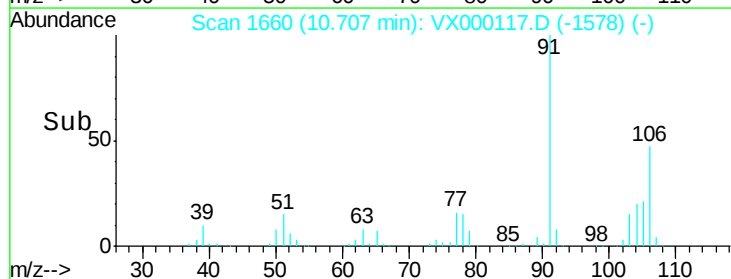
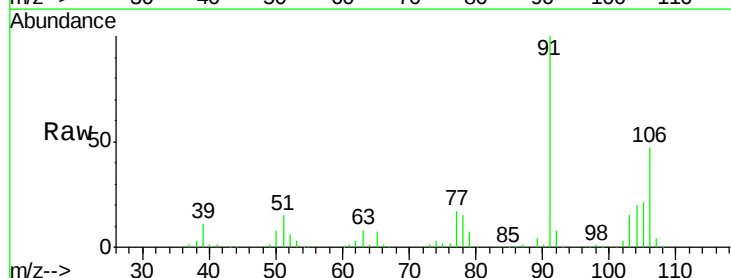
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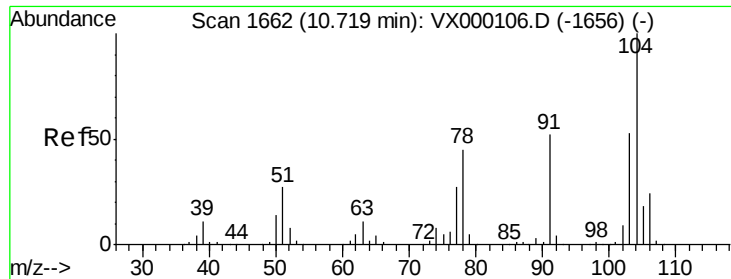
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#68
o-Xylene
Concen: 20.76 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

Tgt Ion:106 Resp: 43878
Ion Ratio Lower Upper
106 100
91 211.6 105.6 316.8





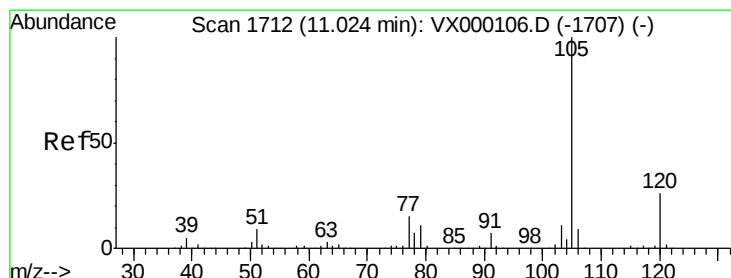
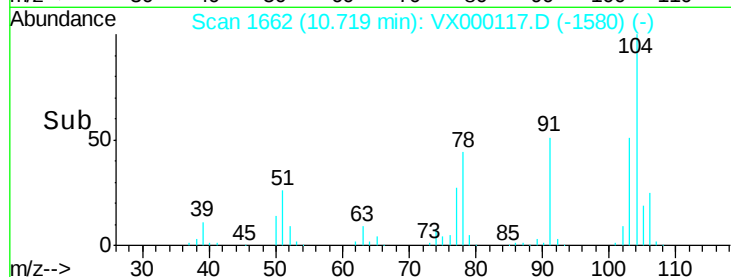
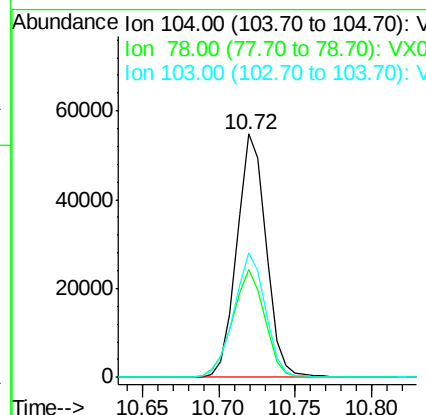
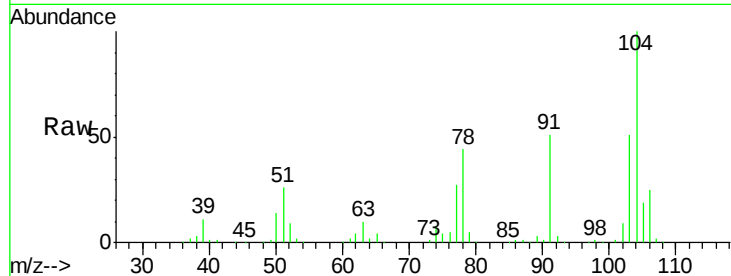
#69
Stvrene
Concen: 20.83 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.7	39.0	58.4
103	55.5	44.7	67.1

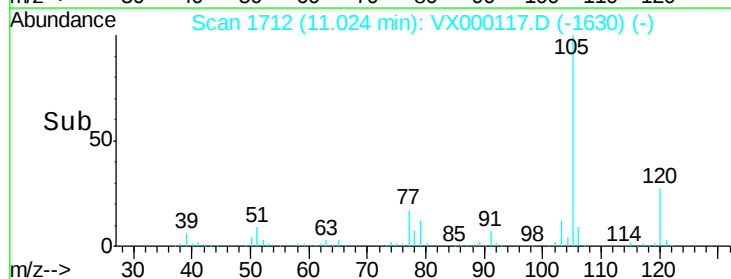
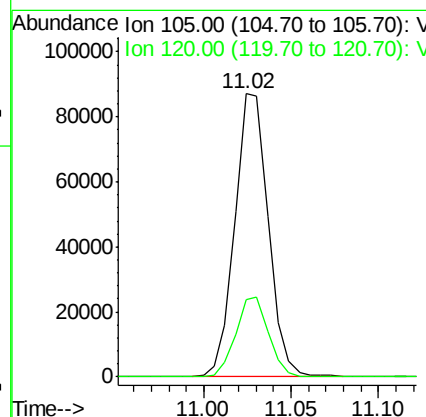
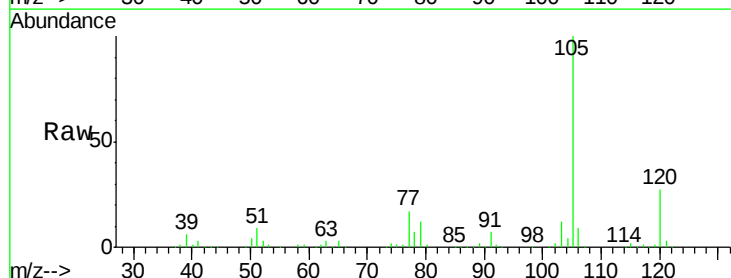
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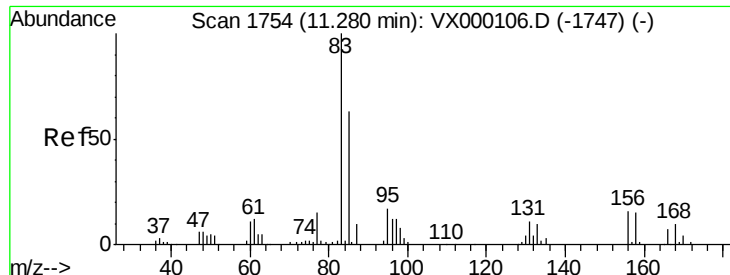
apatel
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#70
Isopropylbenzene
Concen: 20.38 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.1	18.8	35.0





#71

1,1,2,2-Tetrachloroethane

Concen: 20.98 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000117.D

Acq: 20 Feb 2018 19:37

Instrument :

MSVOA_X

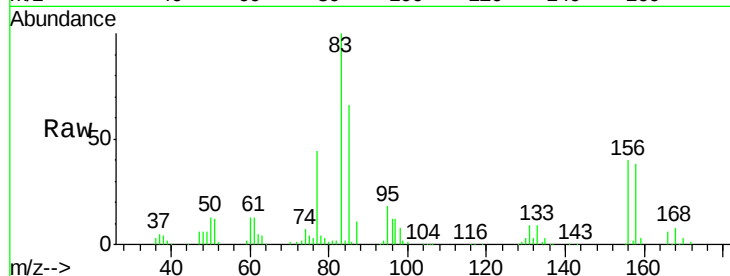
ClientSampleId :

VX0220WBSD01

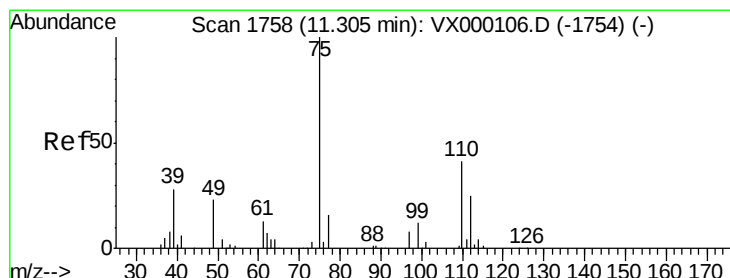
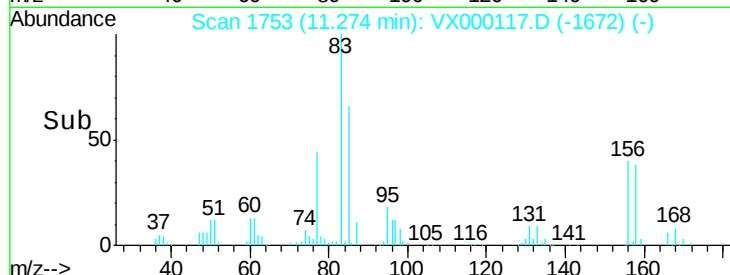
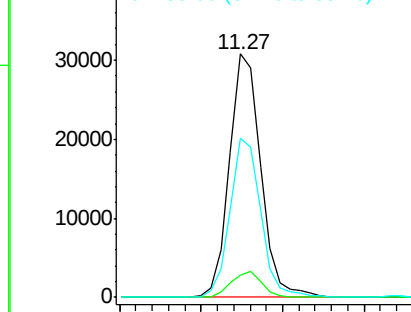
Tot Ion:	83	Resp:	41249
Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.3	16.1
85	64.2	32.5	97.5

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Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 131.00 (130.70 to 131.70): V
Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 20.46 ug/l m

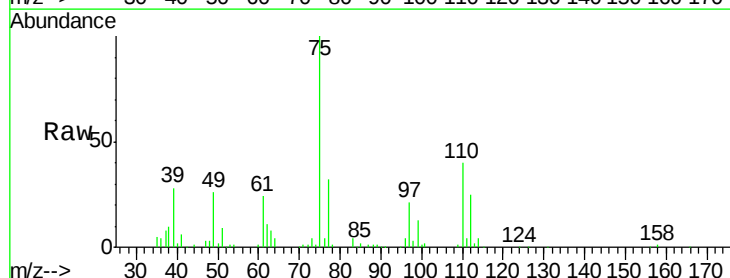
RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

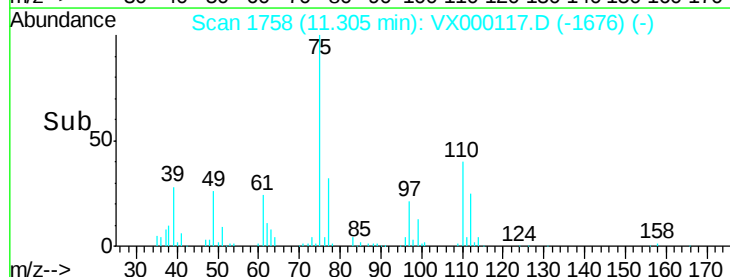
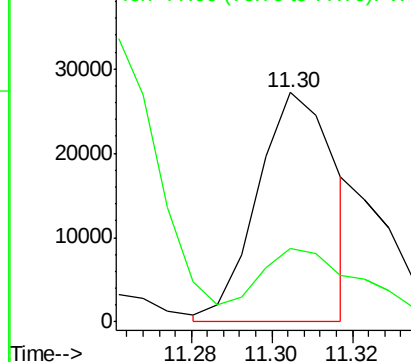
Lab File: VX000117.D

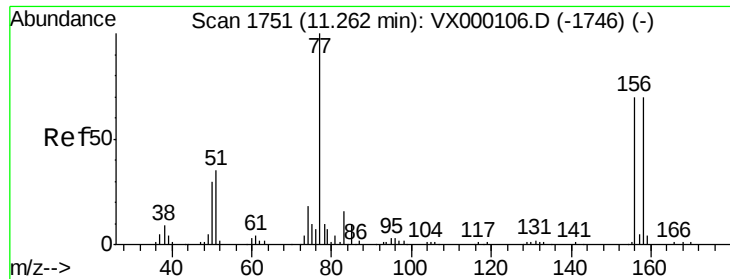
Acq: 20 Feb 2018 19:37

Tgt Ion:	75	Resp:	36074
Ion	Ratio	Lower	Upper
75	100		
77	43.7	0.0	85.8



Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 20.10 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000117.D

Acq: 20 Feb 2018 19:37

Instrument :

MSVOA_X

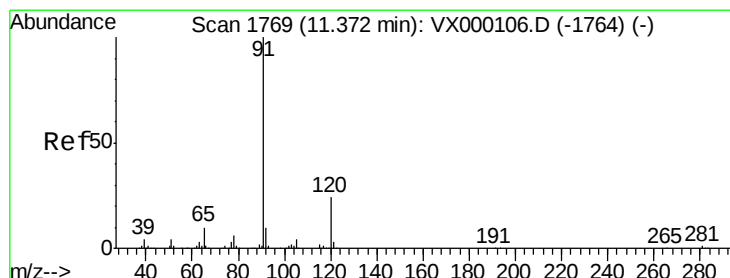
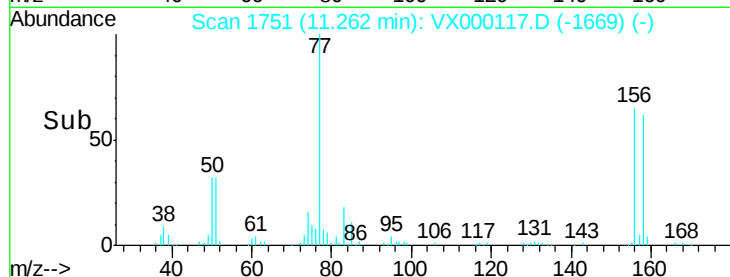
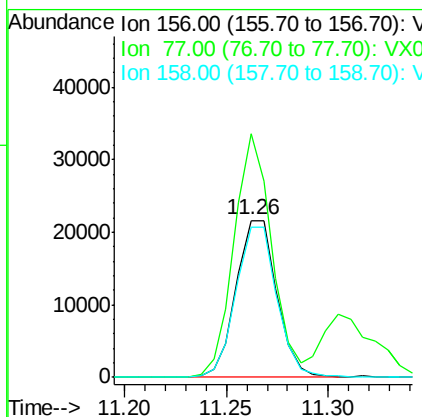
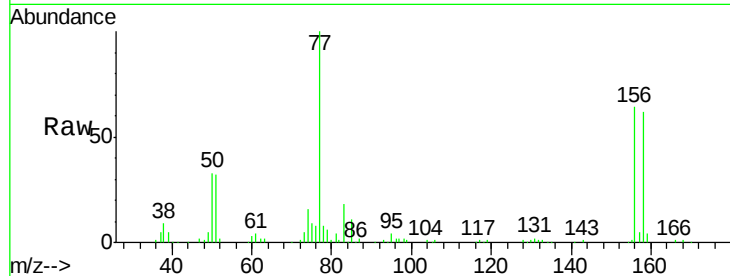
ClientSampleId :

VX0220WBSD01

Tot Ion:	156	Resp:	30101
Ion Ratio	Lower	Upper	
156	100		
77	142.7	0.0	280.2
158	96.9	0.0	197.2

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#74

n-propylbenzene

Concen: 20.51 ug/l

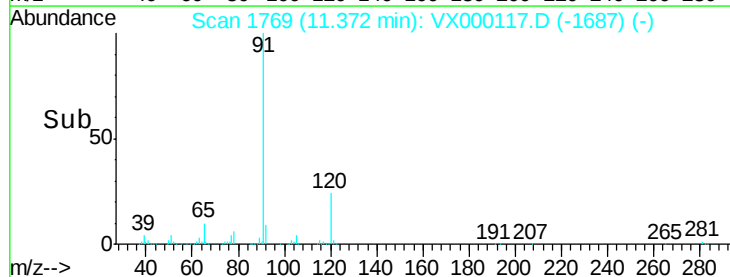
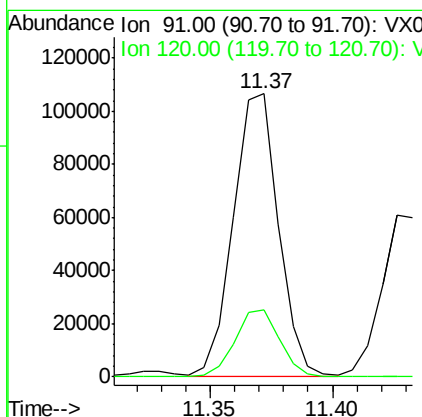
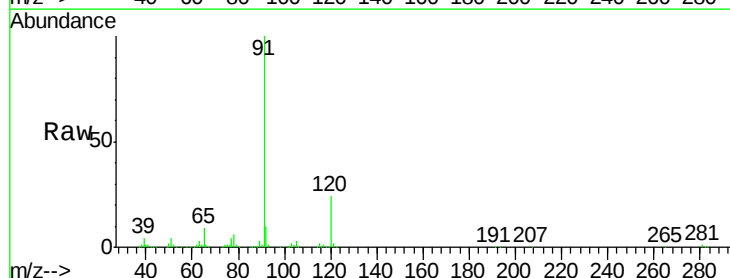
RT: 11.37 min Scan# 1769

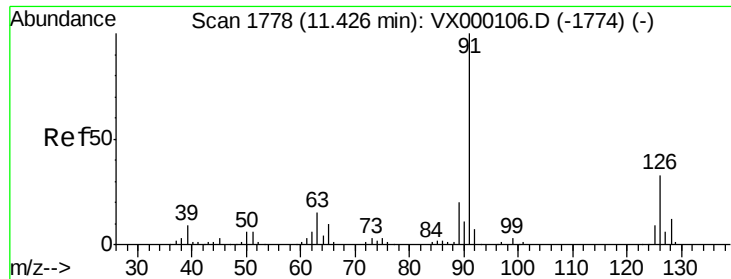
Delta R.T. 0.00 min

Lab File: VX000117.D

Acq: 20 Feb 2018 19:37

Tgt Ion:	91	Resp:	137323
Ion Ratio	Lower	Upper	
91	100		
120	23.6	0.0	47.4





#75

2-Chlorotoluene

Concen: 20.73 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000117.D

Acq: 20 Feb 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBSD01

Tot Ion: 91 Resp: 79813

Ion Ratio Lower Upper

91 100

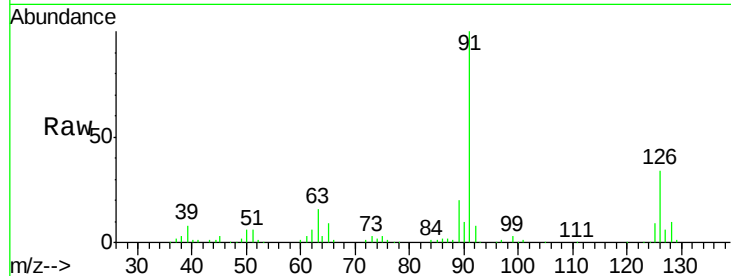
126 36.1 0.0 71.4

Manual Integrations

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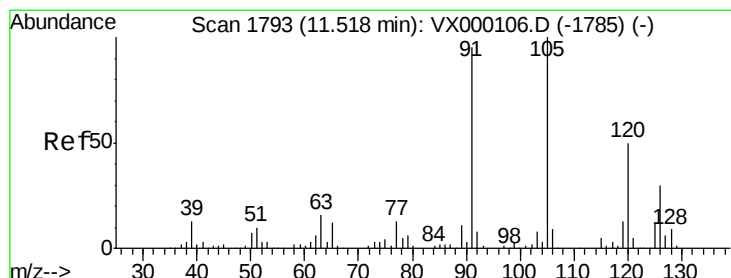
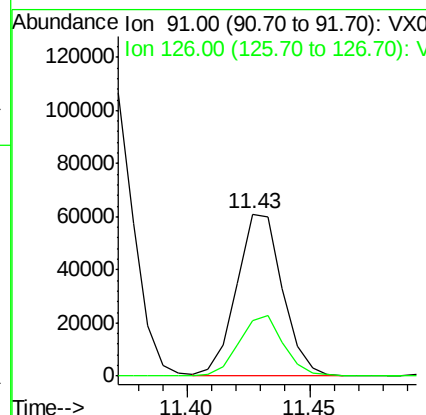
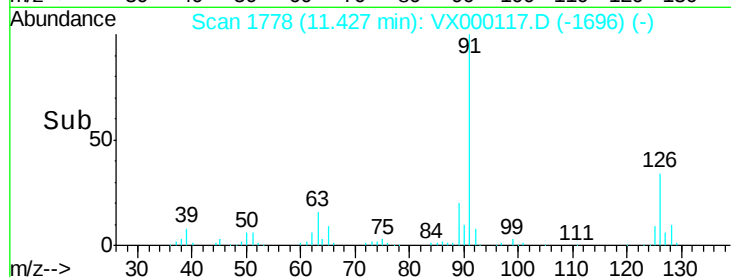
apatel

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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) (-)



#76

1,3,5-Trimethylbenzene

Concen: 20.99 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000117.D

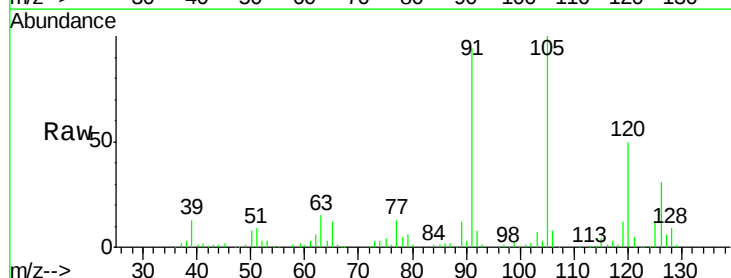
Acq: 20 Feb 2018 19:37

Tgt Ion: 105 Resp: 101609

Ion Ratio Lower Upper

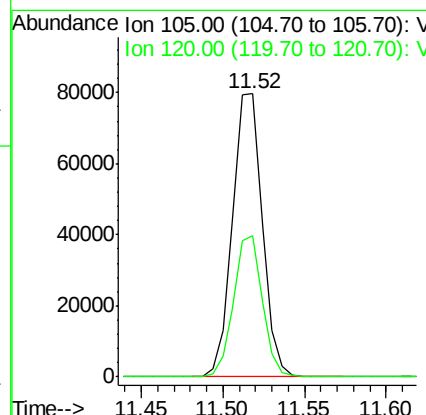
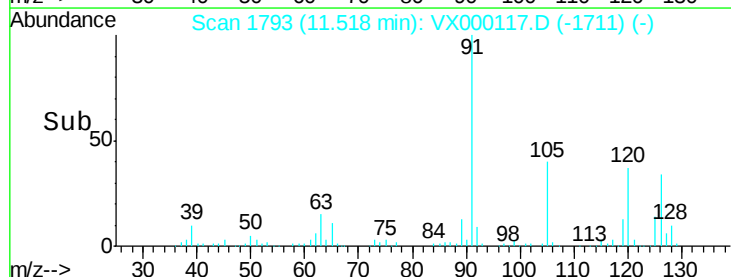
105 100

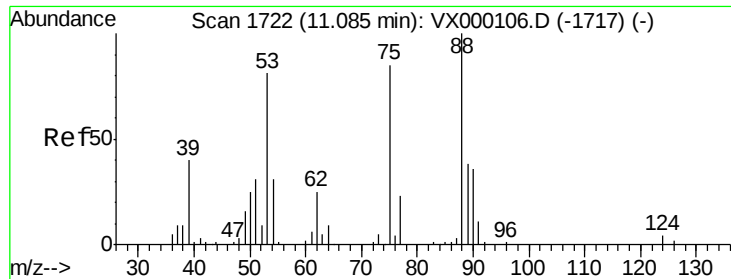
120 48.3 0.0 63.8



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

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





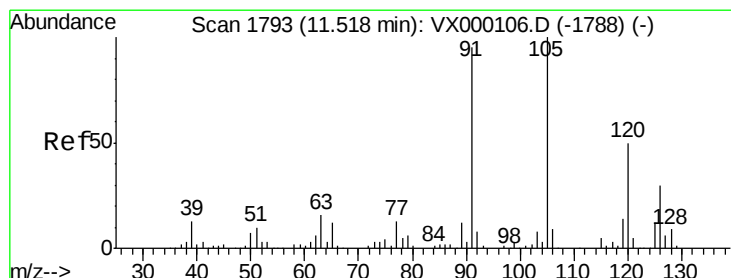
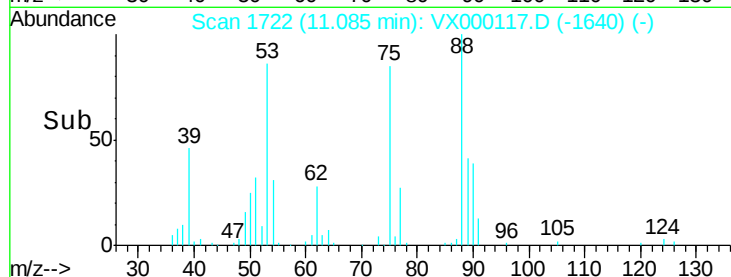
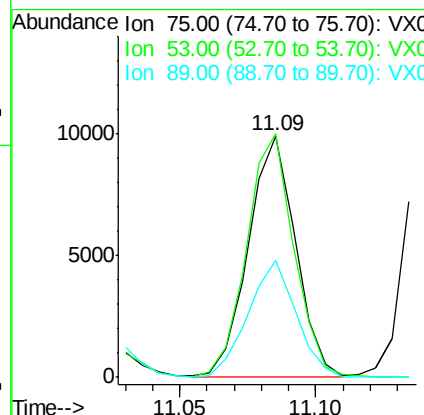
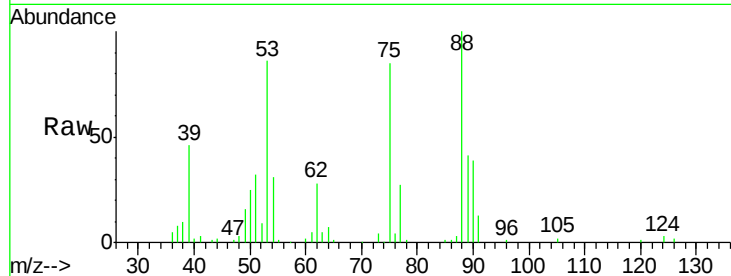
#77
t-1,4-Dichloro-2-butene
Concen: 19.20 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.5	47.8	143.3
89	48.9	22.3	66.8

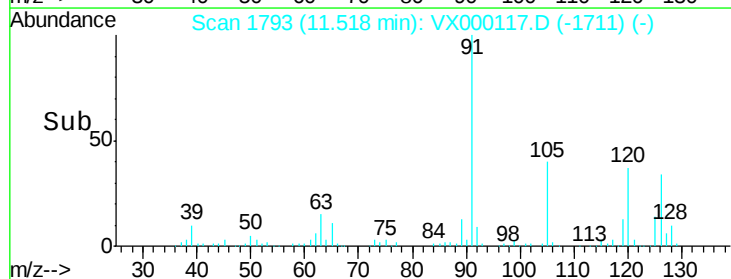
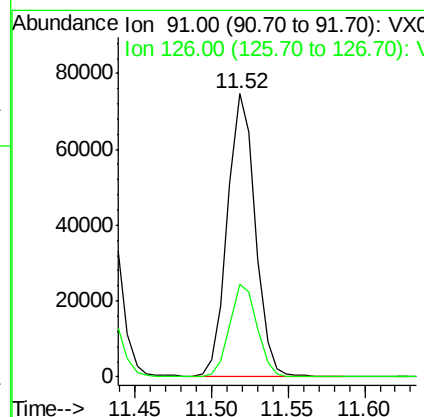
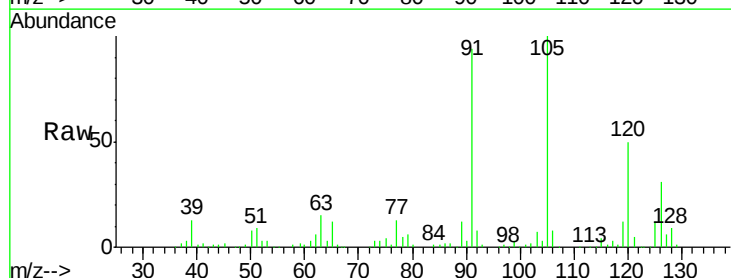
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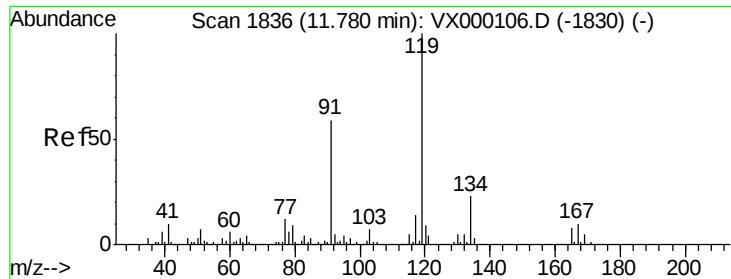
apatel
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#78
4-Chlorotoluene
Concen: 20.49 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.3	0.0	63.4





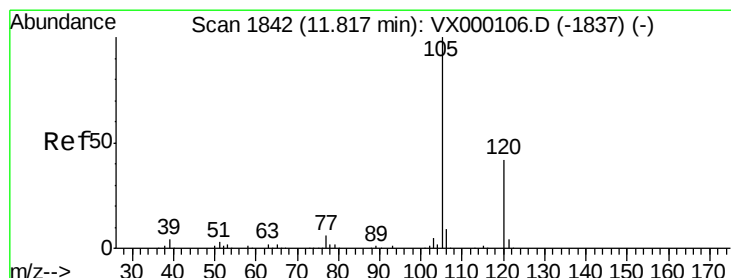
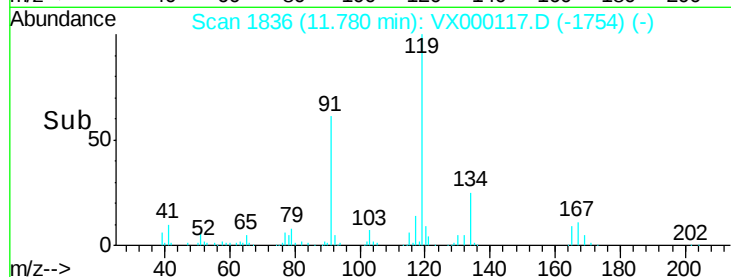
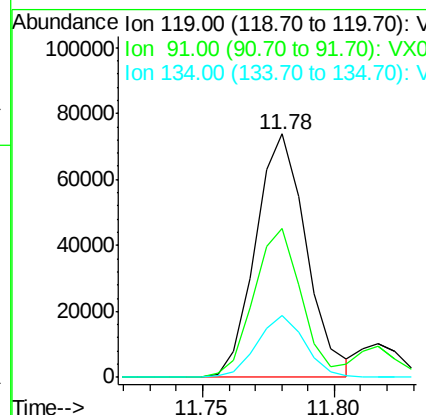
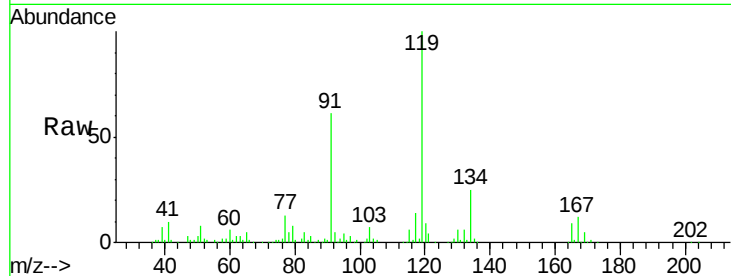
#79
tert-butylbenzene
Concen: 20.52 ug/l m
RT: 11.78 min Scan# 1836
Delta R.T. 0.00 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	98889		
91	26.7	0.0	51.6	
134	29.4	0.0	60.2	

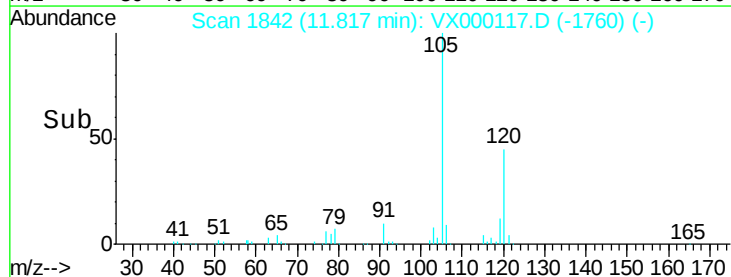
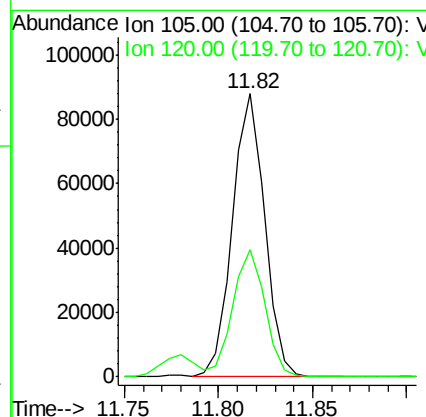
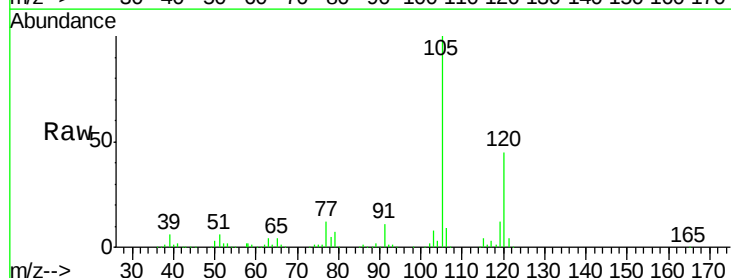
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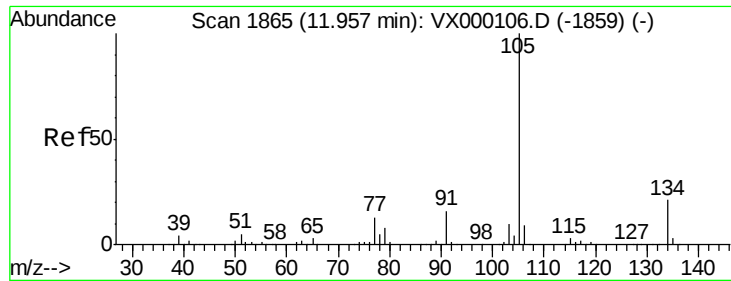
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#80
1,2,4-Trimethylbenzene
Concen: 21.14 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	104413		
120	45.1	0.0	93.0	





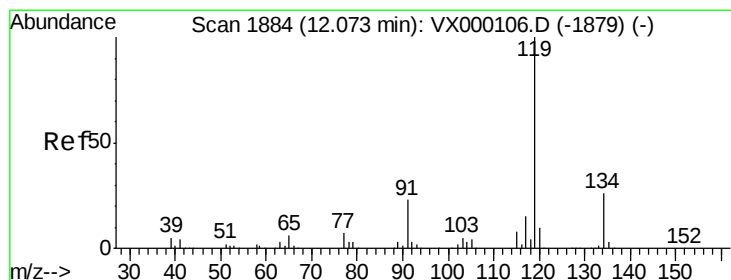
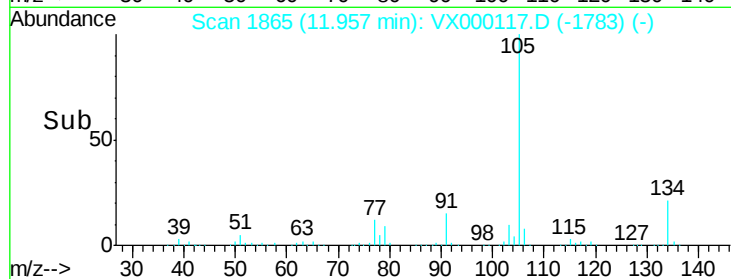
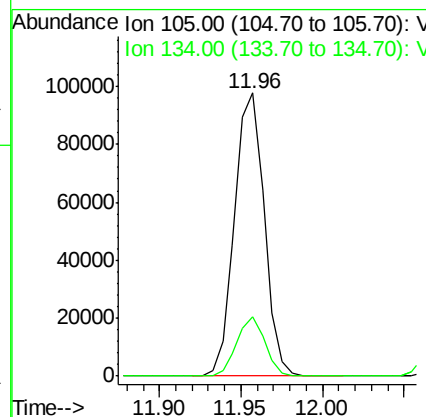
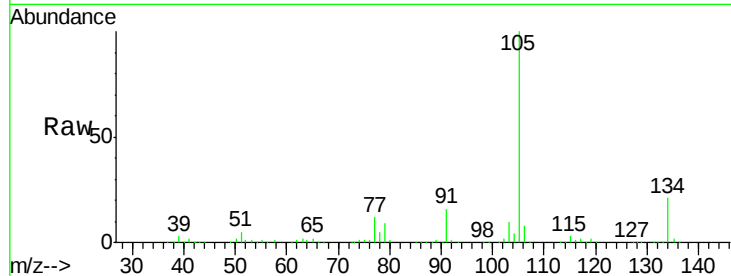
#81
 sec-Butylbenzene
 Concen: 20.81 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VX000117.D
 Acq: 20 Feb 2018 19:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	123984		
134	20.1	0.0	41.8	

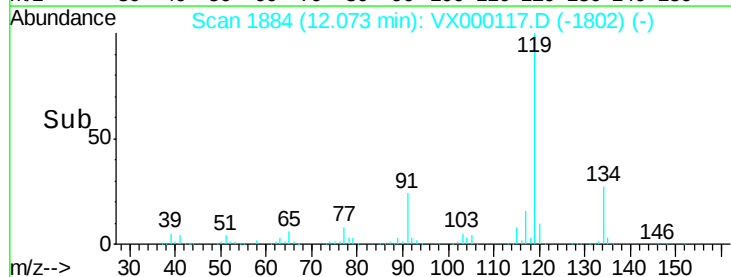
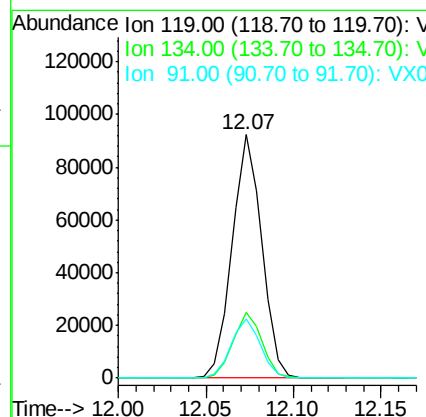
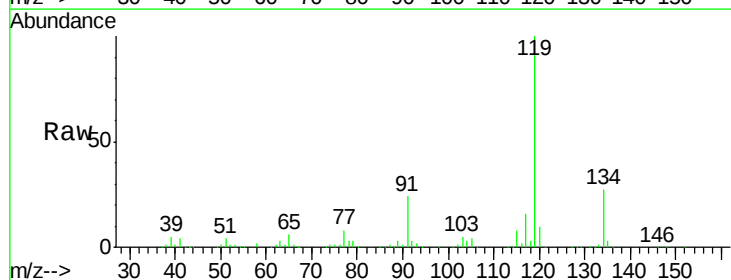
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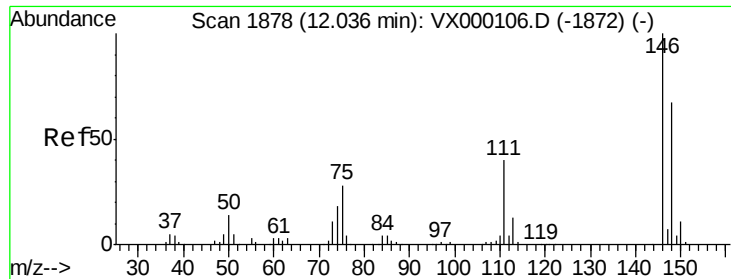
apatel
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#82
 p-Isopropyltoluene
 Concen: 20.52 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000117.D
 Acq: 20 Feb 2018 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	109066		
134	26.6	0.0	54.4	
91	24.2	0.0	46.6	





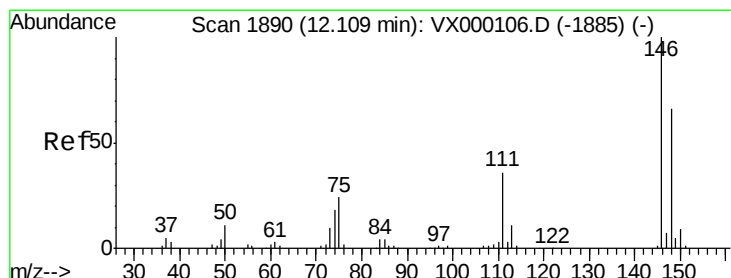
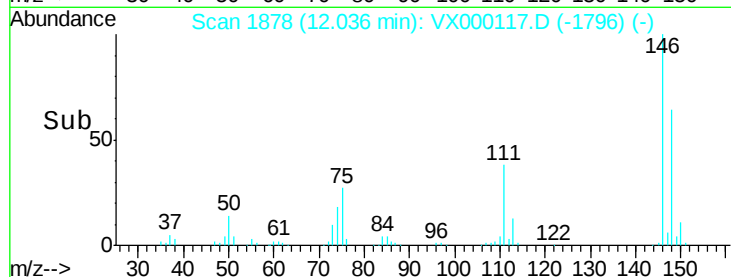
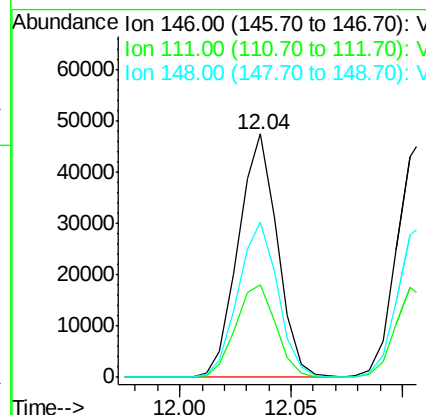
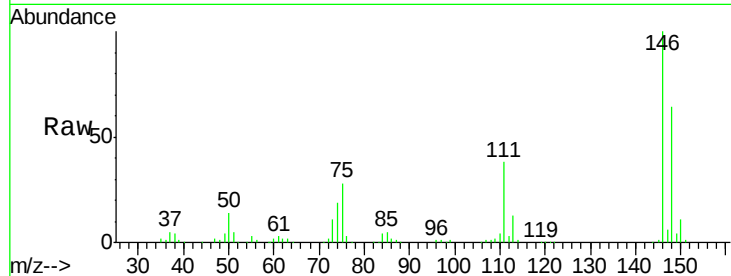
#83
 1,3-Dichlorobenzene
 Concen: 20.39 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000117.D
 Acq: 20 Feb 2018 19:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.4	58.2
148	64.6	32.6	97.7

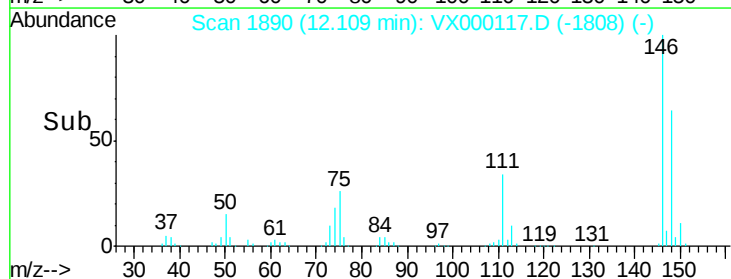
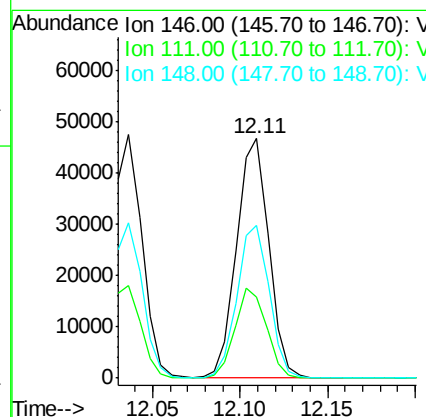
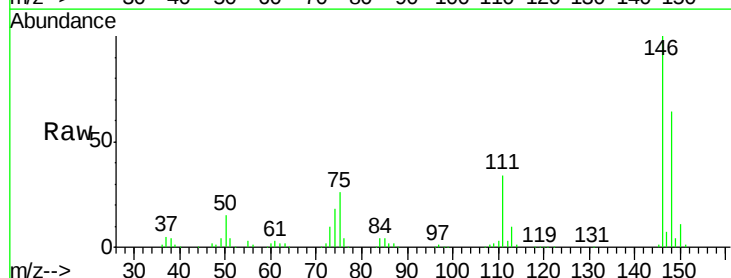
Manual Integrations
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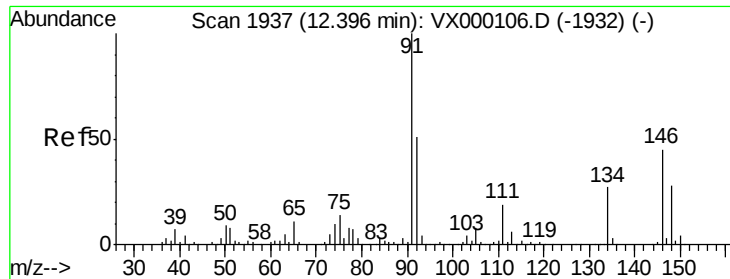
apatel
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#84
 1,4-Dichlorobenzene
 Concen: 20.17 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VX000117.D
 Acq: 20 Feb 2018 19:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.4	55.0
148	63.8	31.9	95.7





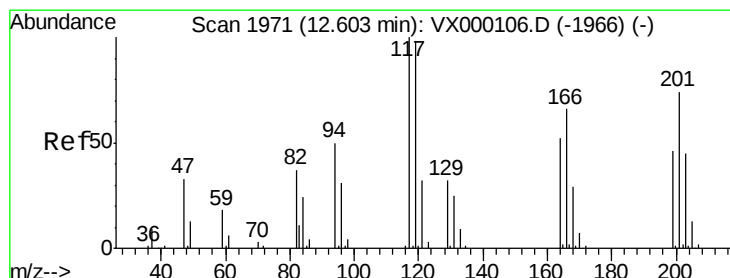
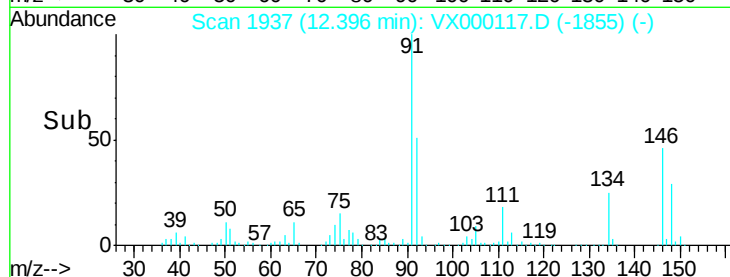
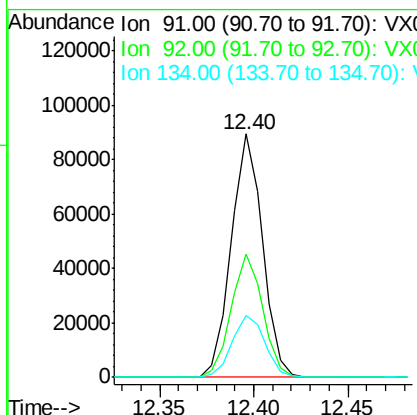
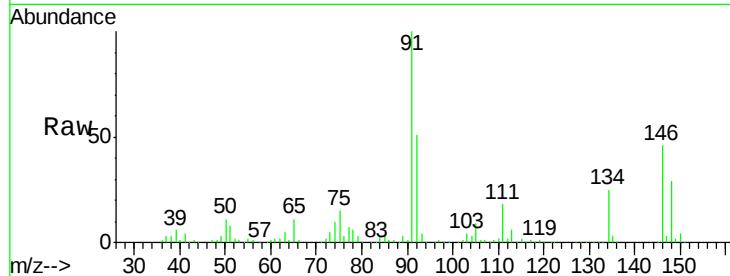
#85
n-Butylbenzene
Concen: 20.63 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	102826		
92	51.2	0.0	102.0	
134	26.6	0.0	54.2	

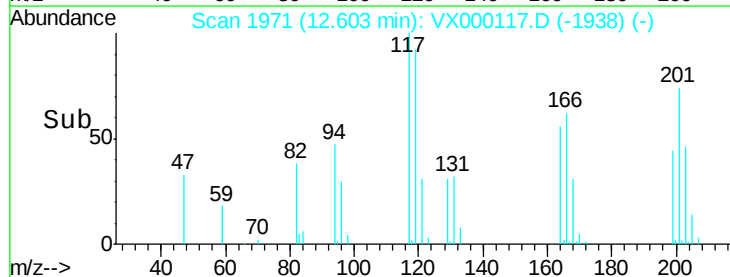
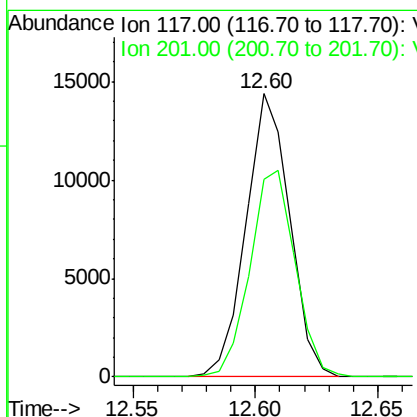
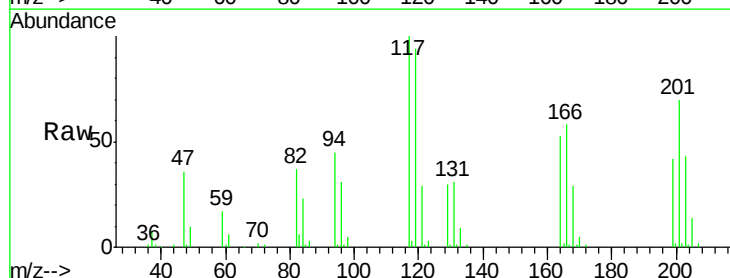
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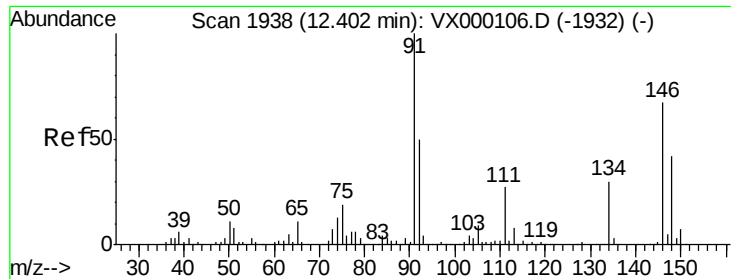
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#86
Hexachloroethane
Concen: 20.19 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	17919		
201	75.9	38.9	116.6	





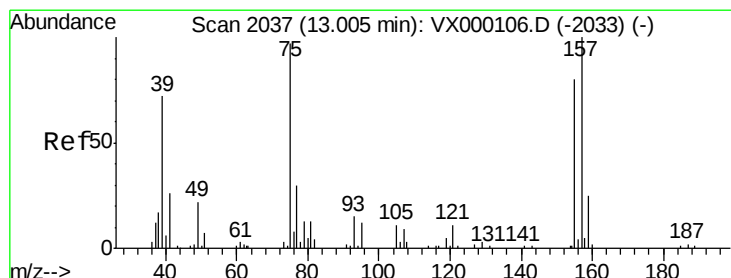
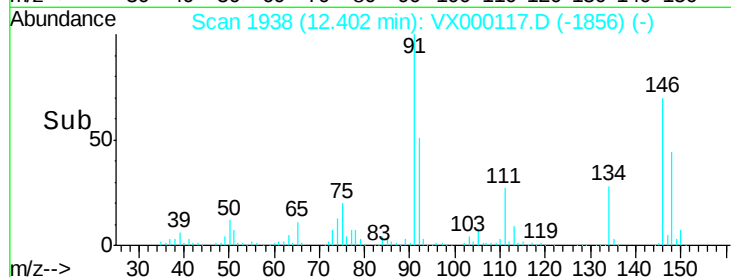
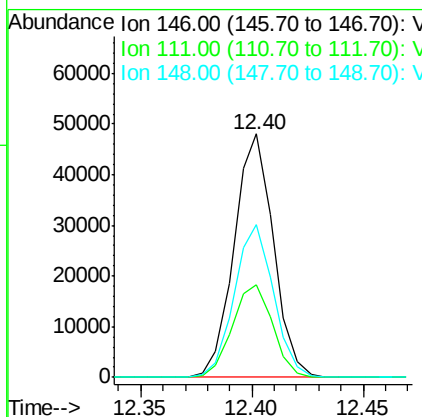
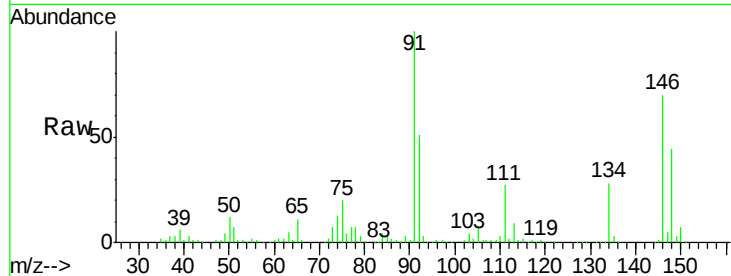
#87
 1,2-Dichlorobenzene
 Concen: 20.88 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000117.D
 Acq: 20 Feb 2018 19:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	58991		
111	39.3	20.0	60.0	
148	62.7	31.6	95.0	

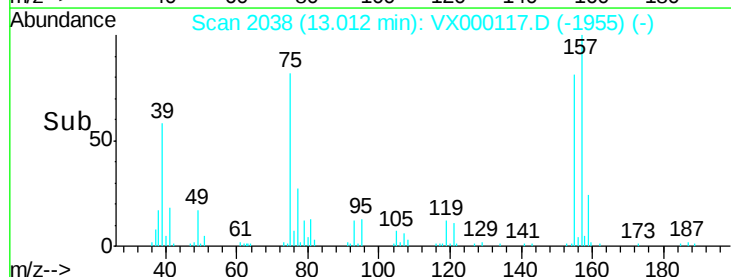
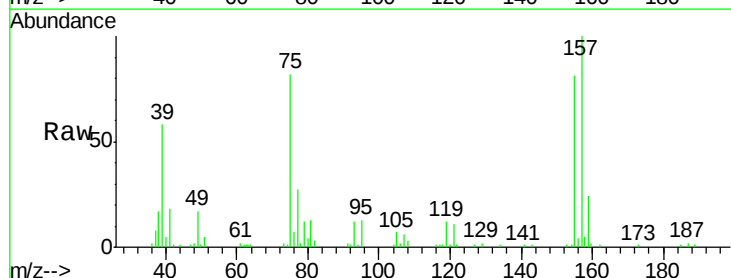
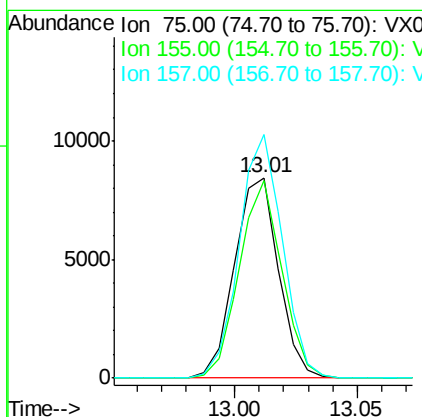
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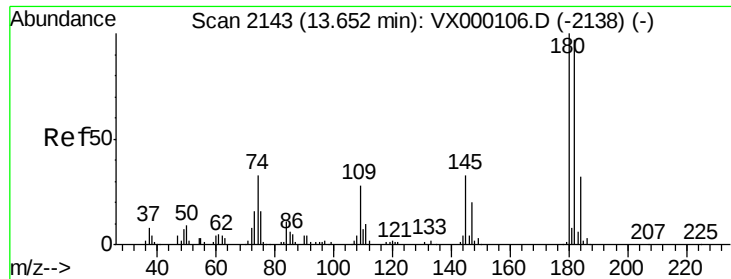
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.27 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. 0.01 min
 Lab File: VX000117.D
 Acq: 20 Feb 2018 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	10594		
155	95.5	75.1	112.7	
157	119.0	99.0	148.4	





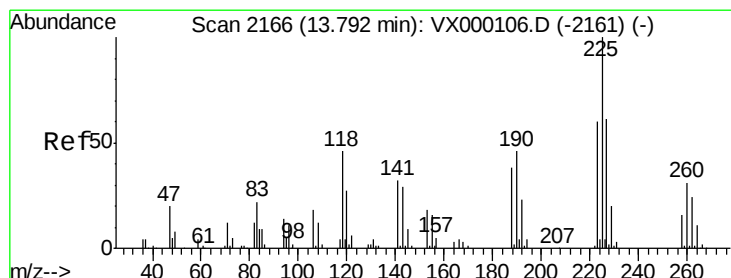
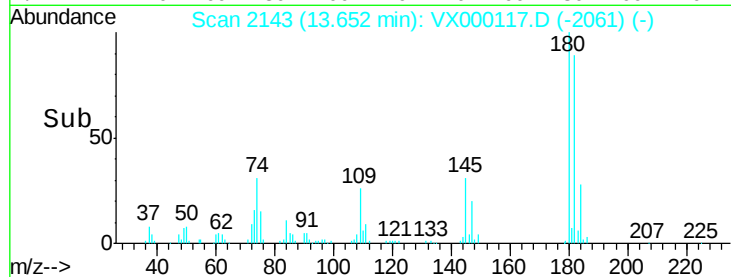
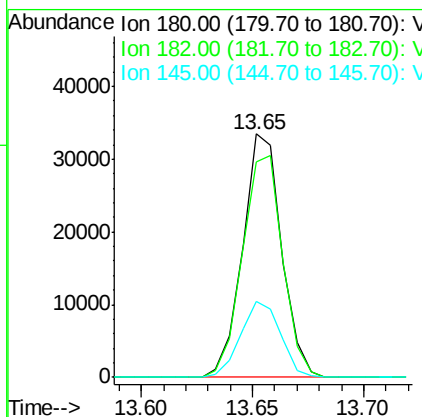
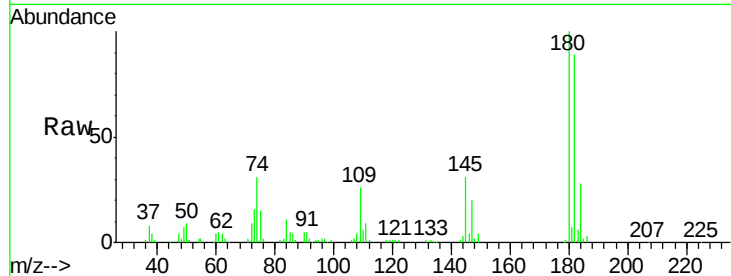
#89
 1,2,4-Trichlorobenzene
 Concen: 19.71 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000117.D
 Acq: 20 Feb 2018 19:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.3	114.5
145	31.9	24.6	37.0

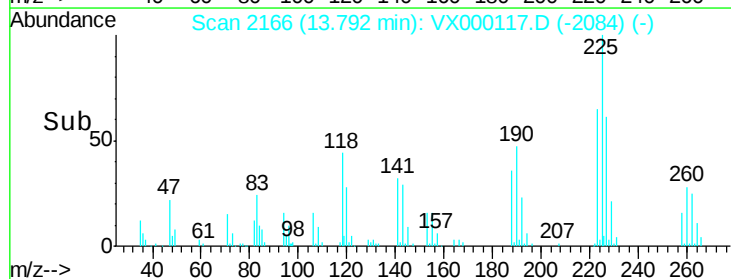
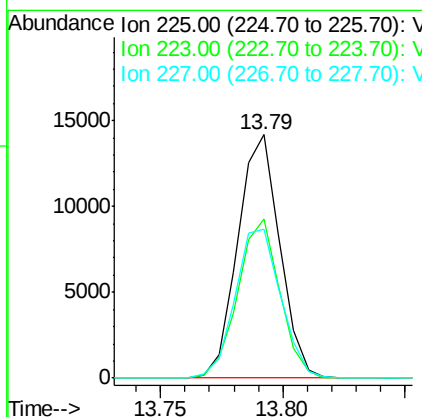
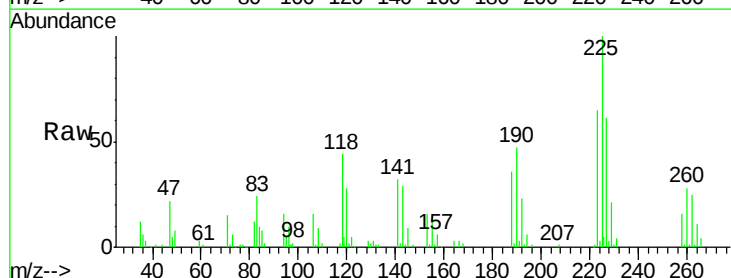
Manual Integrations
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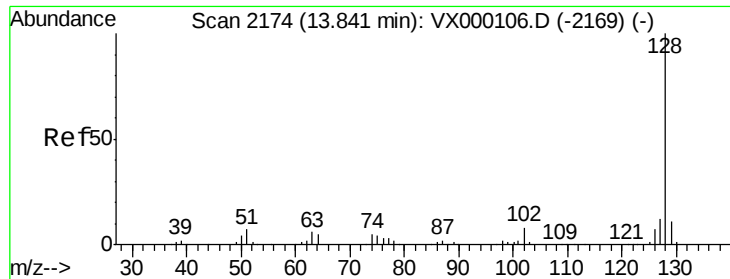
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#90
 Hexachlorobutadiene
 Concen: 18.97 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000117.D
 Acq: 20 Feb 2018 19:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.1	0.0	131.2
227	66.2	0.0	127.6





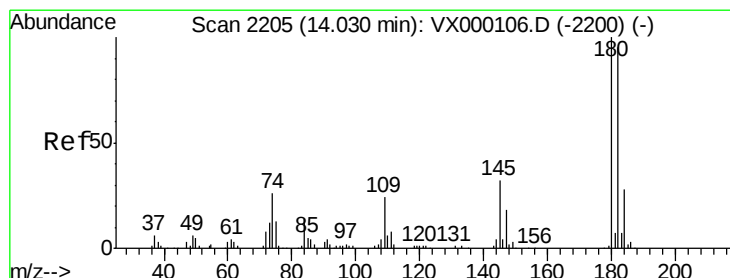
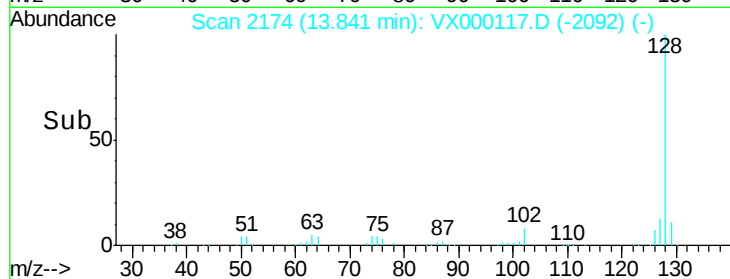
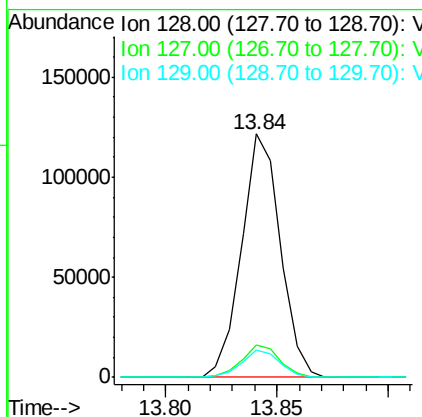
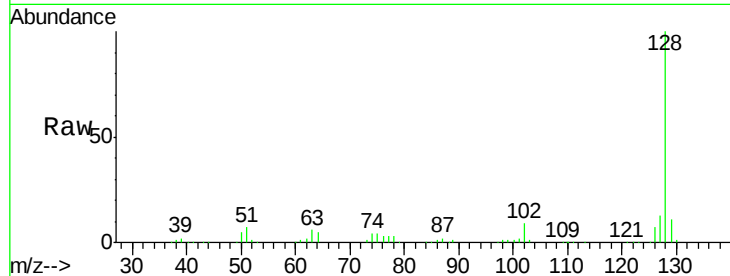
#91
Naphthalene
Concen: 20.39 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	11.1	9.0	13.6

Manual Integrations
APPROVED

apatel
2/22/2018 4:05:08 PM



#92
1,2,3-Trichlorobenzene
Concen: 20.00 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	0.0	188.6
145	31.3	0.0	65.8

