

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051818\
 Data File : VX001812.D
 Acq On : 18 May 2018 07:20
 Operator : JC/MD
 Sample : J2923-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 LOQ-NPW-Precision-Bias-1

Manual Integrations
 APPROVED

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 5/21/2018 5:40:05 PM

Quant Time: May 18 10:06:22 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X051818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 18 10:06:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	60050	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	263942	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	212883	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	119142	30.69	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.30%
60) 4-Bromofluorobenzene	11.14	95	91150	28.80	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.00%
63) Toluene-d8	8.72	98	318890	29.64	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.80%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	7354	4.44	ug/l	90
3) Chloromethane	1.32	50	16041	5.08	ug/l	94
4) Vinyl Chloride	1.40	62	12907	4.71	ug/l	98
5) Bromomethane	1.64	94	9442	5.25	ug/l	95
6) Chloroethane	1.72	64	9845	4.83	ug/l	100
7) Trichlorofluoromethane	1.93	101	14470	4.73	ug/l	98
8) Diethyl Ether	2.19	74	10556	4.91	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	8023	4.64	ug/l	98
10) 1,1-Dichloroethene	2.37	96	10273	4.85	ug/l	97
11) Methyl Iodide	2.51	142	12405	3.70	ug/l	97
12) Methyl Acetate	2.78	43	24698	4.80	ug/l	97
13) Acrolein	2.30	56	16703	27.18	ug/l	98
14) Acrylonitrile	3.15	53	47559	24.26	ug/l	95
15) Acetone	2.45	58	13770	25.73	ug/l	90
16) Carbon Disulfide	2.57	76	24964	4.71	ug/l	99
17) Allyl chloride	2.73	41	22674	4.79	ug/l	98
18) Methylene Chloride	2.86	84	16161	4.96	ug/l	97
19) trans-1,2-Dichloroethene	3.17	96	12914	4.94	ug/l	98
20) Diisopropyl ether	3.88	45	46910	4.55	ug/l	98
21) 1,1-Dichloroethane	3.70	63	26626	5.04	ug/l	99
22) cis-1,2-Dichloroethene	4.60	96	16871	4.98	ug/l	87
23) tert-Butyl Alcohol	3.08	59	21030	25.81	ug/l	# 100
24) Methyl tert-Butyl Ether	3.21	73	50016	4.96	ug/l	99
25) Chloroform	5.21	83	28067	4.99	ug/l	96
26) Cyclohexane	5.58	56	12632	4.40	ug/l	# 97
29) 1,1-Dichloropropene	5.80	75	14691	4.91	ug/l	98
30) 2-Butanone	4.72	43	66527	24.64	ug/l	100
31) 2,2-Dichloropropane	4.59	77	8331	4.40	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	19078	4.81	ug/l	99
33) Carbon Tetrachloride	5.78	117	14590	4.60	ug/l	93
34) Benzene	6.15	78	58521	4.89	ug/l	98
35) Methacrylonitrile	5.07	41	14140	4.92	ug/l	92
36) 1,2-Dichloroethane	6.20	62	23438	5.01	ug/l	99
37) Trichloroethene	7.22	130	15785	4.83	ug/l	98
38) Methylcyclohexane	7.46	83	11353	4.11	ug/l	99
39) 1,2-Dichloropropane	7.52	63	15131	4.75	ug/l	99
40) Dibromomethane	7.67	93	11040	4.83	ug/l	99

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 Response via : Initial Calibration

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

41) Bromodichloromethane	7.90	83	18721	4.65	ug/l	98
42) Vinyl Acetate	3.83	43	203079	27.76	ug/l	99
43) Ethyl Acetate	4.87	43	25673	4.99	ug/l #	78
44) Isopropyl Acetate	6.47	43	34891	4.68	ug/l	100
45) 1,4-Dioxane	7.76	88	8571	93.93	ug/l	97
46) Methyl methacrylate	7.78	41	17864	4.55	ug/l	95
47) n-amyl Acetate	10.91	43	22264	4.31	ug/l	99
48) t-1,3-Dichloropropene	8.44	75	17897	4.23	ug/l	97
49) cis-1,3-Dichloropropene	9.05	75	15326	4.14	ug/l	93
50) 1,1,2-Trichloroethane	9.22	97	14975	4.77	ug/l	98
51) Ethyl methacrylate	9.19	69	18654	4.37	ug/l	97
52) 1,3-Dichloropropane	9.38	76	24547	4.93	ug/l	98
53) Dibromochloromethane	9.59	129	13438	4.41	ug/l	97
54) 1,2-Dibromoethane	9.68	107	15151	4.76	ug/l	99
55) 2-Chloroethyl vinyl ether	8.32	63	56572	22.71	ug/l	99
56) Bromoform	10.86	173	10703	4.29	ug/l #	38
58) 4-Methyl-2-Pentanone	8.66	43	120524	22.65	ug/l	100
59) 2-Hexanone	9.51	43	79099	22.66	ug/l	97
61) Tetrachloroethene	9.34	164	14912	4.76	ug/l	96
62) Toluene	8.79	91	58051	4.72	ug/l	99
64) Chlorobenzene	10.15	112	34837	4.84	ug/l	95
65) 1,1,1,2-Tetrachloroethane	10.23	131	12802	4.41	ug/l	95
66) Ethyl Benzene	10.26	91	47656	4.66	ug/l	97
67) m/p-Xylenes	10.37	106	36238	8.87	ug/l	97
68) o-Xylene	10.70	106	19526	4.64	ug/l	100
69) Styrene	10.72	104	30766	4.39	ug/l	99
70) Isopropylbenzene	11.02	105	43633	4.42	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	21568	4.81	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	22528	5.28	ug/l	93
73) Bromobenzene	11.26	156	16623	4.75	ug/l	99
74) n-propylbenzene	11.37	91	44265	4.31	ug/l	99
75) 2-Chlorotoluene	11.43	91	33381	4.72	ug/l	100
76) 1,3,5-Trimethylbenzene	11.51	105	35518	4.33	ug/l	98
77) t-1,4-Dichloro-2-butene	11.08	75	3391	3.73	ug/l	86
78) 4-Chlorotoluene	11.52	91	35404	4.54	ug/l	98
79) tert-butylbenzene	12.07	119	32816	4.05	ug/l	98
80) 1,2,4-Trimethylbenzene	11.81	105	36718	4.33	ug/l	99
81) sec-Butylbenzene	11.95	105	36905	4.15	ug/l	99
82) p-Isopropyltoluene	12.07	119	32816	4.05	ug/l	98
83) 1,3-Dichlorobenzene	12.03	146	25851	4.74	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	26084	4.82	ug/l	100
85) n-Butylbenzene	12.39	91	22196	3.78	ug/l	99
86) Hexachloroethane	12.60	117	5944	4.41	ug/l	99
87) 1,2-Dichlorobenzene	12.40	146	28326	4.79	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.01	75	4246	4.47	ug/l	95
89) 1,2,4-Trichlorobenzene	13.65	180	15754	4.23	ug/l	92
90) Hexachlorobutadiene	13.79	225	7648	4.19	ug/l	98
91) Naphthalene	13.84	128	54048	4.16	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	18982	4.53	ug/l	97

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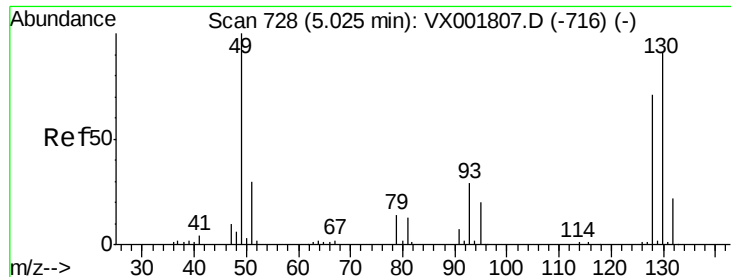
Manual Integrations
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QLast Update : Fri May 18 10:06:03 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX001812.D

Acq: 18 May 2018 07:20

Instrument :

MSVOA_X

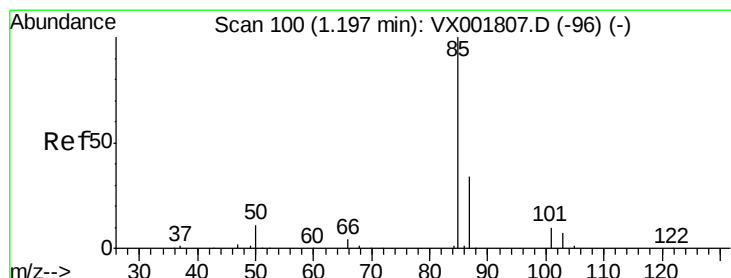
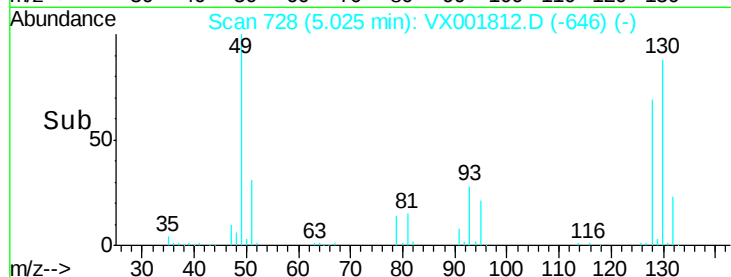
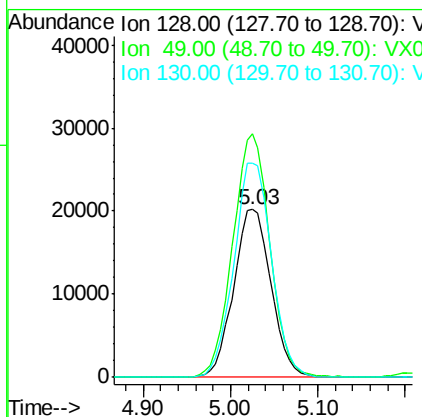
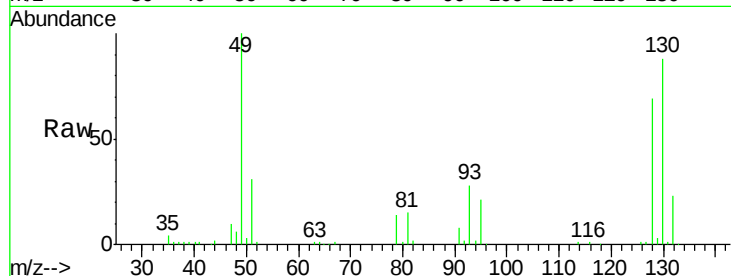
ClientSampleId :

LOQ-NPW-Precision-Bias-1

Tot Ion:	128	Resp:	60050
Ion	Ratio	Lower	Upper
128	100		
49	143.7	0.0	352.3
130	129.2	0.0	323.5

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#2

Dichlorodifluoromethane

Concen: 4.44 ug/l

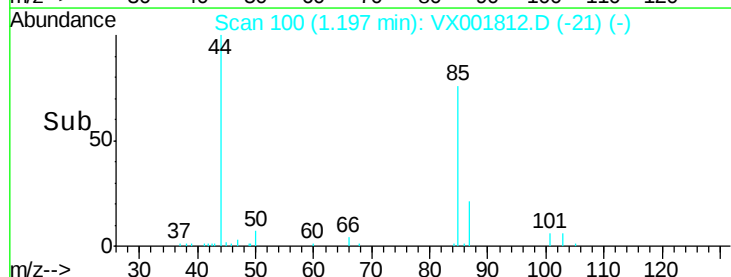
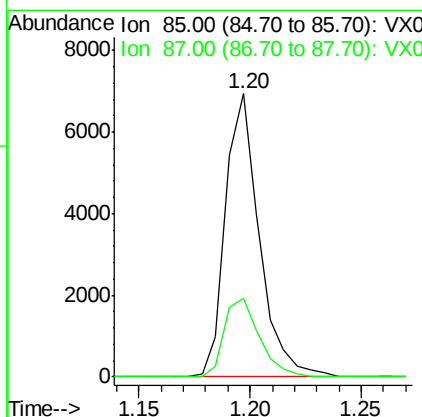
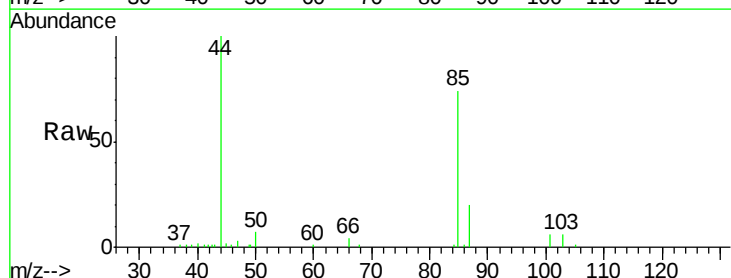
RT: 1.20 min Scan# 100

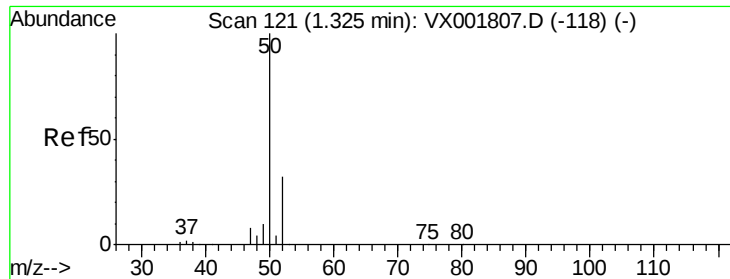
Delta R.T. 0.00 min

Lab File: VX001812.D

Acq: 18 May 2018 07:20

Tgt Ion:	85	Resp:	7354
Ion	Ratio	Lower	Upper
85	100		
87	27.8	16.9	50.7





#3

Chloromethane

Concen: 5.08 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001812.D

Acq: 18 May 2018 07:20

Instrument :

MSVOA_X

ClientSampleId :

LOQ-NPW-Precision-Bias-1

Tot Ion: 50 Resp: 16041

Ion Ratio Lower Upper

50 100

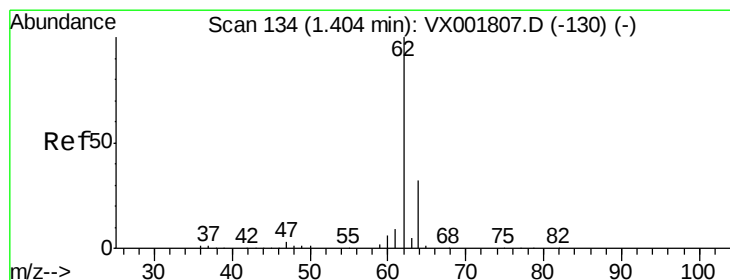
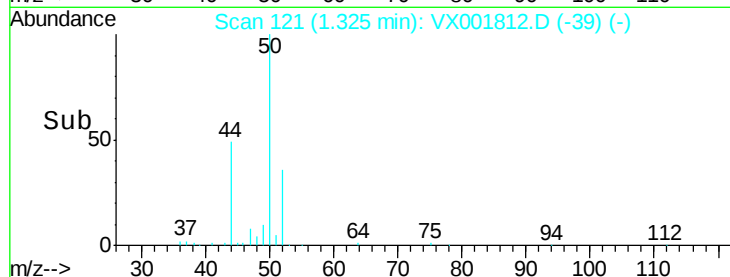
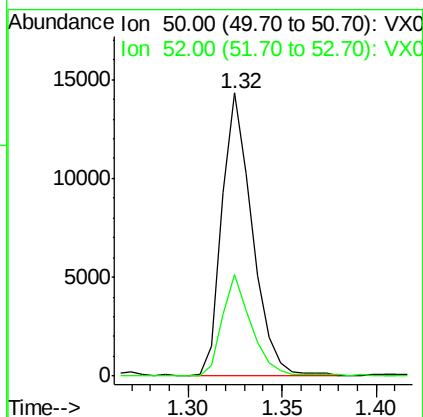
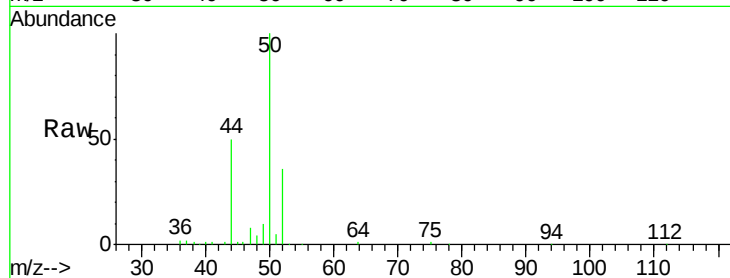
52 36.1 26.0 39.0

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#4

Vinyl Chloride

Concen: 4.71 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001812.D

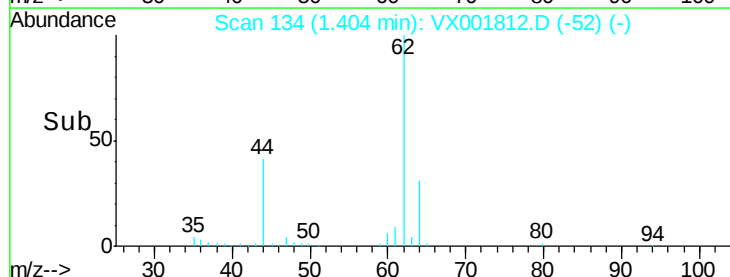
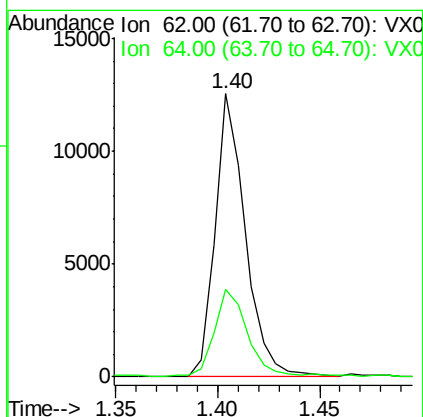
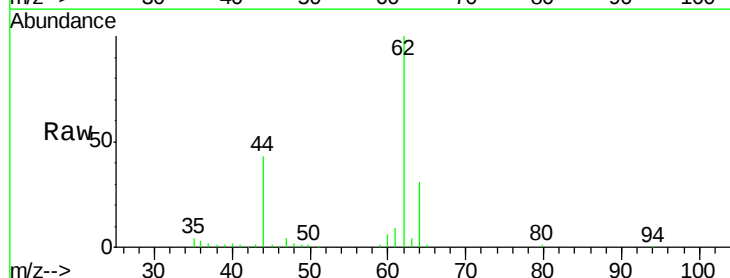
Acq: 18 May 2018 07:20

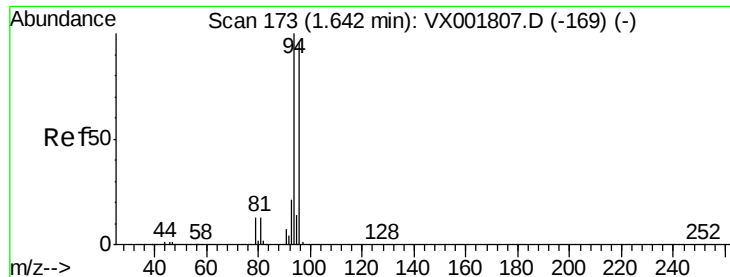
Tgt Ion: 62 Resp: 12907

Ion Ratio Lower Upper

62 100

64 30.4 25.4 38.2





#5

Bromomethane

Concen: 5.25 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX001812.D

Acq: 18 May 2018 07:20

Instrument :

MSVOA_X

ClientSampleId :

LOQ-NPW-Precision-Bias-1

Tot Ion: 94 Resp: 9442

Ion Ratio Lower Upper

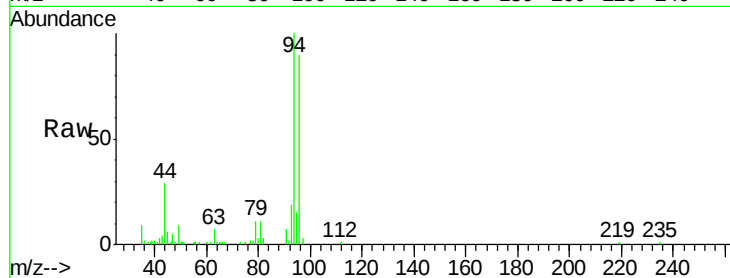
94 100

96 90.9 76.6 115.0

Manual Integrations
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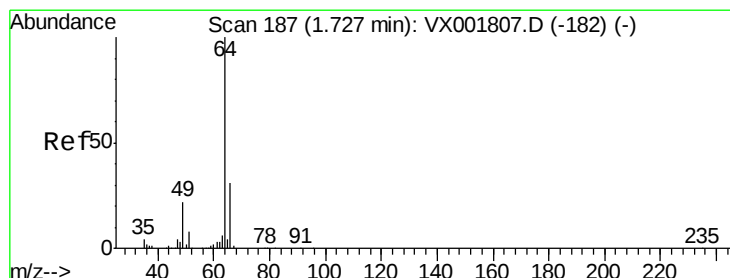
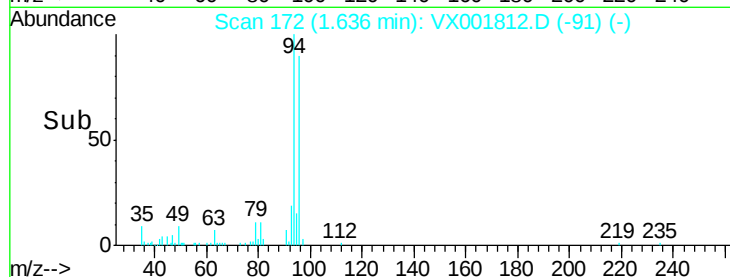
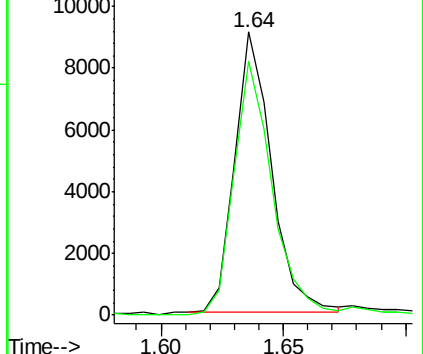
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 4.83 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX001812.D

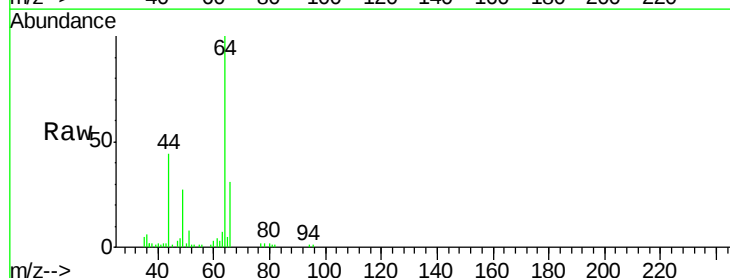
Acq: 18 May 2018 07:20

Tgt Ion: 64 Resp: 9845

Ion Ratio Lower Upper

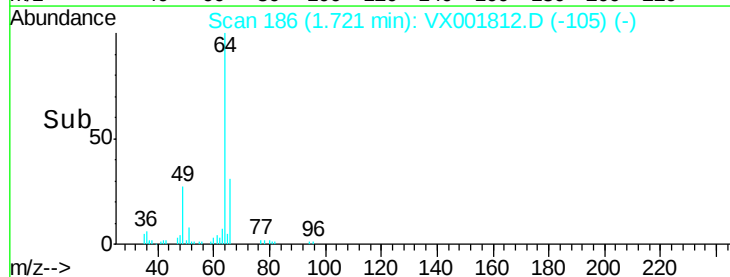
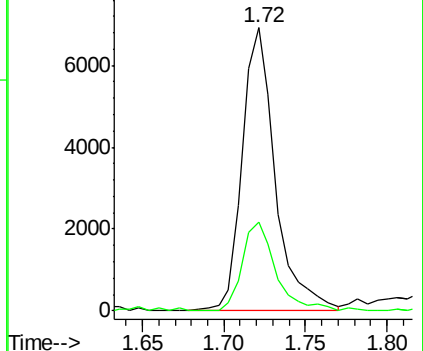
64 100

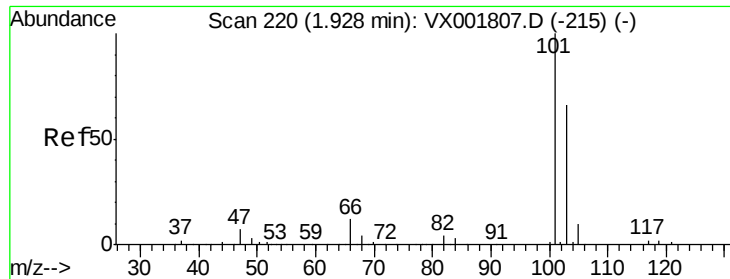
66 31.3 25.0 37.4



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

Trichlorofluoromethane

Concen: 4.73 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.00 min

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Tot Ion:101 Resp: 14470

Ion Ratio Lower Upper

101 100

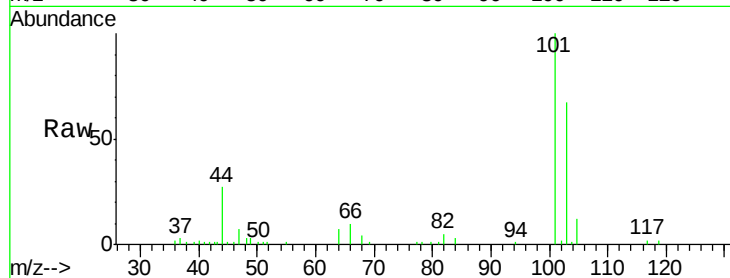
103 67.4 52.9 79.3

Manual Integrations

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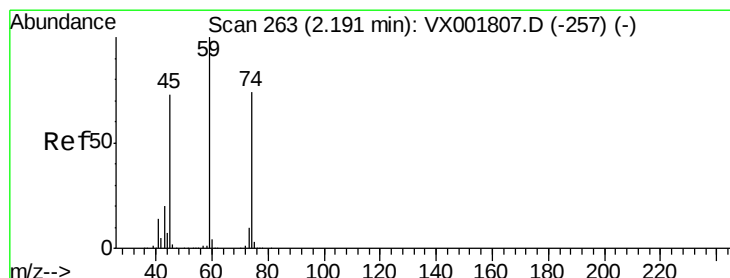
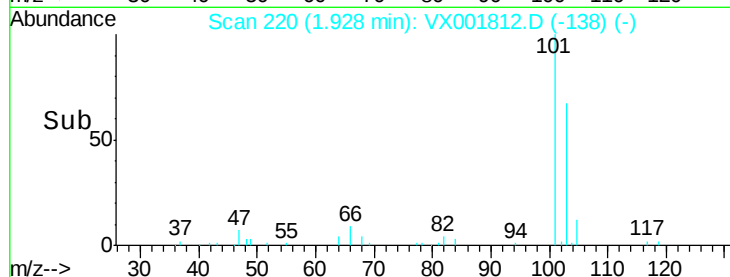
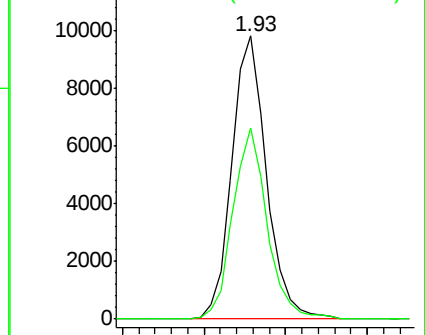
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Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

Diethyl Ether

Concen: 4.91 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX001812.D

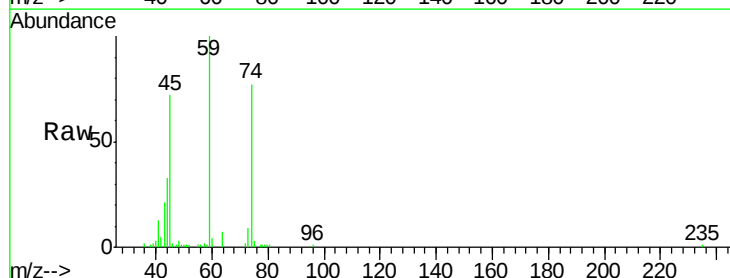
Acq: 18 May 2018 07:20

Tgt Ion: 74 Resp: 10556

Ion Ratio Lower Upper

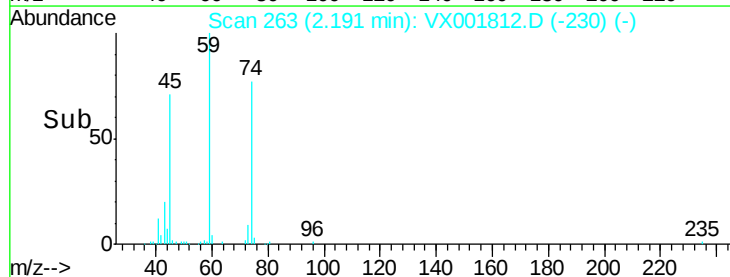
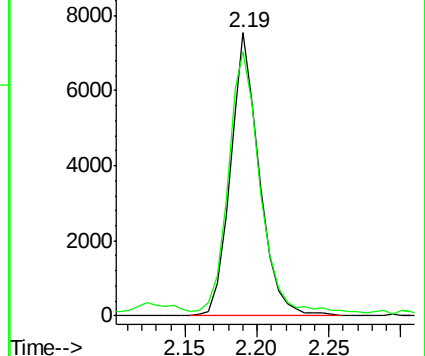
74 100

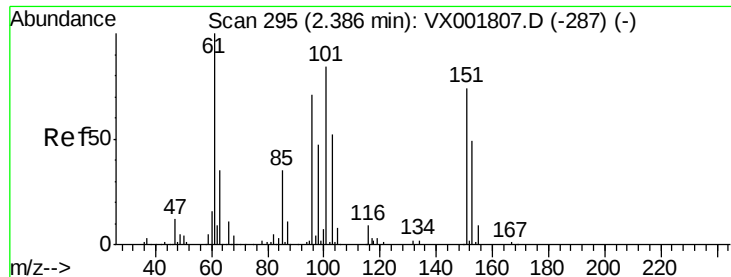
45 102.7 19.8 178.0



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.64 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX001812.D

Acq: 18 May 2018 07:20

Instrument :

MSVOA_X

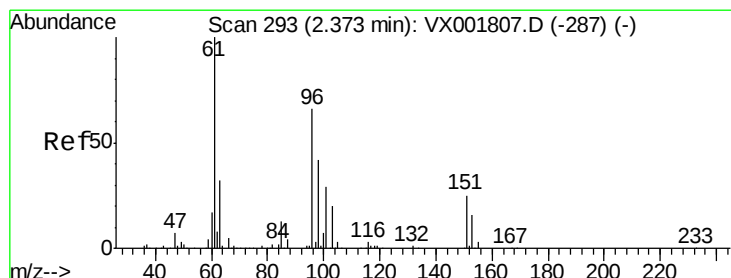
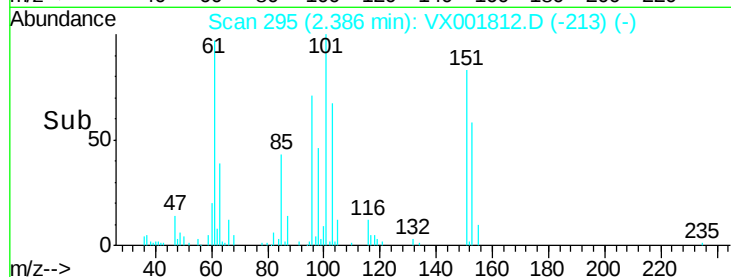
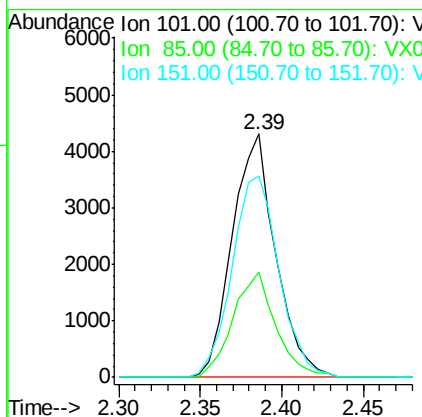
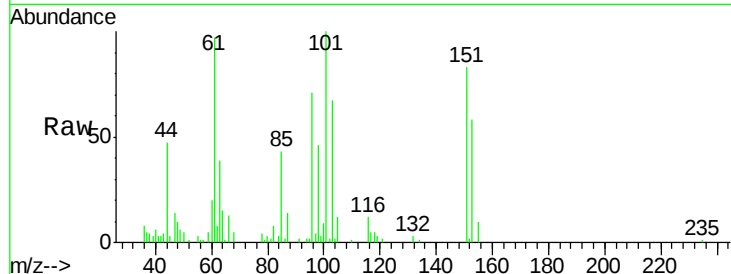
ClientSampleId :

LOQ-NPW-Precision-Bias-1

Tot Ion:	101	Resp:	8023
Ion Ratio	Lower	Upper	
101	100		
85	42.2	0.0	83.0
151	88.8	0.0	182.8

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#10

1,1-Dichloroethene

Concen: 4.85 ug/l

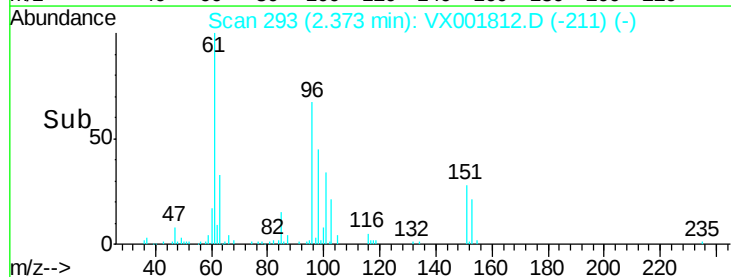
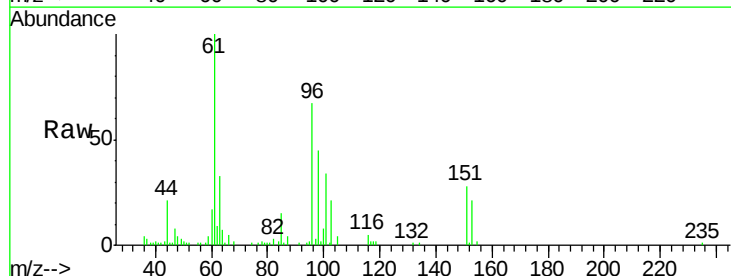
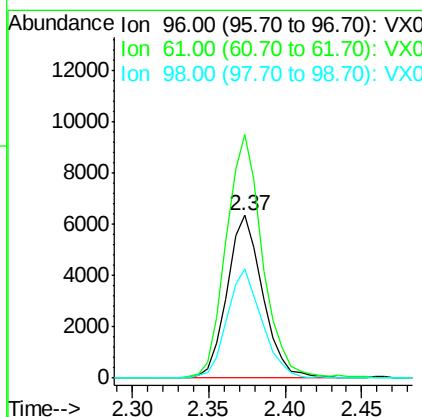
RT: 2.37 min Scan# 293

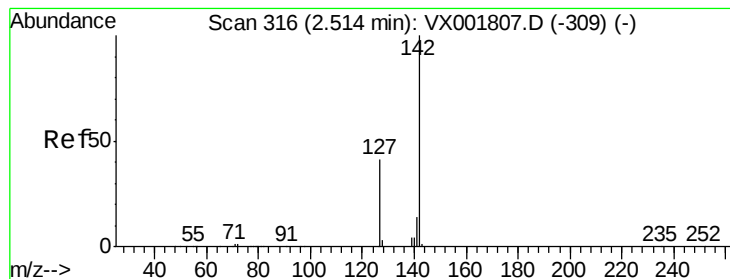
Delta R.T. 0.00 min

Lab File: VX001812.D

Acq: 18 May 2018 07:20

Tgt Ion:	96	Resp:	10273
Ion Ratio	Lower	Upper	
96	100		
61	149.1	120.9	181.3
98	67.1	50.2	75.4





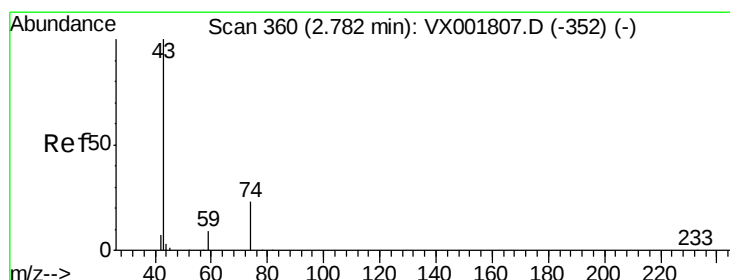
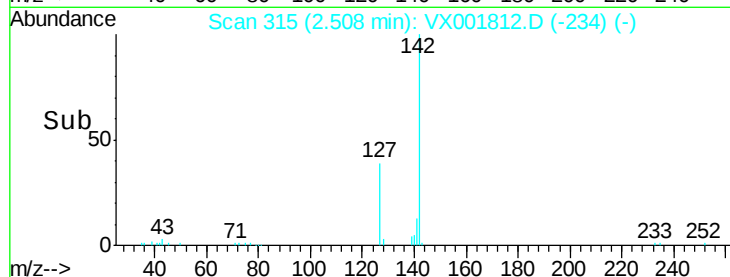
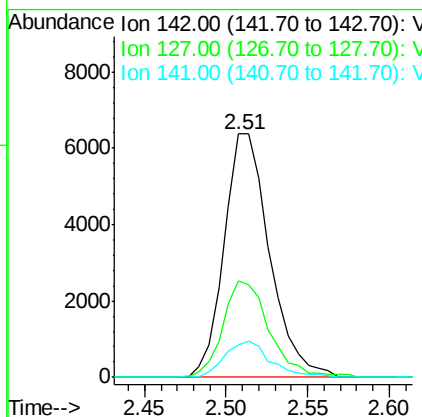
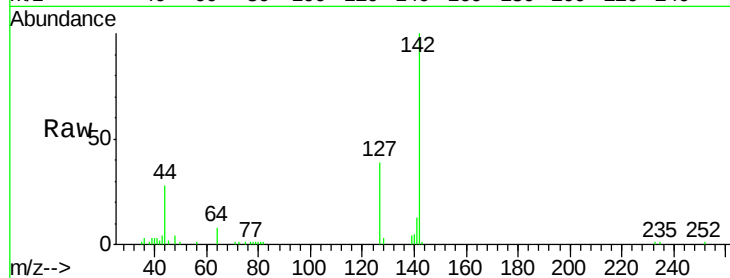
#11
Methvl Iodide
Concen: 3.70 ug/l
RT: 2.51 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX001812.D
Acq: 18 May 2018 07:20

Instrument :
MSVOA_X
ClientSampleId :
LOQ-NPW-Precision-Bias-1

Tot Ion	Ratio	Lower	Upper
142	100		
127	38.7	20.3	61.0
141	12.9	7.0	21.1

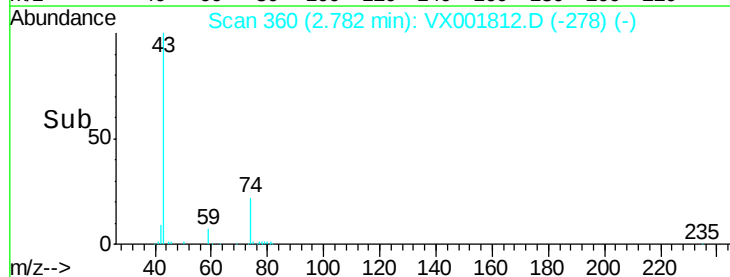
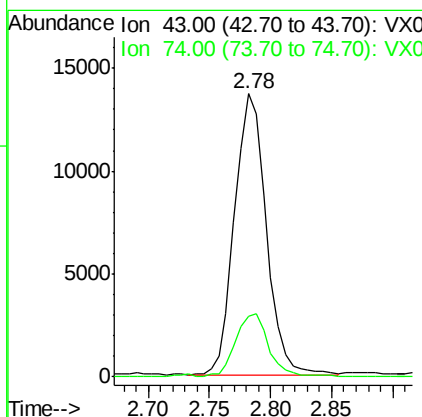
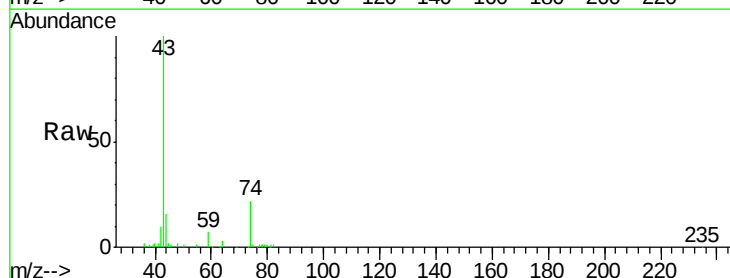
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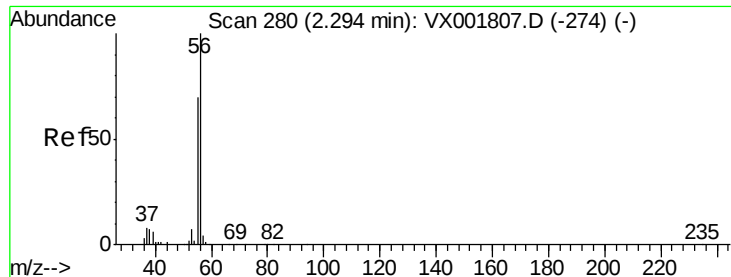
apatel
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#12
Methyl Acetate
Concen: 4.80 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001812.D
Acq: 18 May 2018 07:20

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.4	18.2	27.4





#13

Acrolein

Concen: 27.18 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX001812.D

Acq: 18 May 2018 07:20

Instrument :

MSVOA_X

ClientSampleId :

LOQ-NPW-Precision-Bias-1

Tot Ion: 56 Resp: 16703

Ion Ratio Lower Upper

56 100

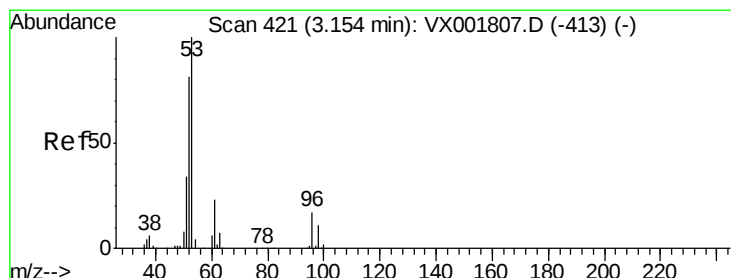
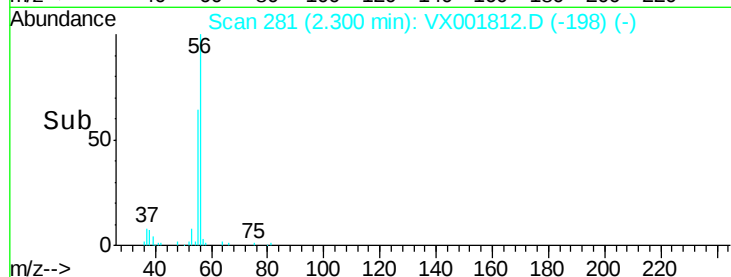
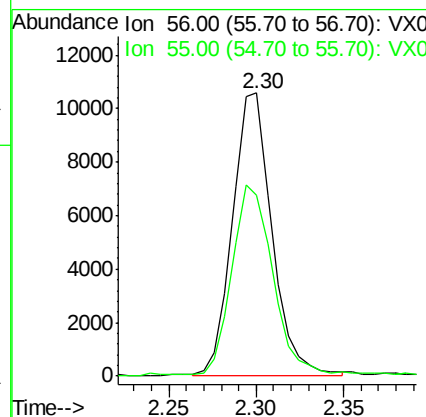
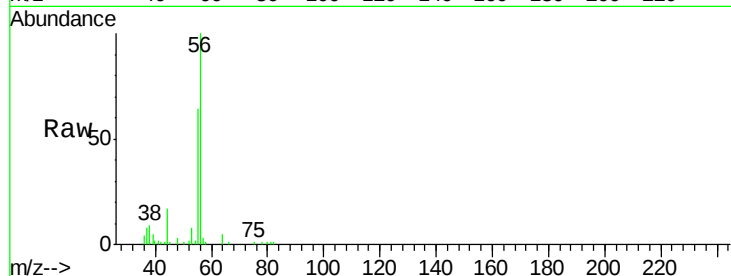
55 68.0 56.0 84.0

Manual Integrations

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#14

Acrylonitrile

Concen: 24.26 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001812.D

Acq: 18 May 2018 07:20

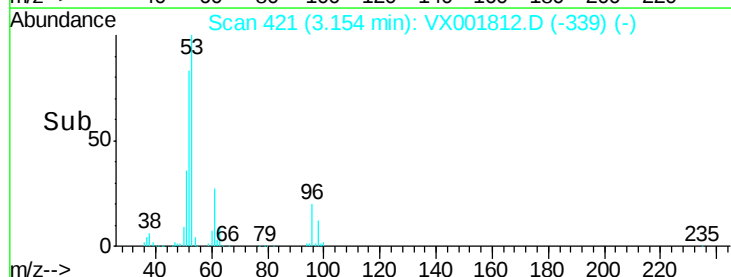
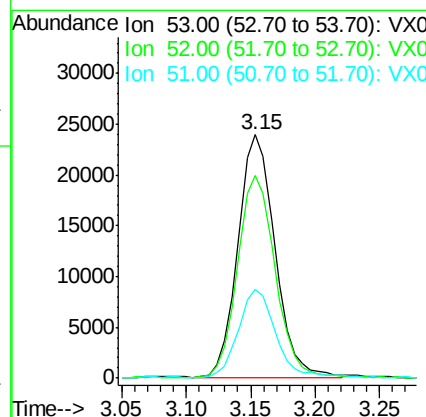
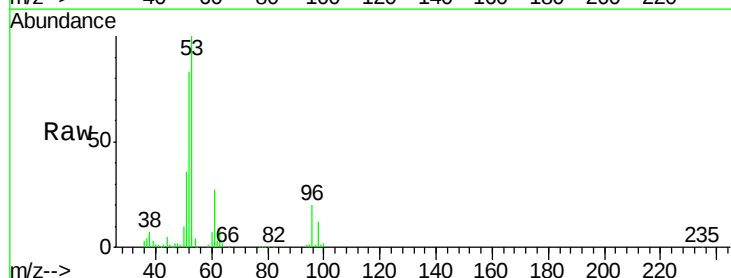
Tgt Ion: 53 Resp: 47559

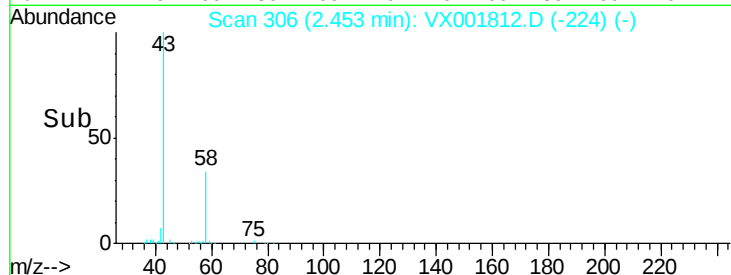
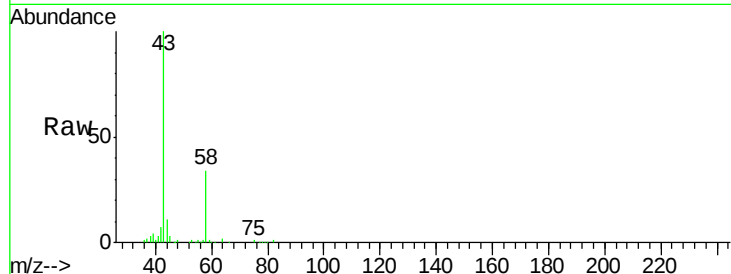
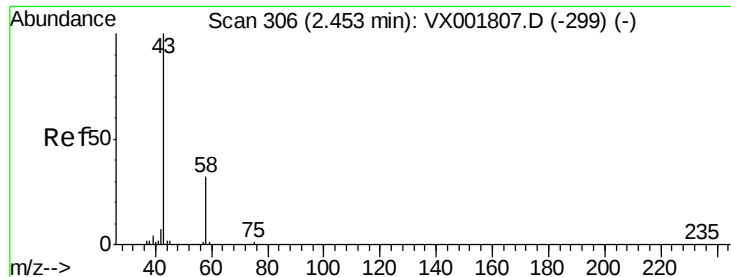
Ion Ratio Lower Upper

53 100

52 85.9 40.7 122.1

51 38.0 17.4 52.3





#15

Acetone

Concen: 25.73 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001812.D

Acq: 18 May 2018 07:20

Tot Ion: 58 Resp: 13770

Ion Ratio Lower Upper

58 100

43 294.7 252.1 378.1

Instrument :

MSVOA_X

ClientSampleId :

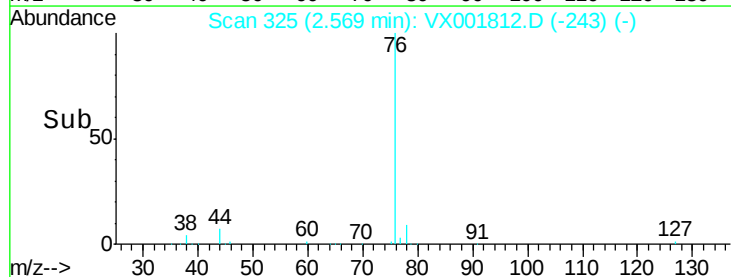
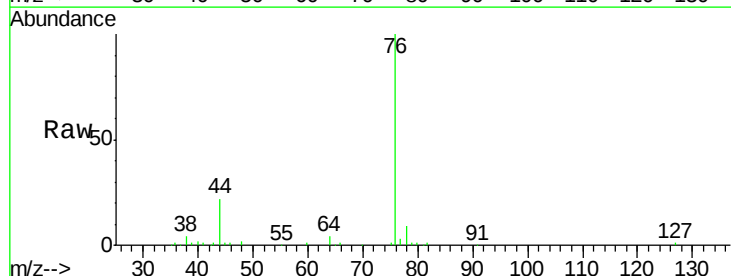
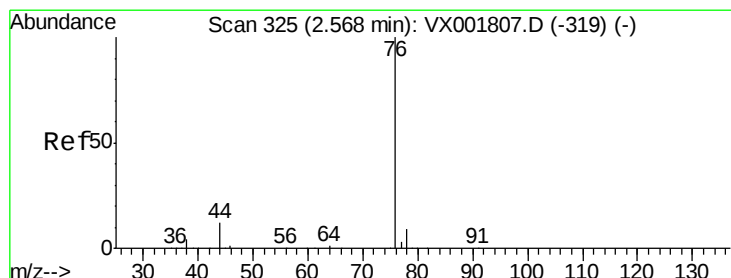
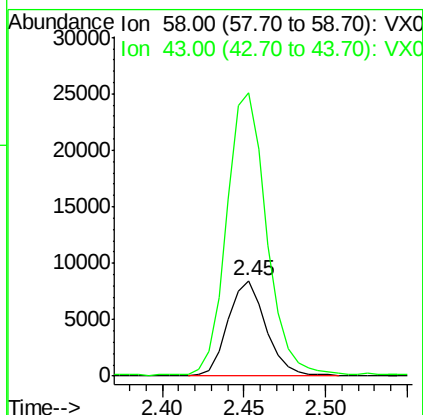
LOQ-NPW-Precision-Bias-1

Manual Integrations

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#16

Carbon Disulfide

Concen: 4.71 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX001812.D

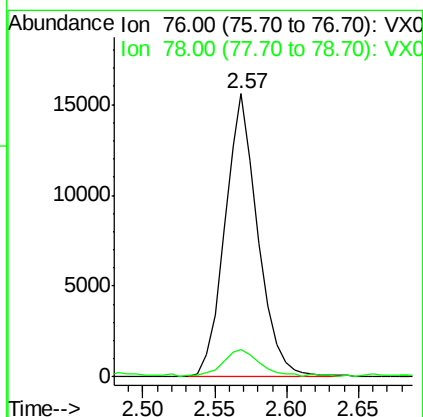
Acq: 18 May 2018 07:20

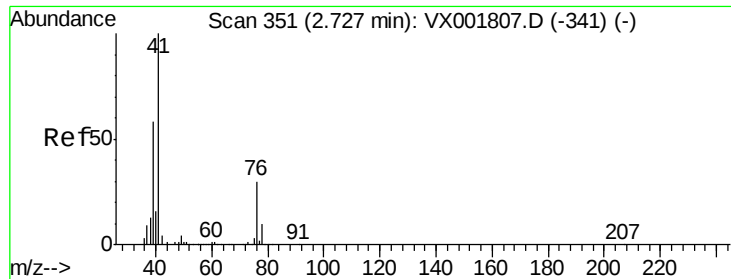
Tgt Ion: 76 Resp: 24964

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3





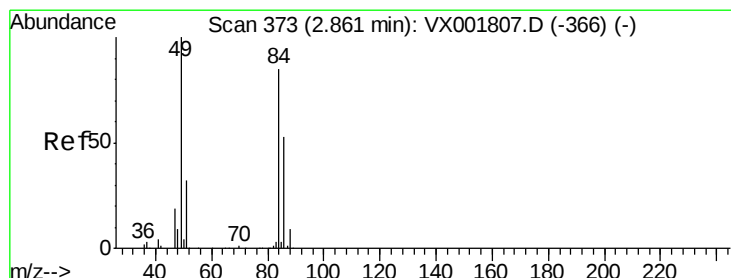
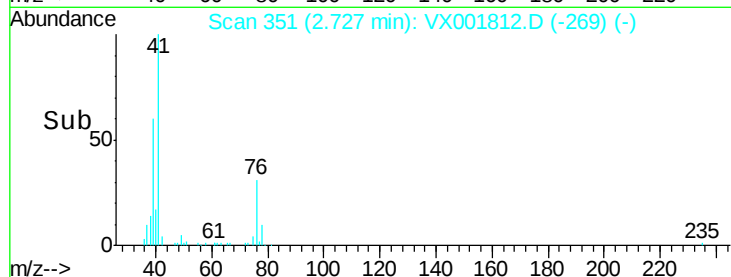
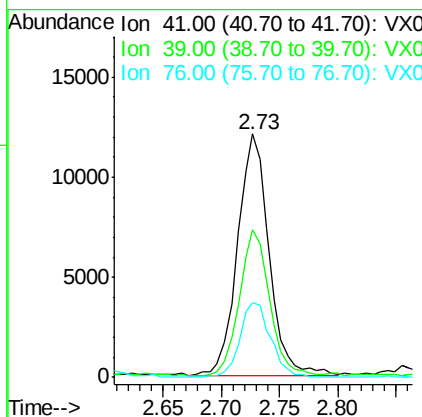
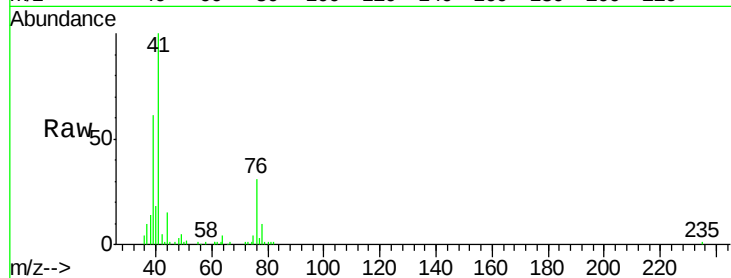
#17
Allvl chloride
Concen: 4.79 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX001812.D
Acq: 18 May 2018 07:20

Instrument :
MSVOA_X
ClientSampleId :
LOQ-NPW-Precision-Bias-1

Tot Ion	Ratio	Lower	Upper
41	100		
39	60.1	29.1	87.3
76	30.8	15.2	45.5

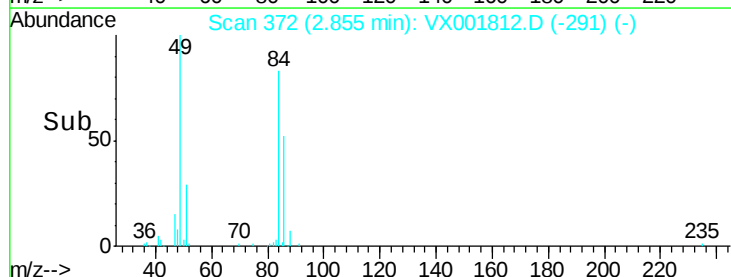
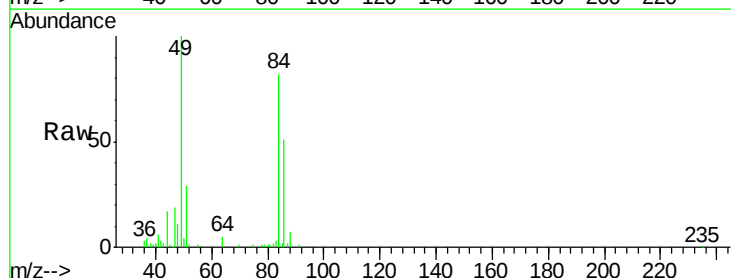
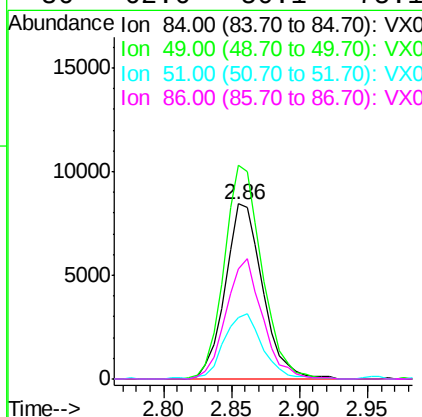
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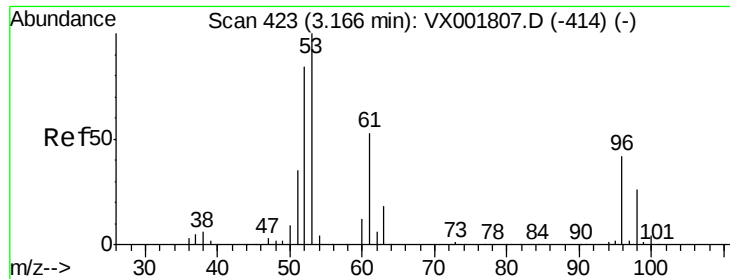
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#18
Methylene Chloride
Concen: 4.96 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX001812.D
Acq: 18 May 2018 07:20

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.8	94.1	141.1
51	35.1	29.8	44.6
86	62.6	50.1	75.1





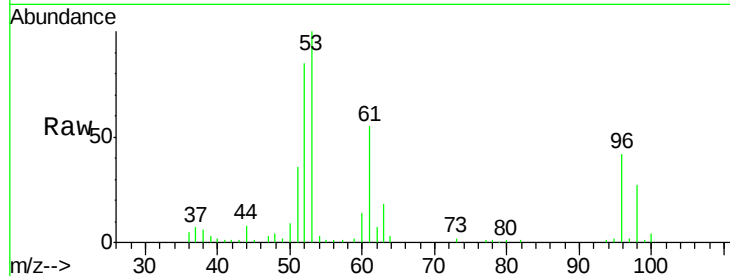
#19
trans-1,2-Dichloroethene
Concen: 4.94 ug/l
RT: 3.17 min Scan# 423
Delta R.T. 0.00 min
Lab File: VX001812.D
Acq: 18 May 2018 07:20

Instrument :
MSVOA_X
ClientSampleId :
LOQ-NPW-Precision-Bias-1

Tot Ion	Ratio	Lower	Upper
96	100		
61	127.7	102.9	154.3
98	64.7	49.7	74.5

Manual Integrations
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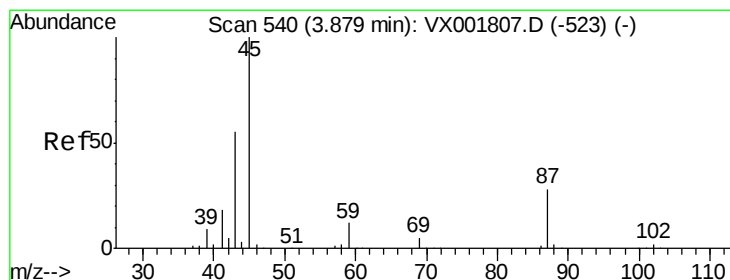
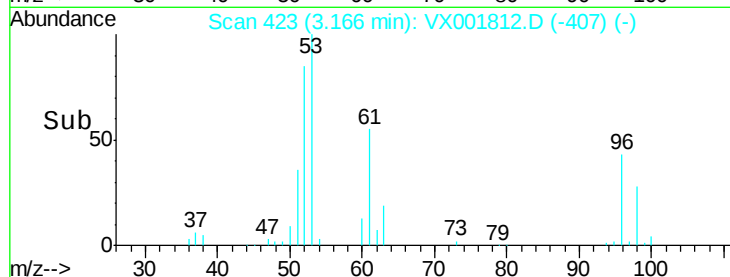
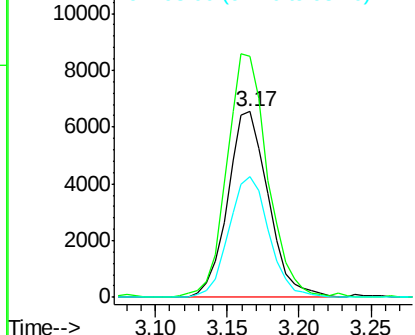


Abundance

Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20
Diisopropyl ether
Concen: 4.55 ug/l
RT: 3.88 min Scan# 540
Delta R.T. 0.00 min
Lab File: VX001812.D
Acq: 18 May 2018 07:20

Tgt Ion	Ratio	Lower	Upper
45	100		
43	54.6	44.2	66.2
87	25.8	22.4	33.6
59	10.5	9.4	14.0

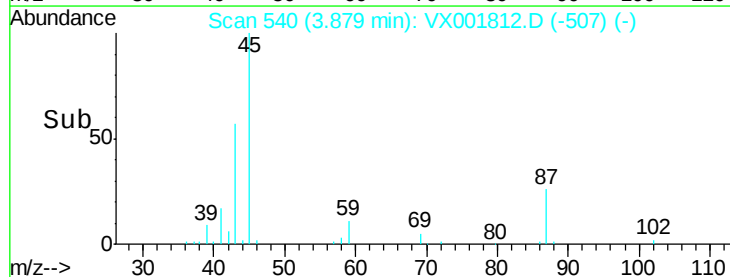
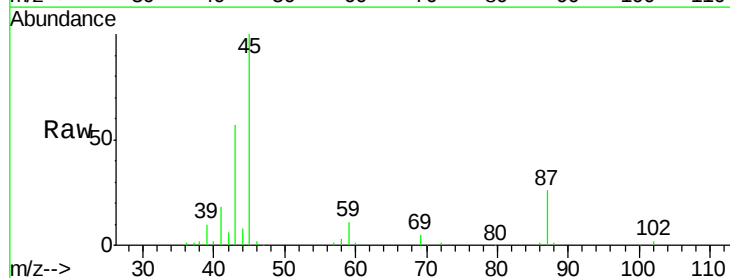
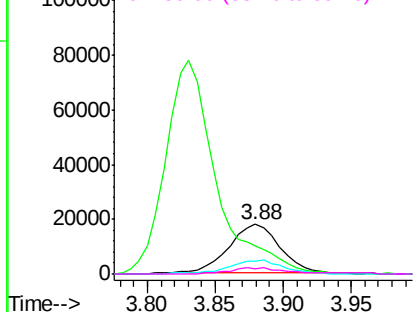
Abundance

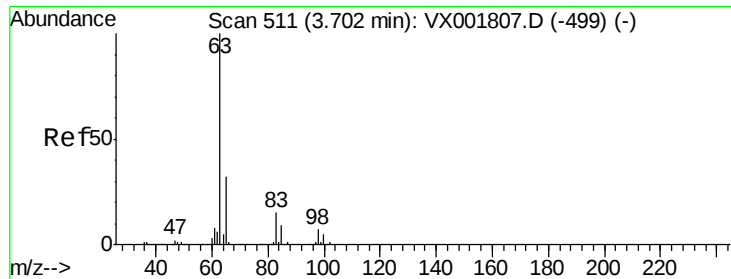
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#21

1,1-Dichloroethane

Concen: 5.04 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001812.D

Acq: 18 May 2018 07:20

Instrument :

MSVOA_X

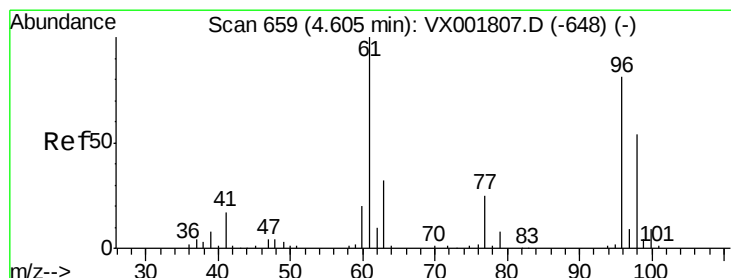
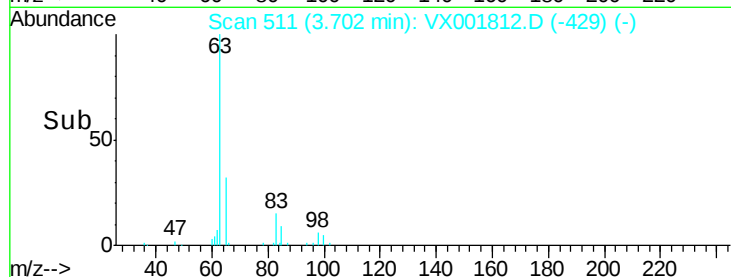
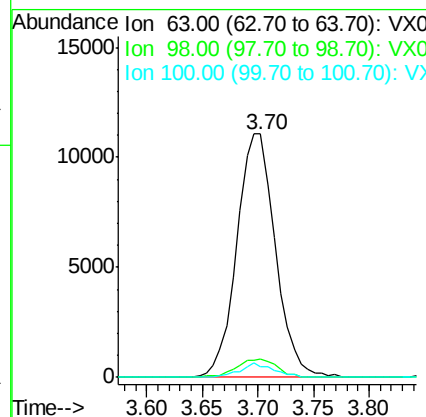
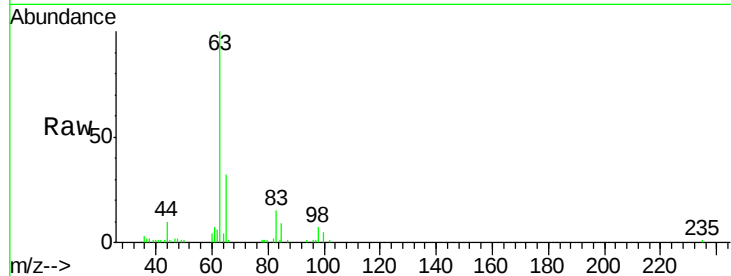
ClientSampleId :

LOQ-NPW-Precision-Bias-1

Tot Ion:	63	Resp:	26626
Ion	Ratio	Lower	Upper
63	100		
98	7.4	3.7	11.1
100	4.6	2.5	7.6

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#22

cis-1,2-Dichloroethene

Concen: 4.98 ug/l

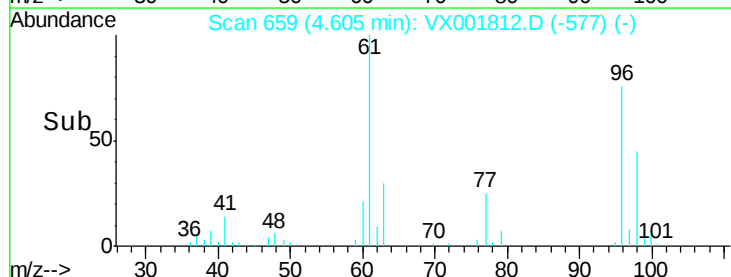
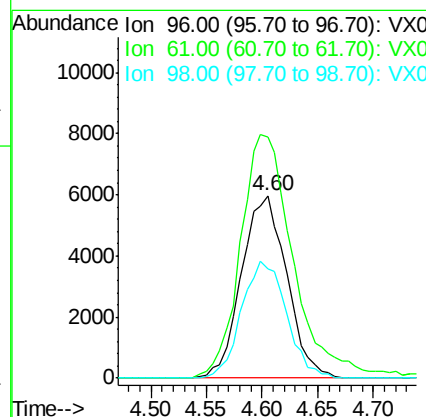
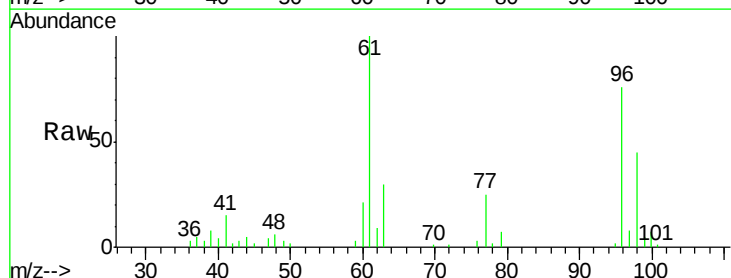
RT: 4.60 min Scan# 659

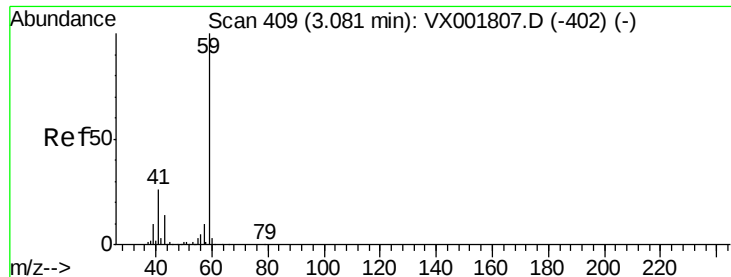
Delta R.T. 0.00 min

Lab File: VX001812.D

Acq: 18 May 2018 07:20

Tgt Ion:	96	Resp:	16871
Ion	Ratio	Lower	Upper
96	100		
61	154.5	105.9	158.9
98	63.5	51.5	77.3





#23

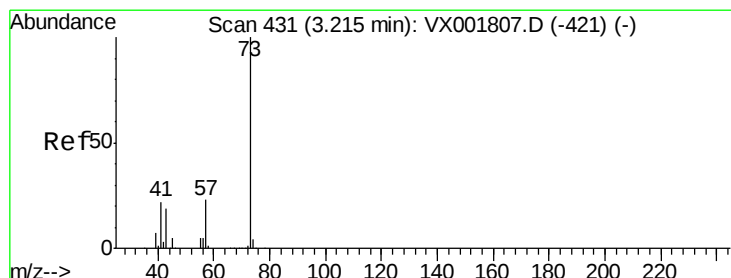
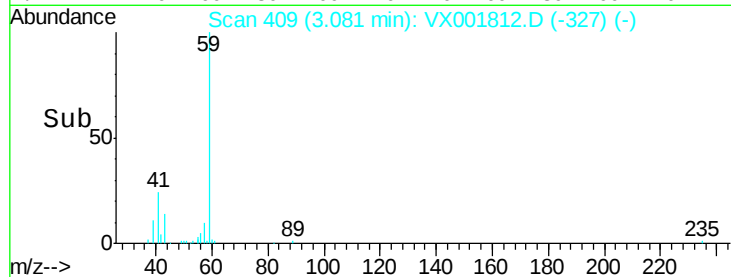
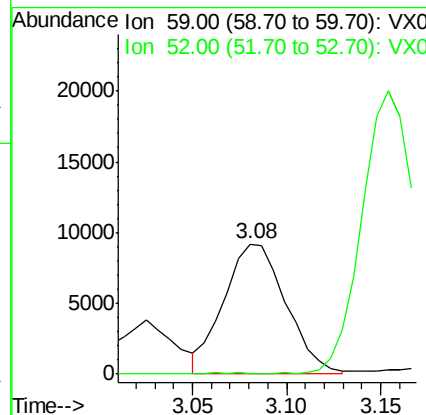
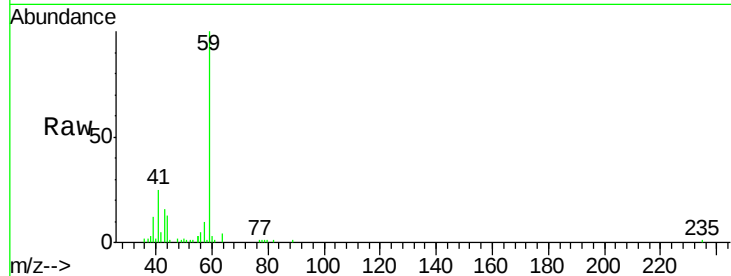
tert-Butyl Alcohol
 Concen: 25.81 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: VX001812.D
 Acq: 18 May 2018 07:20

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-NPW-Precision-Bias-1

Tot Ion: 59 Resp: 21030
 Ion Ratio Lower Upper
 59 100
 52 0.4 0.1 0.1#

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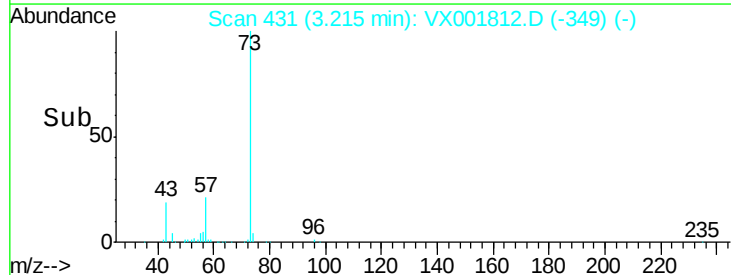
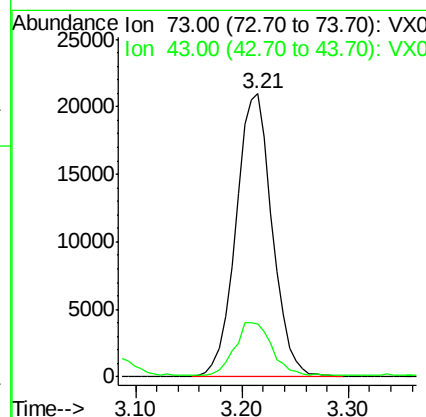
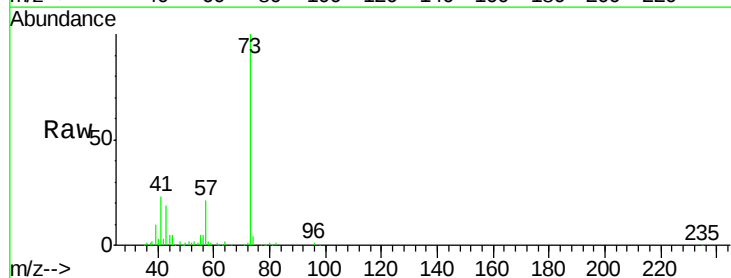
apatel
 5/21/2018 5:40:05 PM

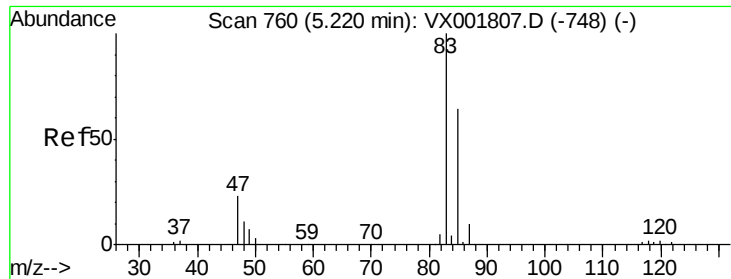


#24

Methyl tert-Butyl Ether
 Concen: 4.96 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. 0.00 min
 Lab File: VX001812.D
 Acq: 18 May 2018 07:20

Tgt Ion: 73 Resp: 50016
 Ion Ratio Lower Upper
 73 100
 43 19.3 15.2 22.8





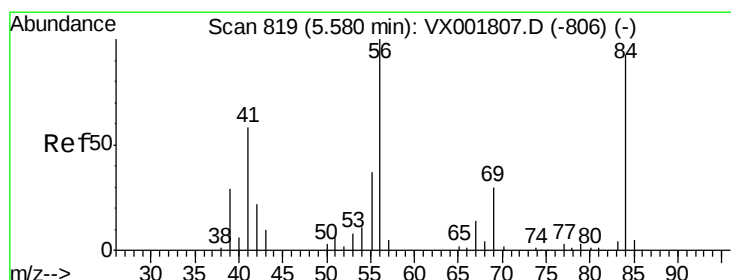
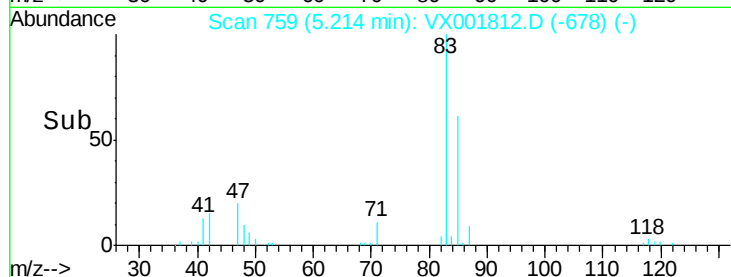
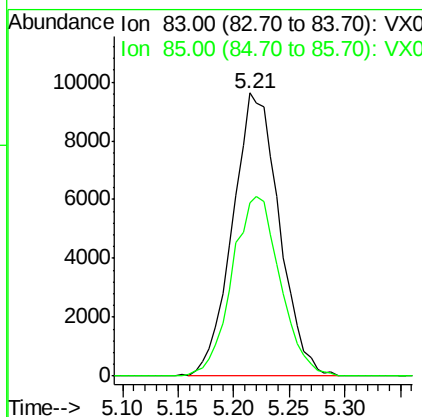
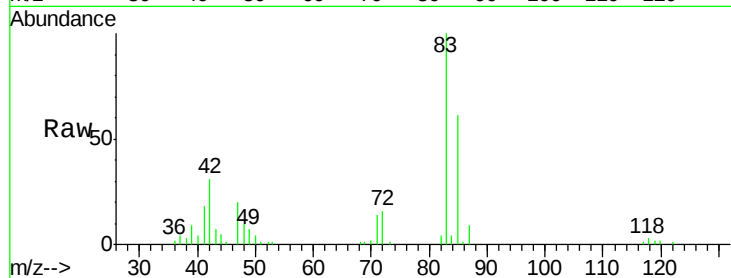
#25
Chloroform
Concen: 4.99 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX001812.D
Acq: 18 May 2018 07:20

Instrument :
MSVOA_X
ClientSampleId :
LOQ-NPW-Precision-Bias-1

Tot Ion: 83 Resp: 28067
Ion Ratio Lower Upper
83 100
85 61.4 51.6 77.4

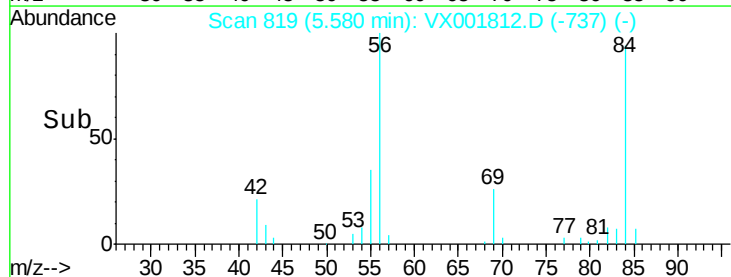
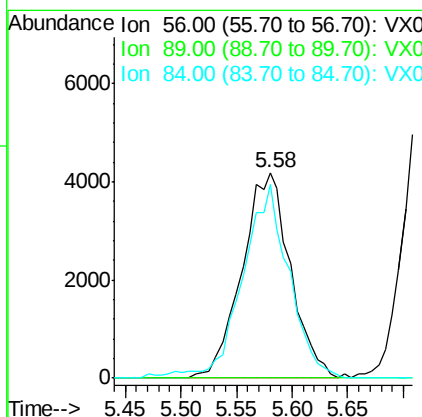
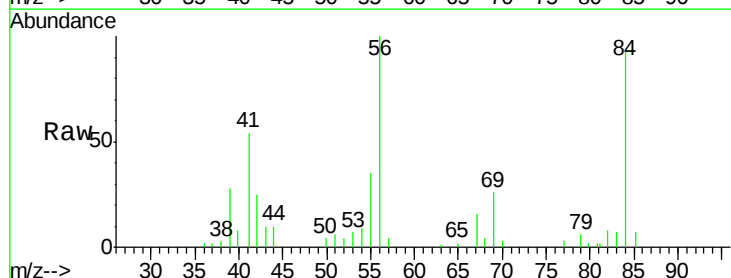
Manual Integrations
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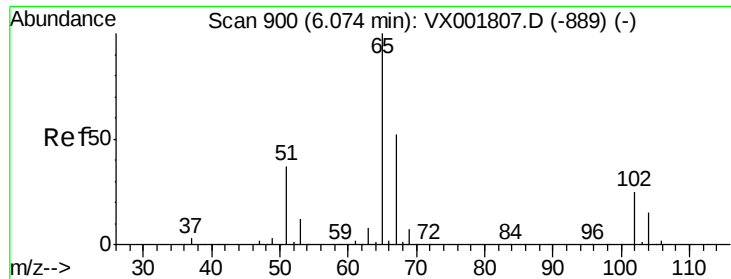
apatel
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#26
Cyclohexane
Concen: 4.40 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.00 min
Lab File: VX001812.D
Acq: 18 May 2018 07:20

Tgt Ion: 56 Resp: 12632
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 89.5 73.8 110.8





#27

1,2-Dichloroethane-d4

Concen: 30.69 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001812.D

Acq: 18 May 2018 07:20

Tot Ion: 65 Resp: 119142

Ion Ratio Lower Upper

65 100

67 51.6 42.1 63.1

Instrument :

MSVOA_X

ClientSampled :

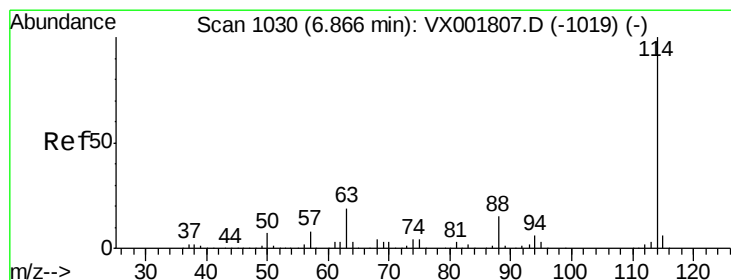
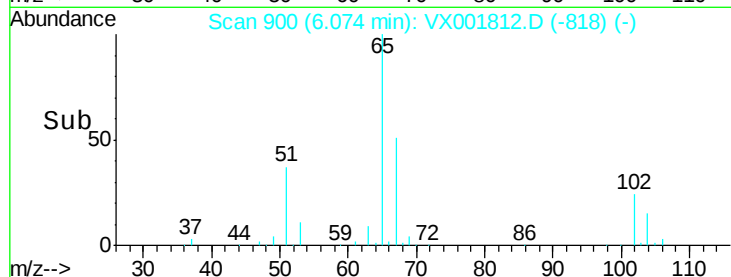
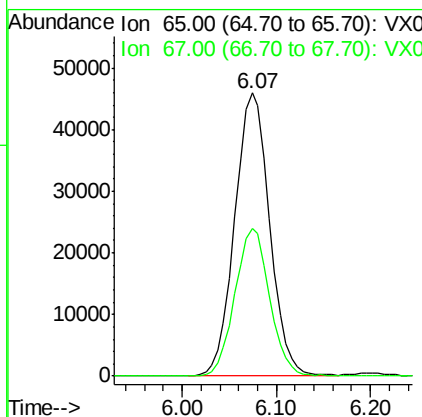
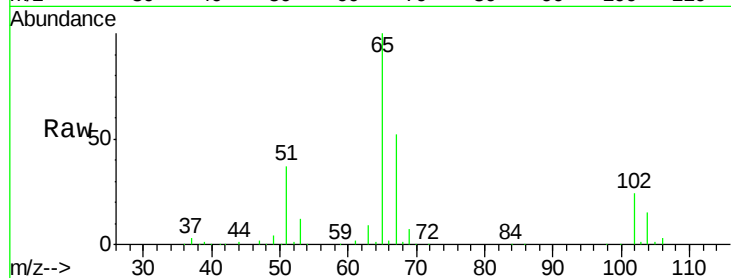
LOQ-NPW-Precision-Bias-1

Manual Integrations

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#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001812.D

Acq: 18 May 2018 07:20

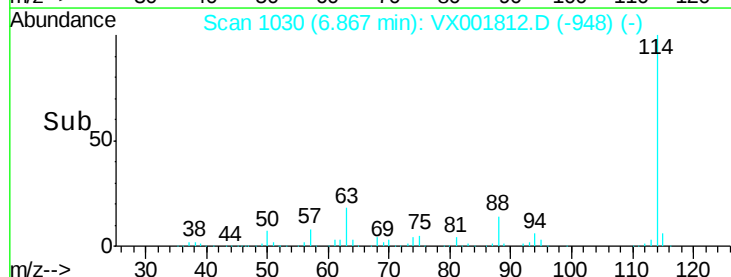
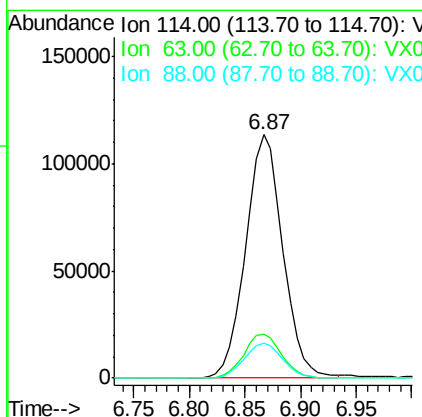
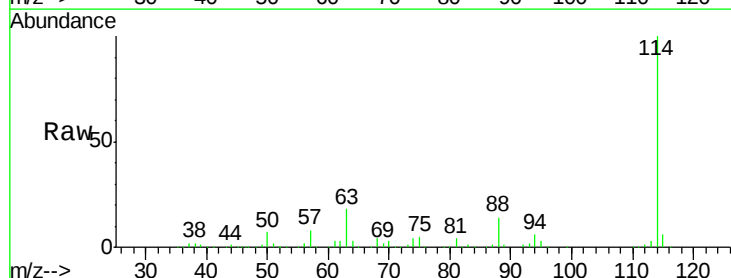
Tgt Ion: 114 Resp: 263942

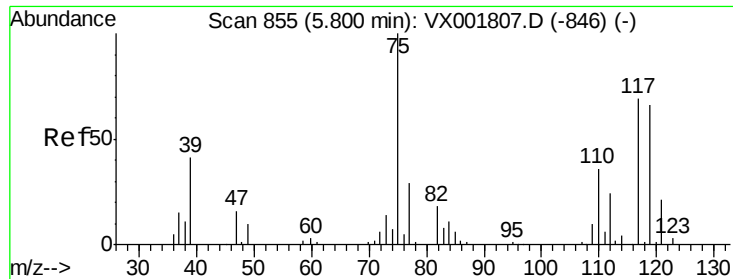
Ion Ratio Lower Upper

114 100

63 18.5 14.9 22.3

88 15.1 11.8 17.8





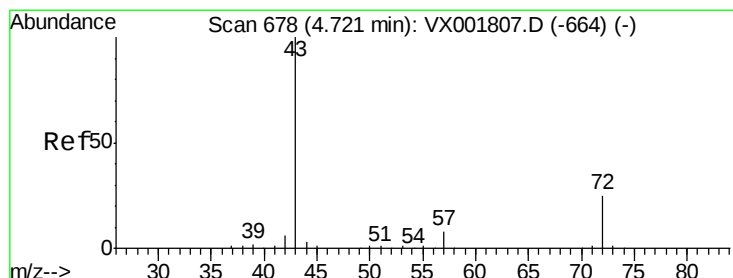
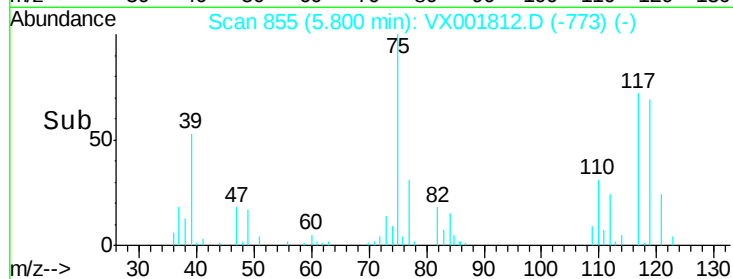
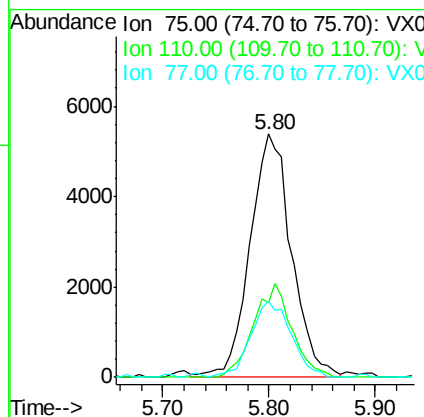
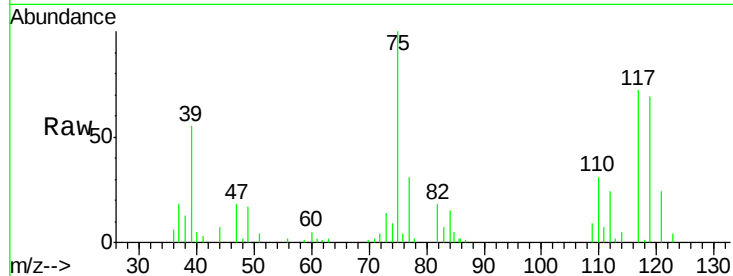
#29
 1,1-Dichloropropene
 Concen: 4.91 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX001812.D
 Acq: 18 May 2018 07:20

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-NPW-Precision-Bias-1

Tot Ion	Ratio	Lower	Upper
75	100		
110	35.4	0.0	75.2
77	30.6	0.0	61.6

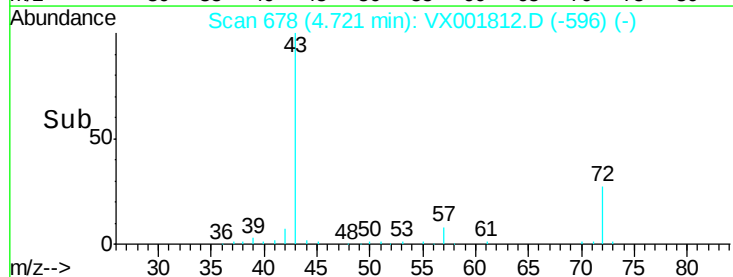
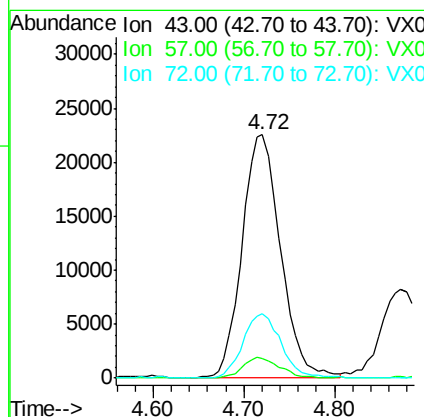
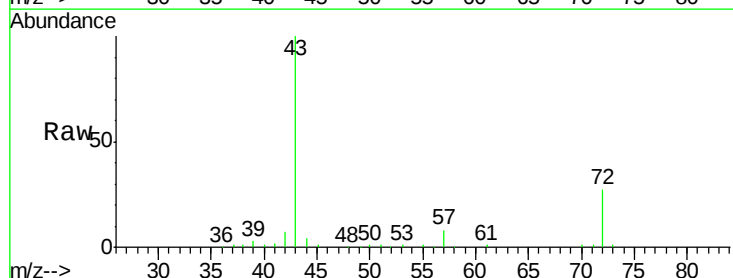
Manual Integrations
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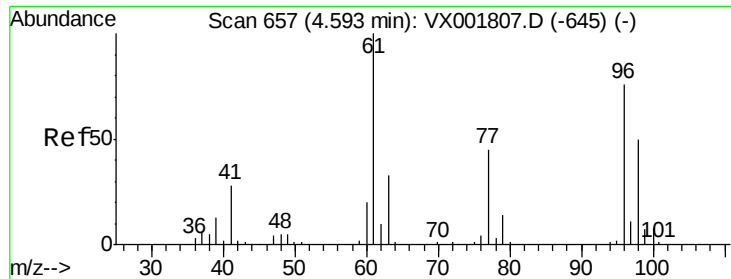
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#30
 2-Butanone
 Concen: 24.64 ug/l
 RT: 4.72 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: VX001812.D
 Acq: 18 May 2018 07:20

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.2	6.4	9.6
72	25.9	20.6	30.8





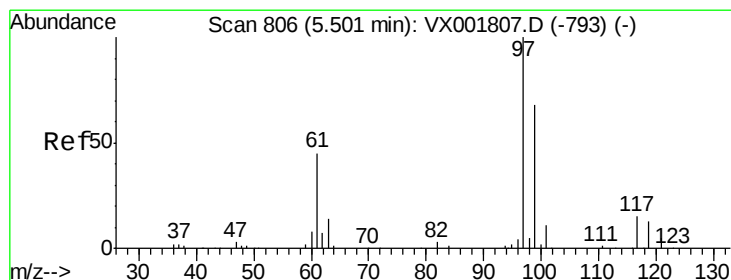
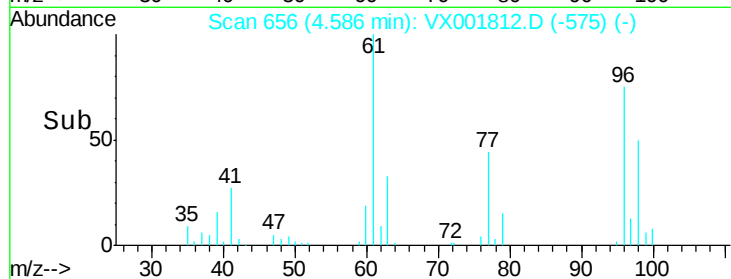
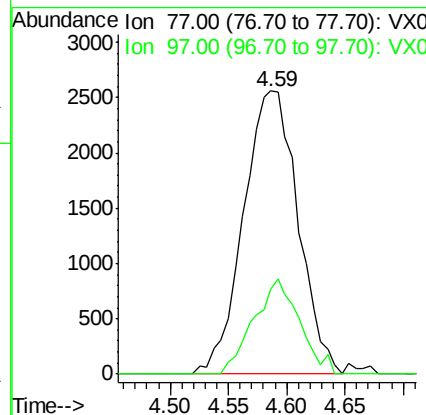
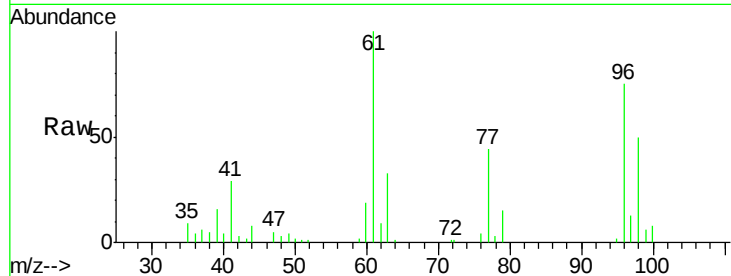
#31
 2,2-Dichloropropane
 Concen: 4.40 ug/l
 RT: 4.59 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: VX001812.D
 Acq: 18 May 2018 07:20

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-NPW-Precision-Bias-1

Tot Ion: 77 Resp: 8331
 Ion Ratio Lower Upper
 77 100
 97 27.5 22.3 33.5

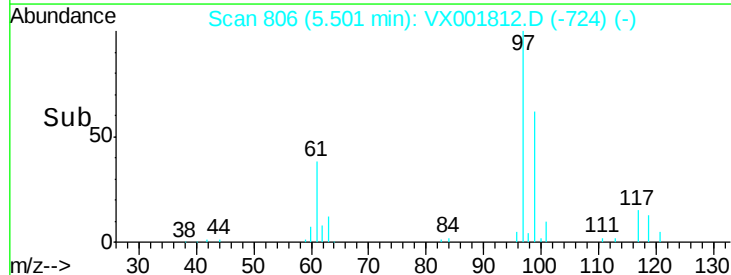
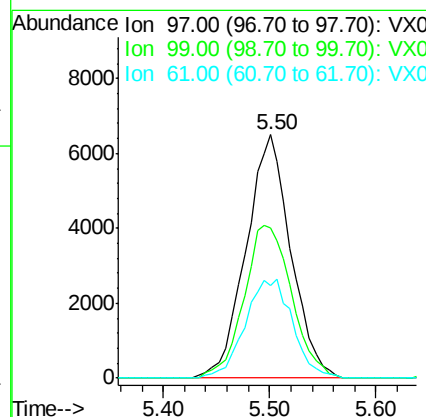
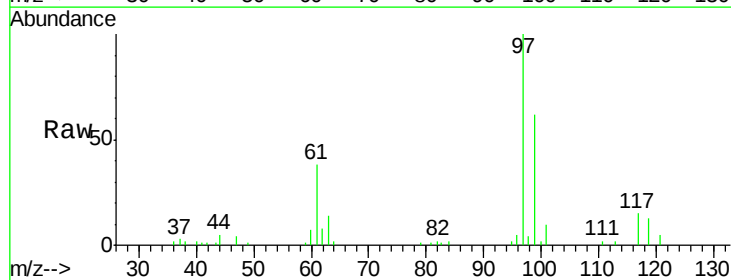
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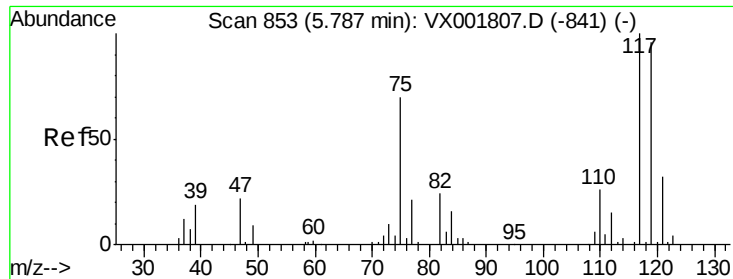
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#32
 1,1,1-Trichloroethane
 Concen: 4.81 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX001812.D
 Acq: 18 May 2018 07:20

Tgt Ion: 97 Resp: 19078
 Ion Ratio Lower Upper
 97 100
 99 66.9 52.4 78.6
 61 43.2 34.6 51.8





#33

Carbon Tetrachloride

Concen: 4.60 ug/l

RT: 5.78 min Scan# 852

Delta R.T. -0.01 min

Lab File: VX001812.D

Acq: 18 May 2018 07:20

Instrument :

MSVOA_X

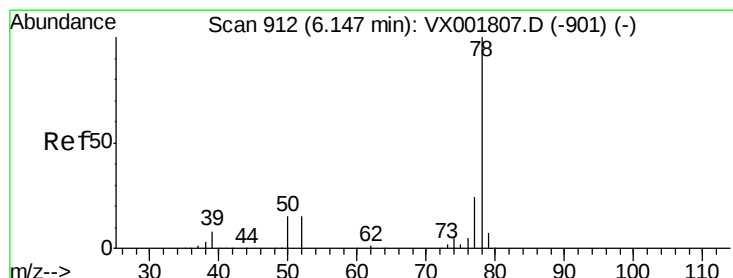
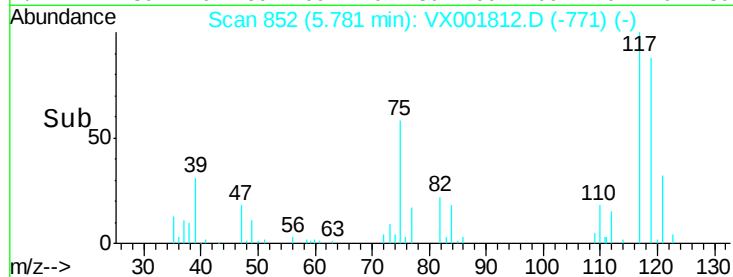
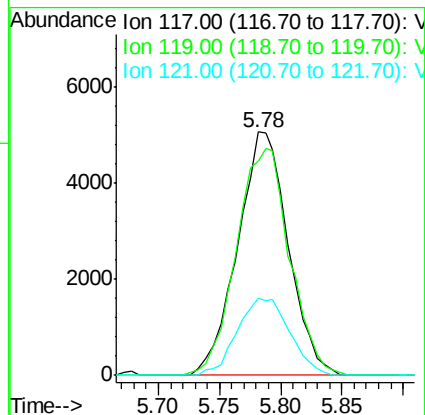
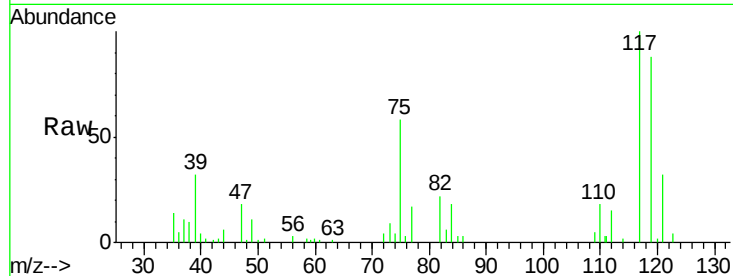
ClientSampleId :

LOQ-NPW-Precision-Bias-1

Tot Ion:	117	Resp:	14590
Ion	Ratio	Lower	Upper
117	100		
119	87.0	76.4	114.6
121	31.6	25.3	37.9

Manual Integrations
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#34

Benzene

Concen: 4.89 ug/l

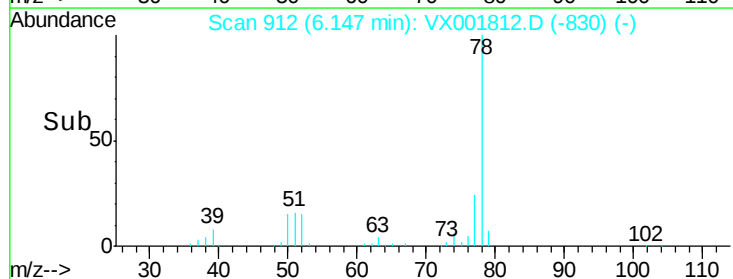
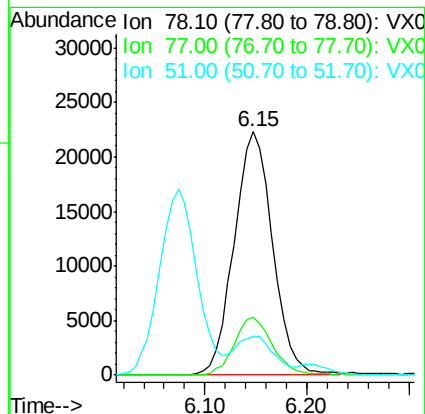
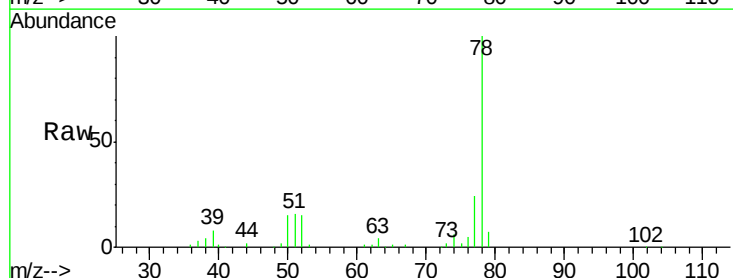
RT: 6.15 min Scan# 912

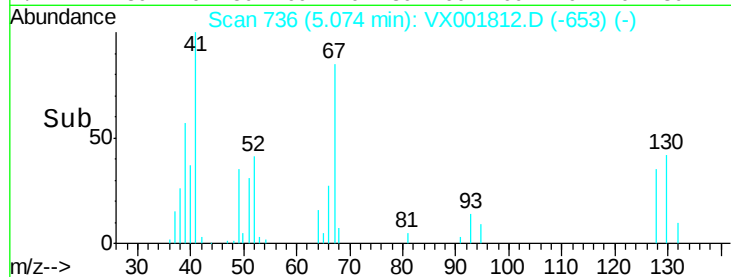
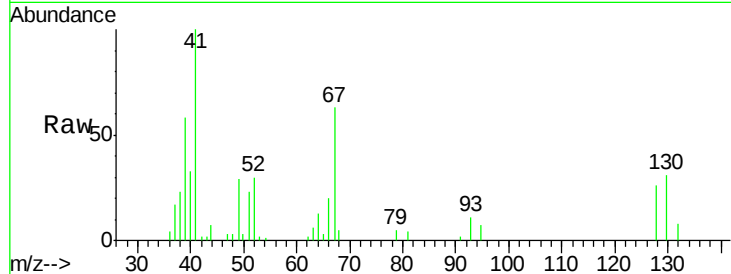
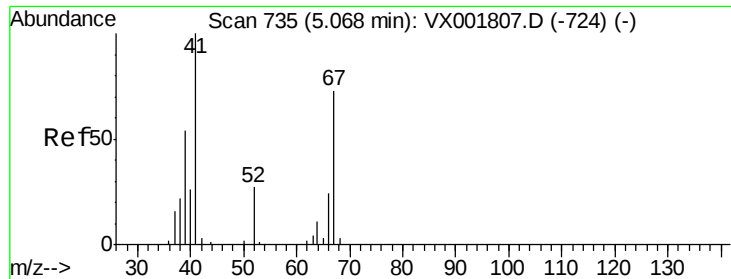
Delta R.T. 0.00 min

Lab File: VX001812.D

Acq: 18 May 2018 07:20

Tgt Ion:	78	Resp:	58521
Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.4	29.0
51	14.8	13.2	19.8





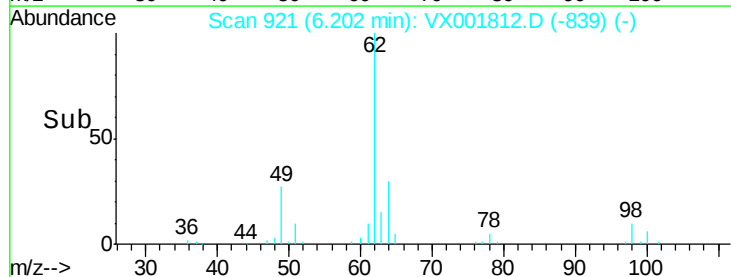
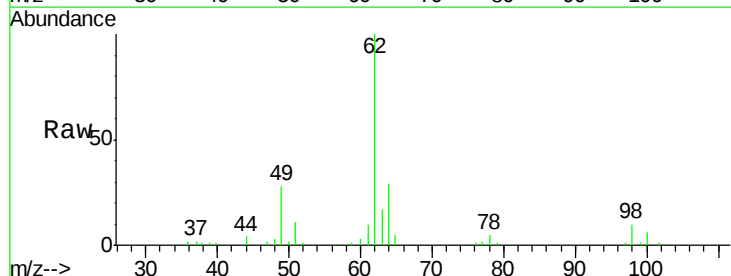
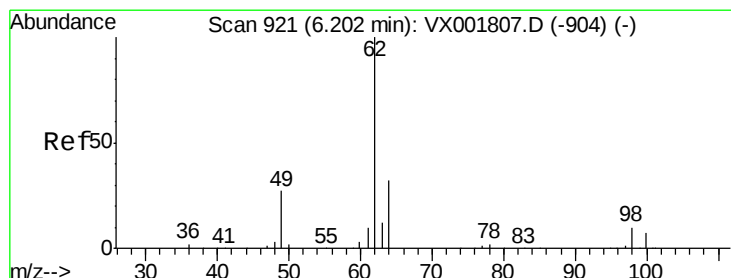
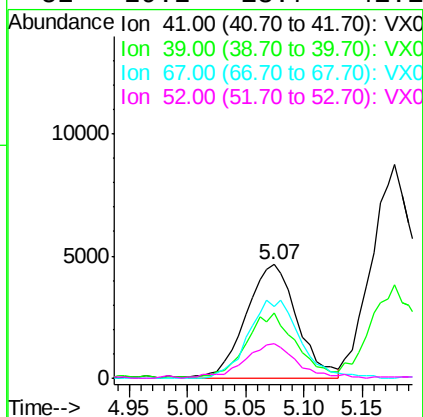
#35
Methacrylonitrile
Concen: 4.92 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001812.D
Acq: 18 May 2018 07:20

Tot Ion:	41	Resp:	14140
Ion Ratio	Lower	Upper	
41	100		
39	57.0	26.9	80.6
67	63.7	36.8	110.3
52	29.2	13.7	41.1

Instrument :
MSVOA_X
ClientSampleId :
LOQ-NPW-Precision-Bias-1

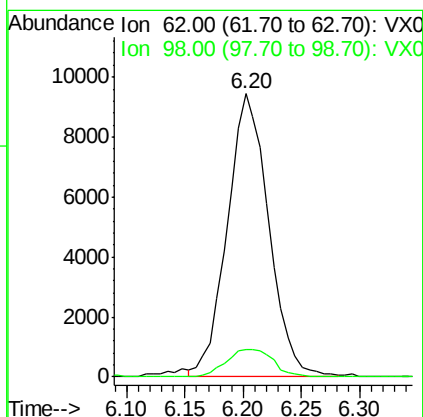
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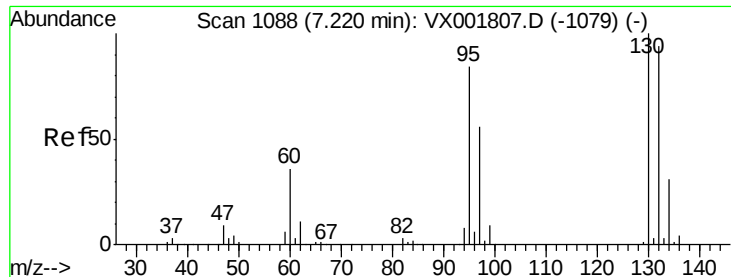
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#36
1,2-Dichloroethane
Concen: 5.01 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001812.D
Acq: 18 May 2018 07:20

Tgt Ion:	62	Resp:	23438
Ion Ratio	Lower	Upper	
62	100		
98	11.0	8.6	12.8





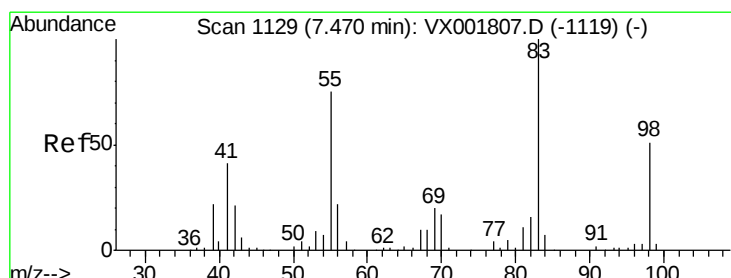
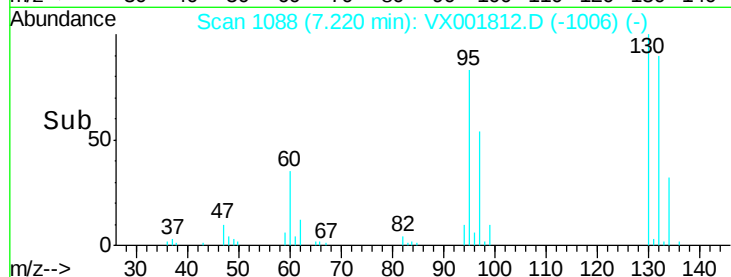
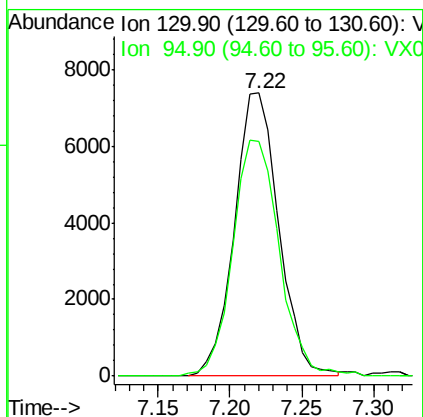
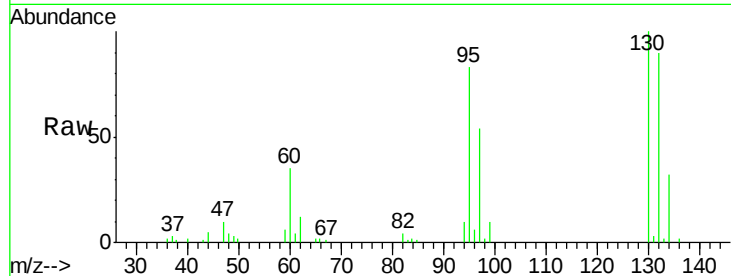
#37
 Trichloroethene
 Concen: 4.83 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001812.D
 Acq: 18 May 2018 07:20

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-NPW-Precision-Bias-1

Tot Ion:130 Resp: 15785
 Ion Ratio Lower Upper
 130 100
 95 82.2 67.1 100.7

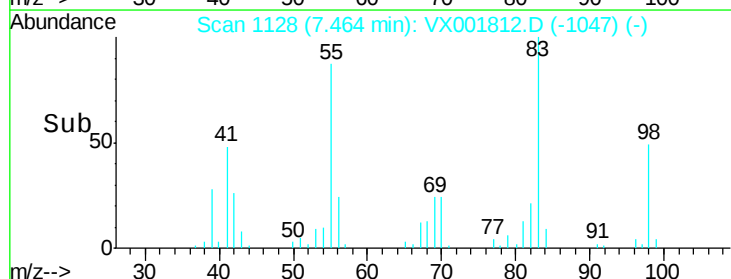
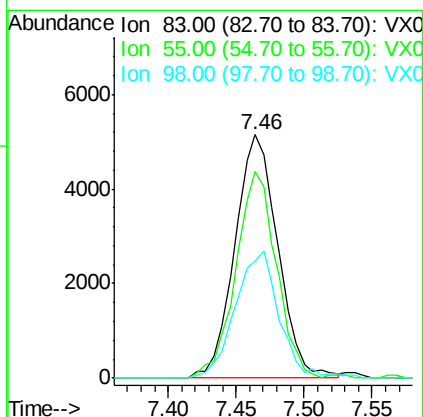
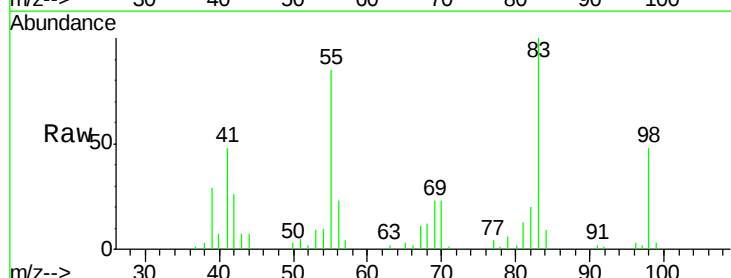
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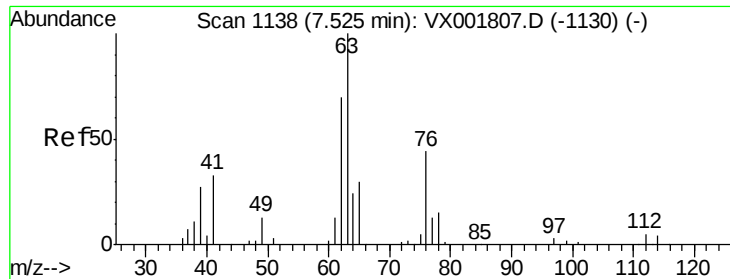
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#38
 Methylcyclohexane
 Concen: 4.11 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: VX001812.D
 Acq: 18 May 2018 07:20

Tgt Ion: 83 Resp: 11353
 Ion Ratio Lower Upper
 83 100
 55 80.1 40.0 119.9
 98 52.4 25.8 77.4





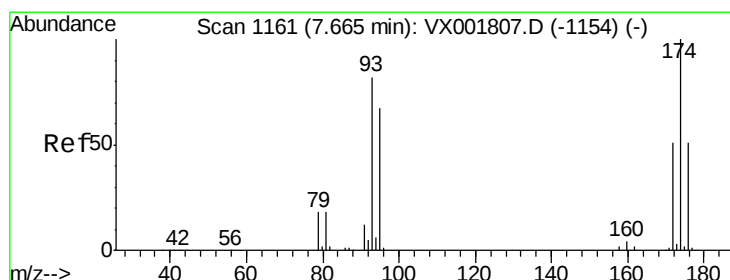
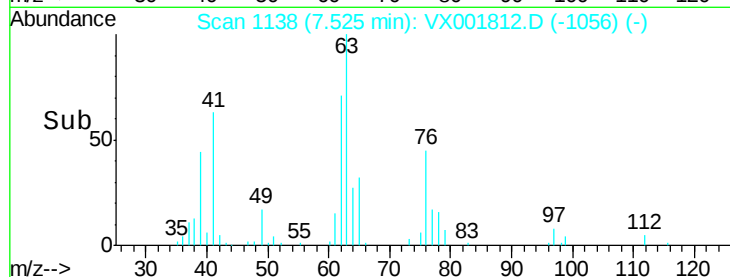
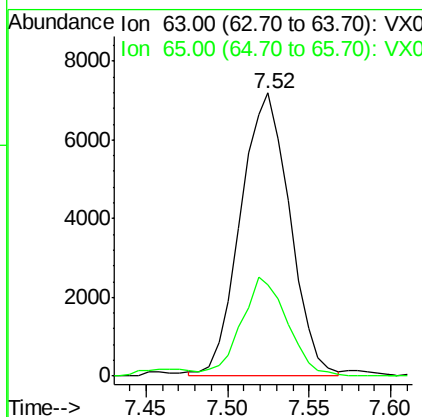
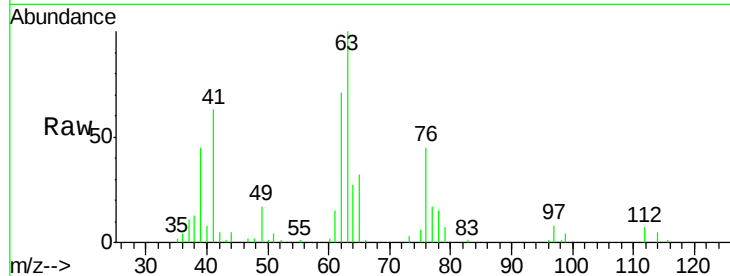
#39
 1,2-Dichloropropane
 Concen: 4.75 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001812.D
 Acq: 18 May 2018 07:20

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-NPW-Precision-Bias-1

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.8	25.0	37.4

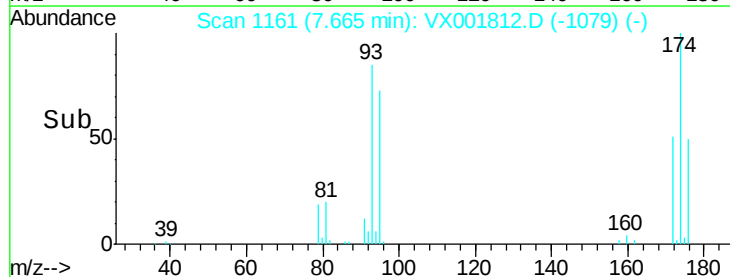
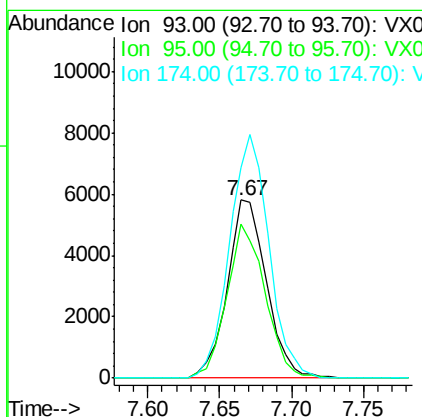
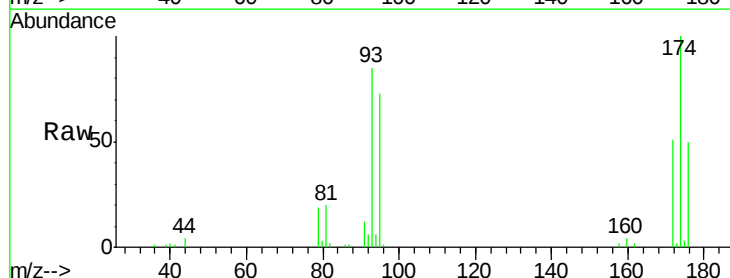
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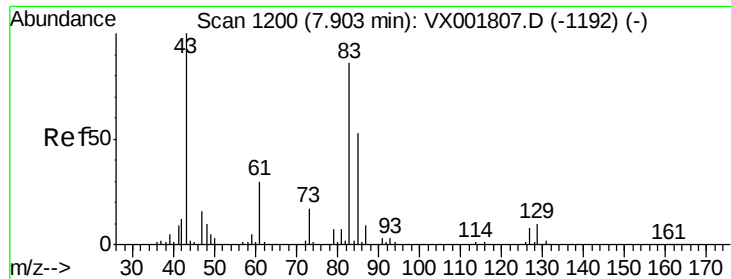
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#40
 Dibromomethane
 Concen: 4.83 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX001812.D
 Acq: 18 May 2018 07:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.8	0.0	167.4
174	136.7	0.0	269.6





#41

Bromodichloromethane

Concen: 4.65 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001812.D

Acq: 18 May 2018 07:20

Instrument :

MSVOA_X

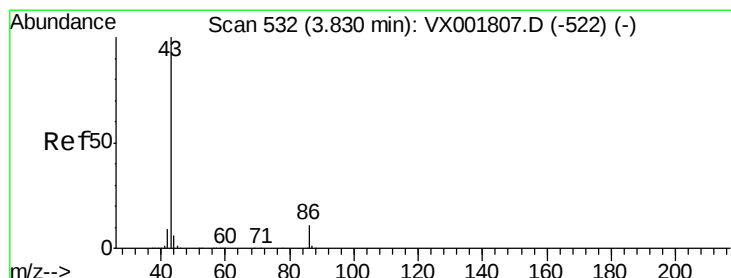
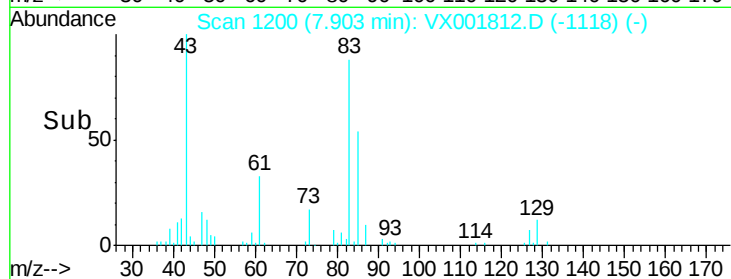
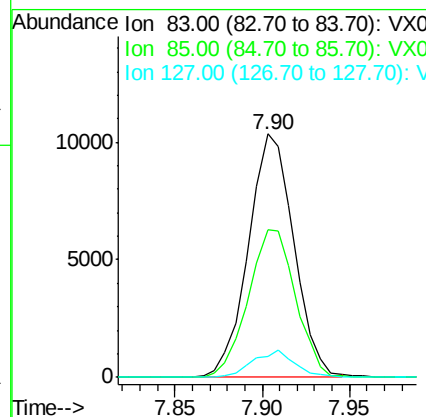
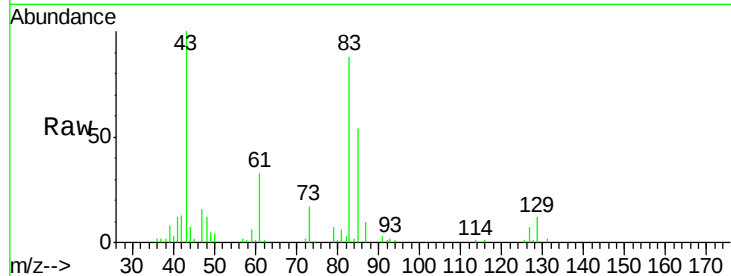
ClientSampleId :

LOQ-NPW-Precision-Bias-1

Tot Ion:	83	Resp:	18721
Ion Ratio	Lower	Upper	
83	100		
85	60.7	49.6	74.4
127	8.4	7.0	10.6

Manual Integrations
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#42

Vinyl Acetate

Concen: 27.76 ug/l

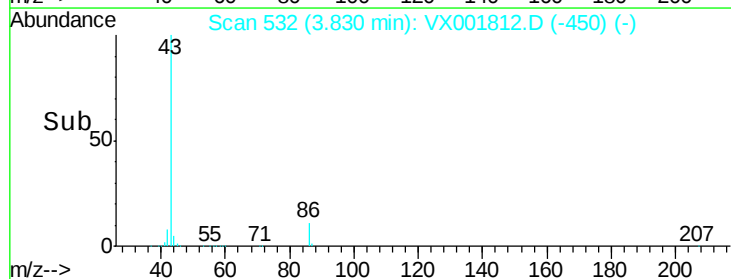
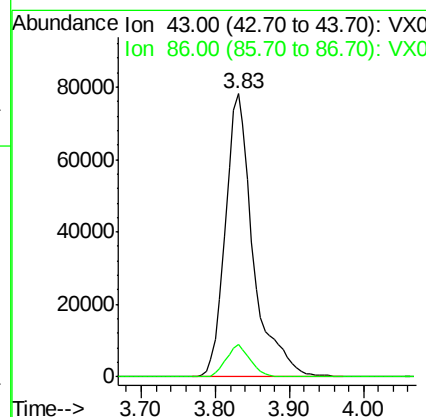
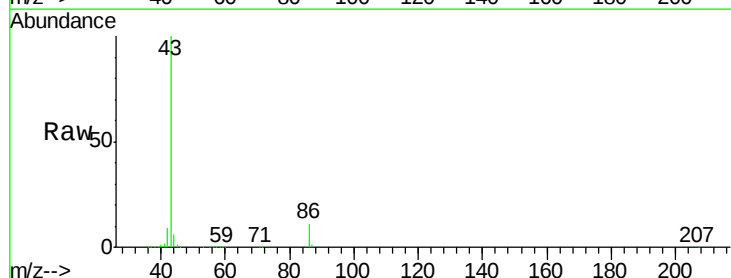
RT: 3.83 min Scan# 532

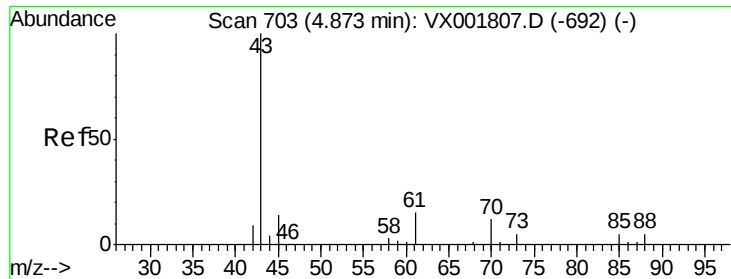
Delta R.T. 0.00 min

Lab File: VX001812.D

Acq: 18 May 2018 07:20

Tgt Ion:	43	Resp:	203079
Ion Ratio	Lower	Upper	
43	100		
86	9.8	7.5	11.3





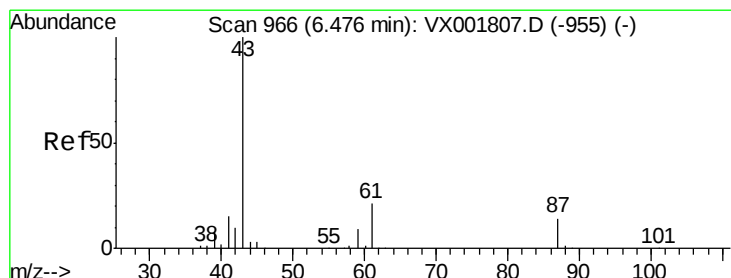
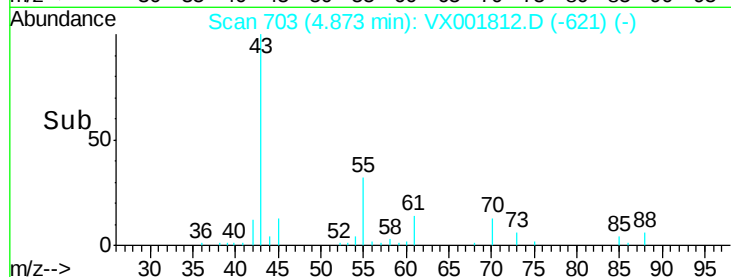
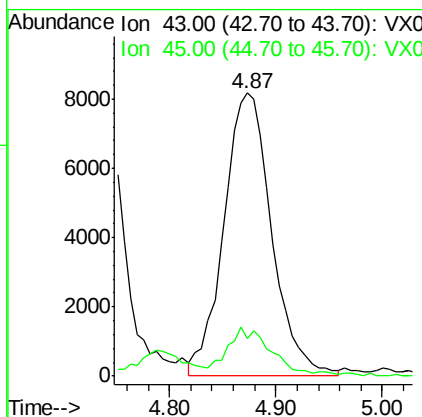
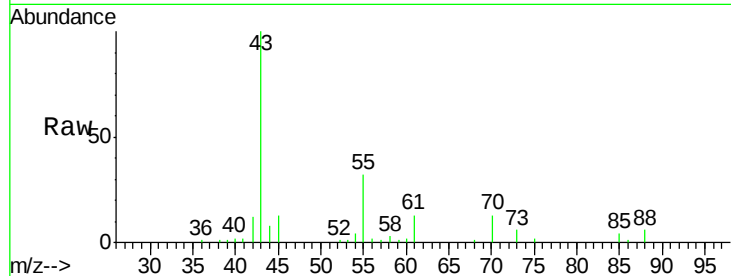
#43
Ethyl Acetate
Concen: 4.99 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX001812.D
Acq: 18 May 2018 07:20

Instrument :
MSVOA_X
ClientSampleId :
LOQ-NPW-Precision-Bias-1

Tot Ion: 43 Resp: 25673
Ion Ratio Lower Upper
43 100
45 5.5 11.8 17.6#

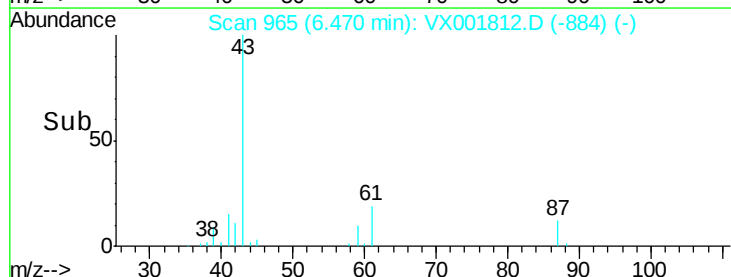
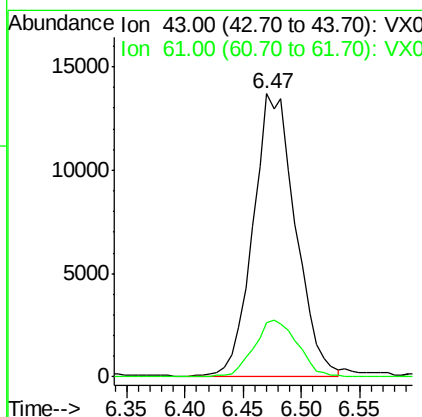
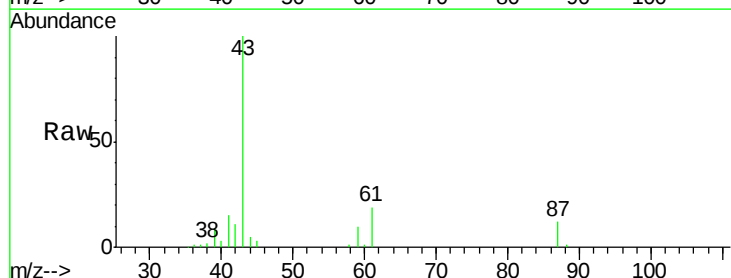
Manual Integrations
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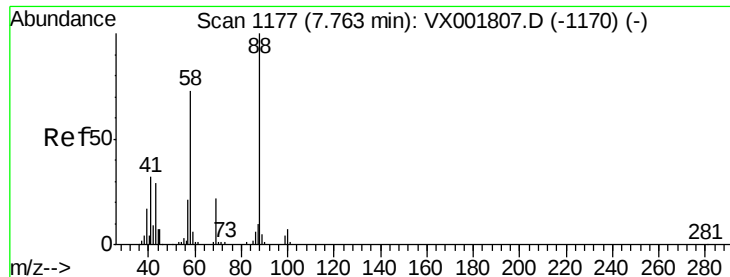
apatel
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#44
Isopropyl Acetate
Concen: 4.68 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.01 min
Lab File: VX001812.D
Acq: 18 May 2018 07:20

Tgt Ion: 43 Resp: 34891
Ion Ratio Lower Upper
43 100
61 20.7 16.6 24.8





#45

1,4-Dioxane

Concen: 93.93 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VX001812.D

Acq: 18 May 2018 07:20

Instrument :

MSVOA_X

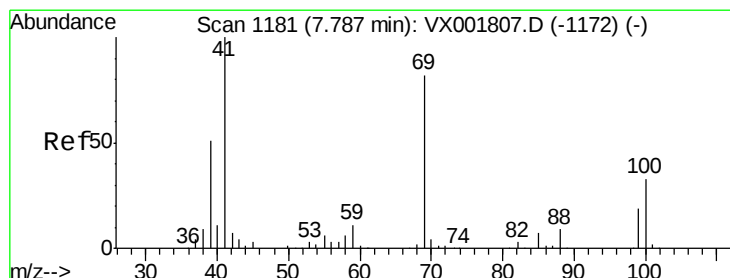
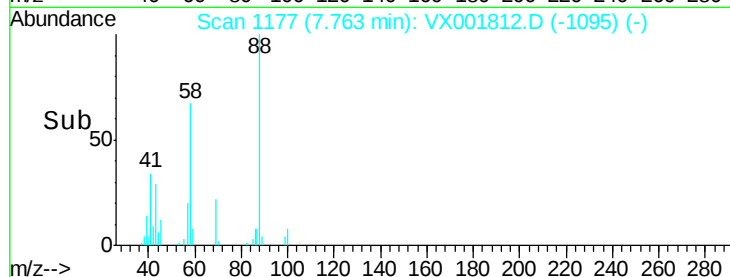
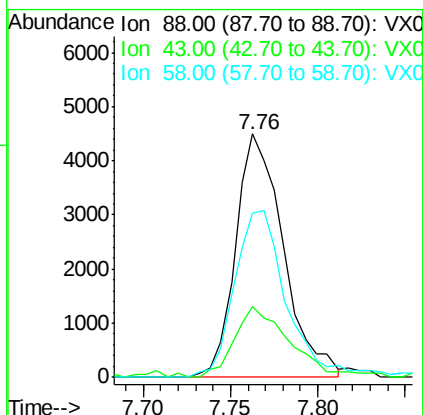
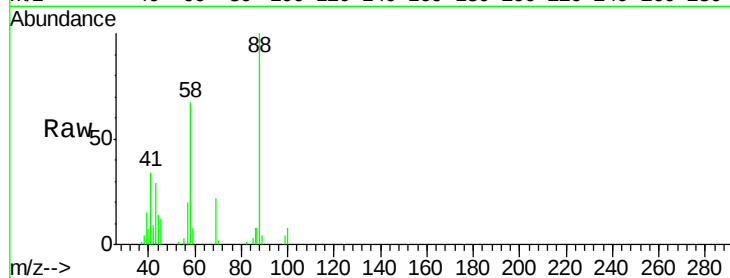
ClientSampleId :

LOQ-NPW-Precision-Bias-1

Tot Ion:	88	Resp:	8571
Ion	Ratio	Lower	Upper
88	100		
43	32.6	25.0	37.6
58	73.5	56.9	85.3

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#46

Methyl methacrylate

Concen: 4.55 ug/l

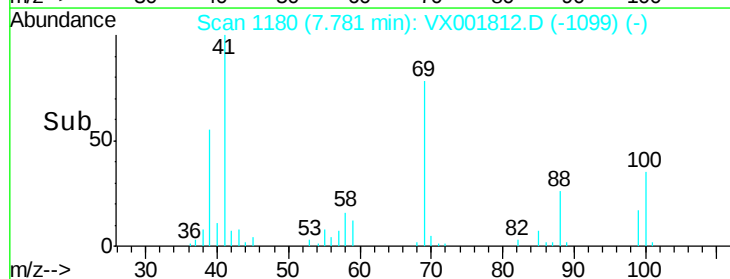
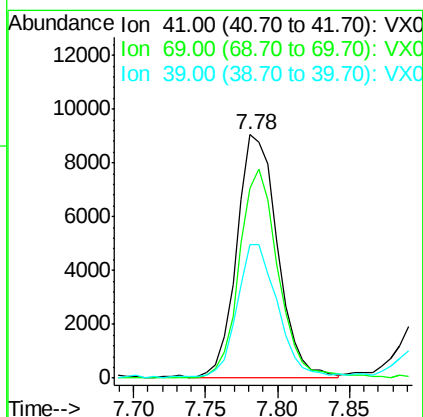
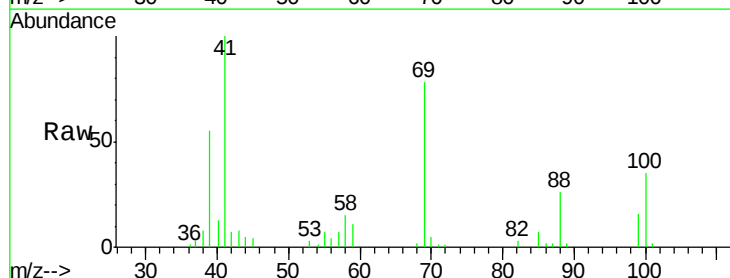
RT: 7.78 min Scan# 1180

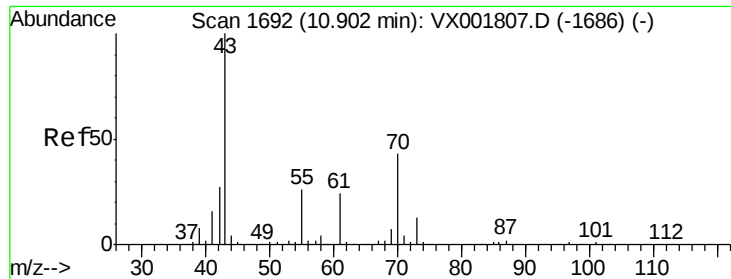
Delta R.T. -0.01 min

Lab File: VX001812.D

Acq: 18 May 2018 07:20

Tgt Ion:	41	Resp:	17864
Ion	Ratio	Lower	Upper
41	100		
69	77.8	40.9	122.7
39	54.1	25.3	75.9





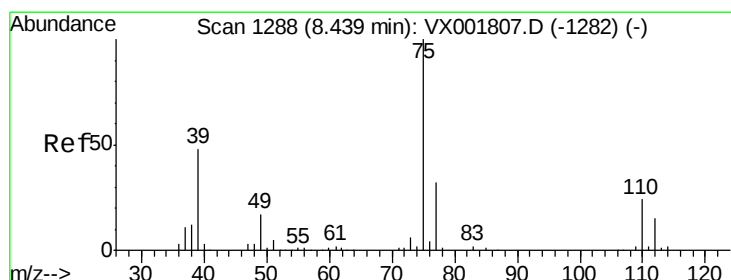
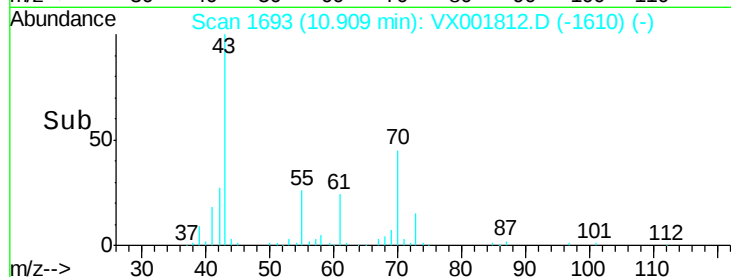
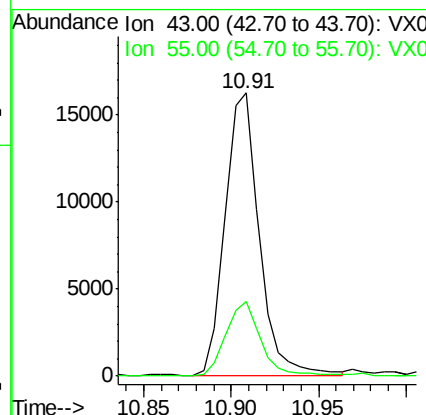
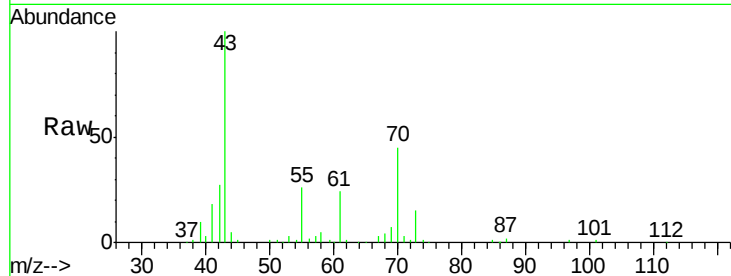
#47
 n-amvl Acetate
 Concen: 4.31 ug/l
 RT: 10.91 min Scan# 1693
 Delta R.T. 0.01 min
 Lab File: VX001812.D
 Acq: 18 May 2018 07:20

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-NPW-Precision-Bias-1

Tot Ion: 43 Resp: 22264
 Ion Ratio Lower Upper
 43 100
 55 26.5 21.0 31.4

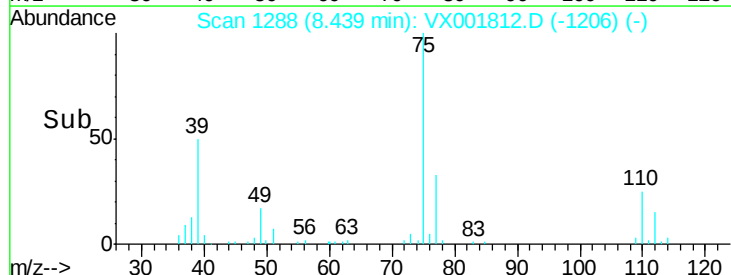
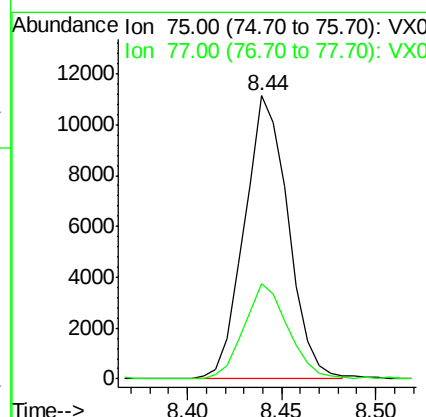
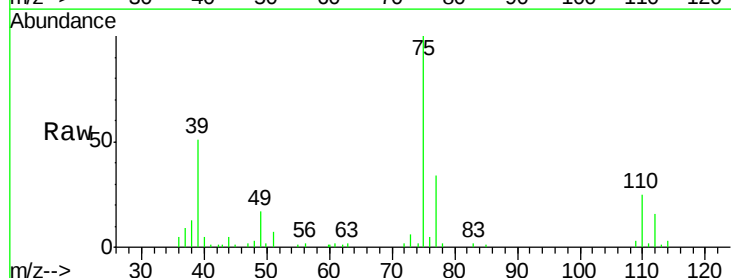
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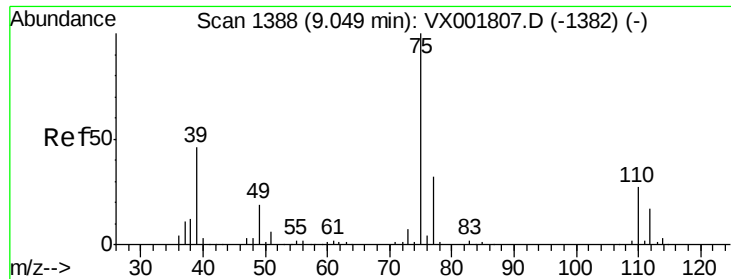
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#48
 t-1,3-Dichloropropene
 Concen: 4.23 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX001812.D
 Acq: 18 May 2018 07:20

Tgt Ion: 75 Resp: 17897
 Ion Ratio Lower Upper
 75 100
 77 33.6 25.6 38.4





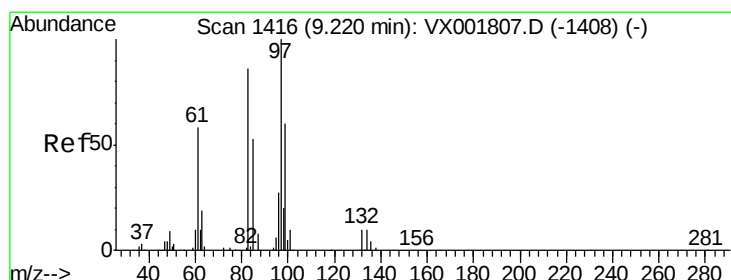
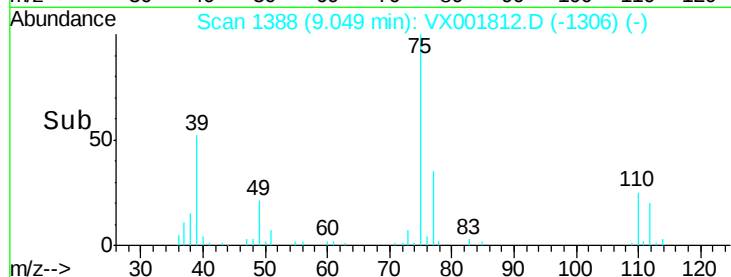
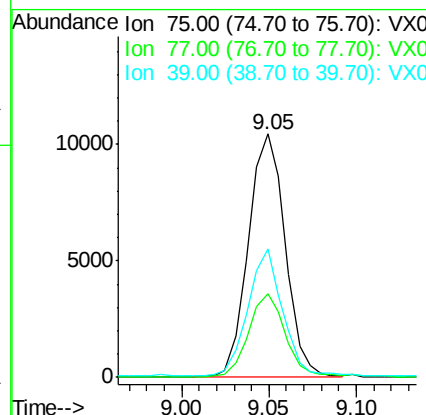
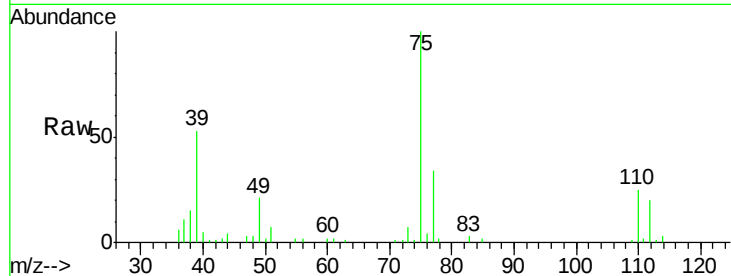
#49
 cis-1,3-Dichloropropene
 Concen: 4.14 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX001812.D
 Acq: 18 May 2018 07:20

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-NPW-Precision-Bias-1

Tot Ion	Ratio	Lower	Upper
75	100		
77	34.3	25.5	38.3
39	52.2	37.0	55.4

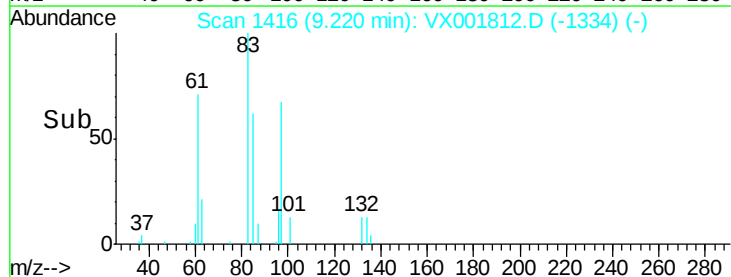
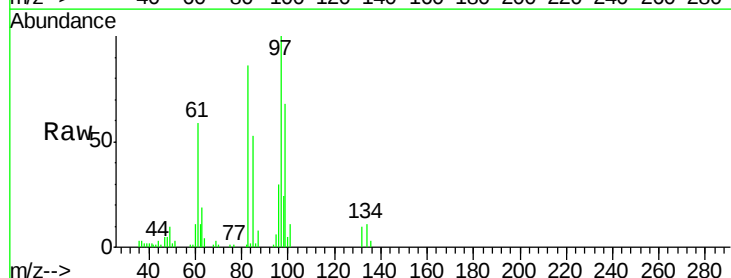
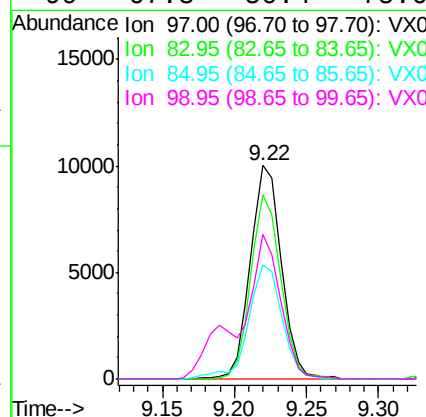
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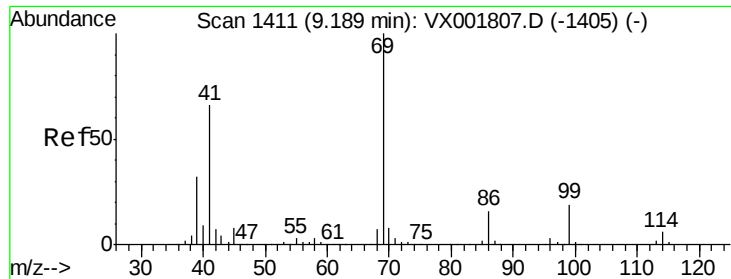
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#50
 1,1,2-Trichloroethane
 Concen: 4.77 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001812.D
 Acq: 18 May 2018 07:20

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.0	68.6	103.0
85	53.3	42.5	63.7
99	67.8	50.4	75.6





#51

Ethyl methacrylate

Concen: 4.37 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX001812.D

Acq: 18 May 2018 07:20

Instrument :

MSVOA_X

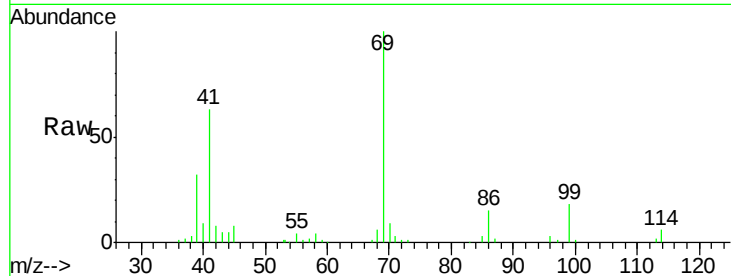
ClientSampleId :

LOQ-NPW-Precision-Bias-1

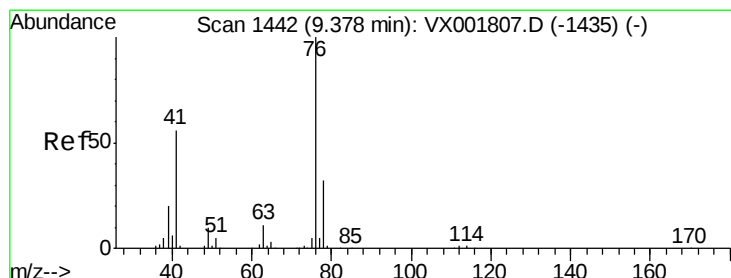
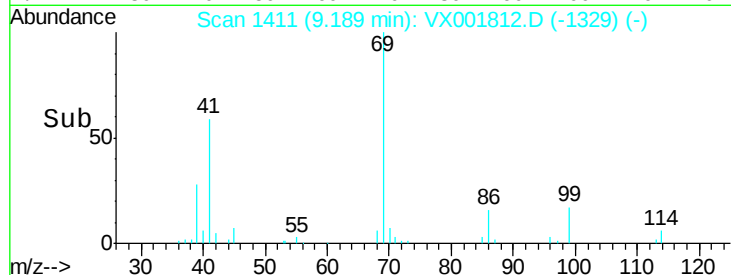
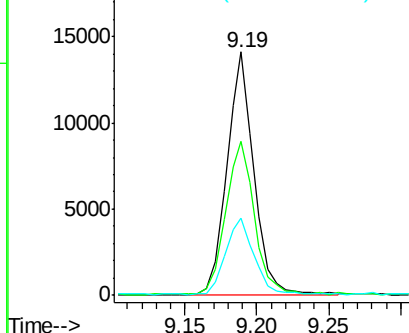
Tot Ion:	69	Resp:	18654
Ion	Ratio	Lower	Upper
69	100		
41	62.6	32.9	98.7
39	31.7	16.1	48.2

Manual Integrations
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Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 4.93 ug/l

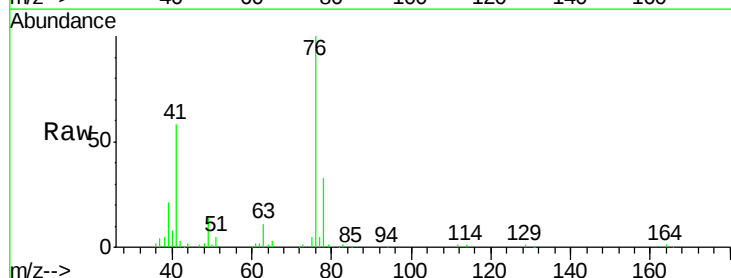
RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

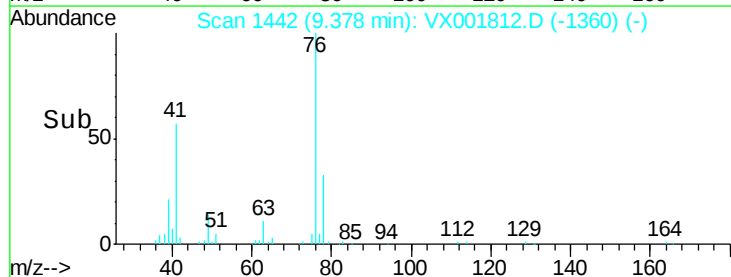
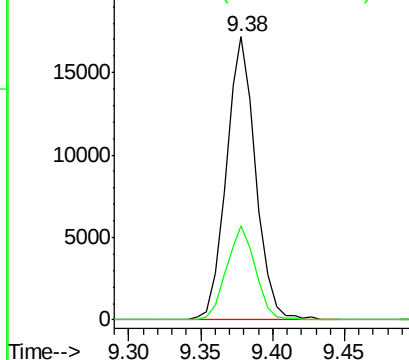
Lab File: VX001812.D

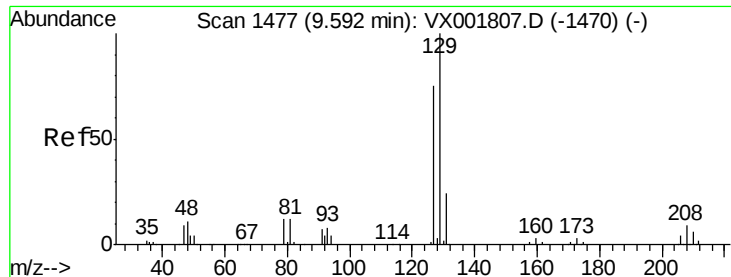
Acq: 18 May 2018 07:20

Tgt Ion:	76	Resp:	24547
Ion	Ratio	Lower	Upper
76	100		
78	32.7	0.0	63.6



Abundance Ion 76.00 (75.70 to 76.70): VX0
Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 4.41 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. 0.00 min

Lab File: VX001812.D

Acq: 18 May 2018 07:20

Instrument :

MSVOA_X

ClientSampleId :

LOQ-NPW-Precision-Bias-1

Tot Ion:129 Resp: 13438

Ion Ratio Lower Upper

129 100

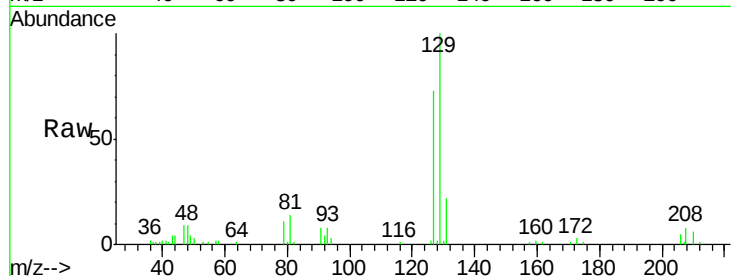
127 74.5 38.7 116.1

Manual Integrations

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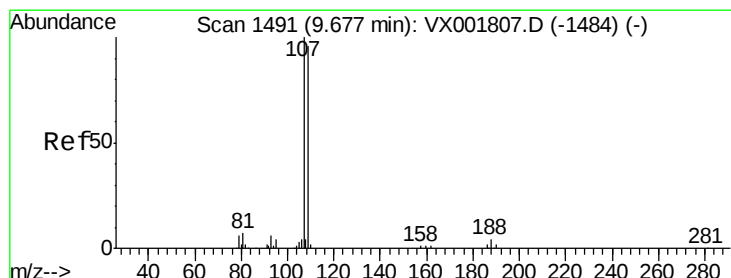
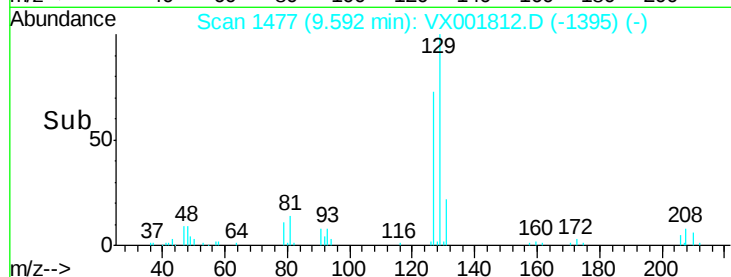
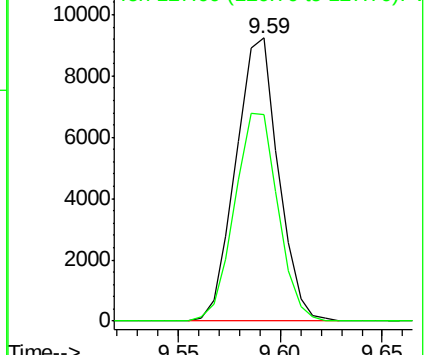
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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 4.76 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001812.D

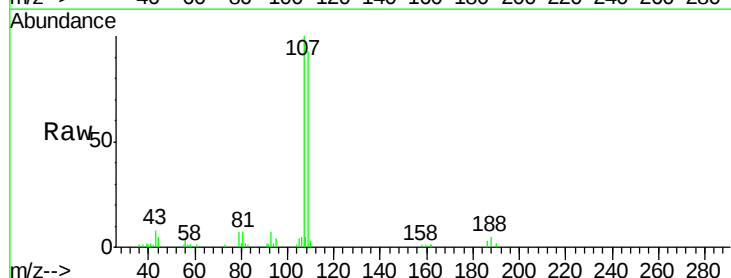
Acq: 18 May 2018 07:20

Tgt Ion:107 Resp: 15151

Ion Ratio Lower Upper

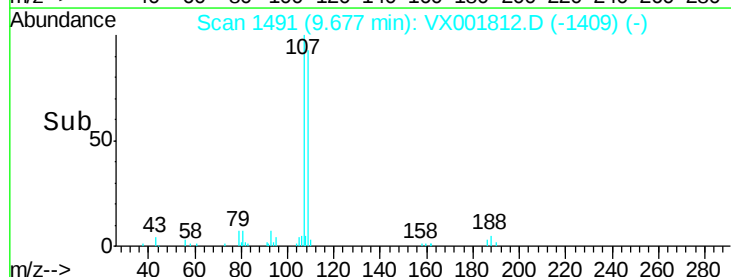
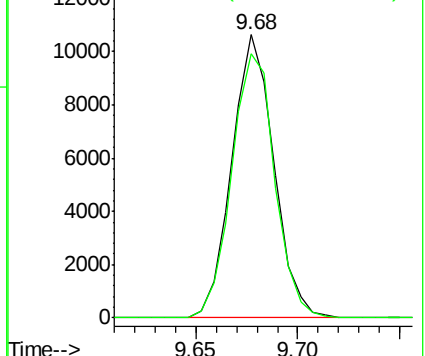
107 100

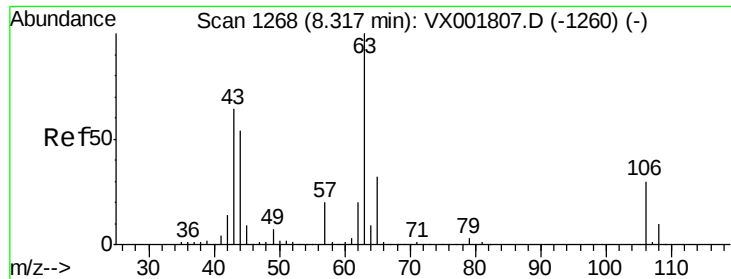
109 95.9 76.3 114.5



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





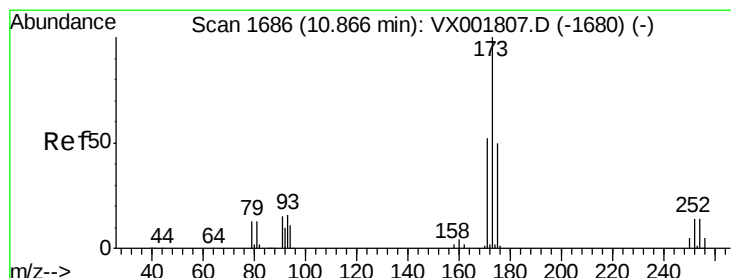
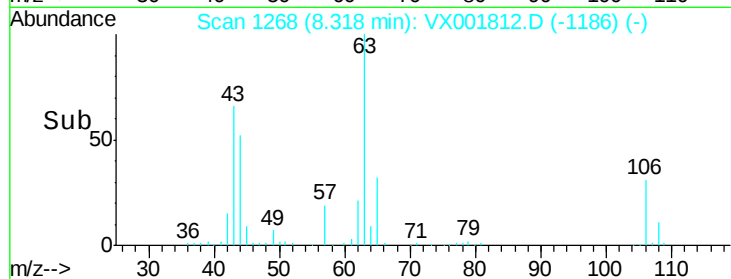
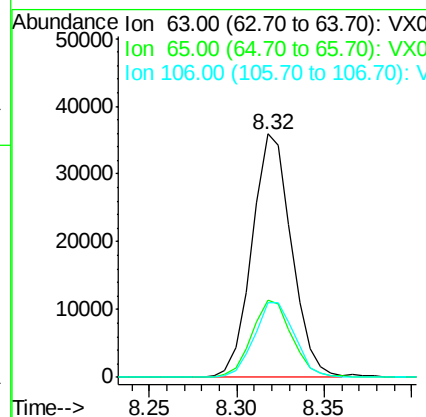
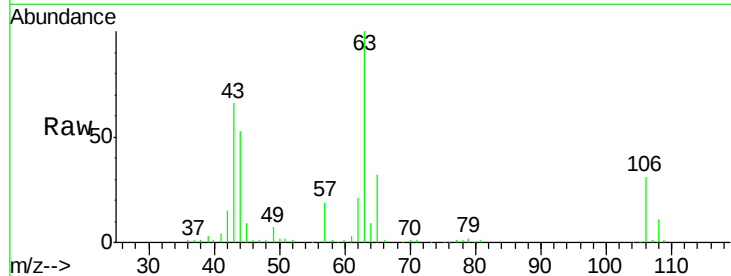
#55
2-Chloroethyl vinyl ether
Concen: 22.71 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. 0.00 min
Lab File: VX001812.D
Acq: 18 May 2018 07:20

Instrument :
MSVOA_X
ClientSampleId :
LOQ-NPW-Precision-Bias-1

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.3	25.4	38.2
106	31.7	24.9	37.3

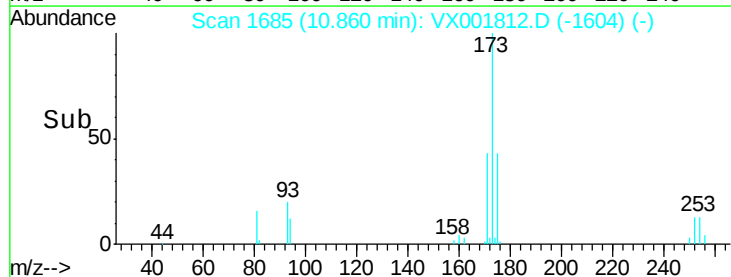
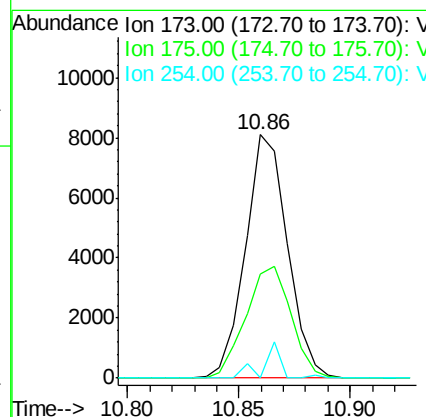
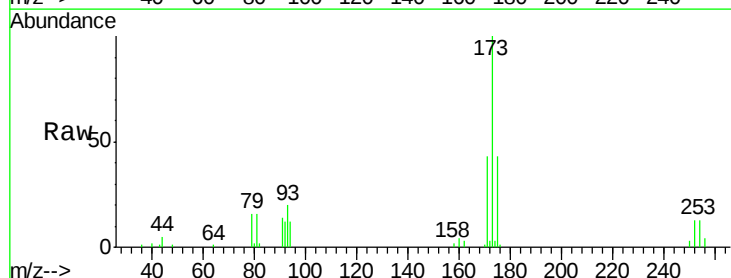
Manual Integrations
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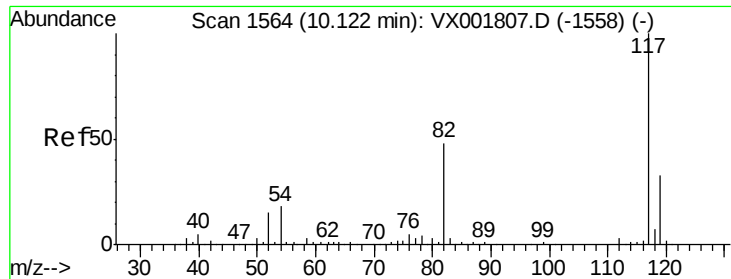
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#56
Bromoform
Concen: 4.29 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VX001812.D
Acq: 18 May 2018 07:20

Tgt Ion	Ratio	Lower	Upper
173	100		
175	0.0	38.8	58.2#
254	1.6	10.7	16.1#





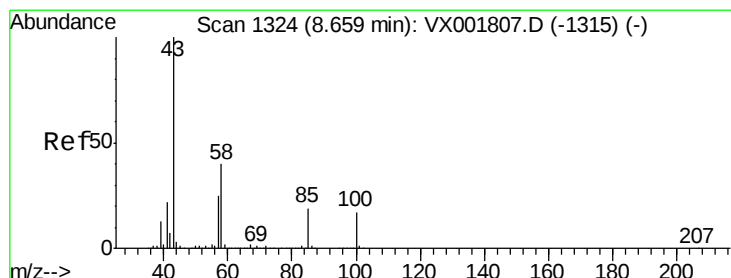
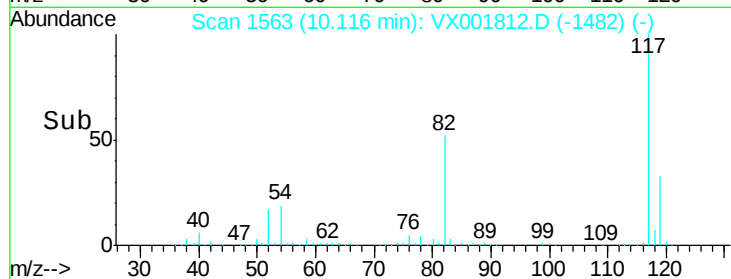
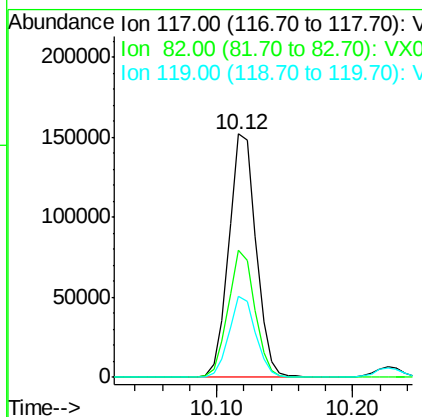
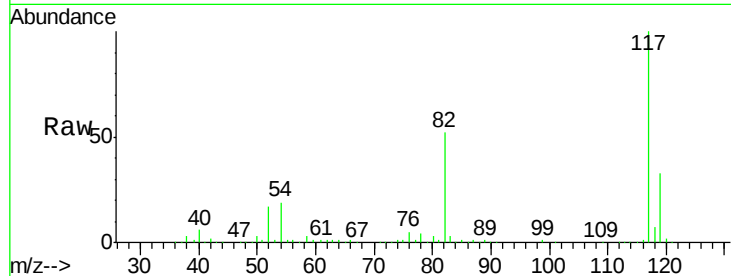
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001812.D
Acq: 18 May 2018 07:20

Instrument :
MSVOA_X
ClientSampleId :
LOQ-NPW-Precision-Bias-1

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.3	40.1	60.1
119	32.6	26.0	39.0

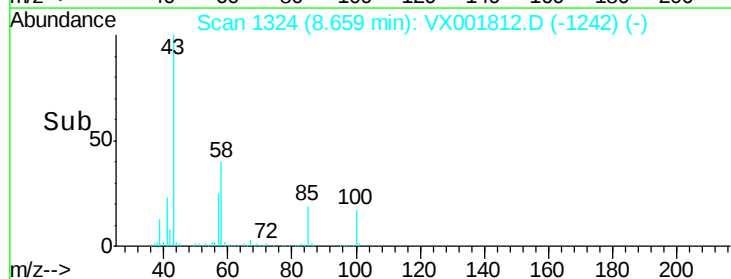
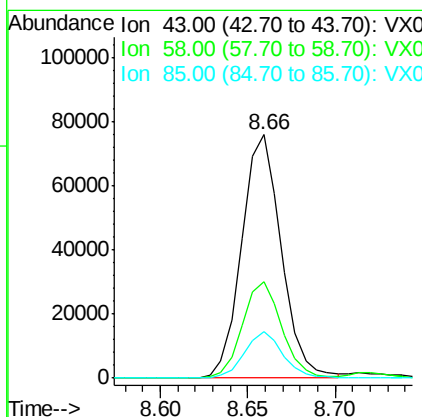
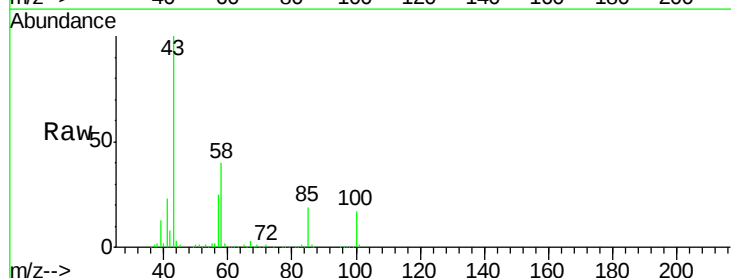
Manual Integrations
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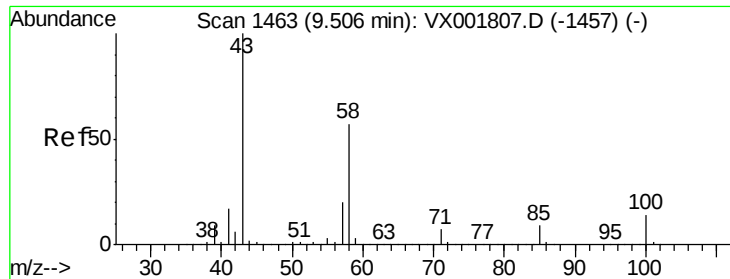
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#58
4-Methyl-2-Pentanone
Concen: 22.65 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX001812.D
Acq: 18 May 2018 07:20

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.2	31.3	46.9
85	18.5	14.5	21.7





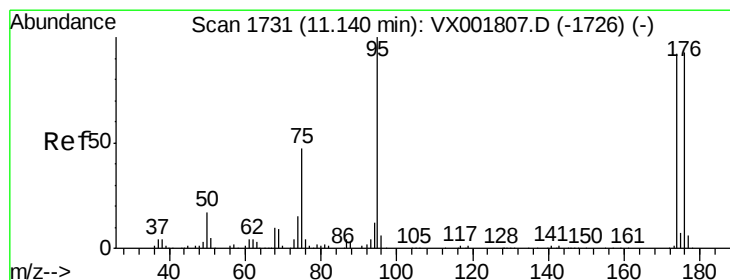
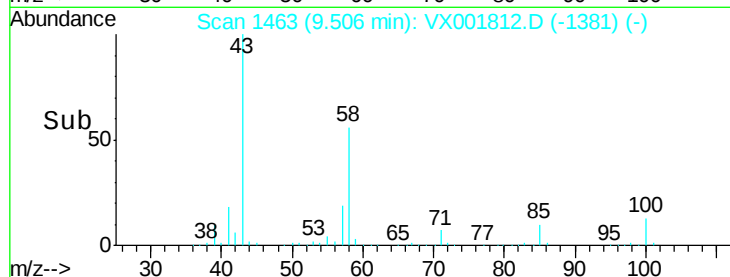
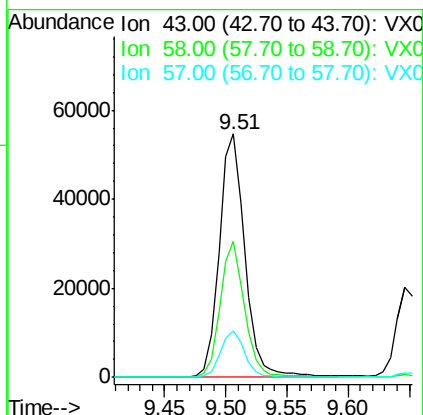
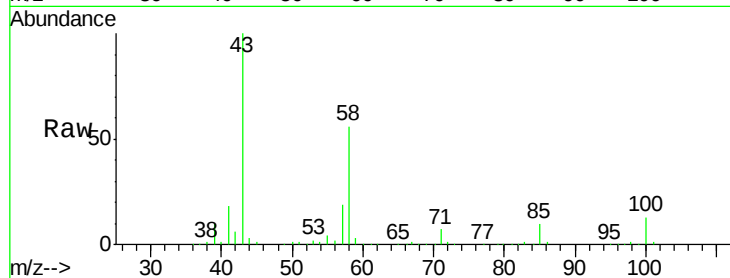
#59
2-Hexanone
Concen: 22.66 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001812.D
Acq: 18 May 2018 07:20

Instrument :
MSVOA_X
ClientSampleId :
LOQ-NPW-Precision-Bias-1

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.0	44.6	66.8
57	18.2	15.5	23.3

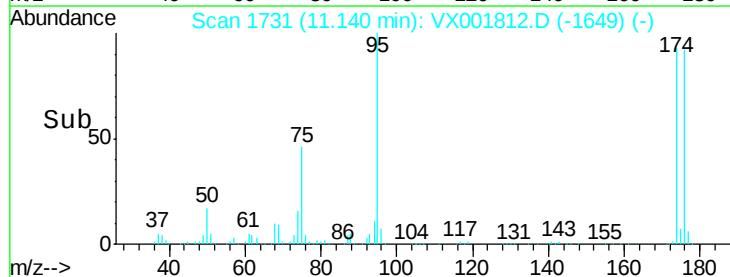
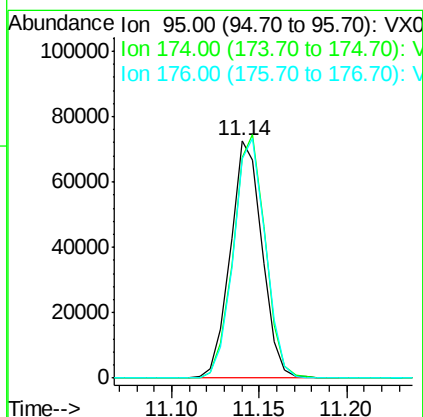
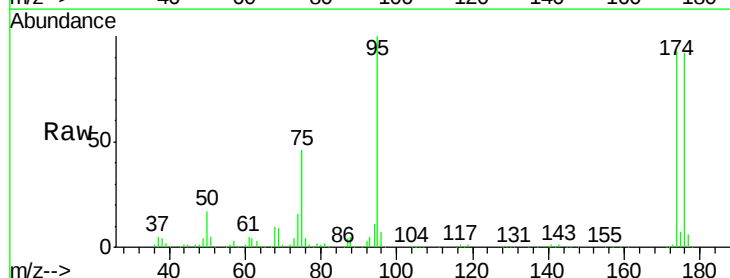
Manual Integrations
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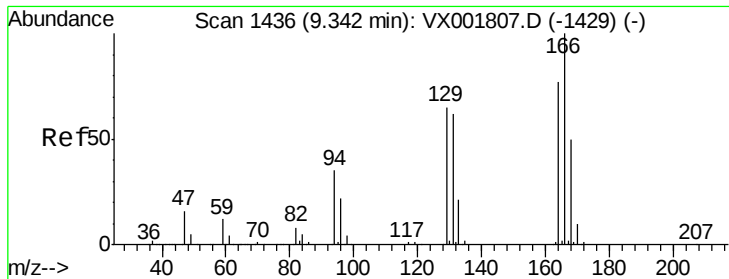
apatel
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#60
4-Bromofluorobenzene
Concen: 28.80 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001812.D
Acq: 18 May 2018 07:20

Tgt Ion	Ratio	Lower	Upper
95	100		
174	102.8	82.0	123.0
176	102.0	80.6	120.8





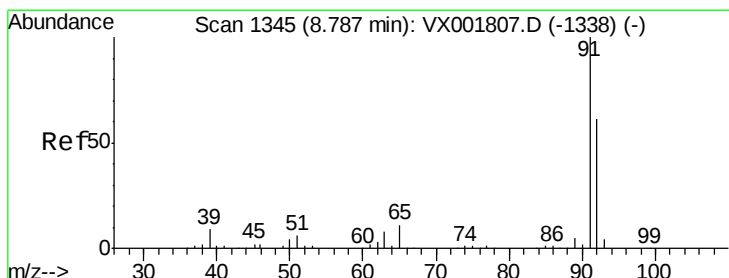
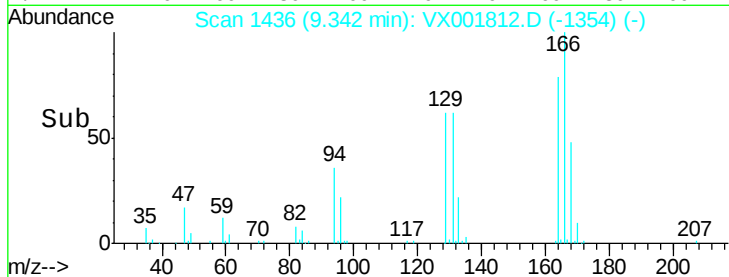
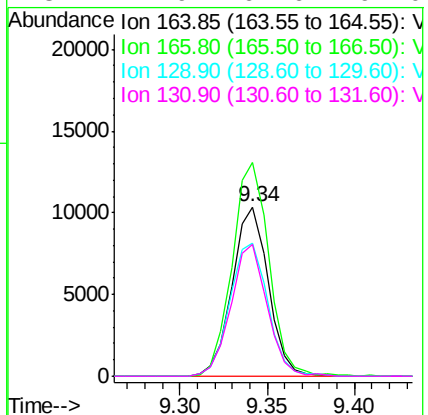
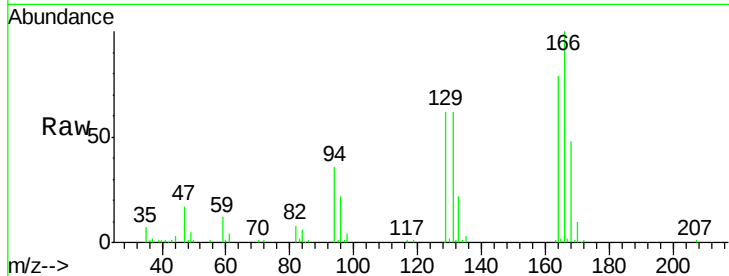
#61
 Tetrachloroethene
 Concen: 4.76 ug/l
 RT: 9.34 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: VX001812.D
 Acq: 18 May 2018 07:20

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-NPW-Precision-Bias-1

Tot Ion:	164	Resp:	14912
Ion	Ratio	Lower	Upper
164	100		
166	126.3	104.1	156.1
129	78.8	67.8	101.8
131	77.9	64.6	97.0

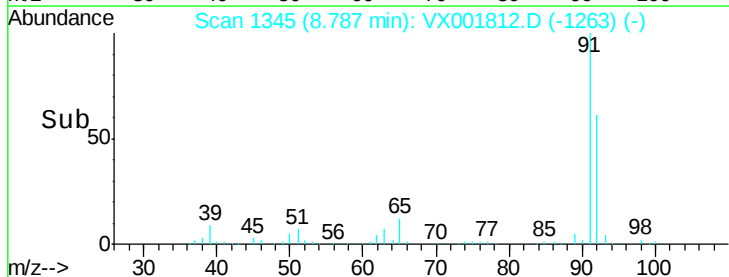
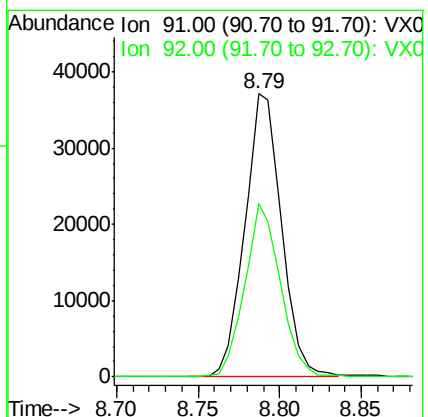
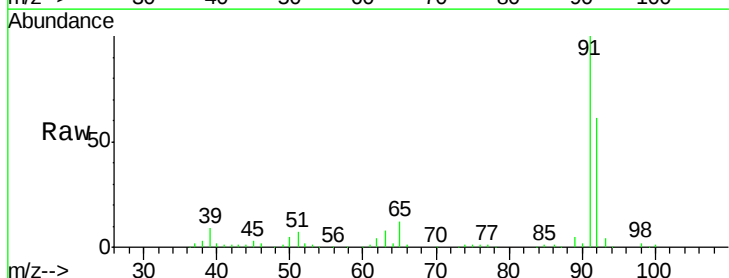
Manual Integrations
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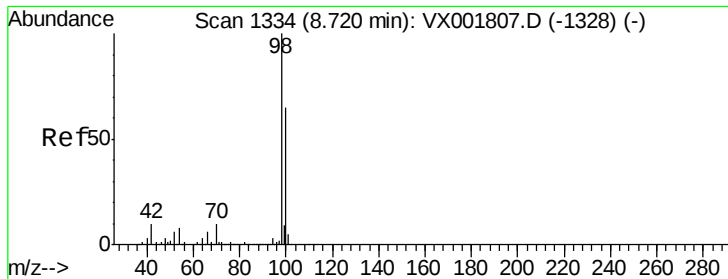
apatel
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#62
 Toluene
 Concen: 4.72 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: VX001812.D
 Acq: 18 May 2018 07:20

Tgt Ion:	91	Resp:	58051
Ion	Ratio	Lower	Upper
91	100		
92	59.0	47.8	71.6





#63

Toluene-d8

Concen: 29.64 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001812.D

Acq: 18 May 2018 07:20

Instrument :

MSVOA_X

ClientSampleId :

LOQ-NPW-Precision-Bias-1

Tot Ion: 98 Resp: 318890

Ion Ratio Lower Upper

98 100

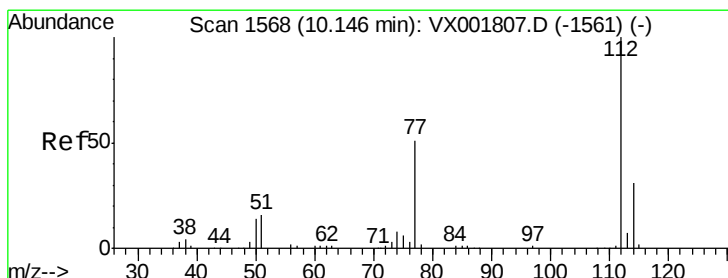
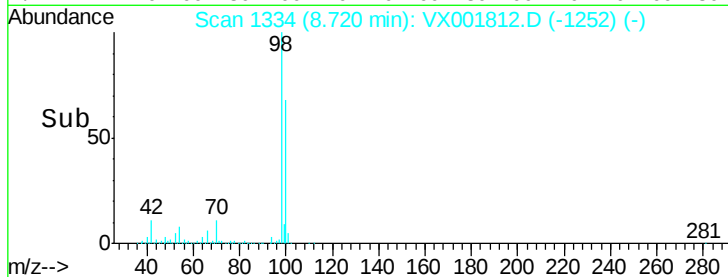
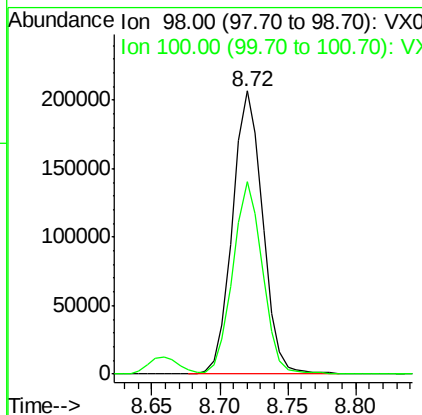
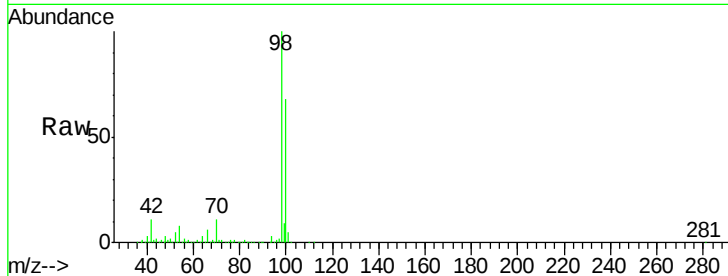
100 67.2 53.1 79.7

Manual Integrations

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#64

Chlorobenzene

Concen: 4.84 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX001812.D

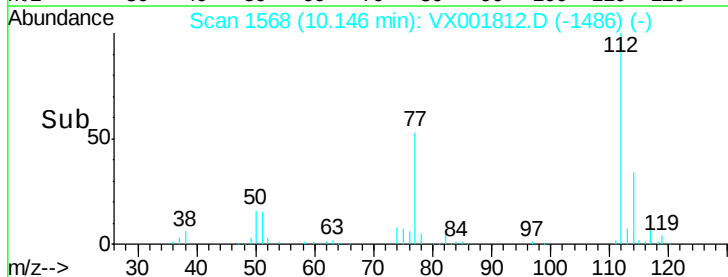
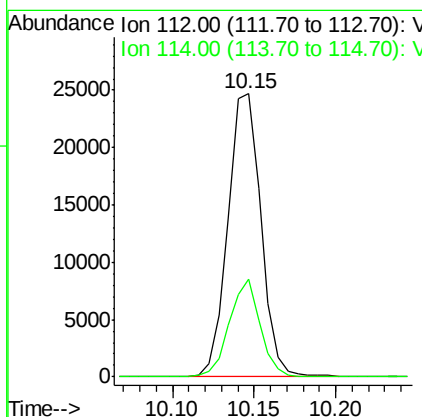
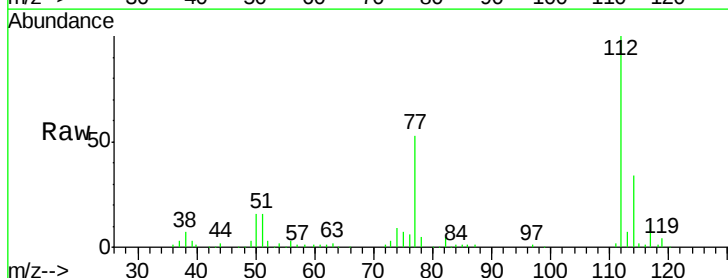
Acq: 18 May 2018 07:20

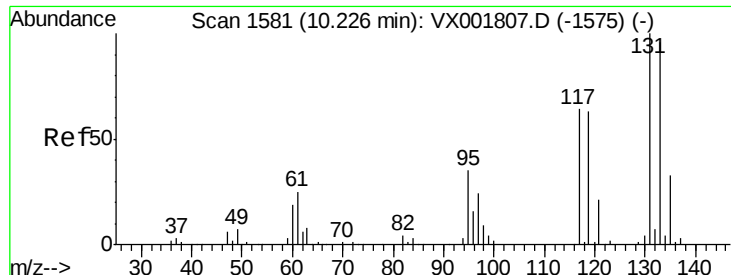
Tgt Ion: 112 Resp: 34837

Ion Ratio Lower Upper

112 100

114 34.4 25.1 37.7





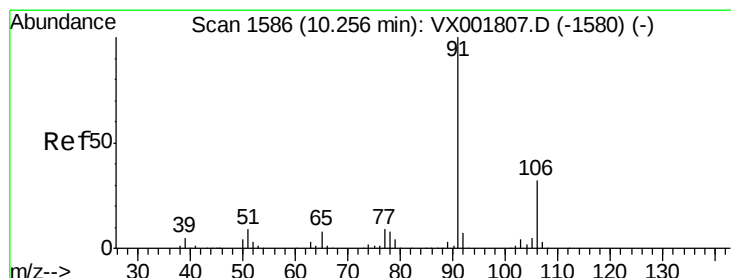
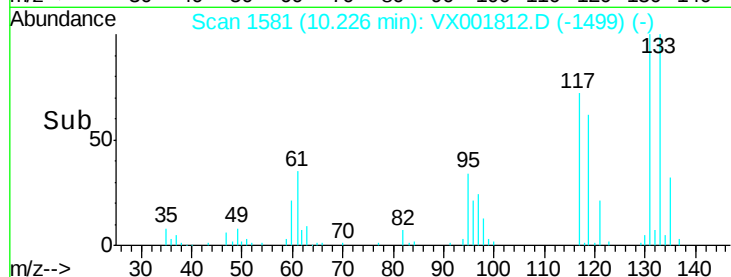
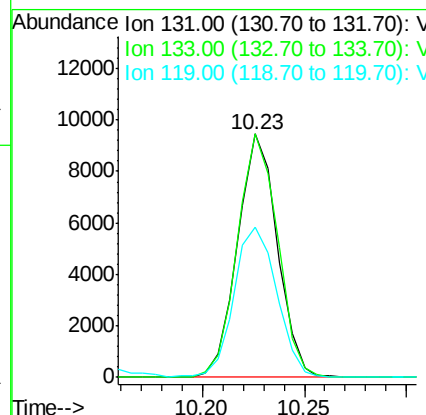
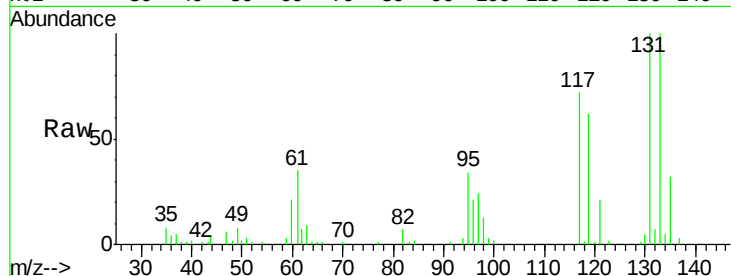
#65
 1,1,1,2-Tetrachloroethane
 Concen: 4.41 ug/l
 RT: 10.23 min Scan# 1581
 Delta R.T. 0.00 min
 Lab File: VX001812.D
 Acq: 18 May 2018 07:20

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-NPW-Precision-Bias-1

Tot Ion	Ratio	Lower	Upper
131	100		
133	100.6	0.0	192.2
119	66.8	0.0	125.4

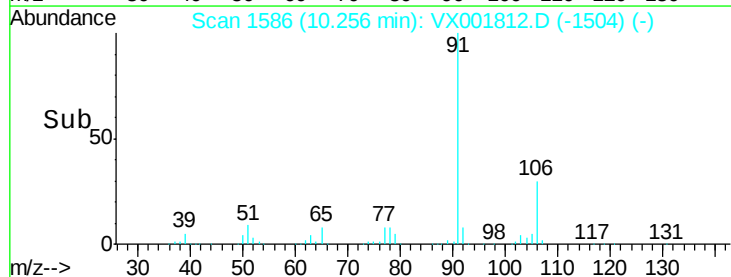
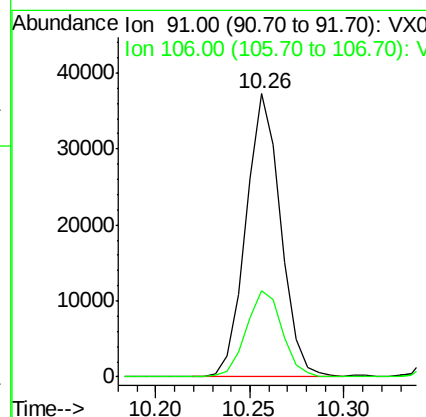
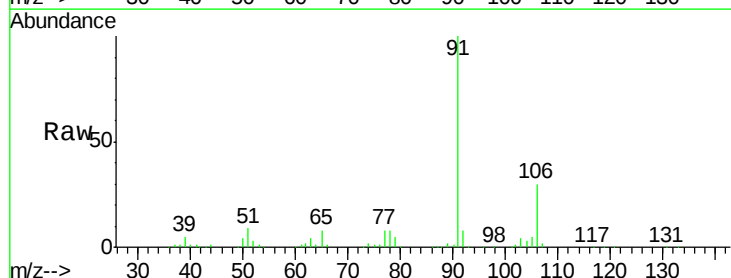
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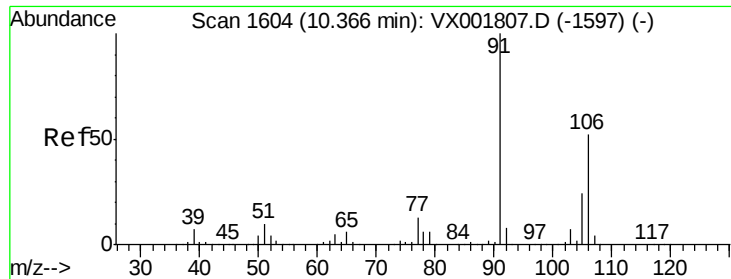
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#66
 Ethyl Benzene
 Concen: 4.66 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VX001812.D
 Acq: 18 May 2018 07:20

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.4	25.8	38.6





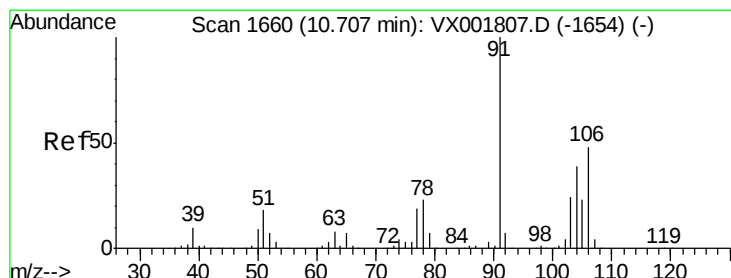
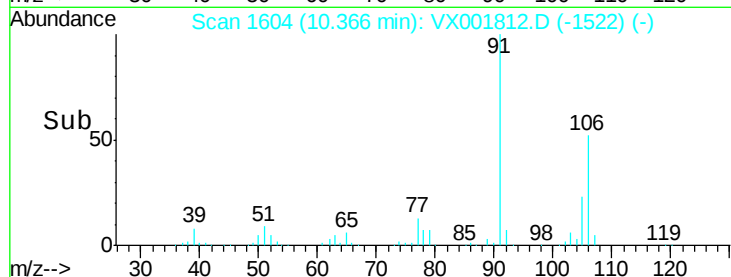
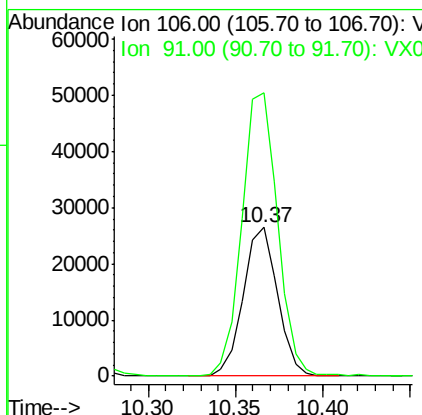
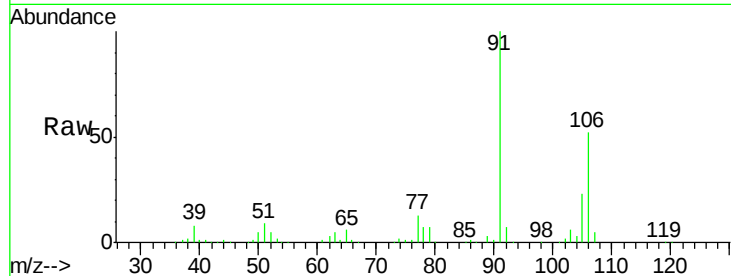
#67
m/p-Xylenes
Concen: 8.87 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001812.D
Acq: 18 May 2018 07:20

Instrument :
MSVOA_X
ClientSampleId :
LOQ-NPW-Precision-Bias-1

Tot Ion:106 Resp: 36238
Ion Ratio Lower Upper
106 100
91 197.3 154.7 232.1

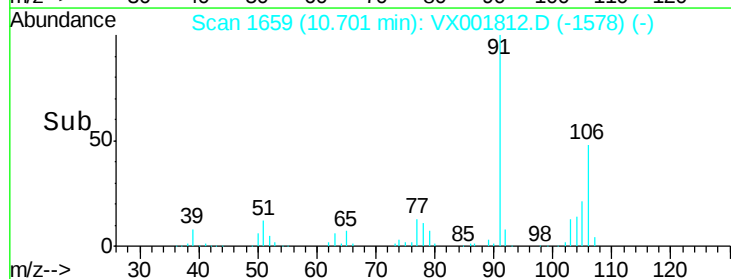
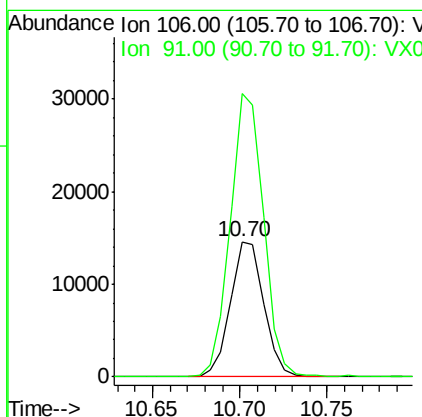
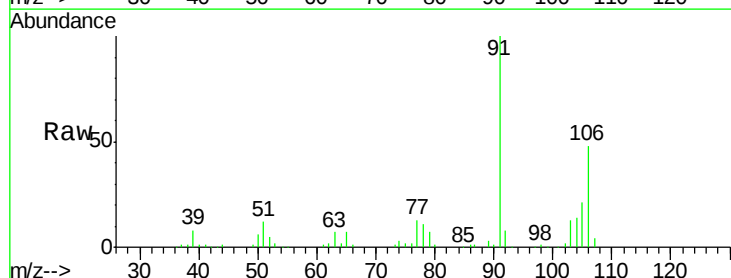
Manual Integrations
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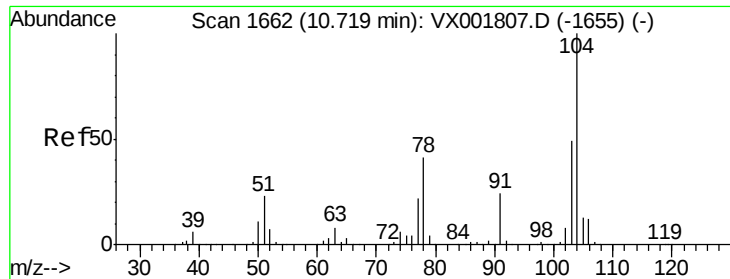
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#68
o-Xylene
Concen: 4.64 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001812.D
Acq: 18 May 2018 07:20

Tgt Ion:106 Resp: 19526
Ion Ratio Lower Upper
106 100
91 208.1 104.3 312.8





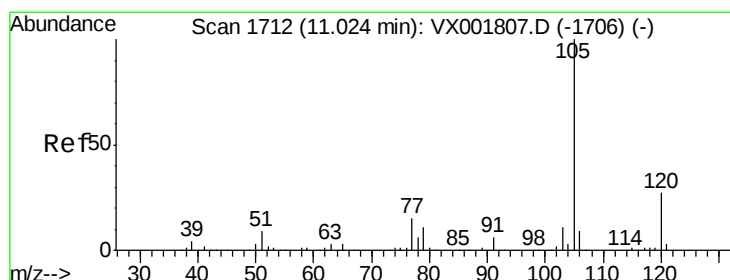
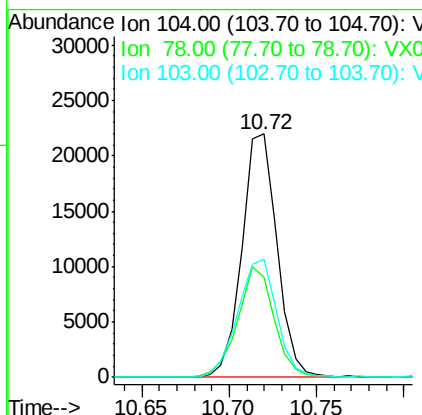
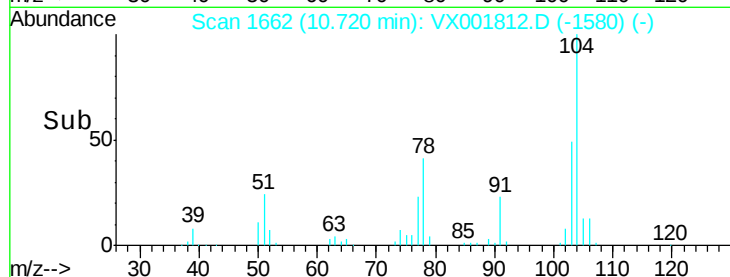
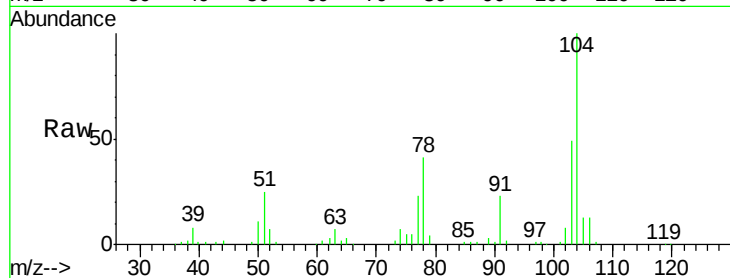
#69
Stvrene
Concen: 4.39 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001812.D
Acq: 18 May 2018 07:20

Instrument :
MSVOA_X
ClientSampleId :
LOQ-NPW-Precision-Bias-1

Tot Ion	Ratio	Lower	Upper
104	100		
78	47.6	37.0	55.6
103	54.0	43.5	65.3

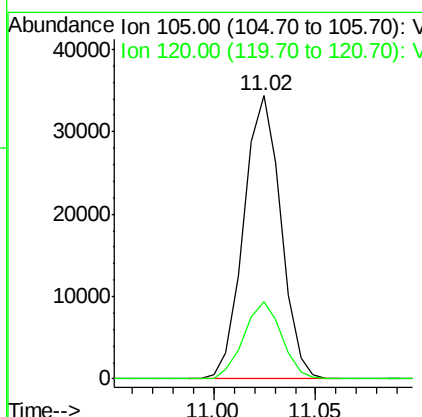
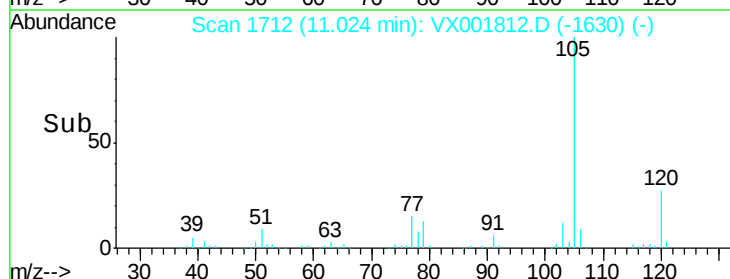
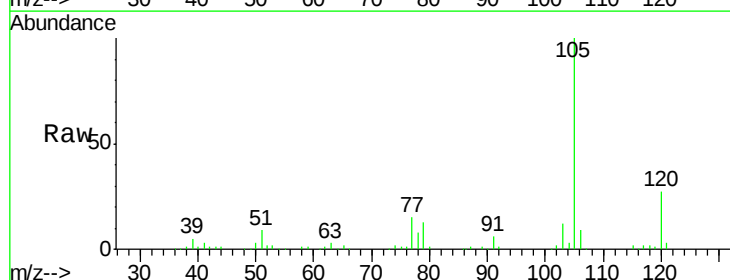
Manual Integrations
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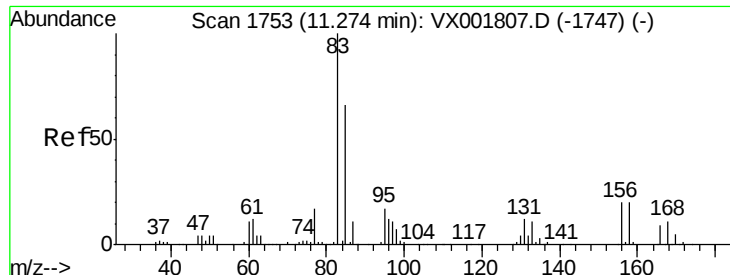
apatel
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#70
Isopropylbenzene
Concen: 4.42 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX001812.D
Acq: 18 May 2018 07:20

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.7	19.3	35.9





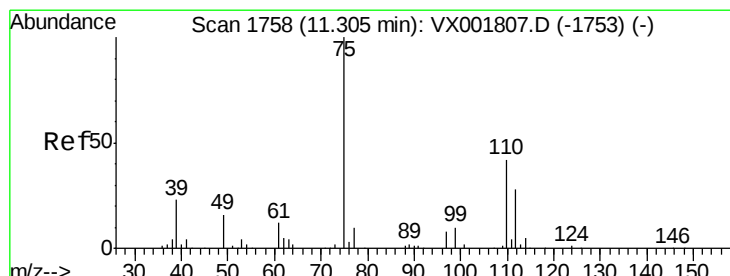
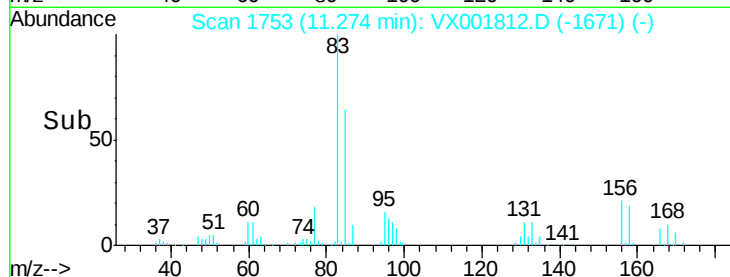
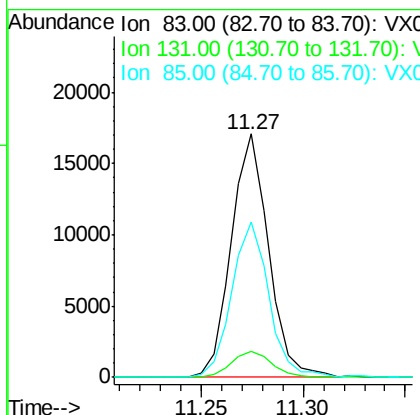
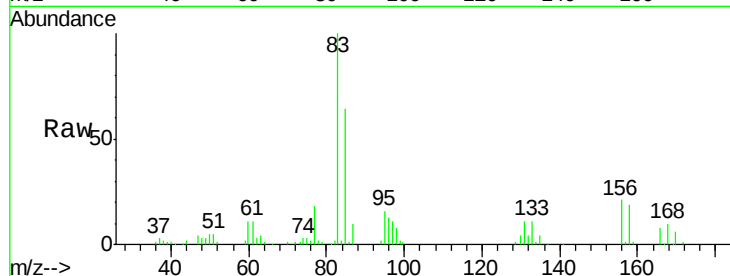
#71
 1,1,2,2-Tetrachloroethane
 Concen: 4.81 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: VX001812.D
 Acq: 18 May 2018 07:20

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-NPW-Precision-Bias-1

Tot Ion	Ratio	Lower	Upper
83	100		
131	11.5	5.8	17.3
85	63.6	32.3	96.9

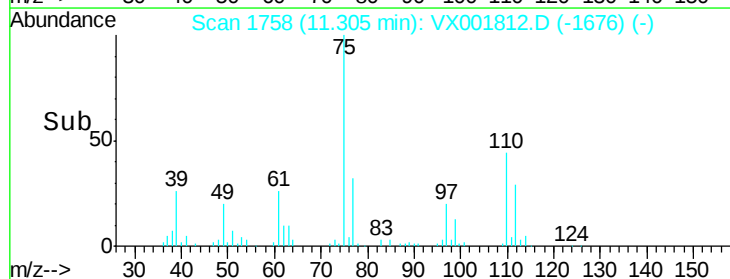
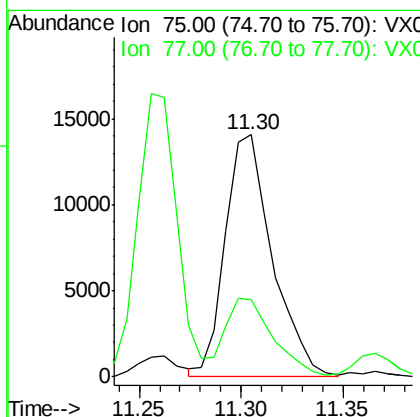
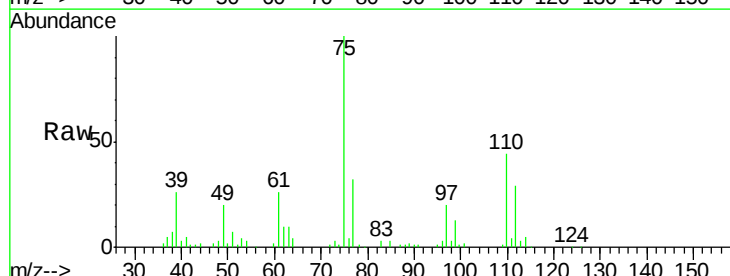
Manual Integrations
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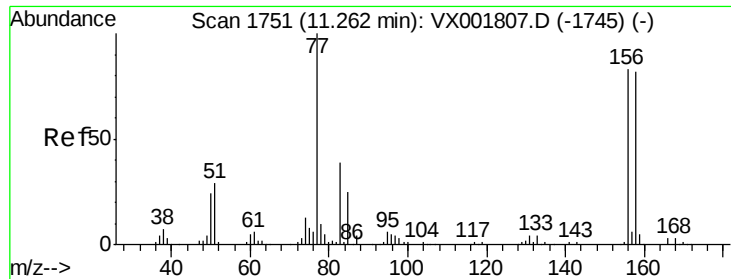
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#72
 1,2,3-Trichloropropane
 Concen: 5.28 ug/l
 RT: 11.30 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VX001812.D
 Acq: 18 May 2018 07:20

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.4	0.0	74.6





#73

Bromobenzene

Concen: 4.75 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001812.D

Acq: 18 May 2018 07:20

Instrument :

MSVOA_X

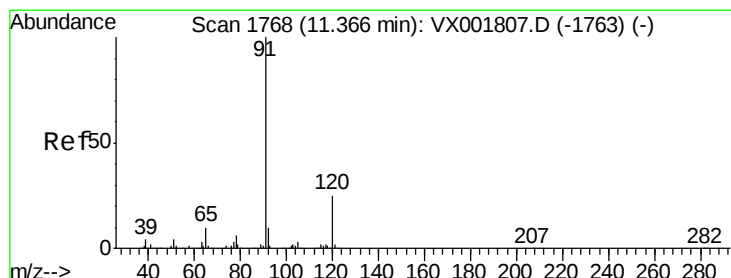
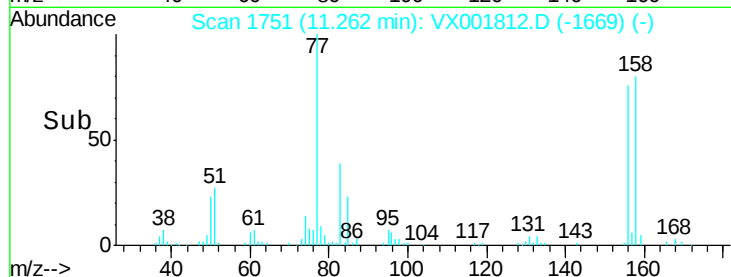
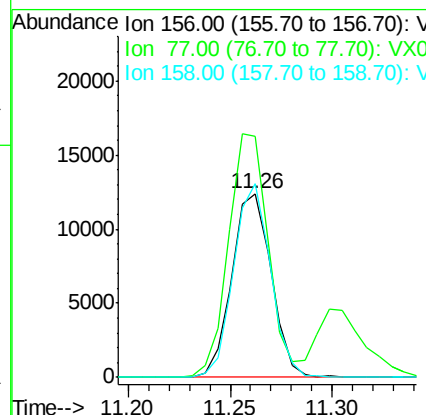
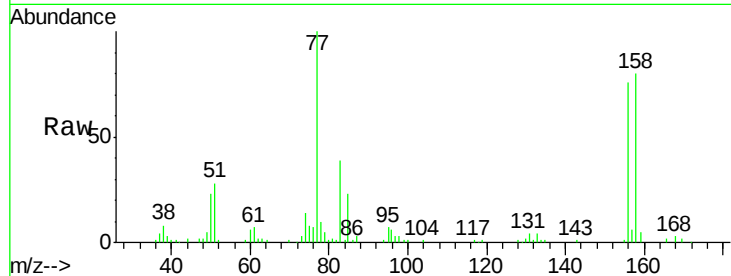
ClientSampleId :

LOQ-NPW-Precision-Bias-1

Tot Ion	Ratio	Lower	Upper
156	100		
77	132.7	0.0	261.8
158	98.3	0.0	198.2

Manual Integrations
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#74

n-propylbenzene

Concen: 4.31 ug/l

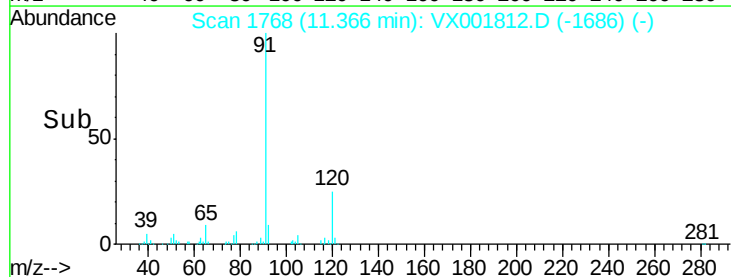
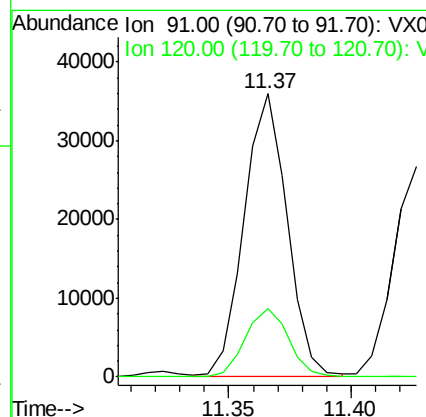
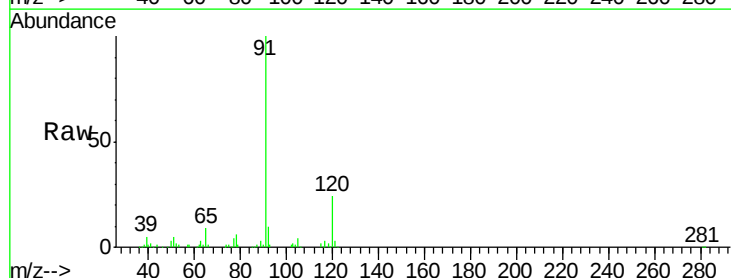
RT: 11.37 min Scan# 1768

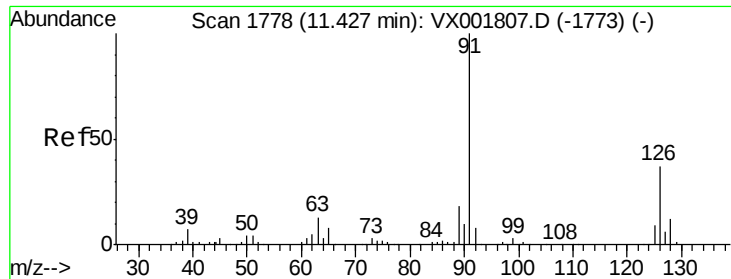
Delta R.T. 0.00 min

Lab File: VX001812.D

Acq: 18 May 2018 07:20

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.1	0.0	49.2





#75

2-Chlorotoluene

Concen: 4.72 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001812.D

Acq: 18 May 2018 07:20

Instrument :

MSVOA_X

ClientSampleId :

LOQ-NPW-Precision-Bias-1

Tot Ion: 91 Resp: 33381

Ion Ratio Lower Upper

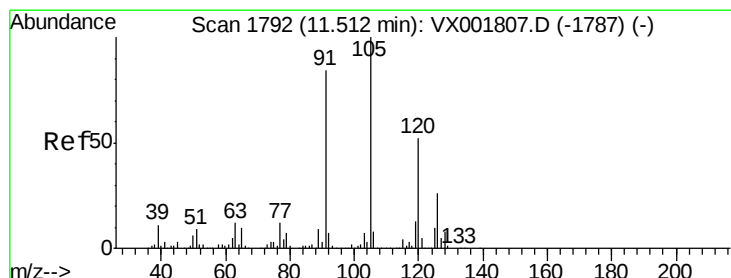
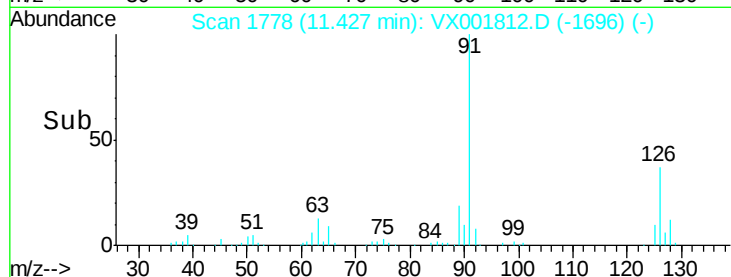
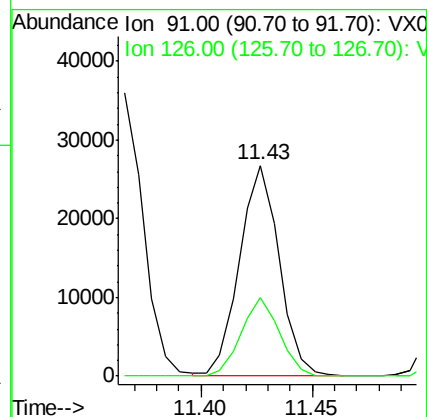
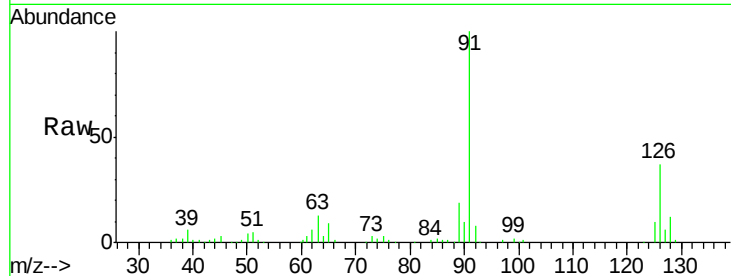
91 100

126 36.1 0.0 72.0

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#76

1,3,5-Trimethylbenzene

Concen: 4.33 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001812.D

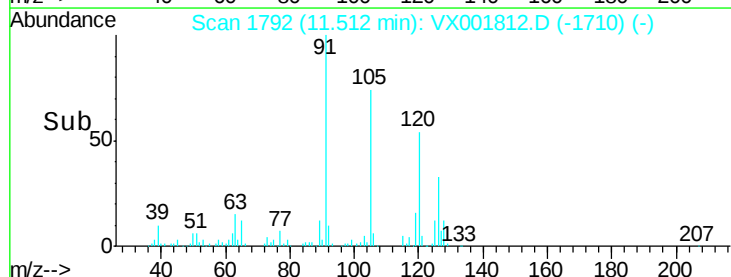
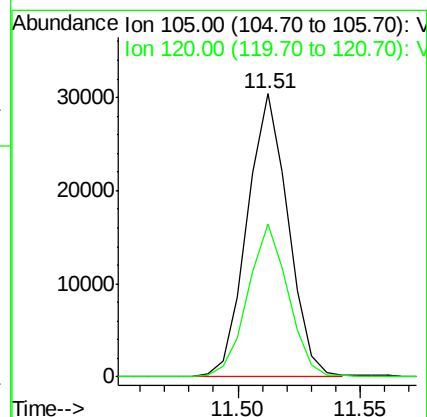
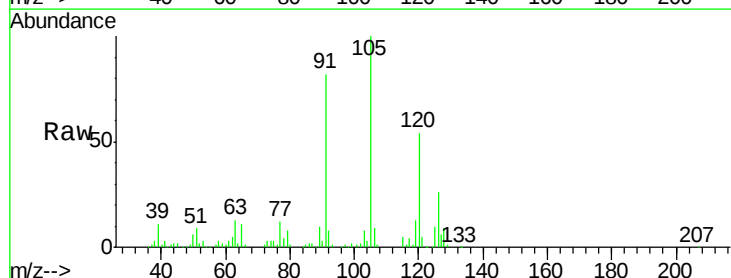
Acq: 18 May 2018 07:20

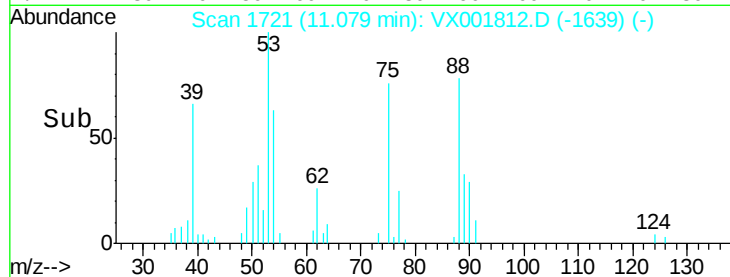
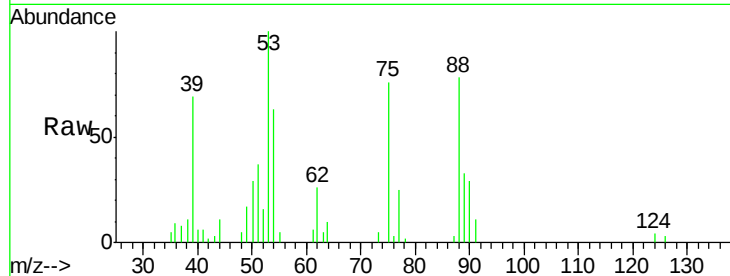
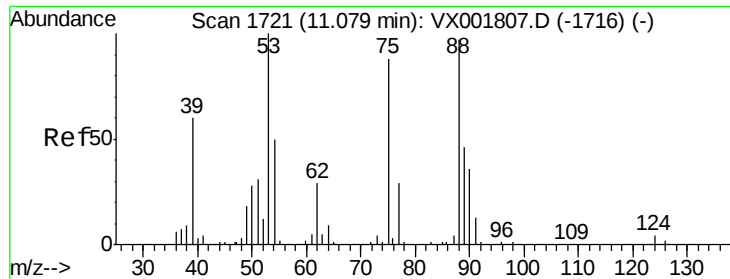
Tgt Ion: 105 Resp: 35518

Ion Ratio Lower Upper

105 100

120 53.0 0.0 103.0





#77

t-1,4-Dichloro-2-butene

Concen: 3.73 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001812.D

Acq: 18 May 2018 07:20

Tot Ion	Ratio	Lower	Upper
75	100		
53	129.5	57.0	170.8
89	43.7	26.3	78.9

Instrument :

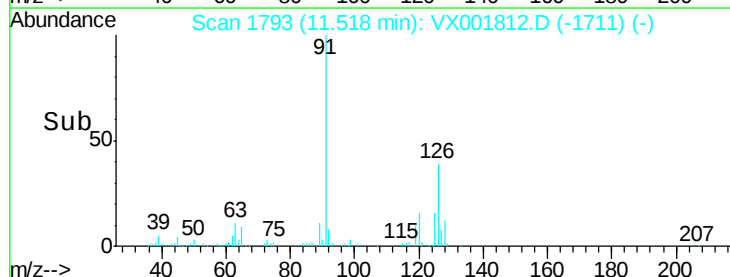
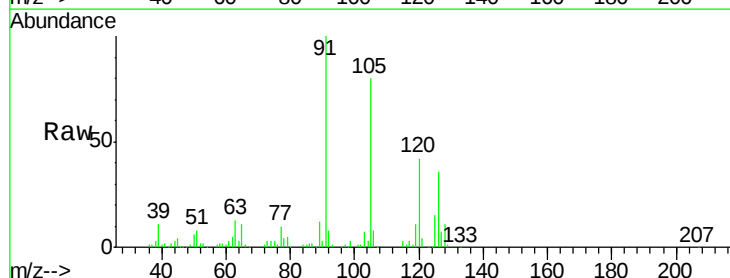
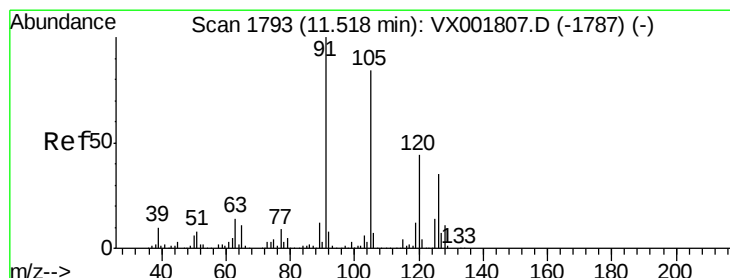
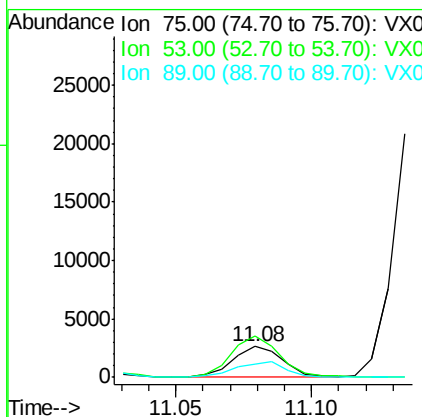
MSVOA_X

ClientSampleId :

LOQ-NPW-Precision-Bias-1

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#78

4-Chlorotoluene

Concen: 4.54 ug/l

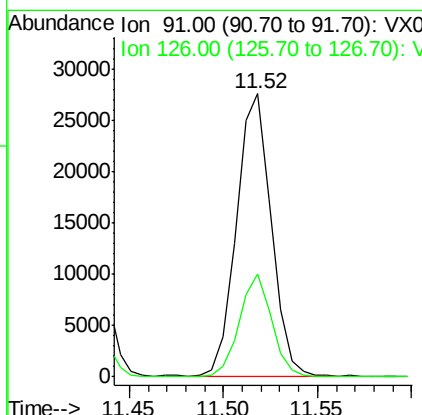
RT: 11.52 min Scan# 1793

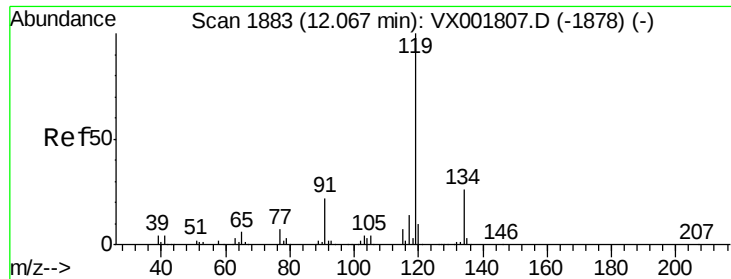
Delta R.T. 0.00 min

Lab File: VX001812.D

Acq: 18 May 2018 07:20

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.6	0.0	64.8





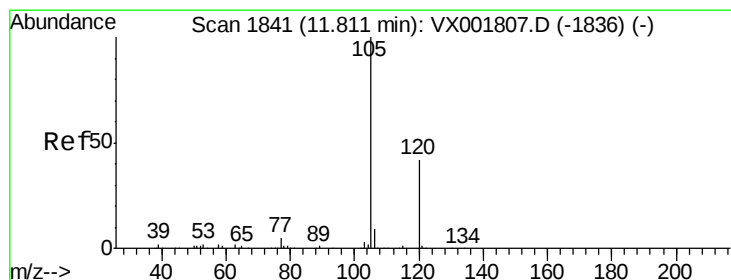
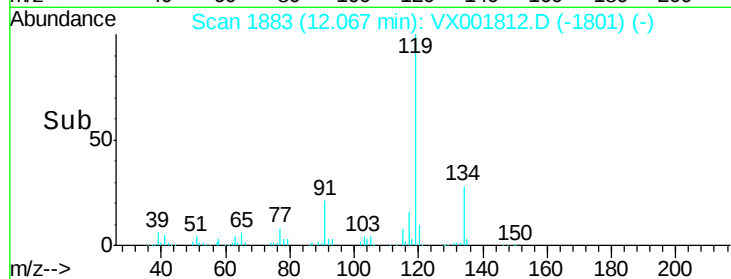
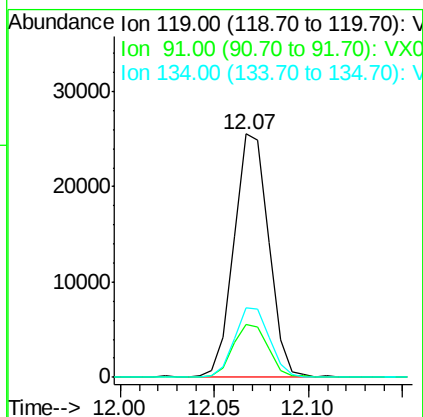
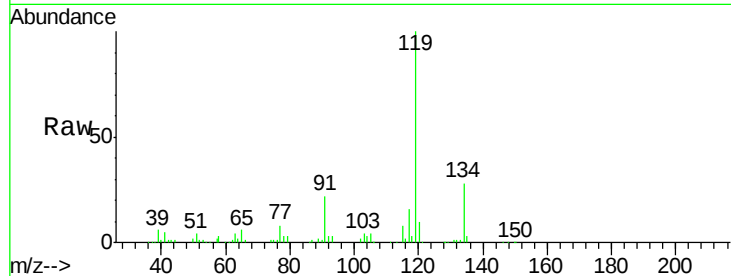
#79
tert-butylbenzene
Concen: 4.05 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX001812.D
Acq: 18 May 2018 07:20

Instrument :
MSVOA_X
ClientSampleId :
LOQ-NPW-Precision-Bias-1

Tot Ion	Ratio	Resp	Lower	Upper
119	100	32816		
91	22.0		0.0	43.2
134	28.6		0.0	54.6

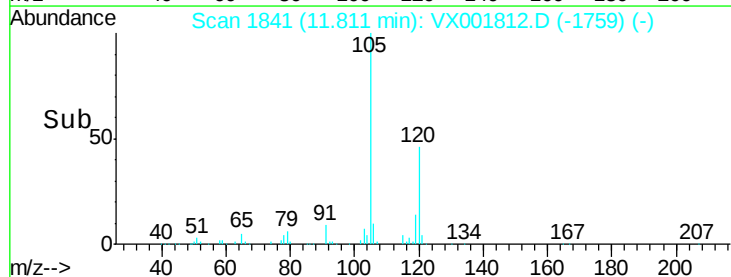
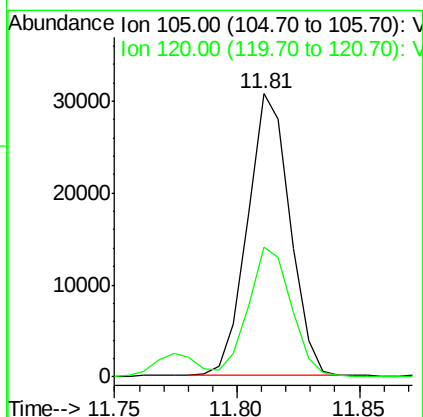
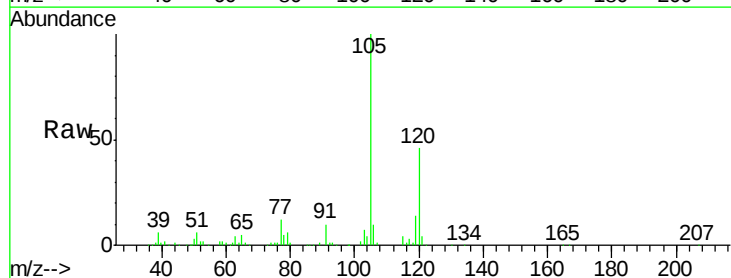
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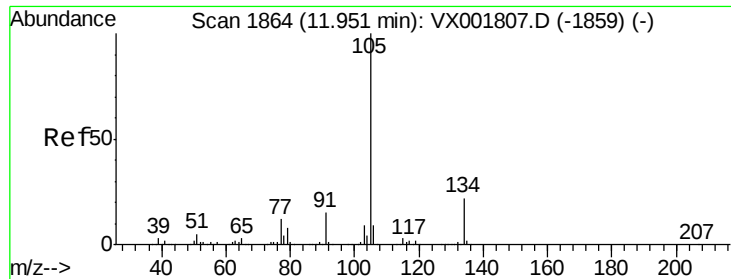
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#80
1,2,4-Trimethylbenzene
Concen: 4.33 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX001812.D
Acq: 18 May 2018 07:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	36718		
120	46.9		0.0	94.6





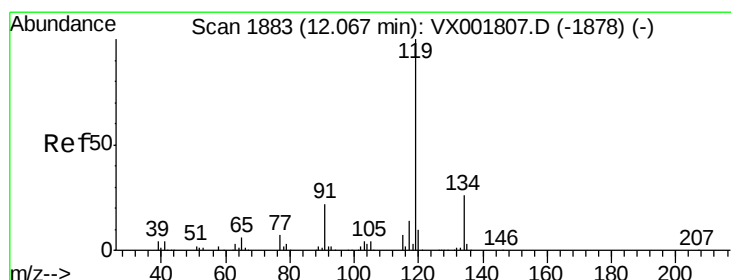
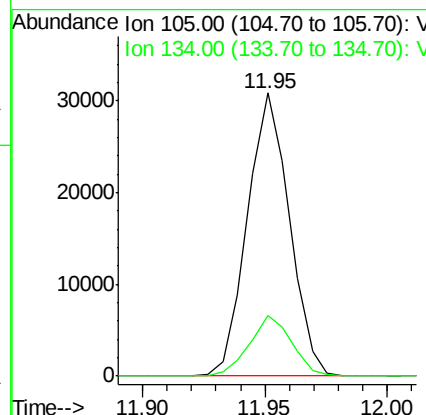
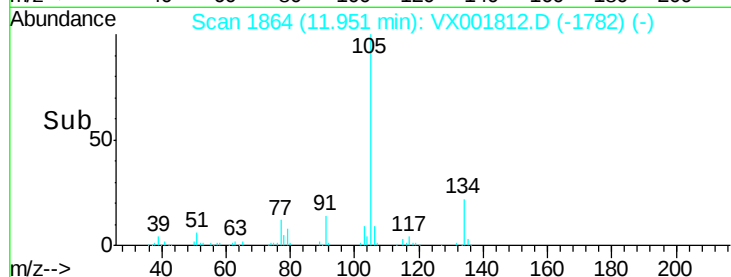
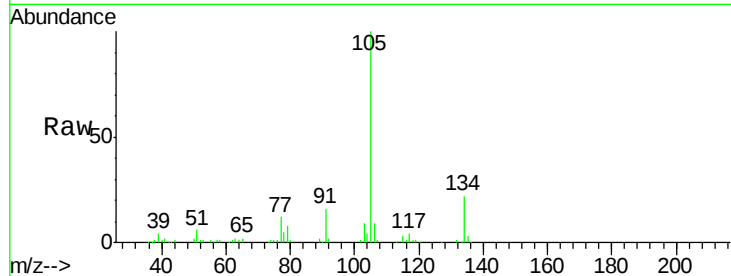
#81
 sec-Butylbenzene
 Concen: 4.15 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001812.D
 Acq: 18 May 2018 07:20

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-NPW-Precision-Bias-1

Tot Ion	Ratio	Resp	Lower	Upper
105	100	36905		
134	21.4	0.0	44.0	

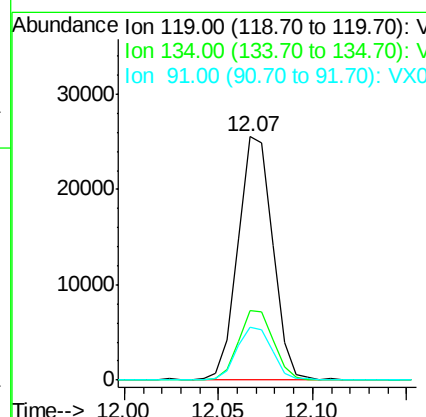
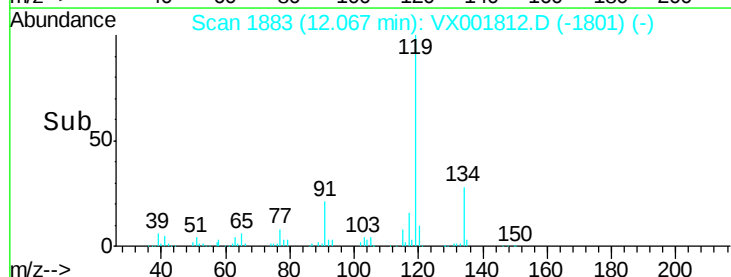
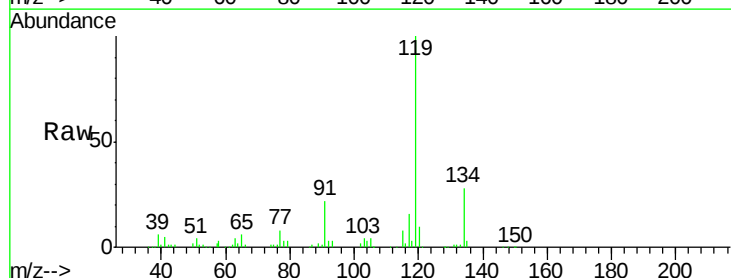
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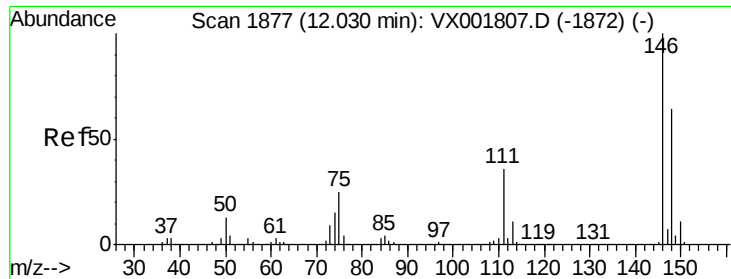
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#82
 p-Isopropyltoluene
 Concen: 4.05 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX001812.D
 Acq: 18 May 2018 07:20

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	32816		
134	28.6	0.0	54.6	
91	22.0	0.0	43.2	





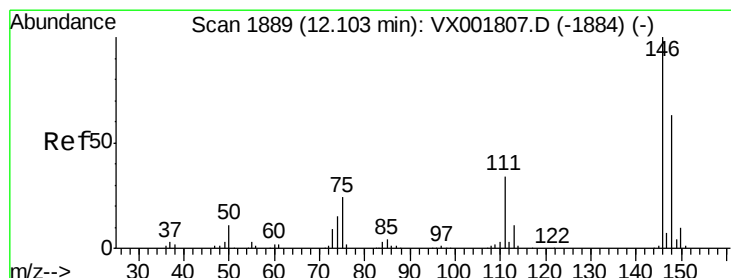
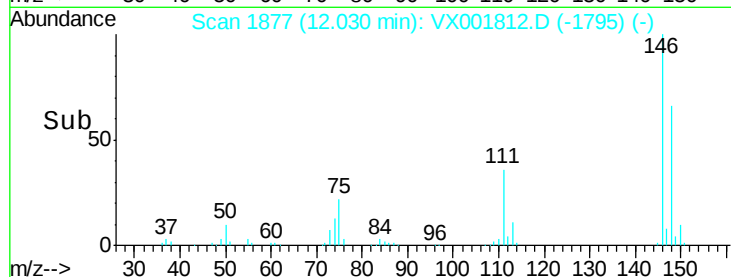
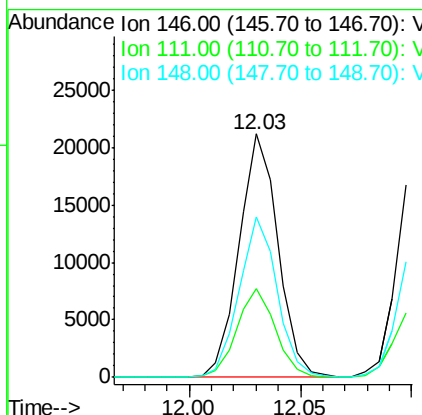
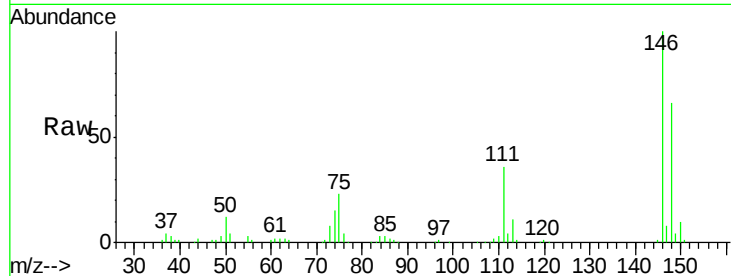
#83
 1,3-Dichlorobenzene
 Concen: 4.74 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001812.D
 Acq: 18 May 2018 07:20

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-NPW-Precision-Bias-1

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.8	18.0	54.0
148	64.5	31.9	95.9

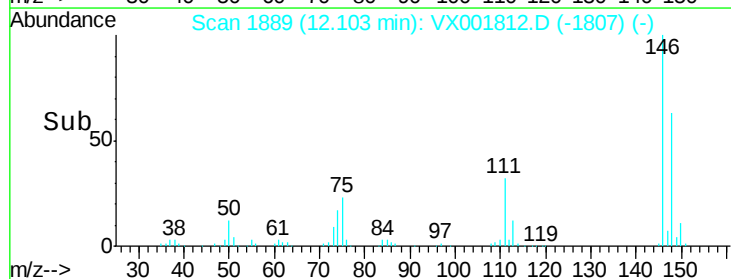
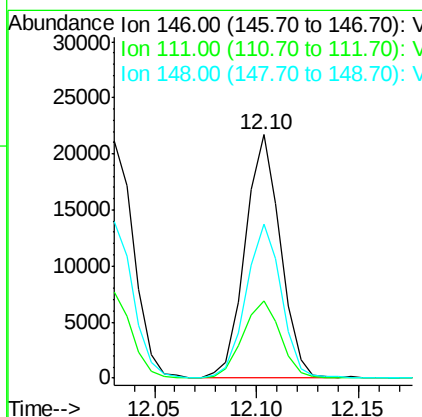
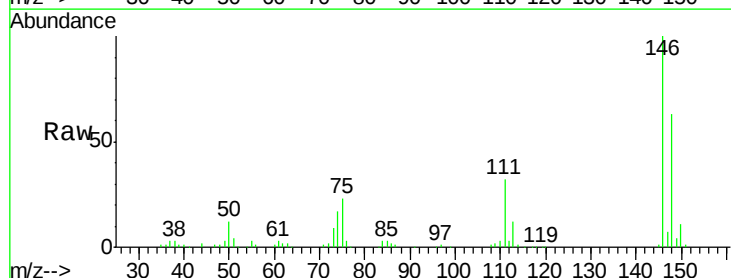
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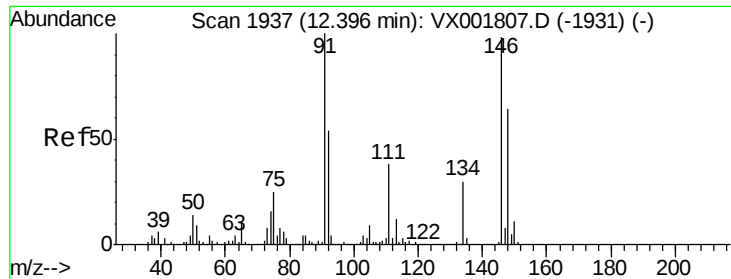
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#84
 1,4-Dichlorobenzene
 Concen: 4.82 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001812.D
 Acq: 18 May 2018 07:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	33.9	17.1	51.2
148	63.5	31.8	95.3





#85

n-Butylbenzene

Concen: 3.78 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VX001812.D

Acq: 18 May 2018 07:20

Instrument :

MSVOA_X

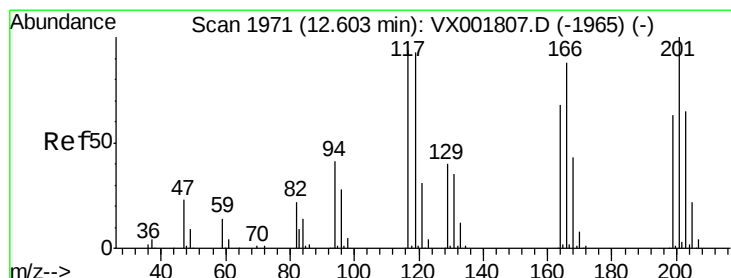
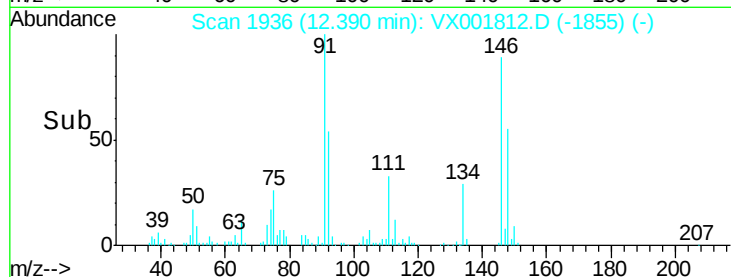
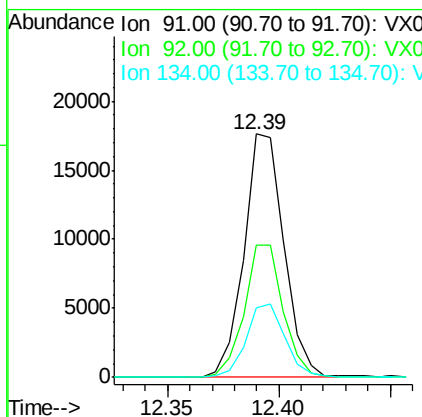
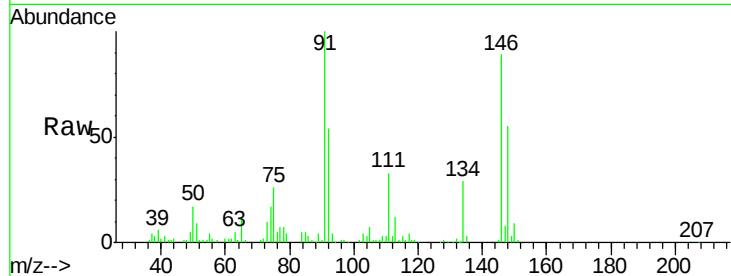
ClientSampleId :

LOQ-NPW-Precision-Bias-1

Tot Ion:	91	Resp:	22196
Ion	Ratio	Lower	Upper
91	100		
92	52.8	0.0	108.2
134	29.2	0.0	57.8

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#86

Hexachloroethane

Concen: 4.41 ug/l

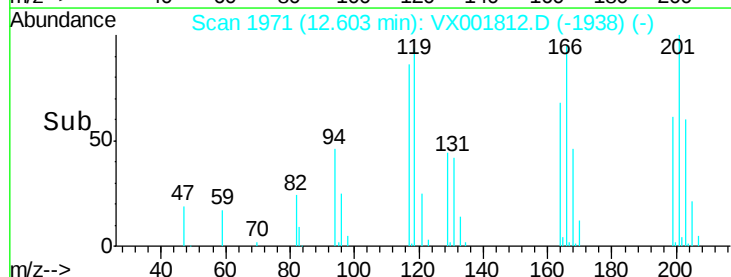
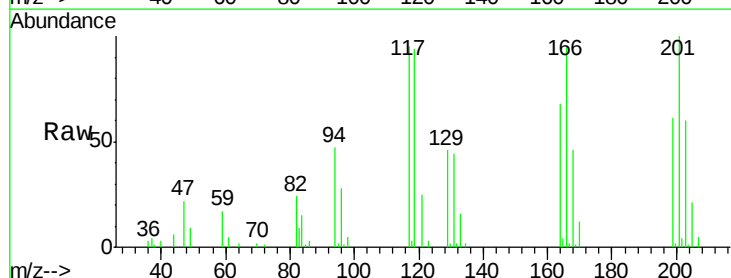
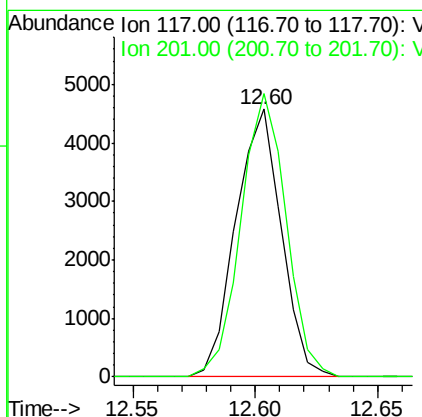
RT: 12.60 min Scan# 1971

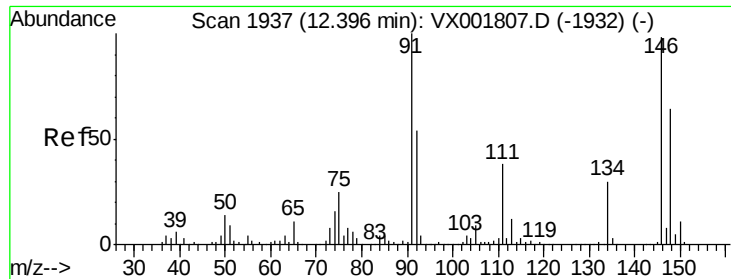
Delta R.T. 0.00 min

Lab File: VX001812.D

Acq: 18 May 2018 07:20

Tgt Ion:	117	Resp:	5944
Ion	Ratio	Lower	Upper
117	100		
201	104.7	53.0	159.0





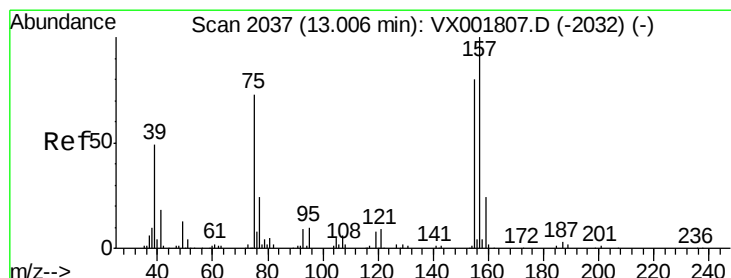
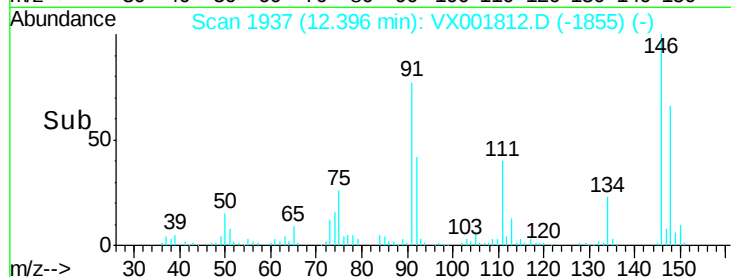
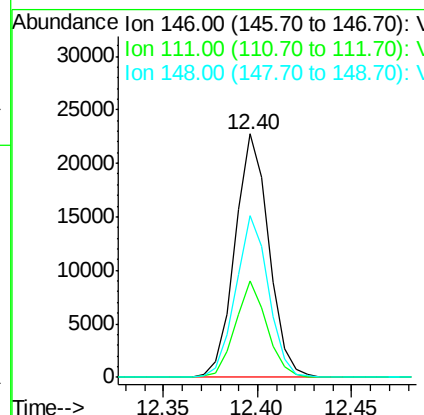
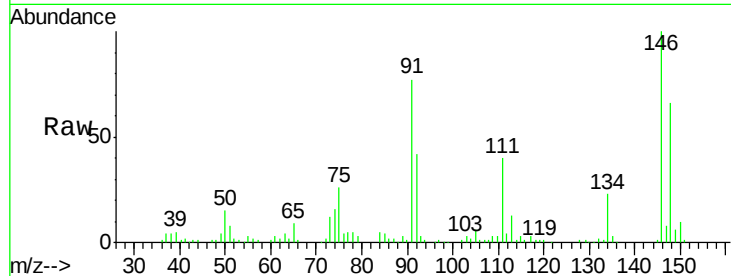
#87
 1,2-Dichlorobenzene
 Concen: 4.79 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001812.D
 Acq: 18 May 2018 07:20

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-NPW-Precision-Bias-1

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.9	56.5
148	64.6	32.9	98.7

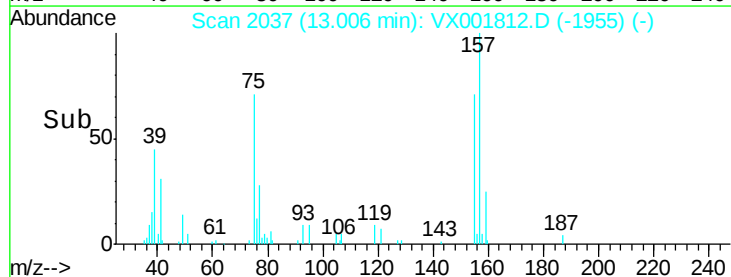
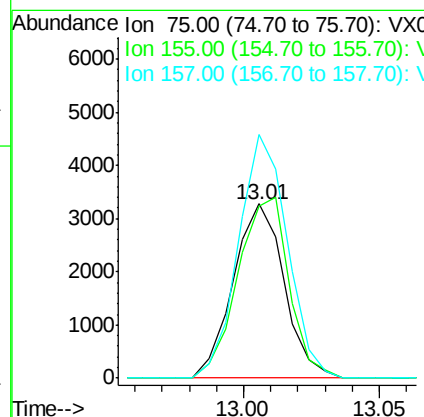
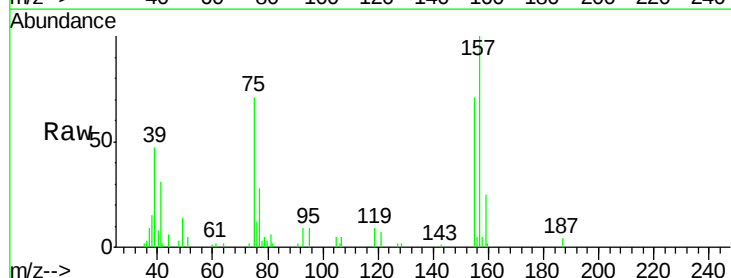
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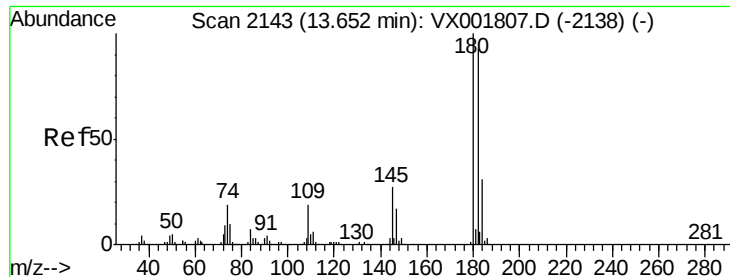
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 4.47 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001812.D
 Acq: 18 May 2018 07:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	104.5	88.5	132.7
157	133.9	111.0	166.4





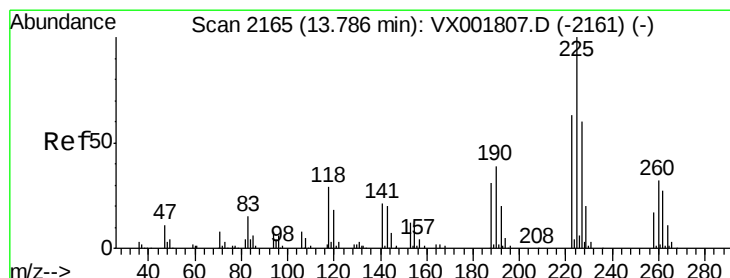
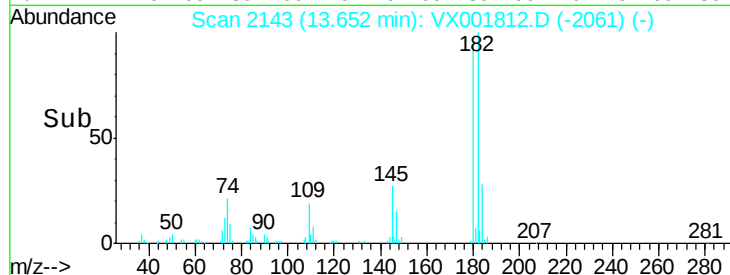
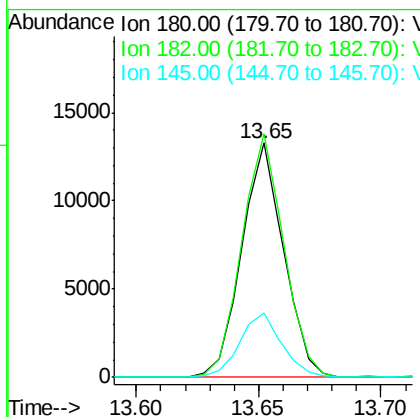
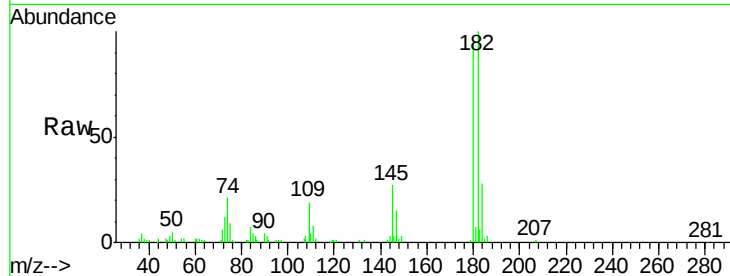
#89
 1,2,4-Trichlorobenzene
 Concen: 4.23 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001812.D
 Acq: 18 May 2018 07:20

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-NPW-Precision-Bias-1

Tot Ion	Ratio	Lower	Upper
180	100		
182	104.5	75.6	113.4
145	27.9	21.6	32.4

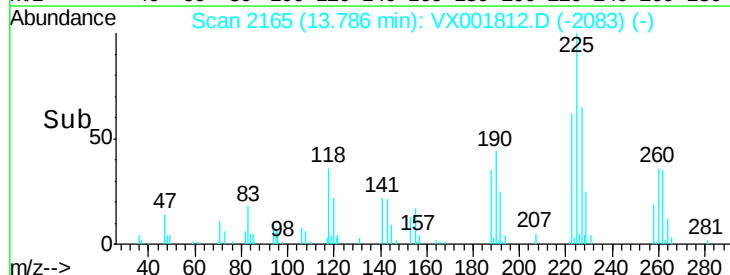
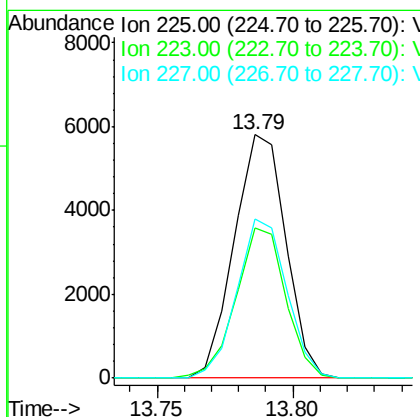
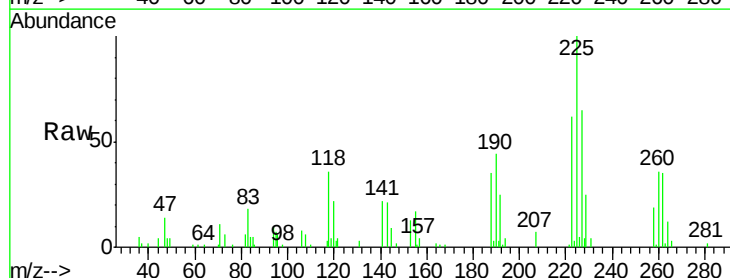
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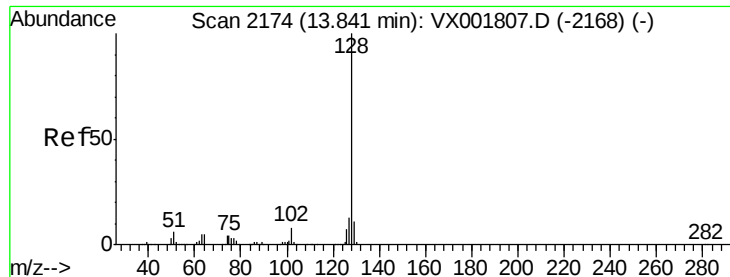
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#90
 Hexachlorobutadiene
 Concen: 4.19 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001812.D
 Acq: 18 May 2018 07:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.5	0.0	123.6
227	63.0	0.0	124.0





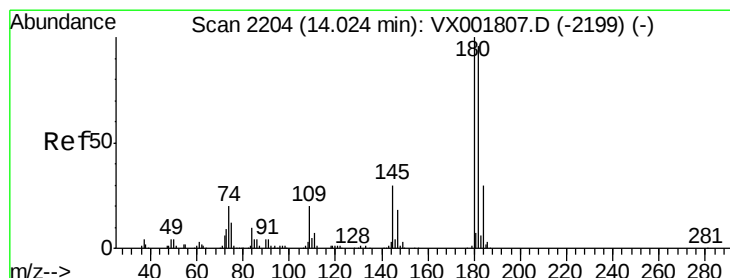
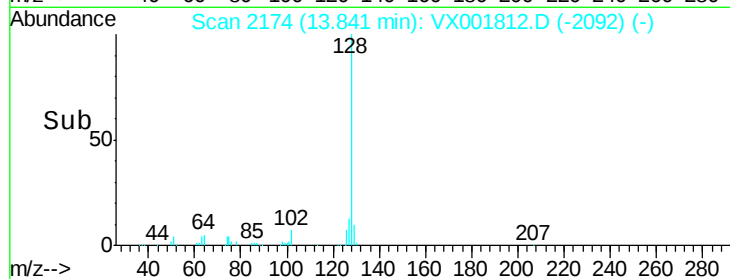
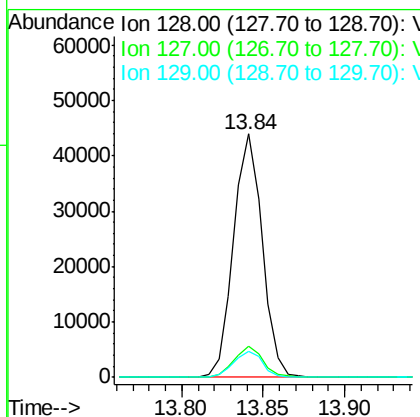
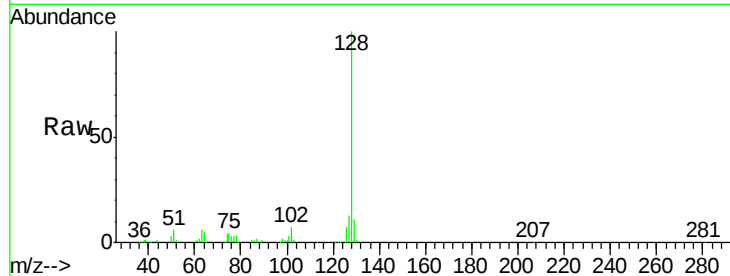
#91
Naphthalene
Concen: 4.16 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001812.D
Acq: 18 May 2018 07:20

Instrument :
MSVOA_X
ClientSampleId :
LOQ-NPW-Precision-Bias-1

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.9	8.7	13.1

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#92
1,2,3-Trichlorobenzene
Concen: 4.53 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX001812.D
Acq: 18 May 2018 07:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	0.0	188.8
145	29.2	0.0	56.6

