

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX022218\
 Data File : VX000128.D
 Acq On : 22 Feb 2018 13:18
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 VSTDCCC020

Manual Integrations
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 2/23/2018 3:52:05 PM

Quant Time: Feb 23 15:06:47 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X022018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 21 06:17:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	24390	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	144373	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	144868	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	59912	31.74	ug/l	-0.01
Spiked Amount	30.000	Range	50 - 169	Recovery	=	105.80%
60) 4-Bromofluorobenzene	11.15	95	70955	29.94	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.80%
63) Toluene-d8	8.73	98	182544	29.42	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.07%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	30495	20.15	ug/l	92
3) Chloromethane	1.32	50	31046	20.46	ug/l	94
4) Vinyl Chloride	1.40	62	33812	18.73	ug/l	100
5) Bromomethane	1.64	94	28297	17.01	ug/l	90
6) Chloroethane	1.73	64	21233	18.38	ug/l	100
7) Trichlorofluoromethane	1.93	101	59015	18.87	ug/l	97
8) Diethyl Ether	2.19	74	21617	19.80	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	32741	19.19	ug/l	95
10) 1,1-Dichloroethene	2.38	96	30362	18.63	ug/l	95
11) Methyl Iodide	2.51	142	33083	20.89	ug/l	95
12) Methyl Acetate	2.78	43	61562	21.14	ug/l	99
13) Acrolein	2.29	56	27866	79.51	ug/l	98
14) Acrylonitrile	3.15	53	129611	102.71	ug/l	98
15) Acetone	2.45	58	42127	102.39	ug/l	97
16) Carbon Disulfide	2.57	76	80632	17.30	ug/l	99
17) Allyl chloride	2.73	41	54469	19.60	ug/l	97
18) Methylene Chloride	2.86	84	34753	19.57	ug/l	96
19) trans-1,2-Dichloroethene	3.17	96	32538	18.35	ug/l	94
20) Diisopropyl ether	3.87	45	100734	22.96	ug/l	90
21) 1,1-Dichloroethane	3.70	63	57826	20.00	ug/l	97
22) cis-1,2-Dichloroethene	4.60	96	31147	18.91	ug/l	96
23) tert-Butyl Alcohol	3.06	59	74903	103.84	ug/l #	100
24) Methyl tert-Butyl Ether	3.21	73	113223	20.16	ug/l	97
25) Chloroform	5.23	83	55231	19.26	ug/l	92
26) Cyclohexane	5.58	56	44654	19.69	ug/l #	98
29) 1,1-Dichloropropene	5.81	75	42721	20.32	ug/l	98
30) 2-Butanone	4.71	43	178173	110.09	ug/l	99
31) 2,2-Dichloropropane	4.59	77	43077	19.05	ug/l	100
32) 1,1,1-Trichloroethane	5.51	97	49715	19.54	ug/l	97
33) Carbon Tetrachloride	5.79	117	42557	18.84	ug/l	99
34) Benzene	6.15	78	122110	20.18	ug/l	94
35) Methacrylonitrile	5.07	41	31383	21.06	ug/l	92
36) 1,2-Dichloroethane	6.21	62	47842	20.85	ug/l	100
37) Trichloroethene	7.22	130	35062	19.61	ug/l	97
38) Methylcyclohexane	7.46	83	52086	20.67	ug/l	98
39) 1,2-Dichloropropane	7.53	63	31353	20.76	ug/l	94
40) Dibromomethane	7.67	93	24632	21.17	ug/l	95

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.91	83	44118	19.95	ug/l	94
42) Vinyl Acetate	3.83	43	497839	120.69	ug/l	99
43) Ethyl Acetate	4.87	43	59108	20.79	ug/l	99
44) Isopropyl Acetate	6.48	43	89212	21.39	ug/l	99
45) 1,4-Dioxane	7.77	88	21604	411.85	ug/l	99
46) Methyl methacrylate	7.79	41	42541	20.97	ug/l	99
47) n-amyl Acetate	10.91	43	76562	21.03	ug/l	97
48) t-1,3-Dichloropropene	8.45	75	53076	20.61	ug/l	95
49) cis-1,3-Dichloropropene	9.05	75	52122	20.80	ug/l	95
50) 1,1,2-Trichloroethane	9.23	97	36746	21.51	ug/l	96
51) Ethyl methacrylate	9.19	69	52026	19.87	ug/l	90
52) 1,3-Dichloropropane	9.38	76	58800	21.45	ug/l	98
53) Dibromochloromethane	9.59	129	37999	19.99	ug/l	99
54) 1,2-Dibromoethane	9.68	107	38826	20.39	ug/l	99
55) 2-Chloroethyl vinyl ether	8.32	63	132844	116.21	ug/l	98
56) Bromoform	10.87	173	29254	19.00	ug/l	98
58) 4-Methyl-2-Pentanone	8.66	43	338481	106.67	ug/l	99
59) 2-Hexanone	9.51	43	286843	106.76	ug/l	98
61) Tetrachloroethene	9.34	164	31978	18.18	ug/l	95
62) Toluene	8.79	91	144709	19.20	ug/l	99
64) Chlorobenzene	10.15	112	99573	19.55	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.23	131	34018	18.86	ug/l	97
66) Ethyl Benzene	10.26	91	168932	19.64	ug/l	99
67) m/p-Xylenes	10.37	106	130479	38.69	ug/l	99
68) o-Xylene	10.71	106	62854	19.19	ug/l	97
69) Styrene	10.72	104	105396	19.42	ug/l	99
70) Isopropylbenzene	11.02	105	170558	19.26	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	60903	19.99	ug/l	100
72) 1,2,3-Trichloropropane	11.30	75	59026m	21.60	ug/l	
73) Bromobenzene	11.26	156	43886	18.90	ug/l	97
74) n-propylbenzene	11.37	91	207674	20.01	ug/l	98
75) 2-Chlorotoluene	11.43	91	115601	19.37	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	146763	19.56	ug/l	70
77) t-1,4-Dichloro-2-butene	11.08	75	18802	19.45	ug/l	97
78) 4-Chlorotoluene	11.52	91	140182	19.61	ug/l	100
79) tert-butylbenzene	12.07	119	163066	21.83	ug/l	96
80) 1,2,4-Trimethylbenzene	11.82	105	154448	20.18	ug/l	96
81) sec-Butylbenzene	11.96	105	185944	20.14	ug/l	98
82) p-Isopropyltoluene	12.07	119	163066	19.80	ug/l	98
83) 1,3-Dichlorobenzene	12.03	146	85432	19.33	ug/l	98
84) 1,4-Dichlorobenzene	12.10	146	87151	18.92	ug/l	98
85) n-Butylbenzene	12.40	91	158095	20.46	ug/l	99
86) Hexachloroethane	12.60	117	24933	18.12	ug/l	99
87) 1,2-Dichlorobenzene	12.40	146	85316	19.48	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.01	75	17559	20.61	ug/l	94
89) 1,2,4-Trichlorobenzene	13.65	180	62442	19.41	ug/l	97
90) Hexachlorobutadiene	13.79	225	26508	19.13	ug/l	98
91) Naphthalene	13.84	128	223611	19.89	ug/l	99
92) 1,2,3-Trichlorobenzene	14.03	180	61416	18.99	ug/l	99

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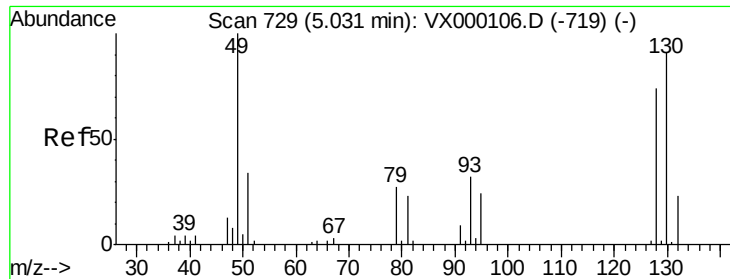
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.01 min

Lab File: VX000128.D

Acq: 22 Feb 2018 13:18

Instrument :

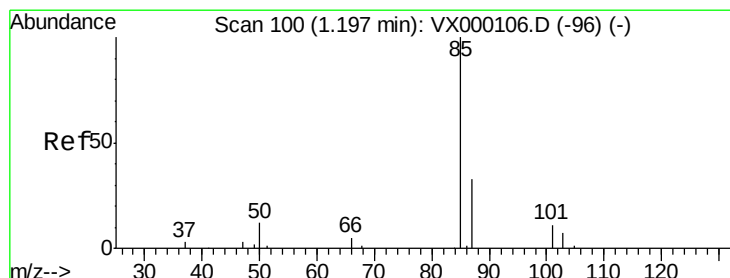
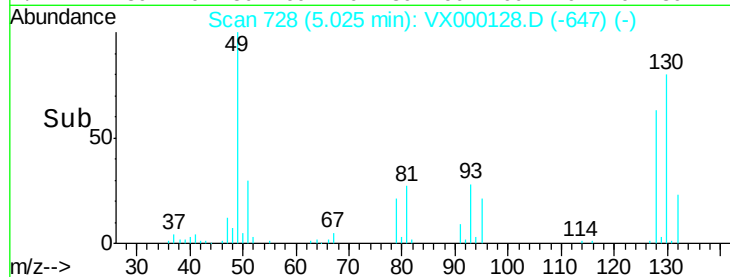
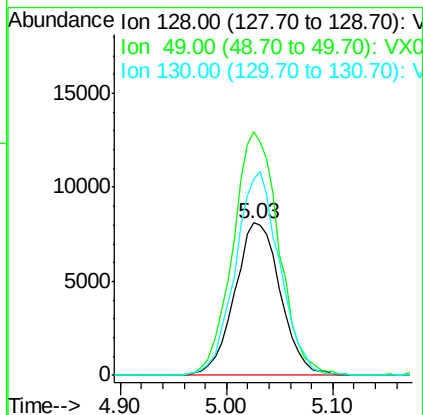
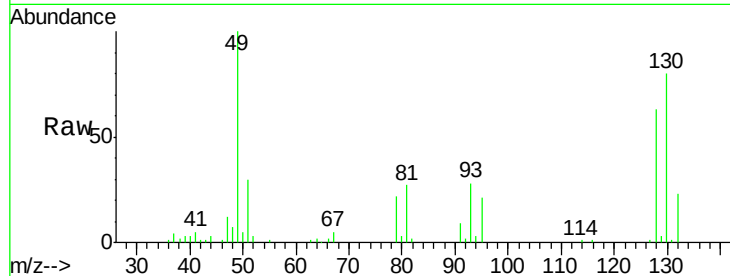
ClientSampleId :

VSTDCCC020

Tot Ion:	128	Resp:	24390
Ion	Ratio	Lower	Upper
128	100		
49	160.4	0.0	378.3
130	129.9	0.0	324.3

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#2

Dichlorodifluoromethane

Concen: 20.15 ug/l

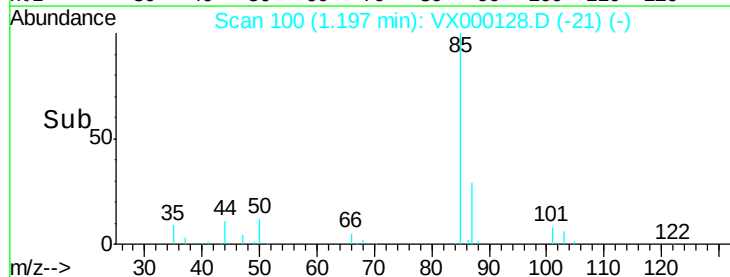
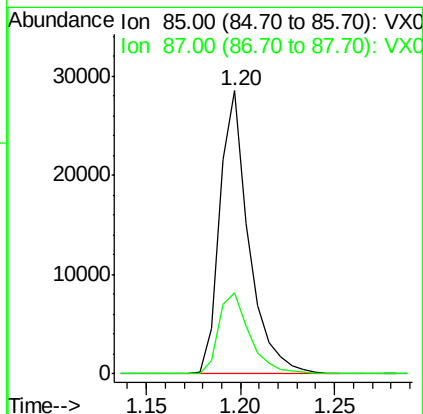
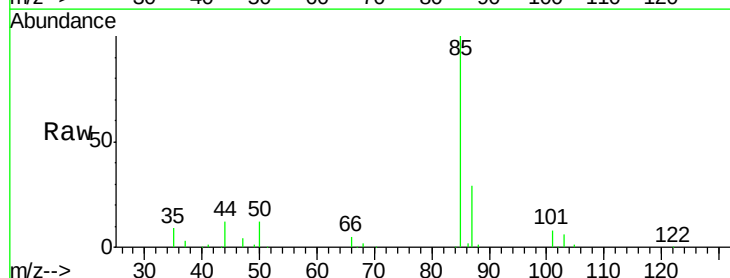
RT: 1.20 min Scan# 100

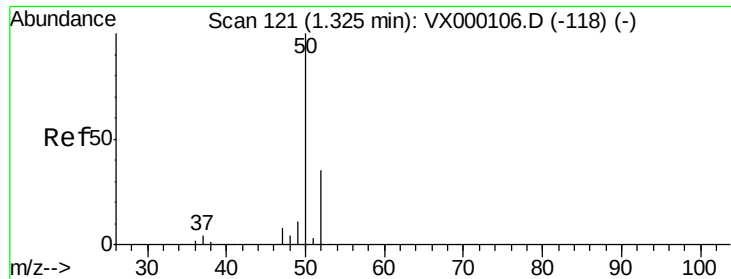
Delta R.T. 0.00 min

Lab File: VX000128.D

Acq: 22 Feb 2018 13:18

Tgt Ion:	85	Resp:	30495
Ion	Ratio	Lower	Upper
85	100		
87	28.5	16.6	49.7





#3

Chloromethane

Concen: 20.46 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000128.D

Acq: 22 Feb 2018 13:18

Instrument :

ClientSampled :

VSTDCCC020

Tot Ion: 50 Resp: 31046

Ion Ratio Lower Upper

50 100

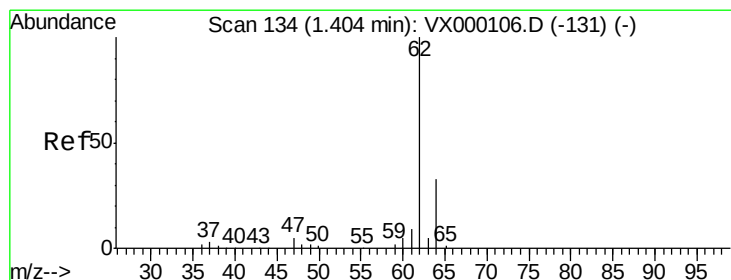
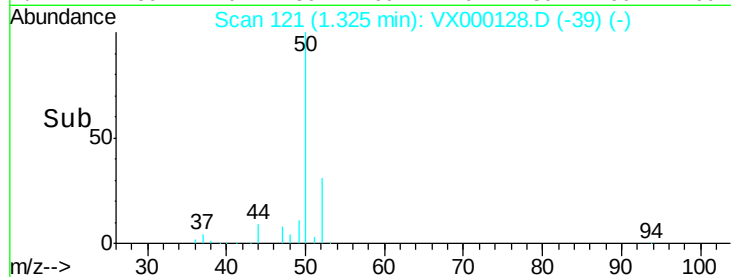
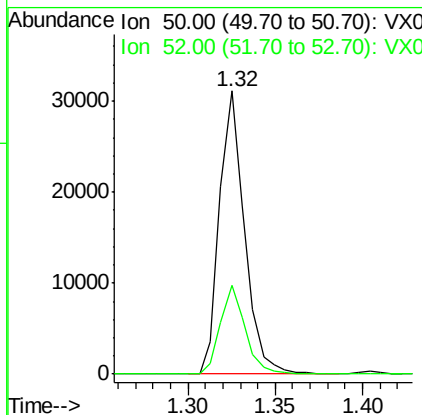
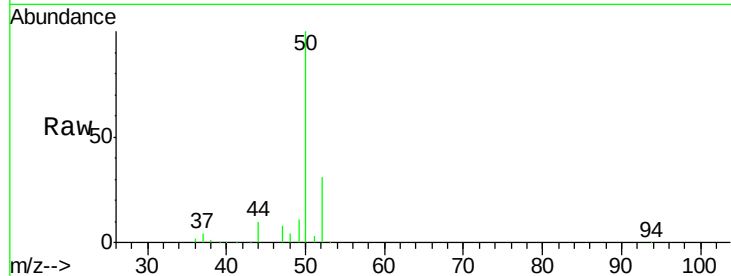
52 31.3 27.8 41.6

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#4

Vinyl Chloride

Concen: 18.73 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX000128.D

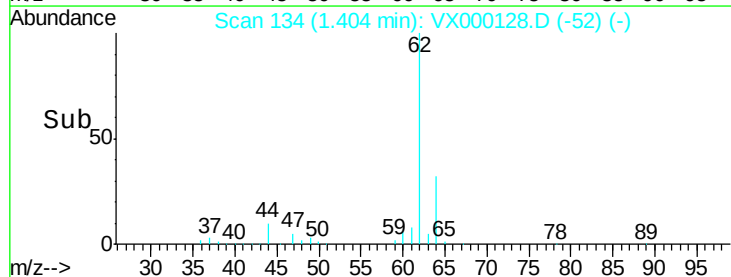
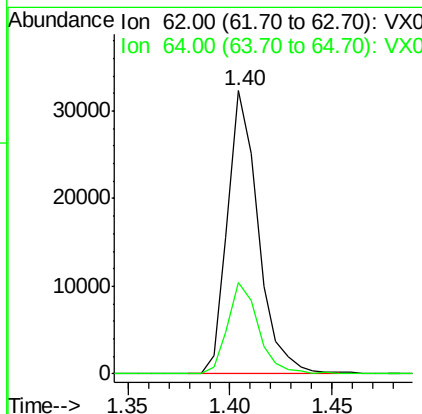
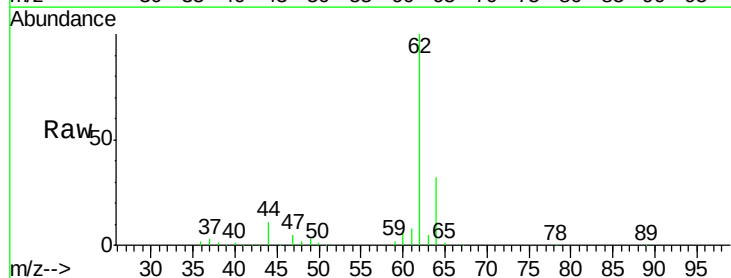
Acq: 22 Feb 2018 13:18

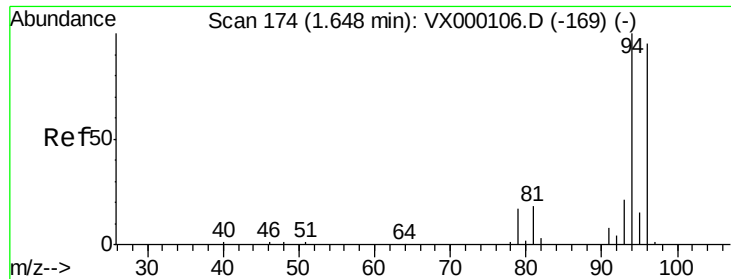
Tgt Ion: 62 Resp: 33812

Ion Ratio Lower Upper

62 100

64 32.5 26.0 39.0





#5

Bromomethane

Concen: 17.01 ug/l

RT: 1.64 min Scan# 173

Delta R.T. -0.01 min

Lab File: VX000128.D

Acq: 22 Feb 2018 13:18

Instrument :

ClientSampled :

VSTDCCC020

Tot Ion: 94 Resp: 28297

Ion Ratio Lower Upper

94 100

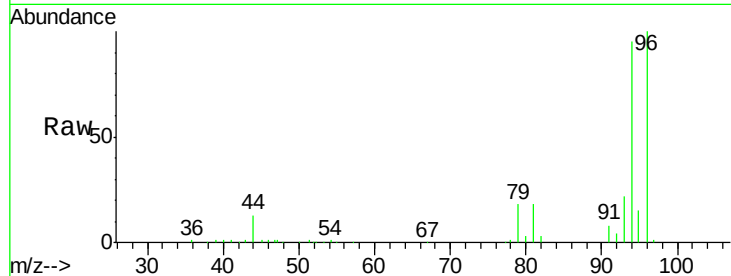
96 105.3 76.2 114.2

Manual Integrations

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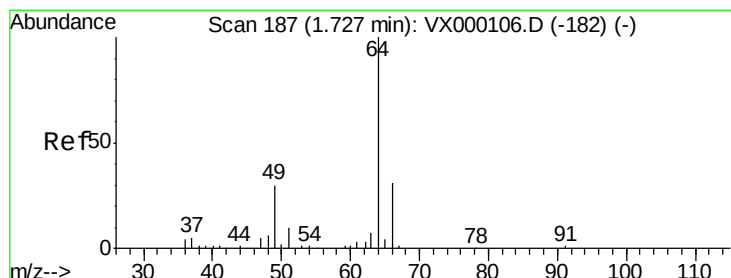
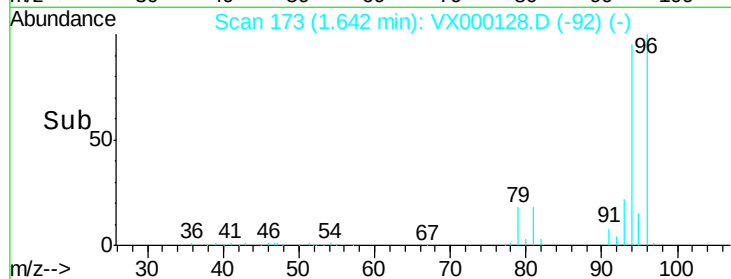
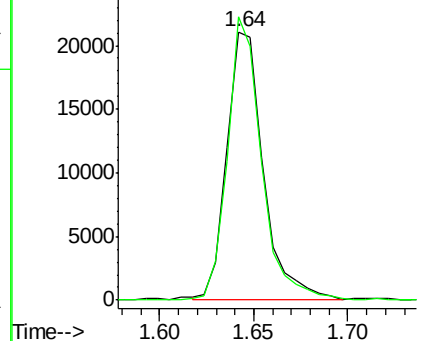
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 18.38 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000128.D

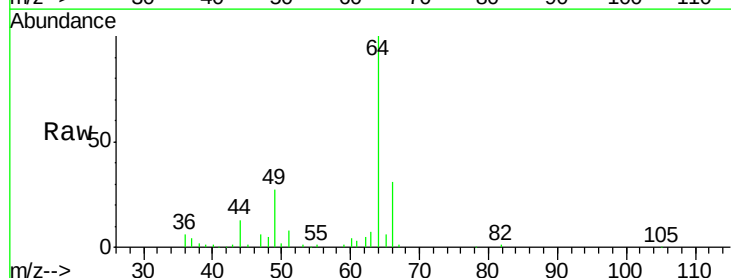
Acq: 22 Feb 2018 13:18

Tgt Ion: 64 Resp: 21233

Ion Ratio Lower Upper

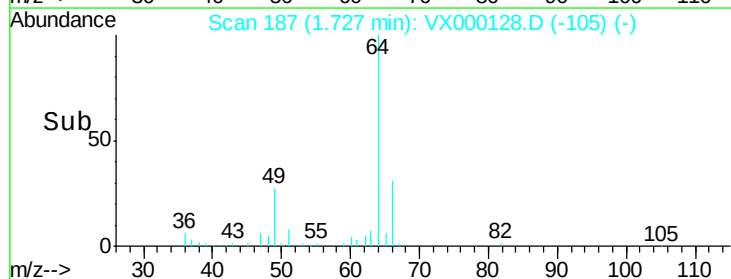
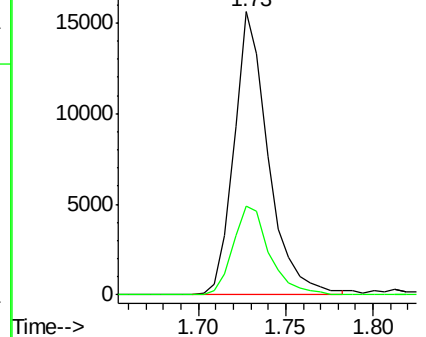
64 100

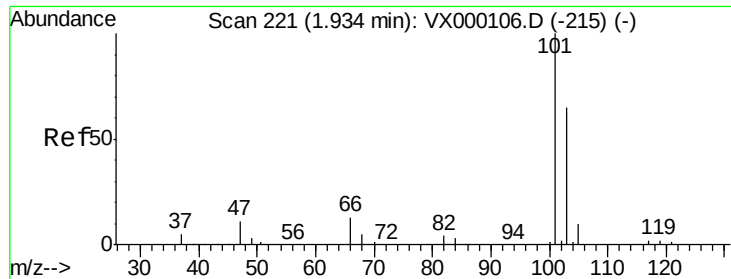
66 31.2 25.2 37.8



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

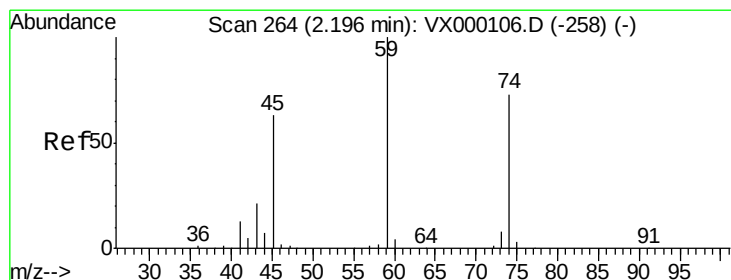
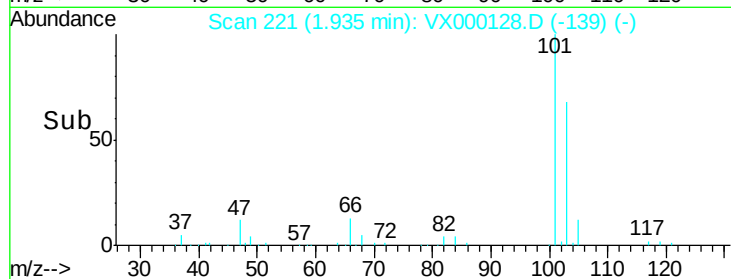
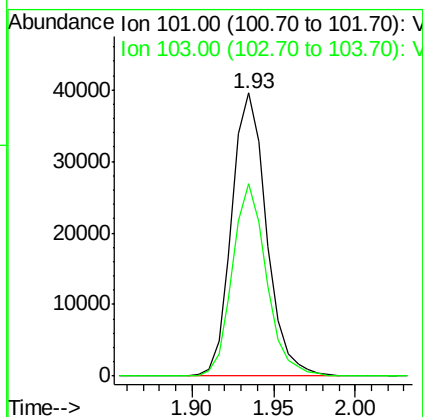
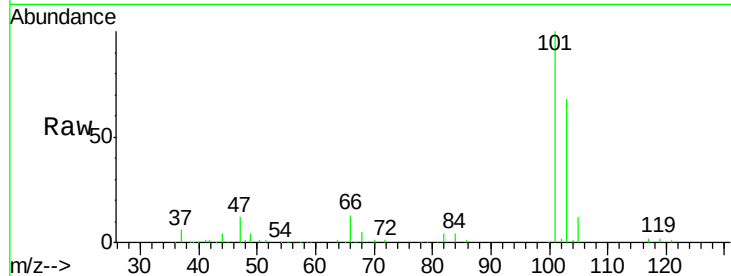
Trichlorofluoromethane
Concen: 18.87 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX000128.D
Acq: 22 Feb 2018 13:18

Instrument :
ClientSampled :
VSTDCCC020

Tot Ion:101 Resp: 59015
Ion Ratio Lower Upper
101 100
103 68.0 52.2 78.4

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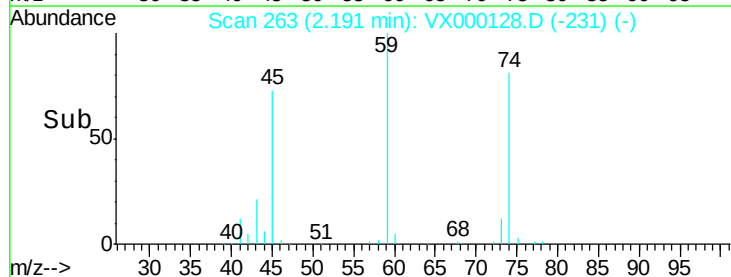
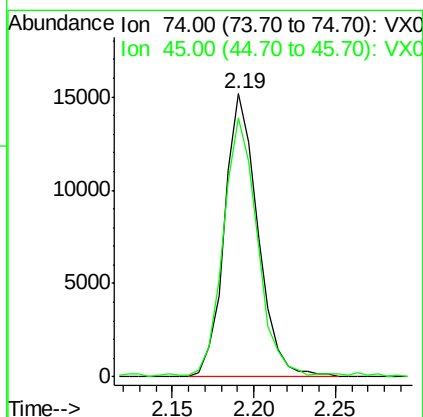
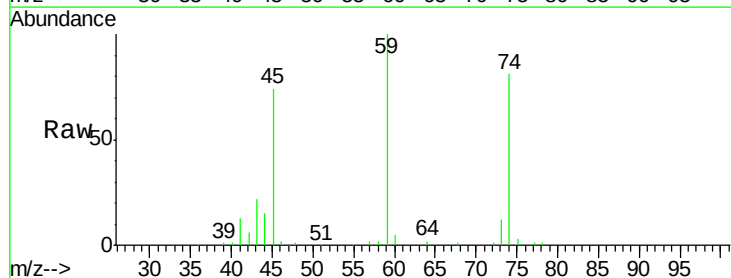
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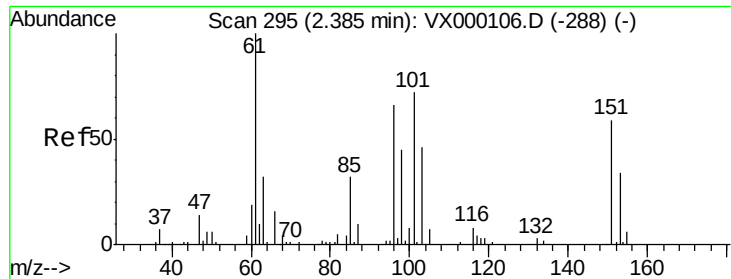


#8

Diethyl Ether
Concen: 19.80 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX000128.D
Acq: 22 Feb 2018 13:18

Tgt Ion: 74 Resp: 21617
Ion Ratio Lower Upper
74 100
45 92.3 17.8 159.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.19 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX000128.D

Acq: 22 Feb 2018 13:18

Instrument :

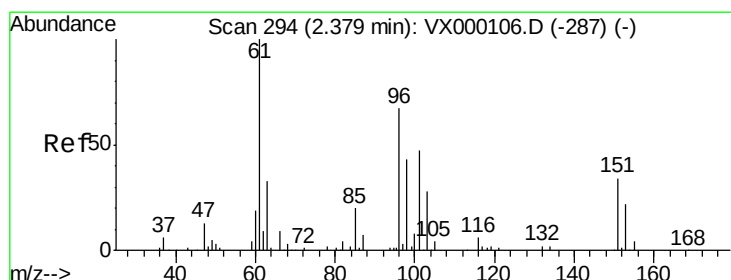
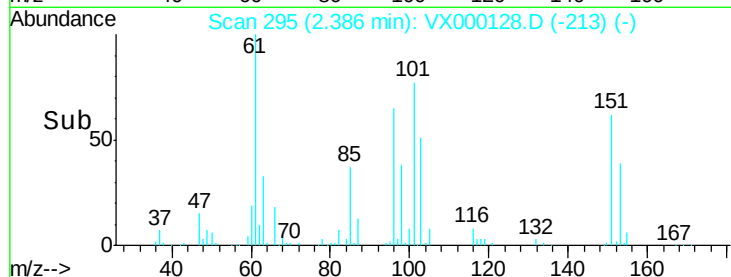
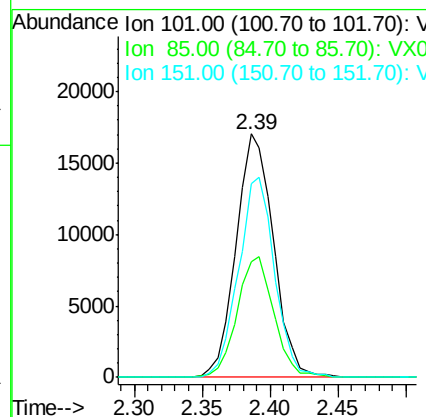
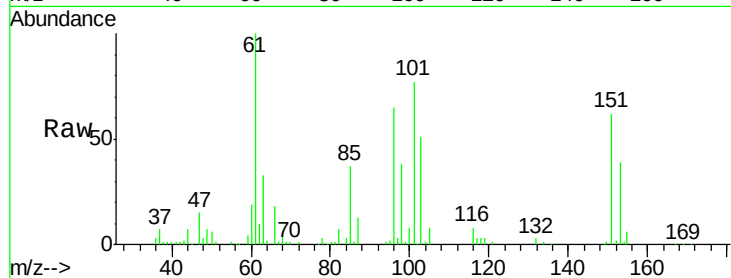
ClientSampled :

VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
101	100	32741		
85	48.4	0.0	90.4	
151	79.3	0.0	167.6	

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#10

1,1-Dichloroethene

Concen: 18.63 ug/l

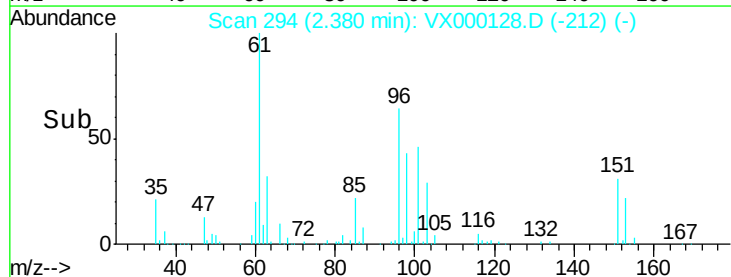
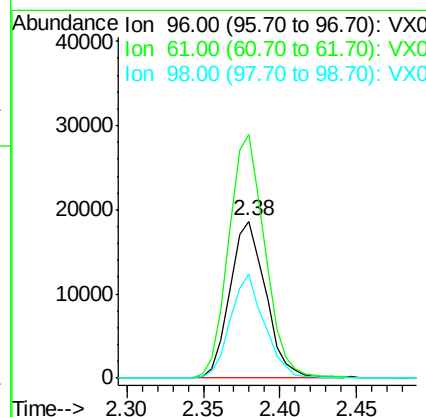
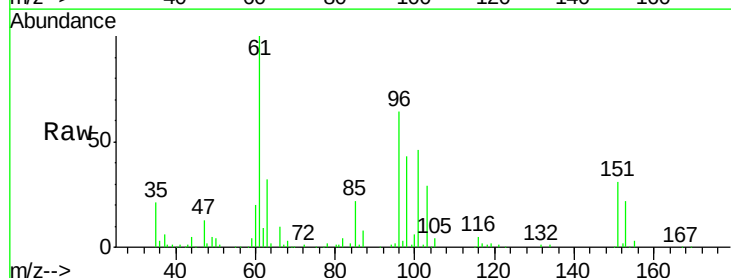
RT: 2.38 min Scan# 294

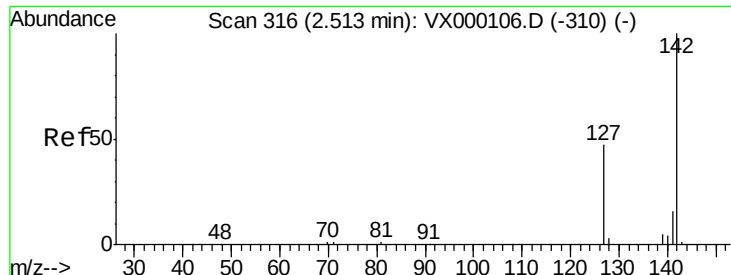
Delta R.T. 0.00 min

Lab File: VX000128.D

Acq: 22 Feb 2018 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	30362		
61	154.7	118.6	178.0	
98	66.6	51.0	76.6	





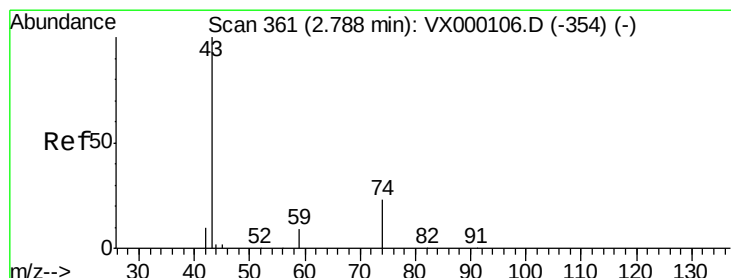
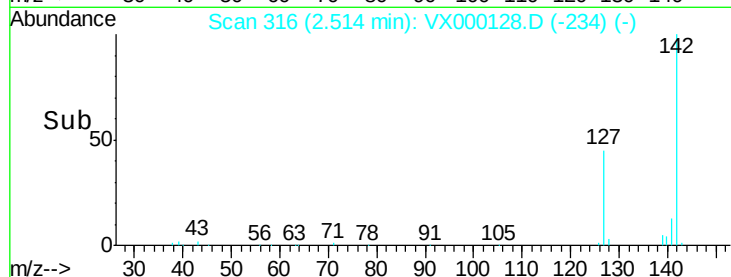
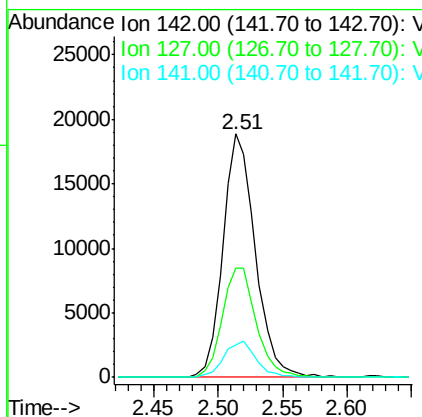
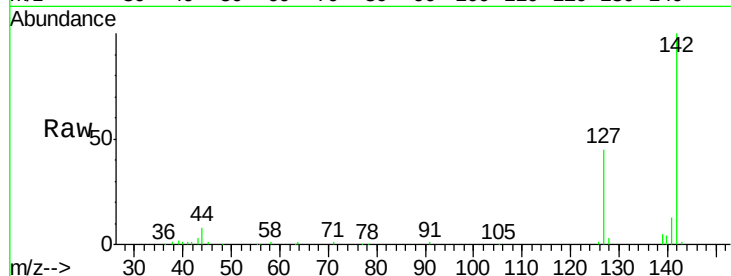
#11
Methvl Iodide
Concen: 20.89 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX000128.D
Acq: 22 Feb 2018 13:18

Instrument :
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
142	100		
127	44.9	23.8	71.5
141	13.2	8.2	24.4

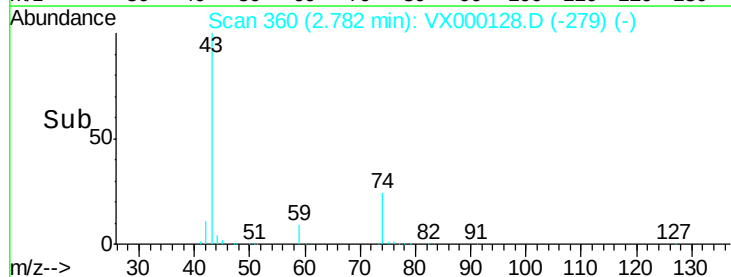
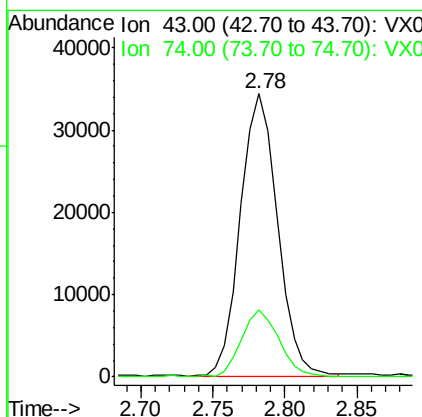
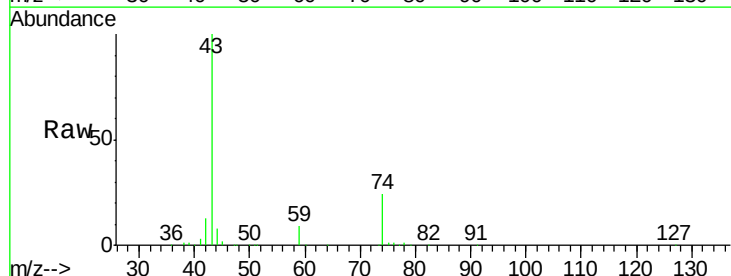
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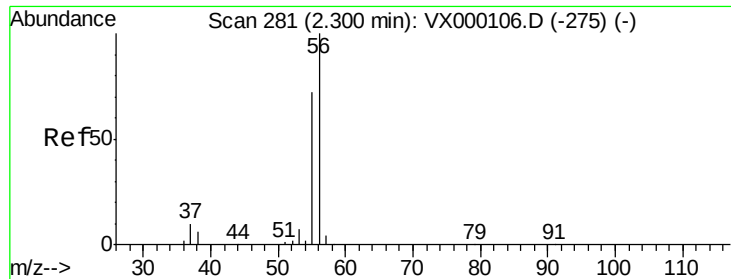
apatel
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#12
Methyl Acetate
Concen: 21.14 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000128.D
Acq: 22 Feb 2018 13:18

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	18.6	27.8





#13

Acrolein

Concen: 79.51 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX000128.D

Acq: 22 Feb 2018 13:18

Instrument :

ClientSampled :

VSTDCCC020

Tot Ion: 56 Resp: 27866

Ion Ratio Lower Upper

56 100

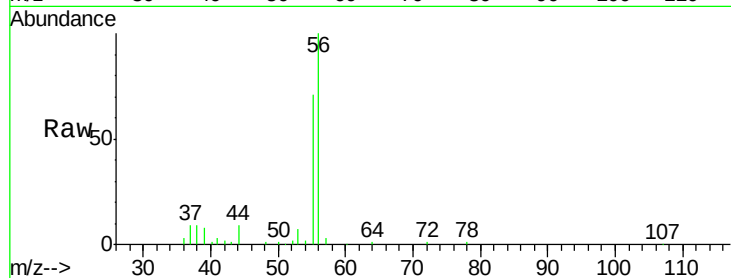
55 73.4 57.3 85.9

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

20000

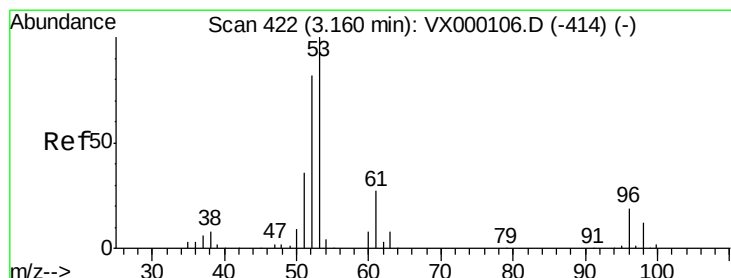
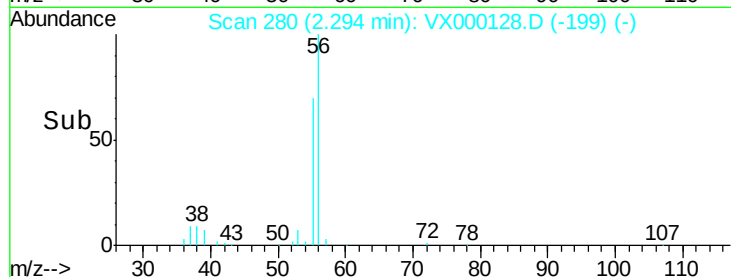
15000

10000

5000

0

Time-->



#14

Acrylonitrile

Concen: 102.71 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000128.D

Acq: 22 Feb 2018 13:18

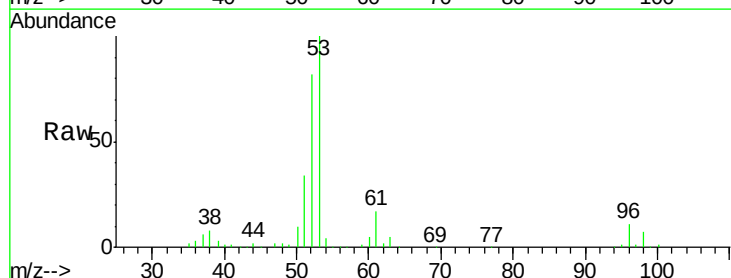
Tgt Ion: 53 Resp: 129611

Ion Ratio Lower Upper

53 100

52 82.2 41.9 125.8

51 36.2 18.8 56.3



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

80000

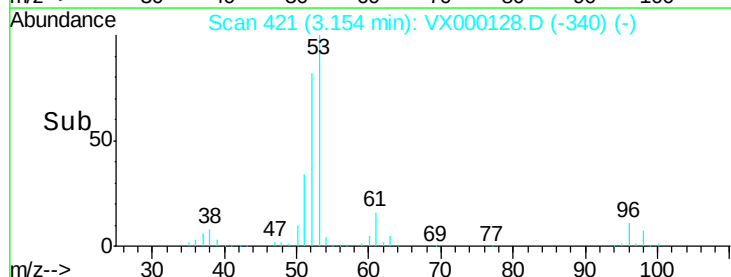
60000

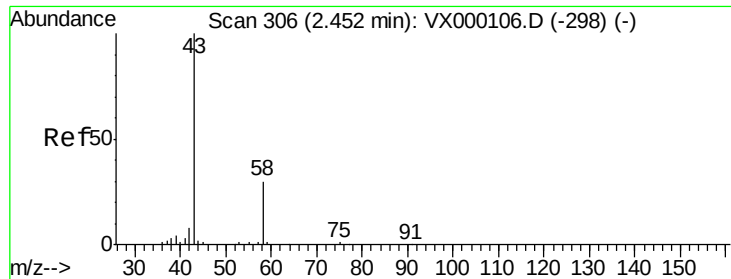
40000

20000

0

Time-->





#15

Acetone

Concen: 102.39 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000128.D

Acq: 22 Feb 2018 13:18

Instrument :

ClientSampled :

VSTDCCC020

Tot Ion: 58 Resp: 42127

Ion Ratio Lower Upper

58 100

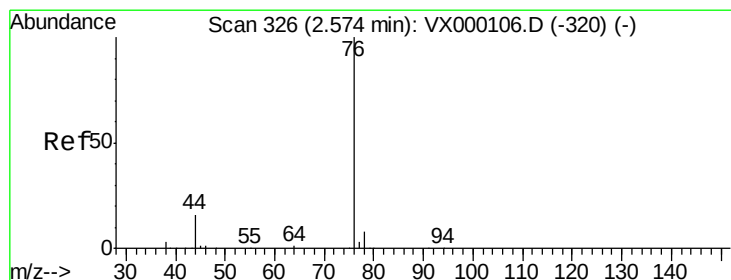
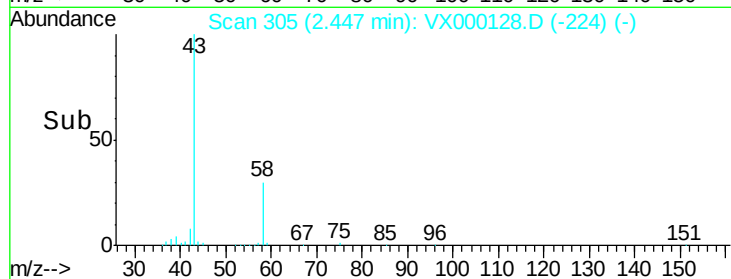
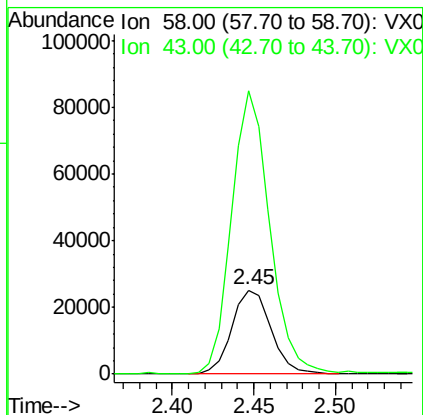
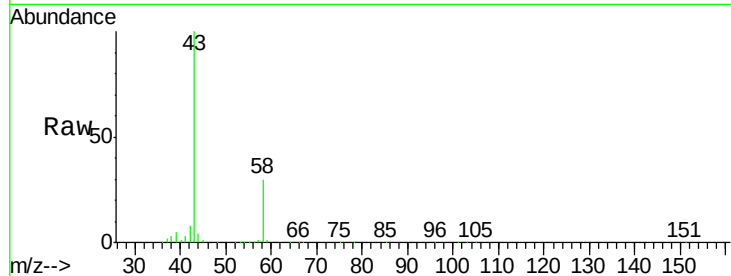
43 336.5 264.6 396.8

Manual Integrations

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#16

Carbon Disulfide

Concen: 17.30 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000128.D

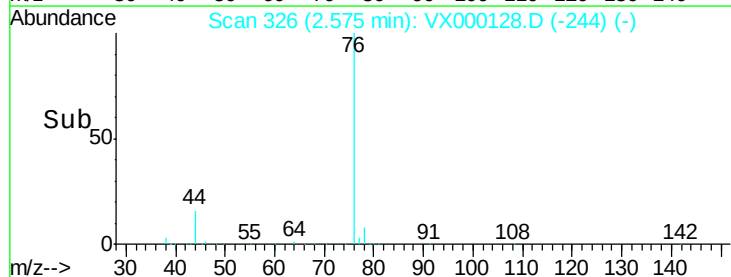
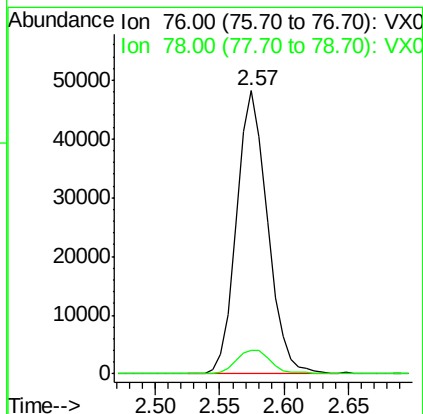
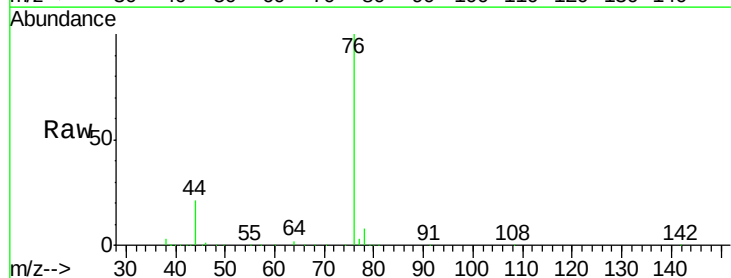
Acq: 22 Feb 2018 13:18

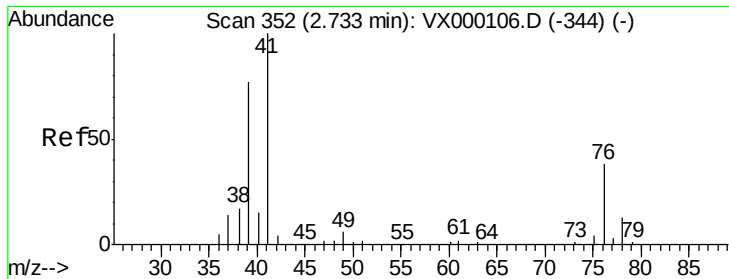
Tgt Ion: 76 Resp: 80632

Ion Ratio Lower Upper

76 100

78 8.3 6.8 10.2





#17

Allvl chloride

Concen: 19.60 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000128.D

Acq: 22 Feb 2018 13:18

Instrument :

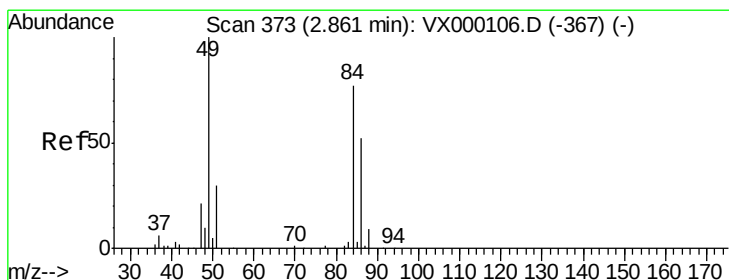
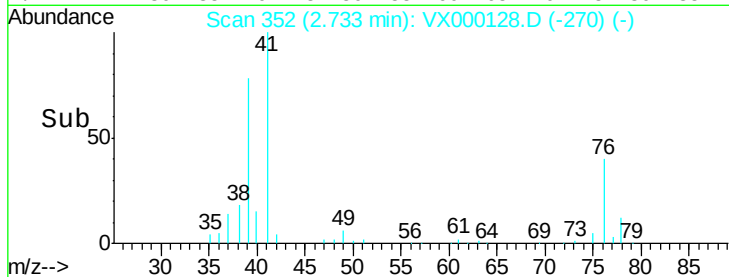
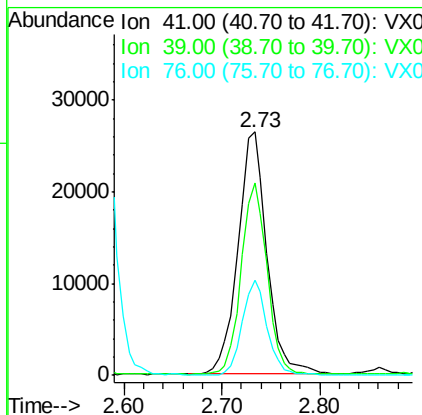
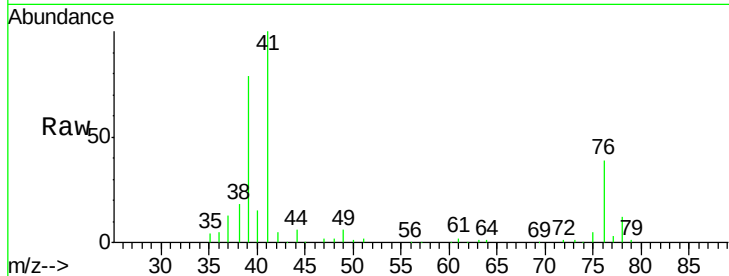
ClientSampled :

VSTDCCC020

Tot Ion:	41	Resp:	54469
Ion	Ratio	Lower	Upper
41	100		
39	78.8	38.5	115.5
76	39.5	18.7	56.1

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#18

Methylene Chloride

Concen: 19.57 ug/l

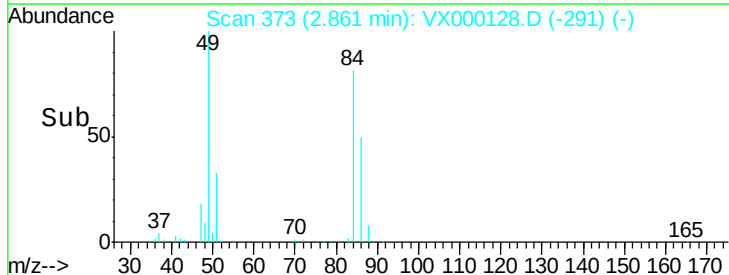
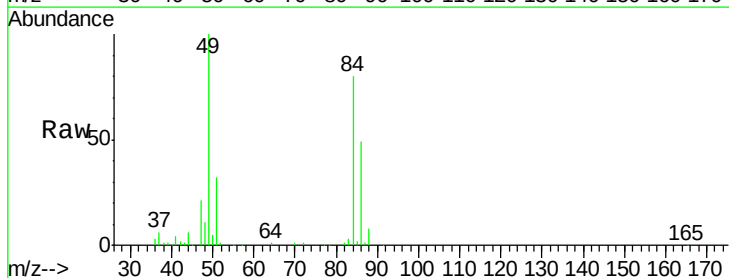
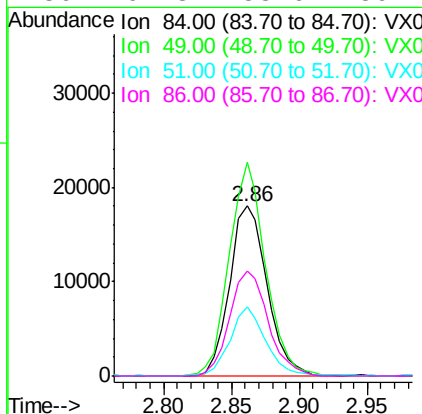
RT: 2.86 min Scan# 373

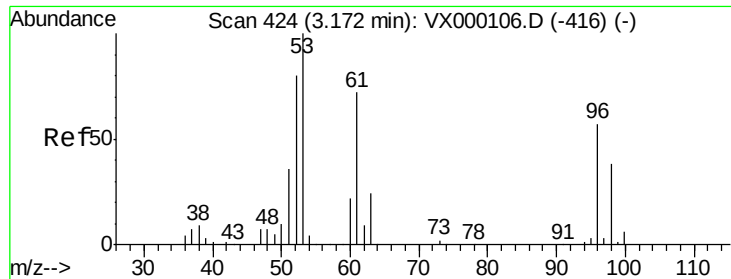
Delta R.T. 0.00 min

Lab File: VX000128.D

Acq: 22 Feb 2018 13:18

Tgt Ion:	84	Resp:	34753
Ion	Ratio	Lower	Upper
84	100		
49	125.2	103.3	154.9
51	40.0	31.2	46.8
86	61.8	53.6	80.4





#19

trans-1,2-Dichloroethene

Concen: 18.35 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000128.D

Acq: 22 Feb 2018 13:18

Instrument :

ClientSampleId :

VSTDCCC020

Tot Ion: 96 Resp: 32538

Ion Ratio Lower Upper

96 100

61 135.3 101.0 151.6

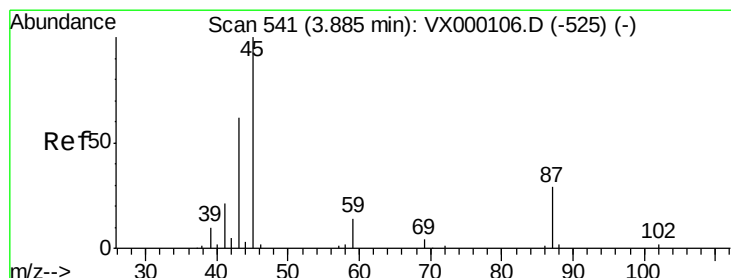
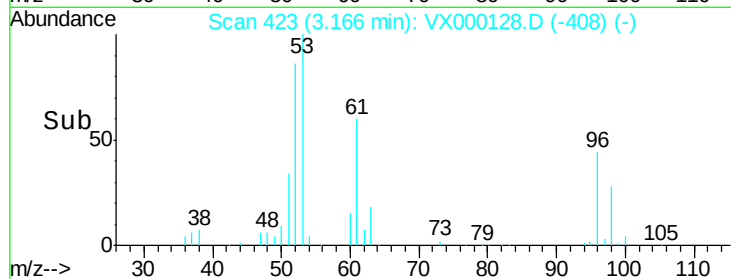
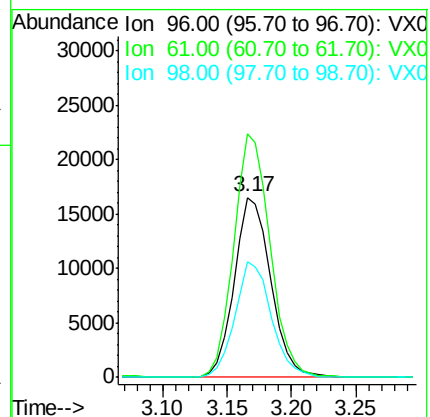
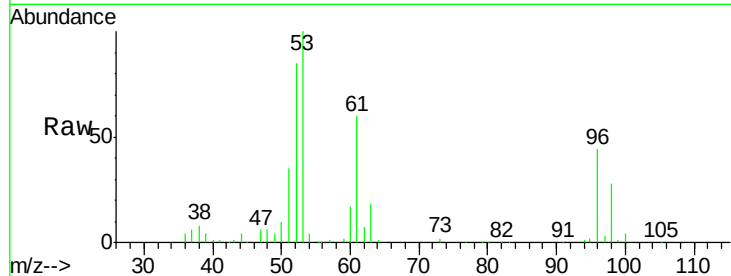
98 63.9 53.3 79.9

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#20

Diisopropyl ether

Concen: 22.96 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX000128.D

Acq: 22 Feb 2018 13:18

Tgt Ion: 45 Resp: 100734

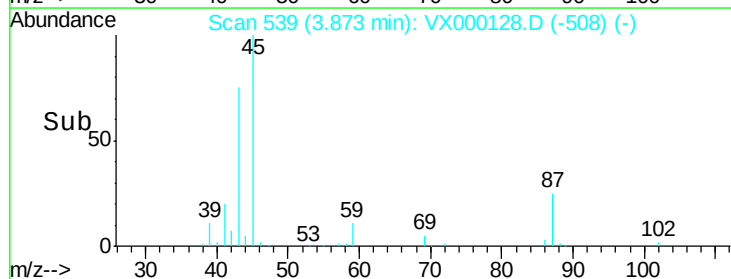
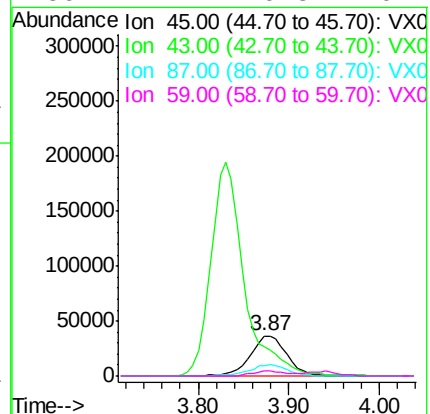
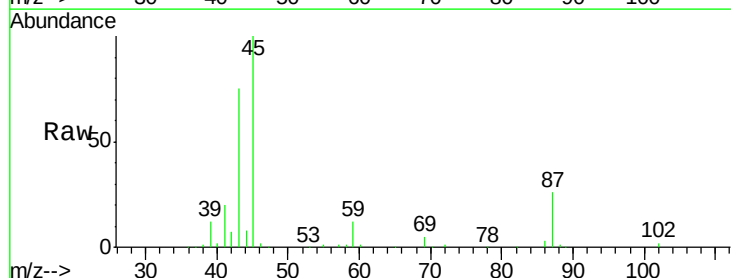
Ion Ratio Lower Upper

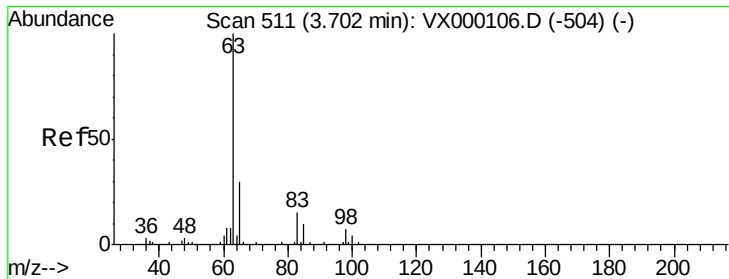
45 100

43 72.4 49.6 74.4

87 25.9 23.1 34.7

59 11.7 10.8 16.2





#21

1,1-Dichloroethane

Concen: 20.00 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000128.D

Acq: 22 Feb 2018 13:18

Instrument :

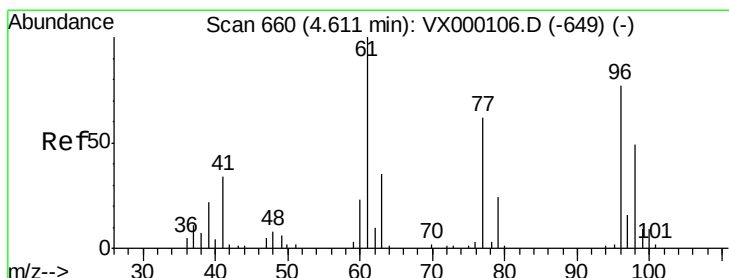
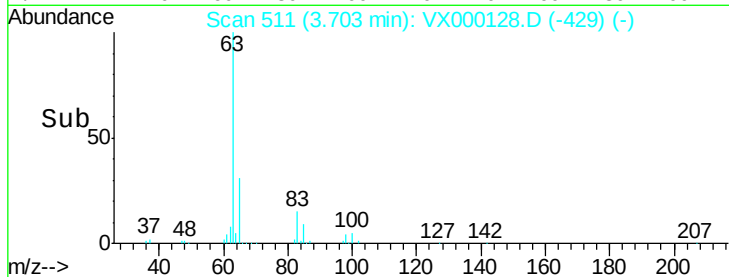
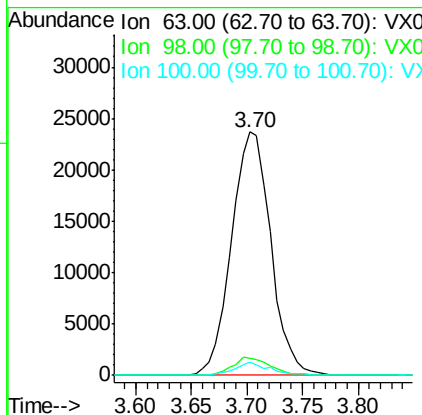
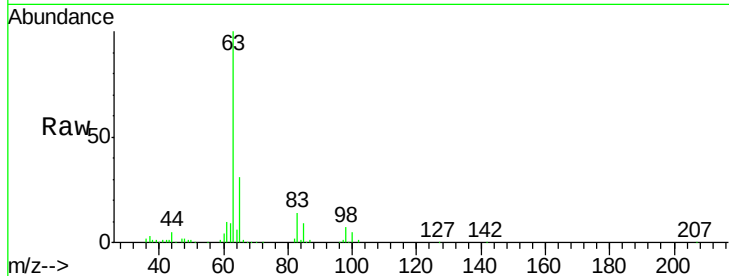
ClientSampled :

VSTDCCC020

Tot Ion:	63	Resp:	57826
Ion	Ratio	Lower	Upper
63	100		
98	7.3	3.3	9.9
100	5.4	2.1	6.5

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 18.91 ug/l

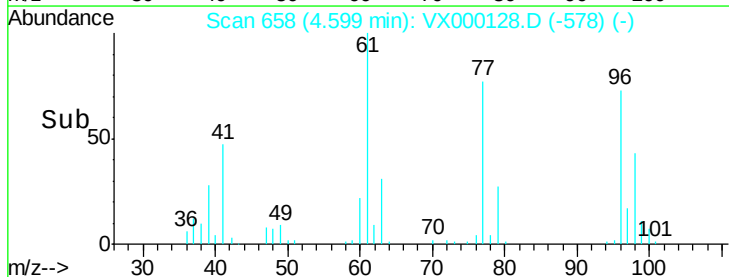
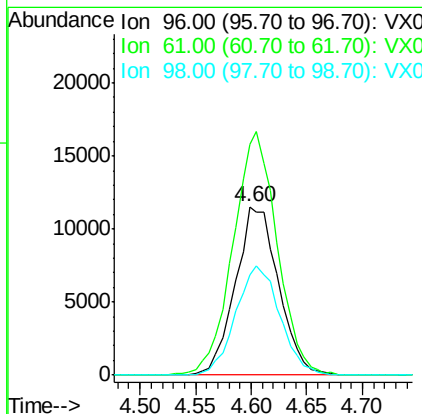
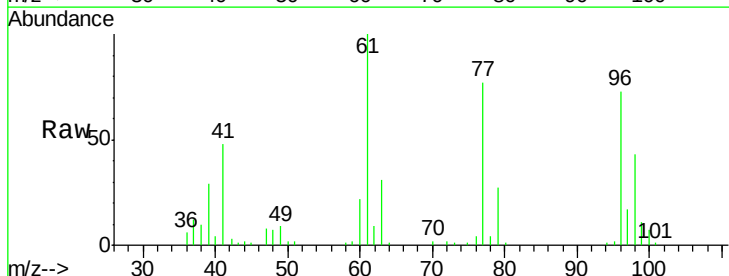
RT: 4.60 min Scan# 658

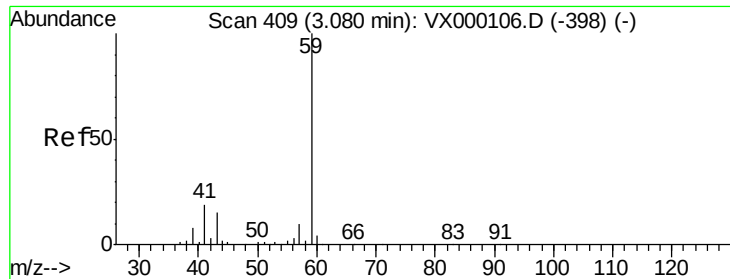
Delta R.T. -0.01 min

Lab File: VX000128.D

Acq: 22 Feb 2018 13:18

Tgt Ion:	96	Resp:	31147
Ion	Ratio	Lower	Upper
96	100		
61	147.1	113.5	170.3
98	66.4	51.8	77.8





#23

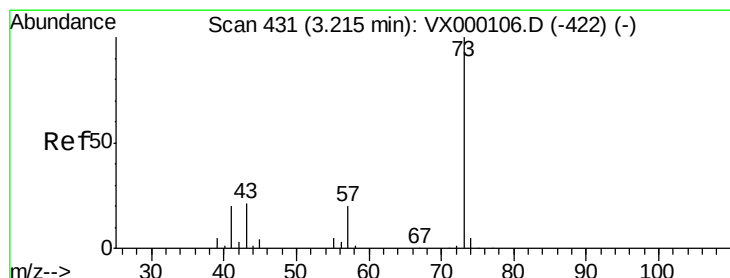
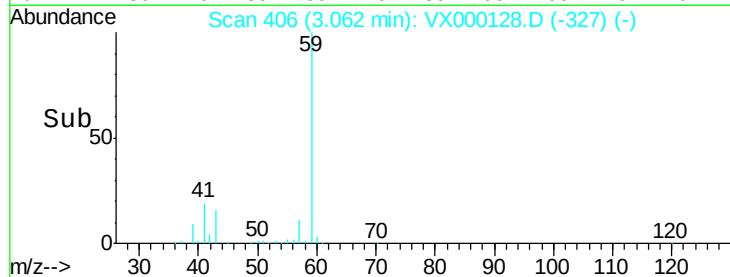
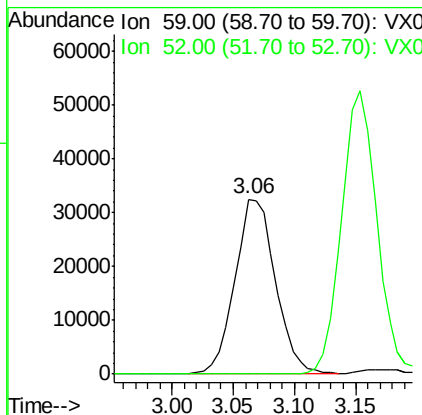
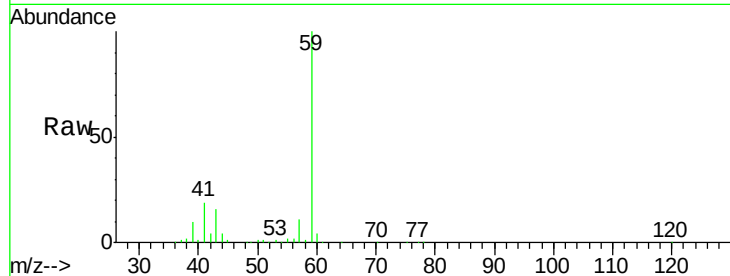
tert-Butyl Alcohol
 Concen: 103.84 ug/l
 RT: 3.06 min Scan# 406
 Delta R.T. -0.02 min
 Lab File: VX000128.D
 Acq: 22 Feb 2018 13:18

Instrument :
 ClientSampled :
 VSTDCCC020

Tot Ion: 59 Resp: 74903
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.1 0.1#

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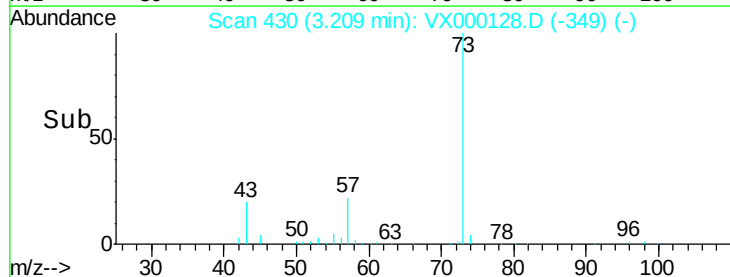
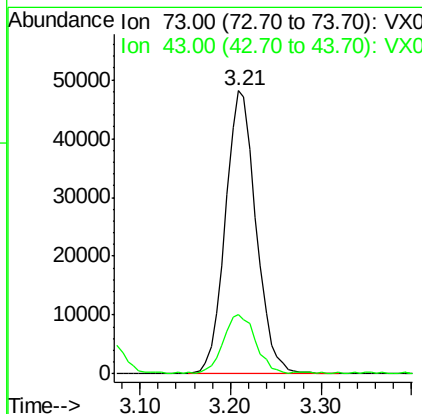
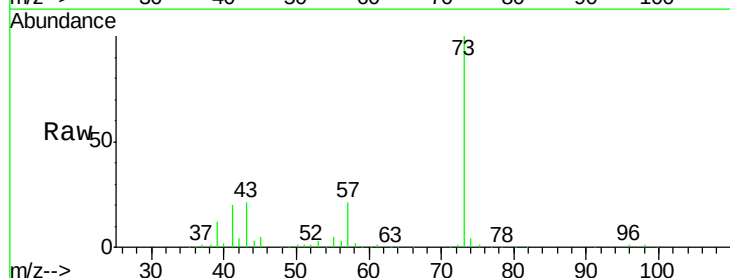
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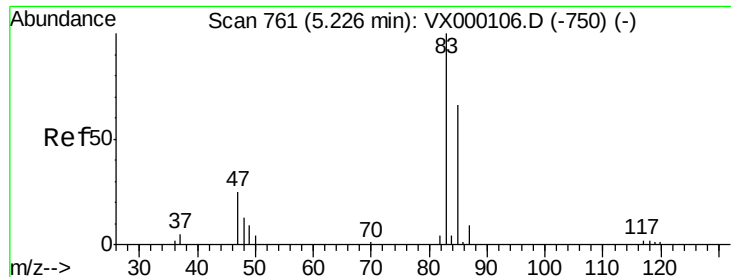


#24

Methyl tert-Butyl Ether
 Concen: 20.16 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.01 min
 Lab File: VX000128.D
 Acq: 22 Feb 2018 13:18

Tgt Ion: 73 Resp: 113223
 Ion Ratio Lower Upper
 73 100
 43 21.9 16.5 24.7





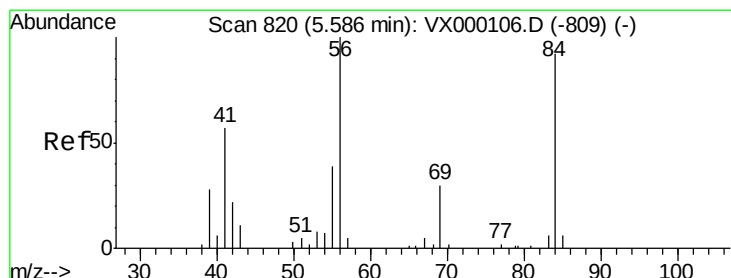
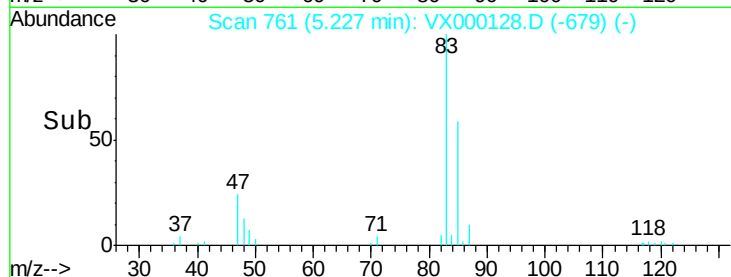
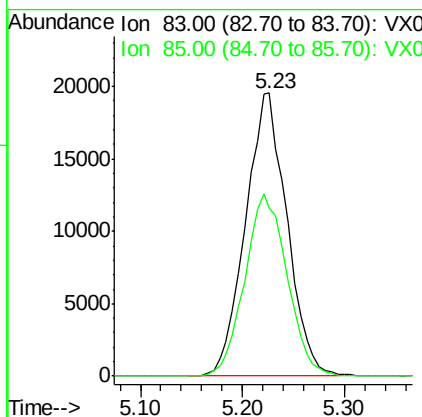
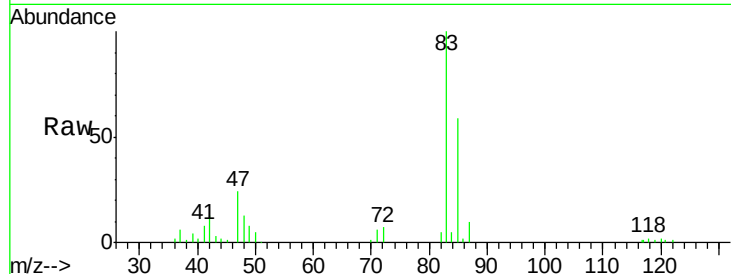
#25
Chloroform
Concen: 19.26 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX000128.D
Acq: 22 Feb 2018 13:18

Instrument :
ClientSampled :
VSTDCCC020

Tot Ion: 83 Resp: 55231
Ion Ratio Lower Upper
83 100
85 59.3 52.5 78.7

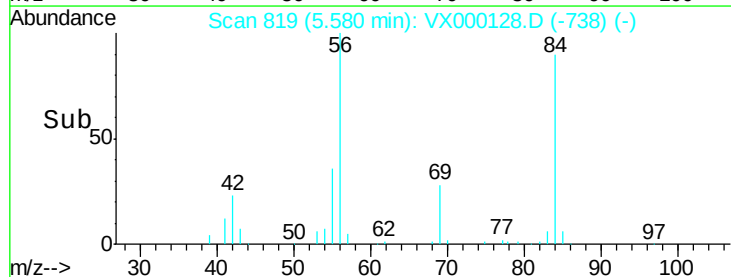
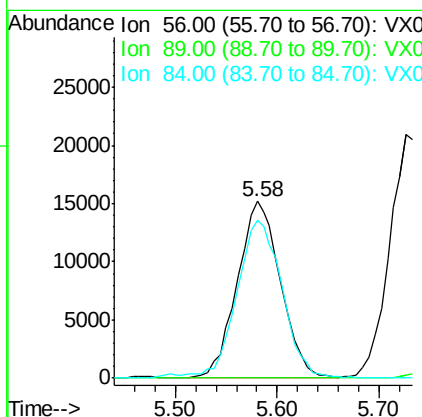
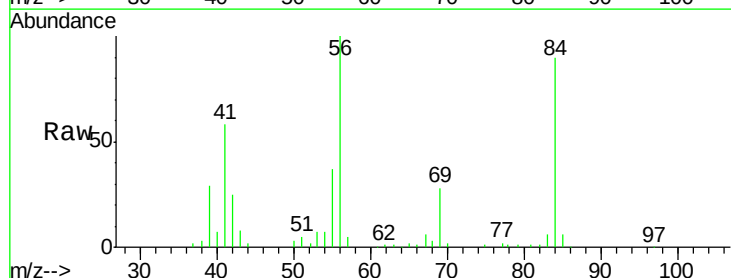
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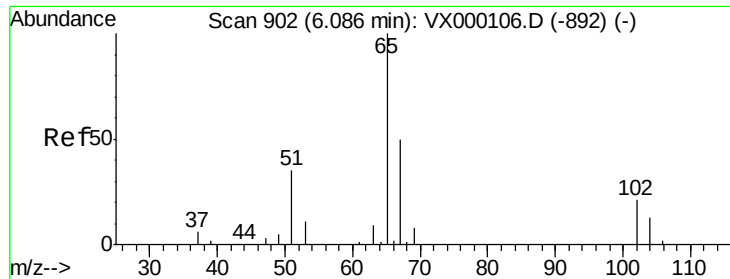
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#26
Cyclohexane
Concen: 19.69 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.01 min
Lab File: VX000128.D
Acq: 22 Feb 2018 13:18

Tgt Ion: 56 Resp: 44654
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 92.0 74.8 112.2





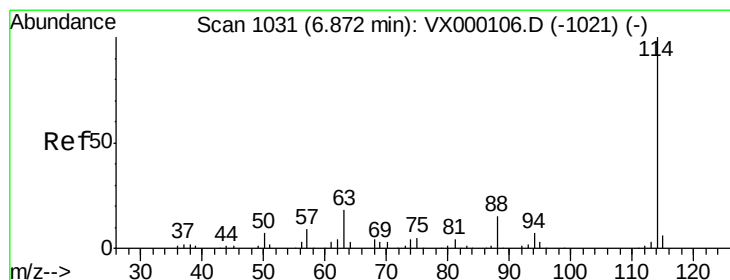
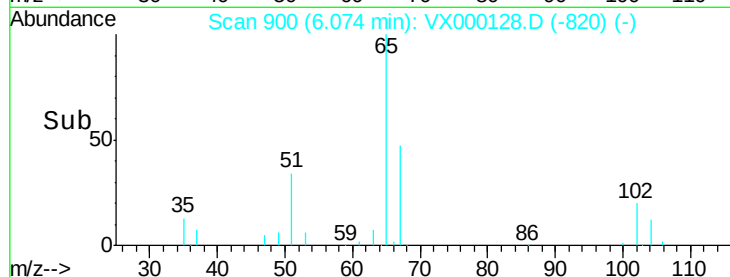
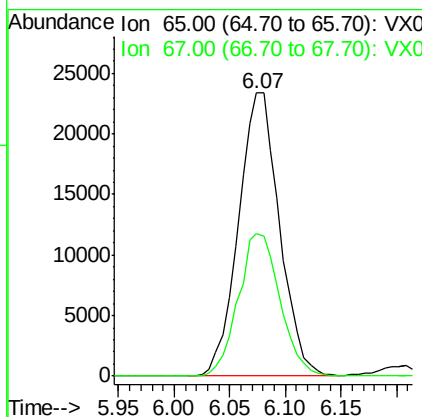
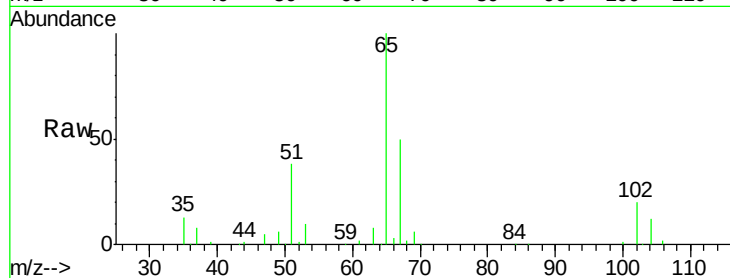
#27
 1,2-Dichloroethane-d4
 Concen: 31.74 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000128.D
 Acq: 22 Feb 2018 13:18

Instrument :
 ClientSampled :
 VSTDCCC020

Tot Ion: 65 Resp: 59912
 Ion Ratio Lower Upper
 65 100
 67 51.2 41.4 62.2

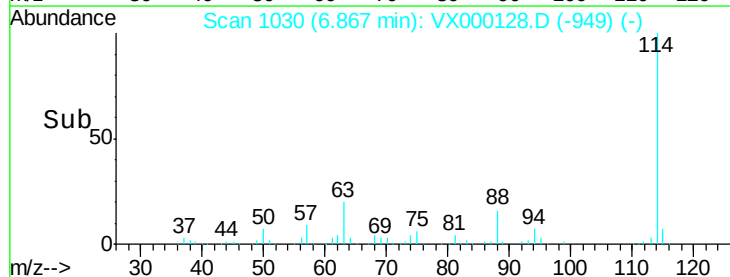
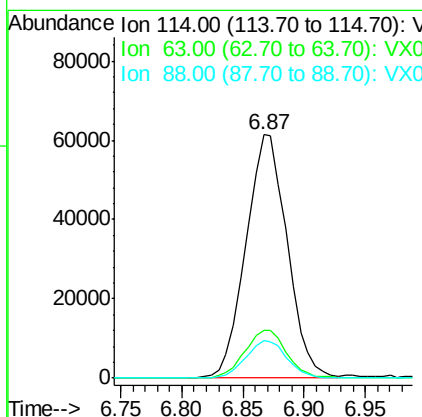
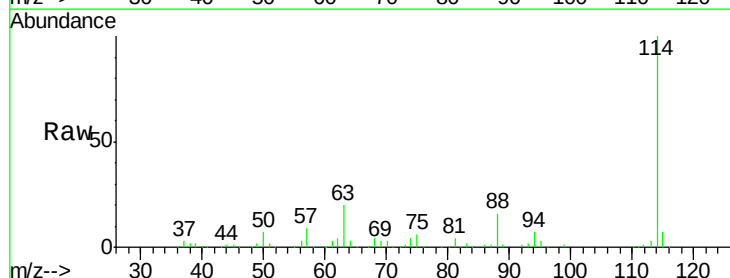
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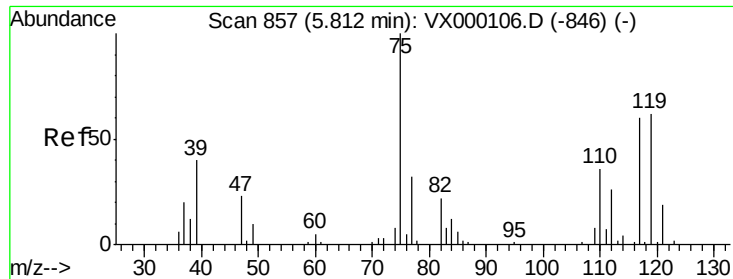
apatel
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#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: VX000128.D
 Acq: 22 Feb 2018 13:18

Tgt Ion: 114 Resp: 144373
 Ion Ratio Lower Upper
 114 100
 63 19.9 15.0 22.4
 88 15.4 11.8 17.8





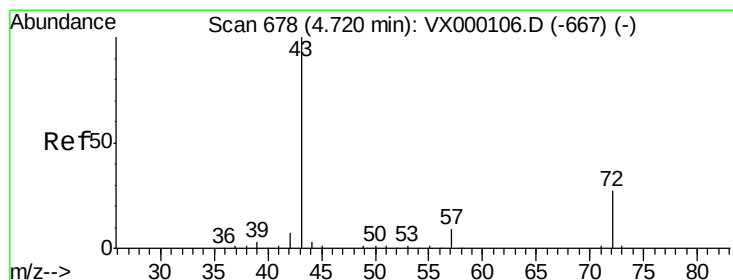
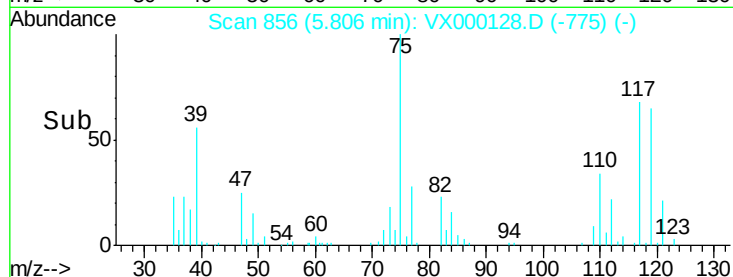
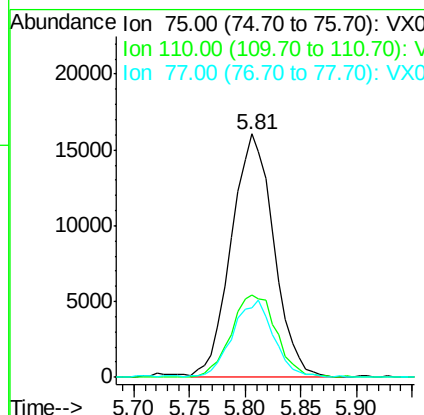
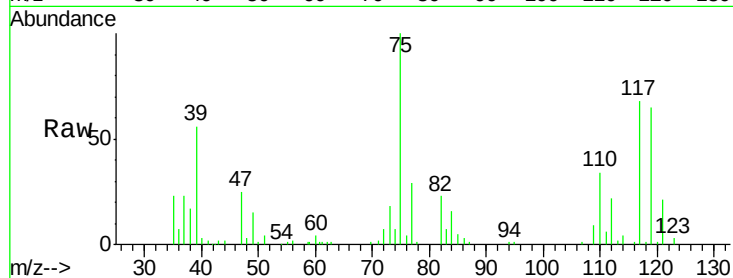
#29
 1,1-Dichloropropene
 Concen: 20.32 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: VX000128.D
 Acq: 22 Feb 2018 13:18

Instrument :
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
110	35.9	0.0	75.6
77	30.8	0.0	62.6

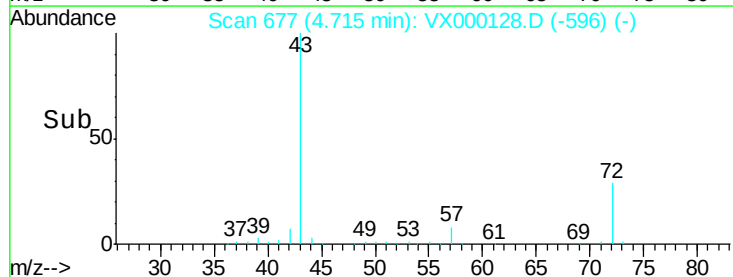
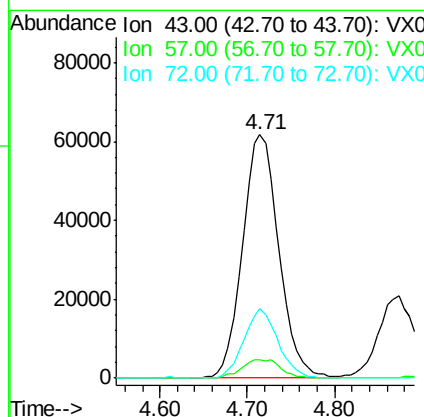
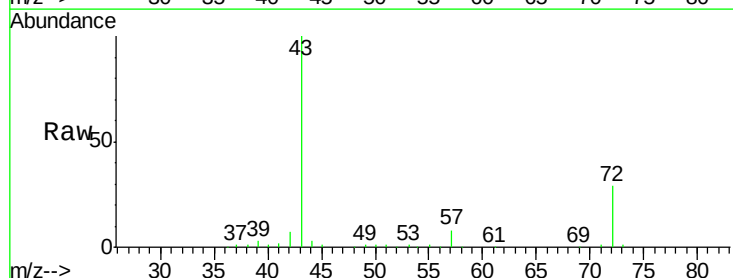
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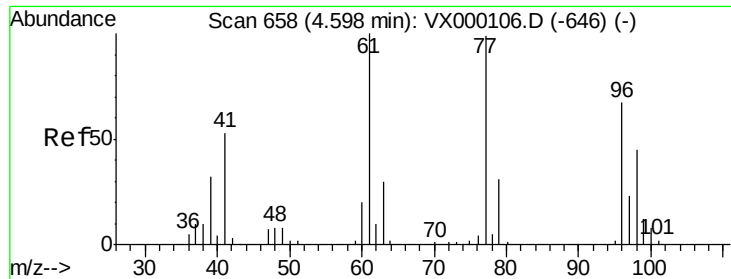
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#30
 2-Butanone
 Concen: 110.09 ug/l
 RT: 4.71 min Scan# 677
 Delta R.T. -0.01 min
 Lab File: VX000128.D
 Acq: 22 Feb 2018 13:18

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.3	6.6	10.0
72	26.7	21.8	32.6





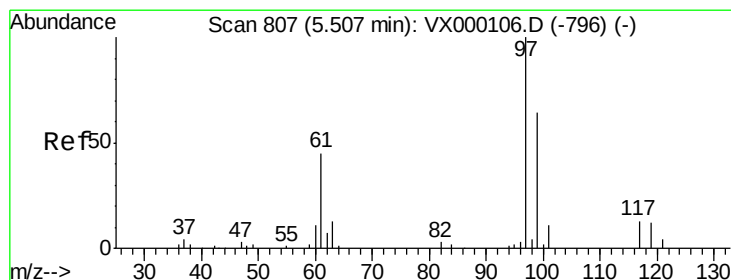
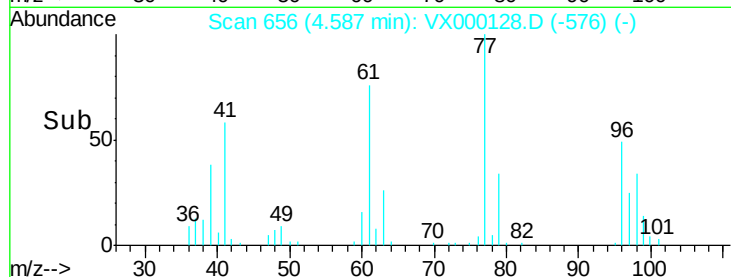
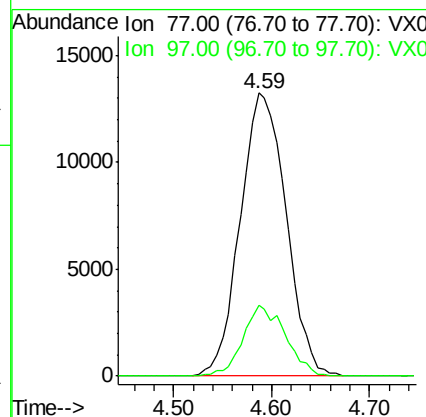
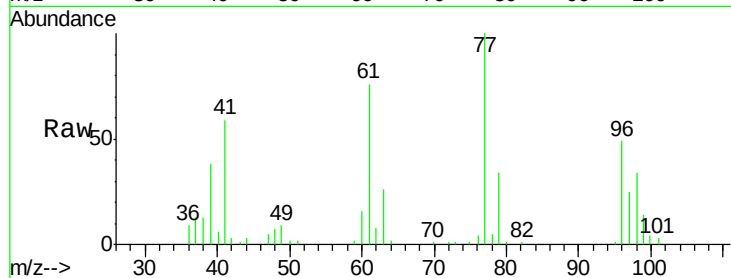
#31
 2,2-Dichloropropane
 Concen: 19.05 ug/l
 RT: 4.59 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: VX000128.D
 Acq: 22 Feb 2018 13:18

Instrument :
 ClientSampled :
 VSTDCCC020

Tot Ion: 77 Resp: 43077
 Ion Ratio Lower Upper
 77 100
 97 23.3 18.6 27.8

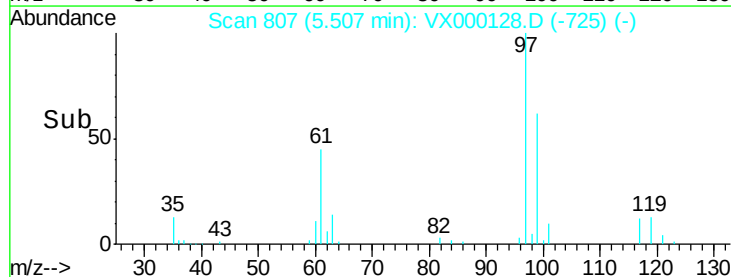
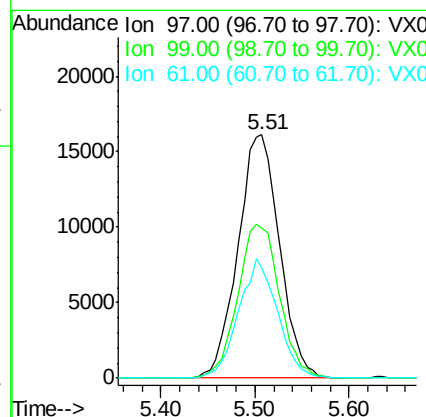
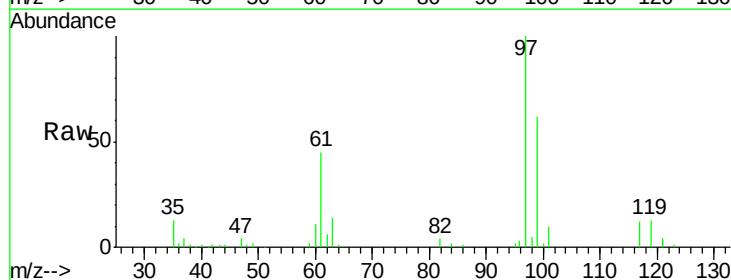
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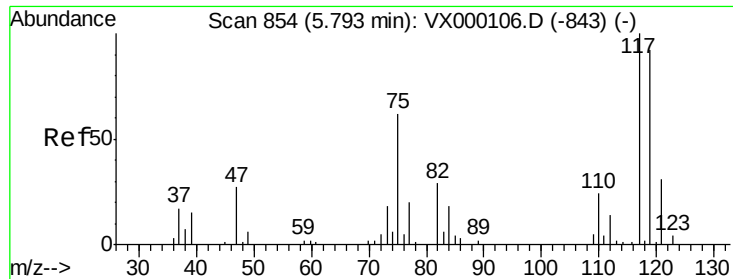
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#32
 1,1,1-Trichloroethane
 Concen: 19.54 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX000128.D
 Acq: 22 Feb 2018 13:18

Tgt Ion: 97 Resp: 49715
 Ion Ratio Lower Upper
 97 100
 99 63.4 52.3 78.5
 61 45.8 34.3 51.5





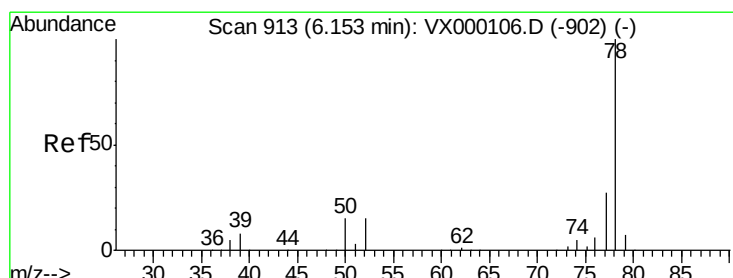
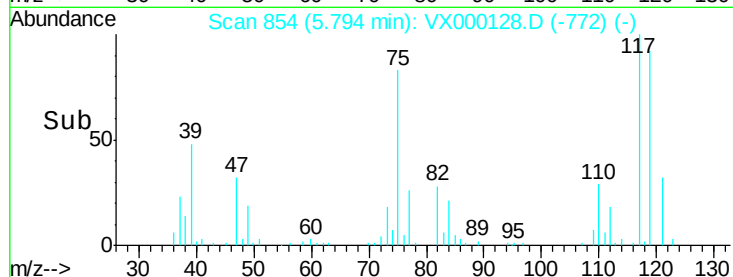
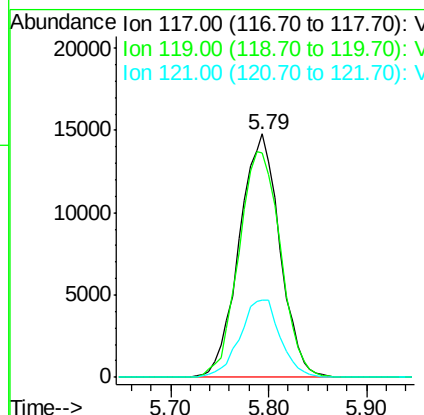
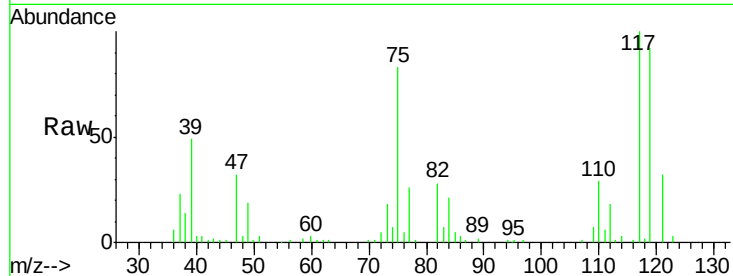
#33
Carbon Tetrachloride
Concen: 18.84 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX000128.D
Acq: 22 Feb 2018 13:18

Instrument :
ClientSampleId :
VSTDCCC020

Tot Ion:117 Resp: 42557
Ion Ratio Lower Upper
117 100
119 92.4 73.5 110.3
121 31.9 24.6 37.0

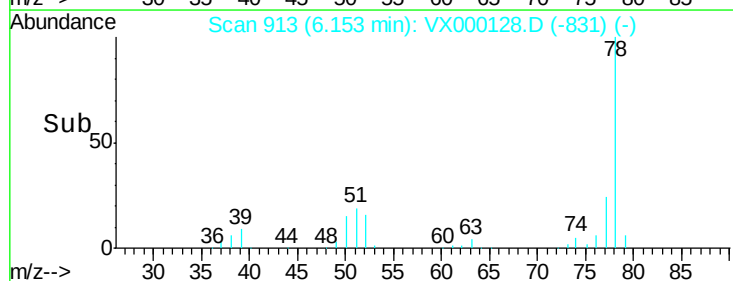
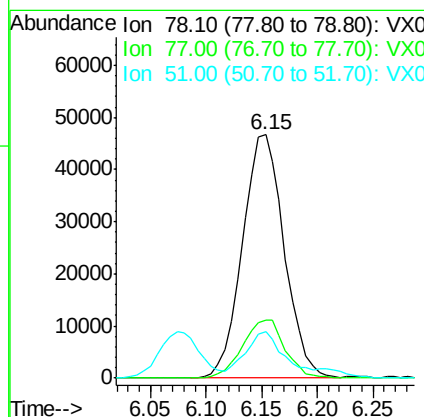
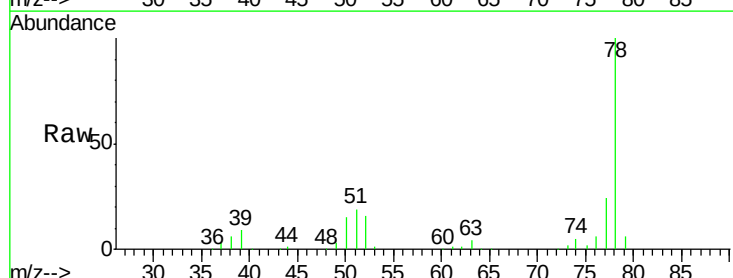
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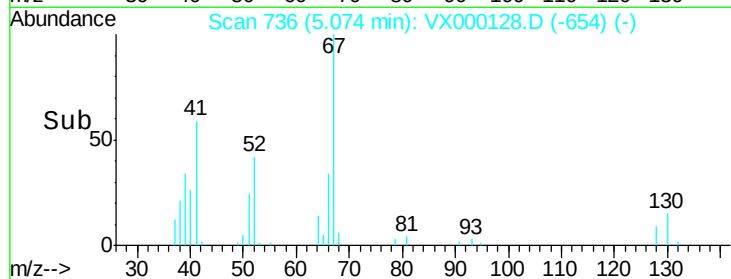
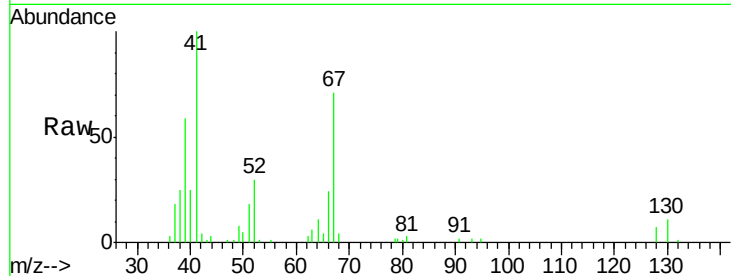
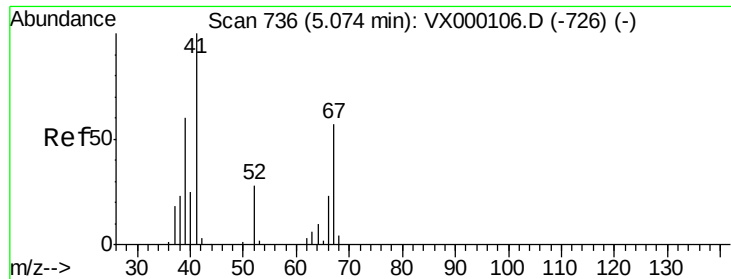
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#34
Benzene
Concen: 20.18 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000128.D
Acq: 22 Feb 2018 13:18

Tgt Ion: 78 Resp: 122110
Ion Ratio Lower Upper
78 100
77 23.9 21.7 32.5
51 15.9 14.9 22.3





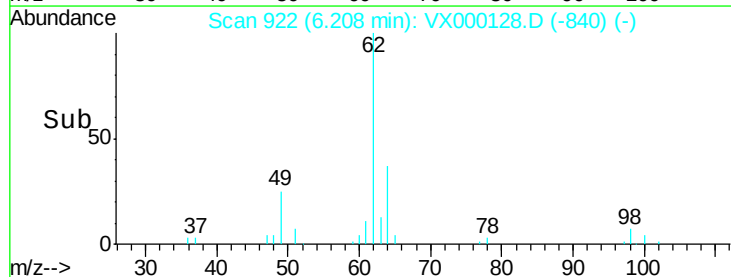
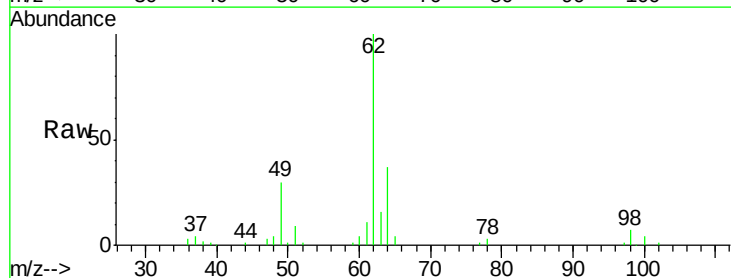
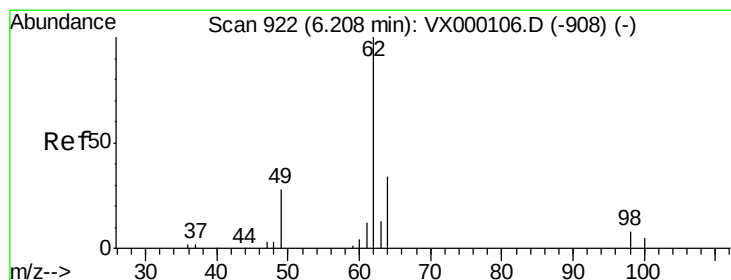
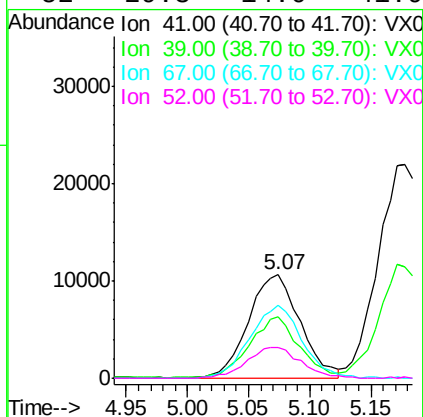
#35
Methacrylonitrile
Concen: 21.06 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX000128.D
Acq: 22 Feb 2018 13:18

Tot Ion:	41	Resp:	31383
Ion Ratio	Lower	Upper	
41	100		
39	58.6	29.8	89.3
67	71.1	28.7	86.3
52	29.3	14.0	41.9

Instrument :
ClientSampled :
VSTDCCC020

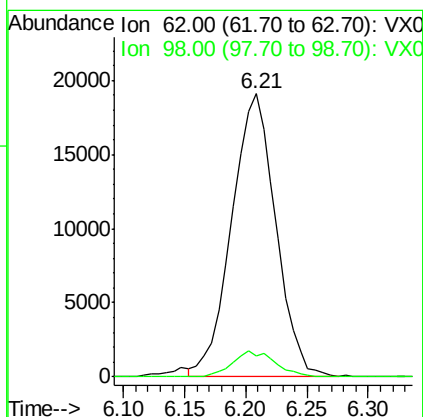
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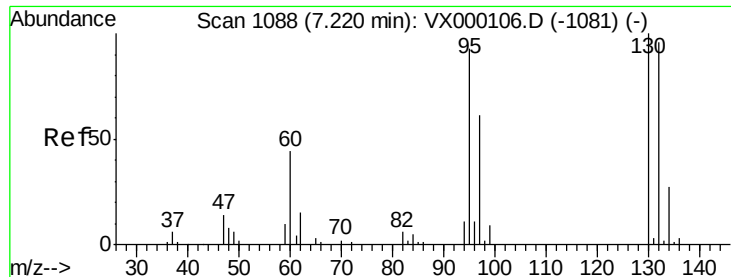
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#36
1,2-Dichloroethane
Concen: 20.85 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000128.D
Acq: 22 Feb 2018 13:18

Tgt Ion:	62	Resp:	47842
Ion Ratio	Lower	Upper	
62	100		
98	8.7	6.9	10.3





#37

Trichloroethene

Concen: 19.61 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX000128.D

Acq: 22 Feb 2018 13:18

Instrument :

ClientSampled :

VSTDCCC020

Tot Ion:130 Resp: 35062

Ion Ratio Lower Upper

130 100

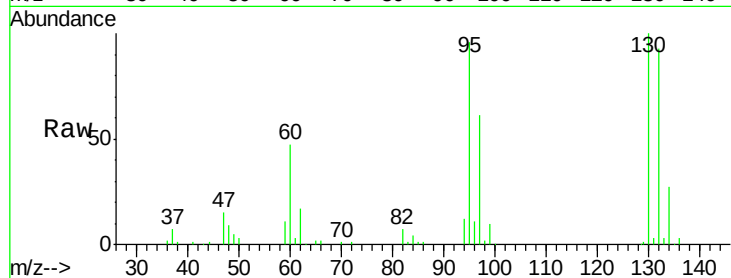
95 96.1 74.6 112.0

Manual Integrations

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.22

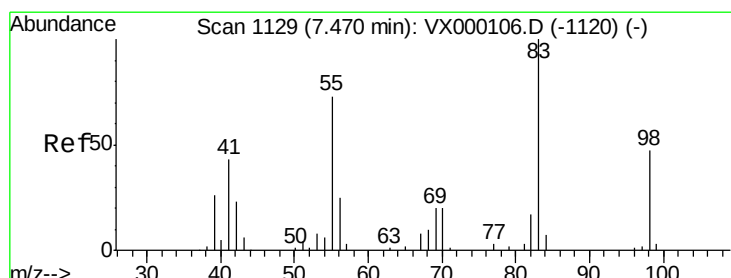
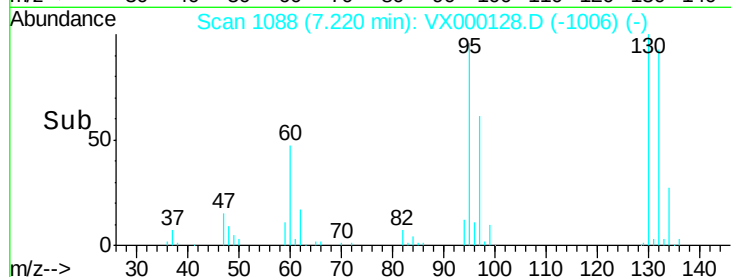
15000

10000

5000

0

Time-->



#38

Methylcyclohexane

Concen: 20.67 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.01 min

Lab File: VX000128.D

Acq: 22 Feb 2018 13:18

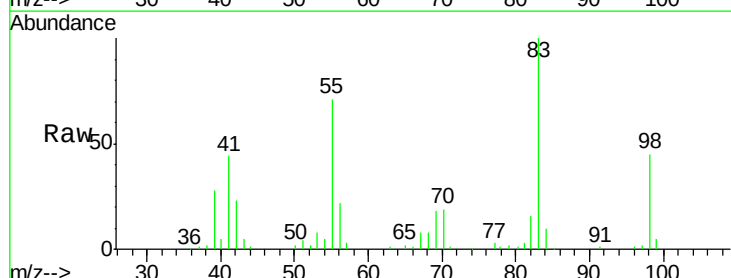
Tgt Ion: 83 Resp: 52086

Ion Ratio Lower Upper

83 100

55 71.2 35.9 107.7

98 47.3 24.6 74.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

7.46

30000

25000

20000

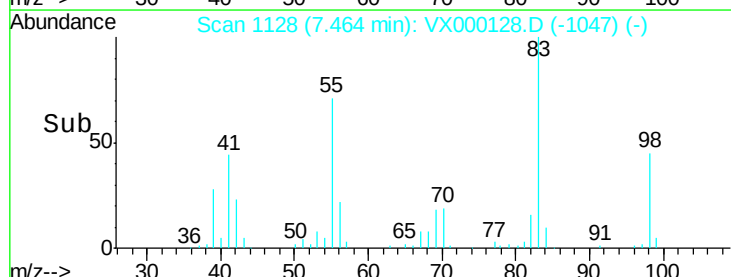
15000

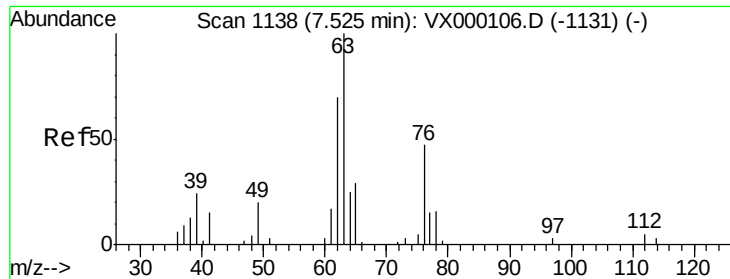
10000

5000

0

Time-->





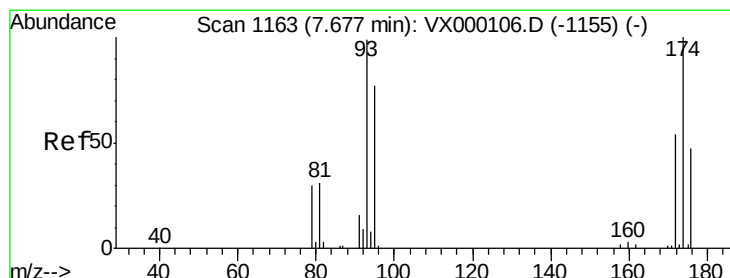
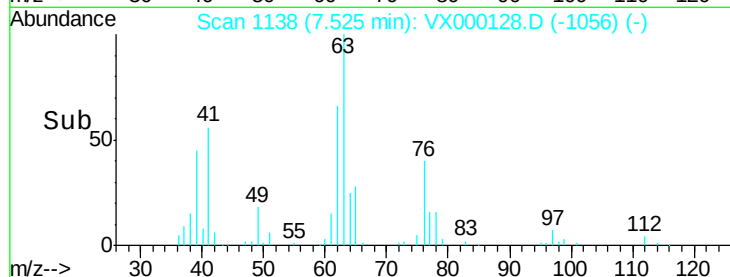
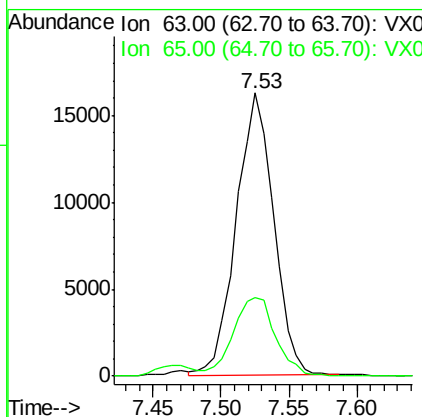
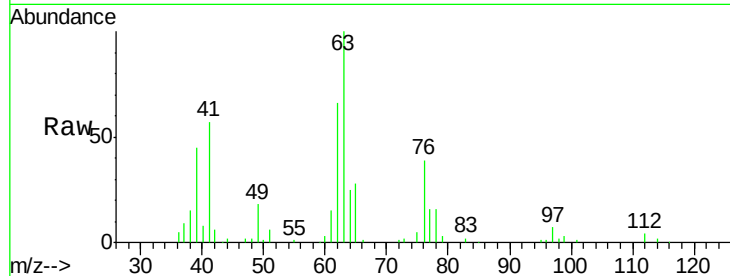
#39
 1,2-Dichloropropane
 Concen: 20.76 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX000128.D
 Acq: 22 Feb 2018 13:18

Instrument :
 ClientSampled :
 VSTDCCC020

Tot Ion: 63 Resp: 31353
 Ion Ratio Lower Upper
 63 100
 65 27.7 25.0 37.6

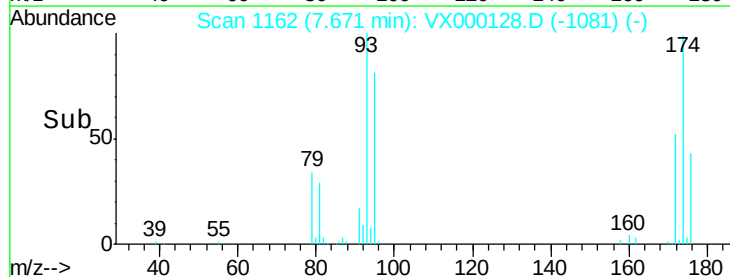
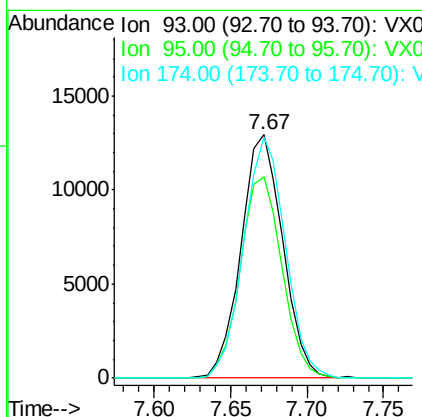
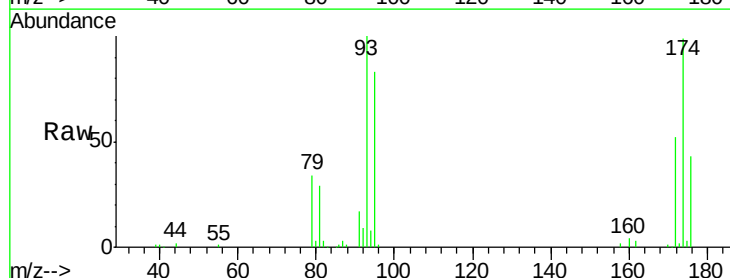
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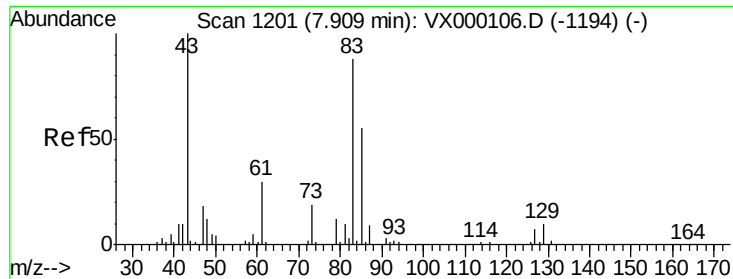
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#40
 Dibromomethane
 Concen: 21.17 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: VX000128.D
 Acq: 22 Feb 2018 13:18

Tgt Ion: 93 Resp: 24632
 Ion Ratio Lower Upper
 93 100
 95 82.3 0.0 170.6
 174 98.7 0.0 210.4





#41

Bromodichloromethane

Concen: 19.95 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000128.D

Acq: 22 Feb 2018 13:18

Instrument :

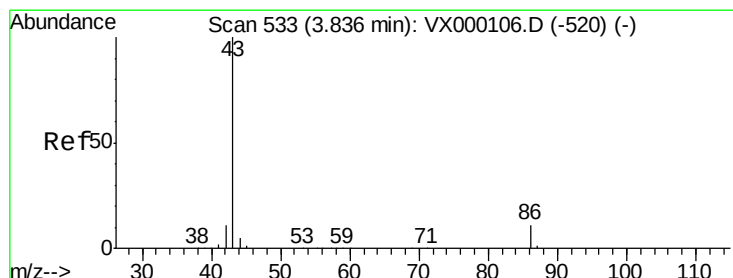
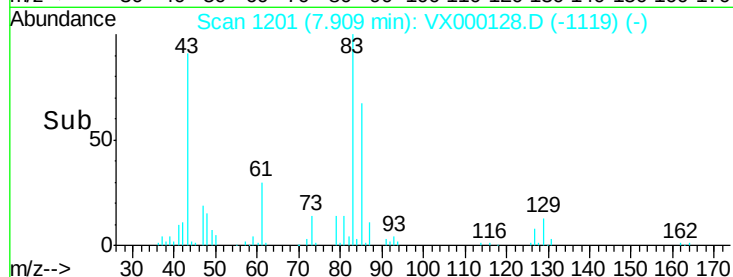
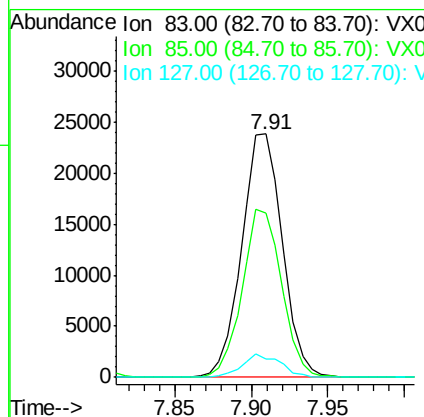
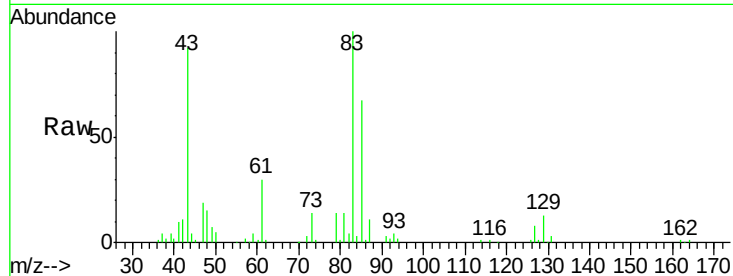
ClientSampled :

VSTDCCC020

Tot Ion:	83	Resp:	44118
Ion	Ratio	Lower	Upper
83	100		
85	67.3	50.0	75.0
127	7.7	6.6	10.0

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#42

Vinyl Acetate

Concen: 120.69 ug/l

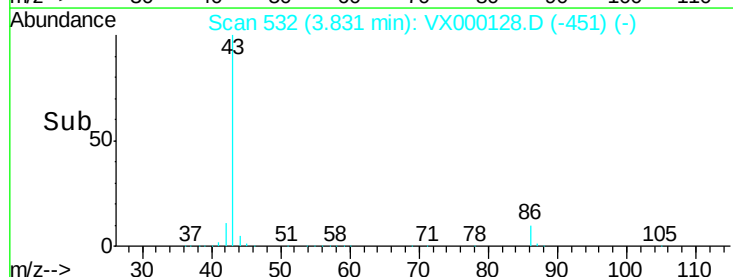
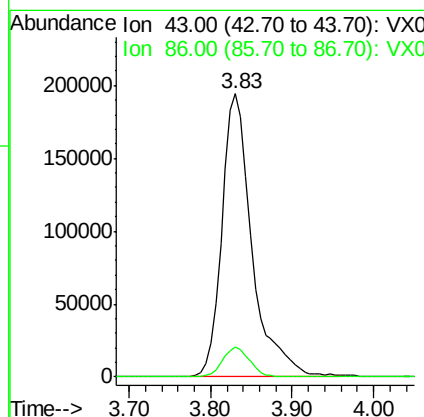
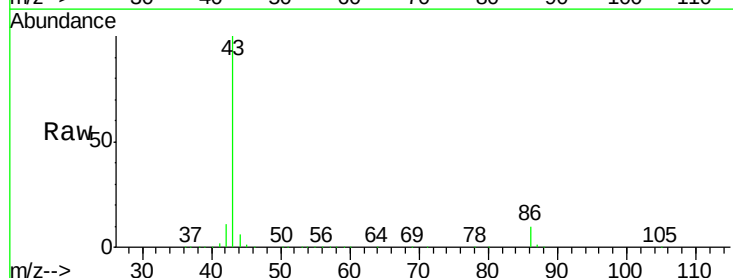
RT: 3.83 min Scan# 532

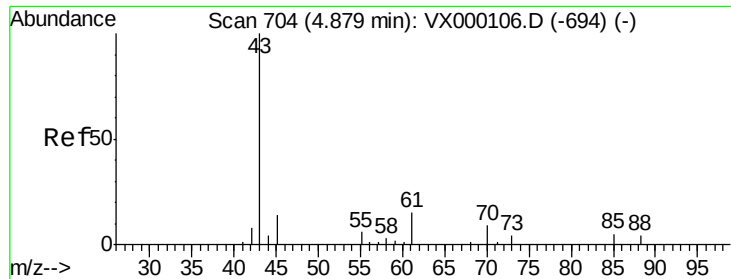
Delta R.T. -0.01 min

Lab File: VX000128.D

Acq: 22 Feb 2018 13:18

Tgt Ion:	43	Resp:	497839
Ion	Ratio	Lower	Upper
43	100		
86	9.5	7.8	11.6





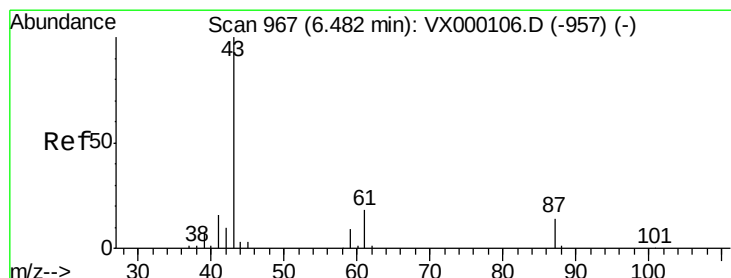
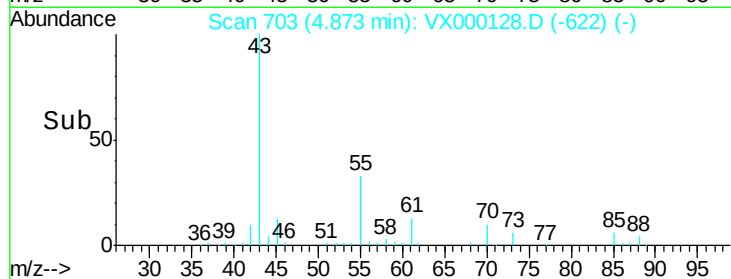
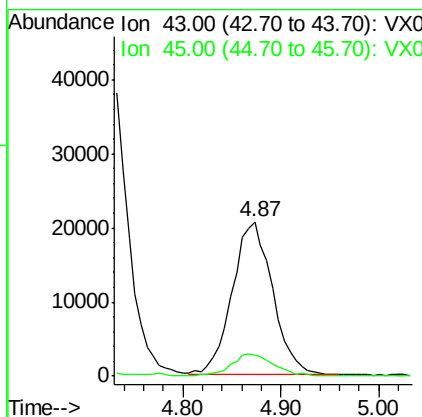
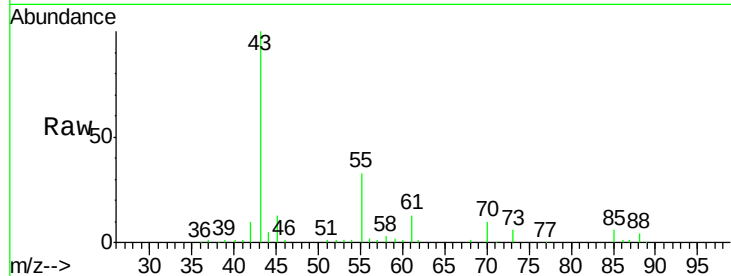
#43
Ethyl Acetate
Concen: 20.79 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.01 min
Lab File: VX000128.D
Acq: 22 Feb 2018 13:18

Instrument :
ClientSampled :
VSTDCCC020

Tot Ion: 43 Resp: 59108
Ion Ratio Lower Upper
43 100
45 14.7 11.4 17.0

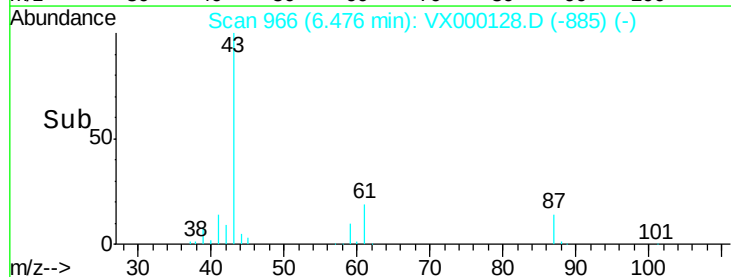
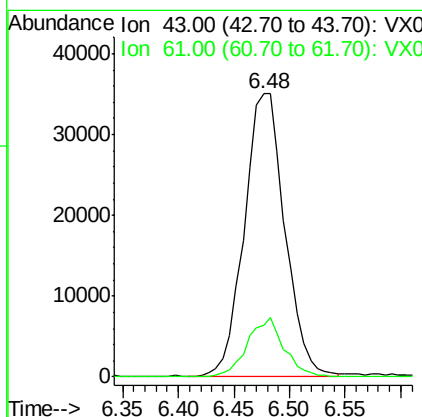
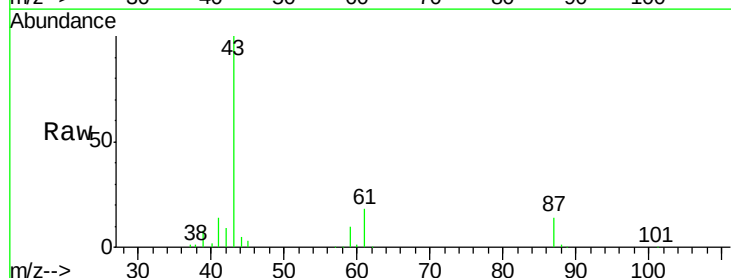
Manual Integrations
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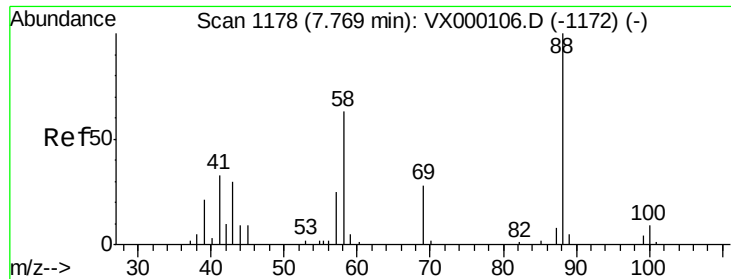
apatel
2/23/2018 3:52:05 PM



#44
Isopropyl Acetate
Concen: 21.39 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.01 min
Lab File: VX000128.D
Acq: 22 Feb 2018 13:18

Tgt Ion: 43 Resp: 89212
Ion Ratio Lower Upper
43 100
61 19.0 15.7 23.5





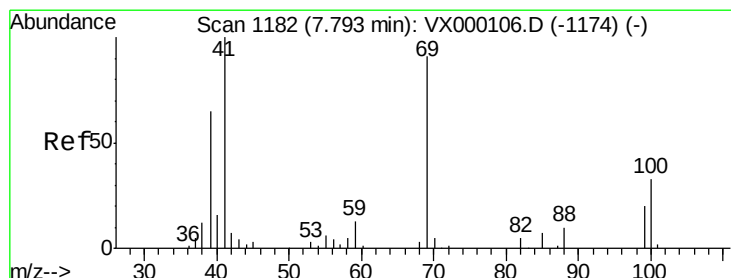
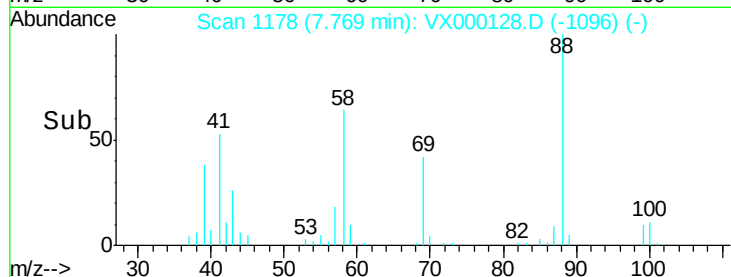
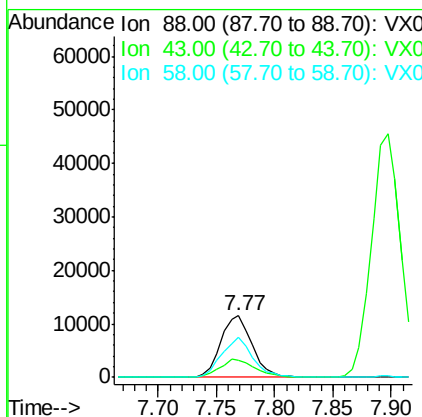
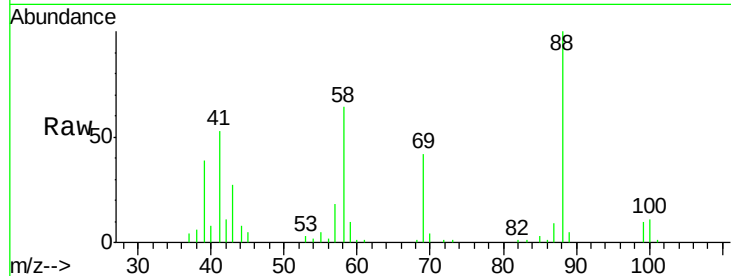
#45
1,4-Dioxane
Concen: 411.85 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VX000128.D
Acq: 22 Feb 2018 13:18

Instrument :
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.5	26.8	40.2
58	64.8	52.1	78.1

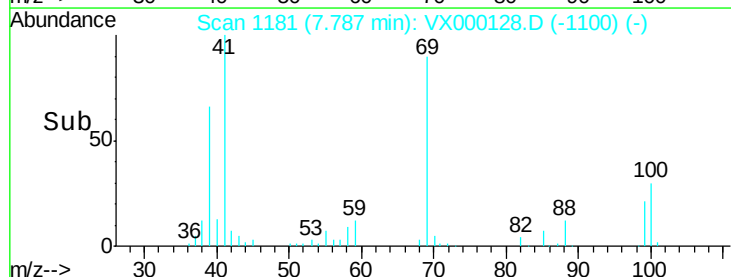
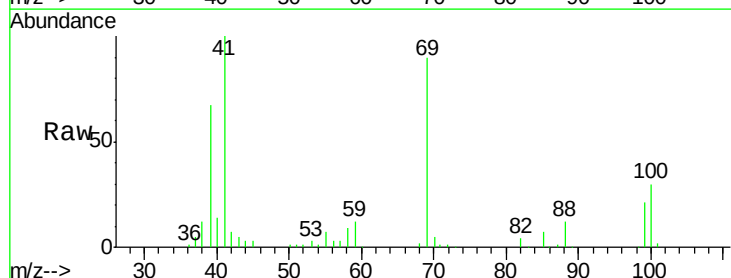
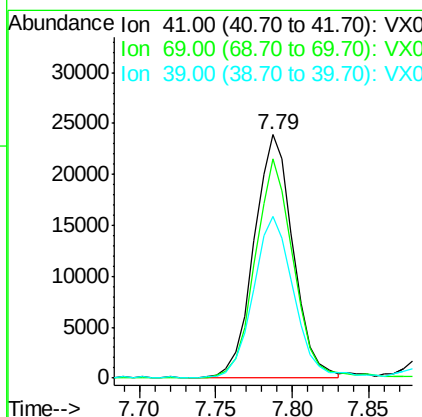
Manual Integrations
APPROVED

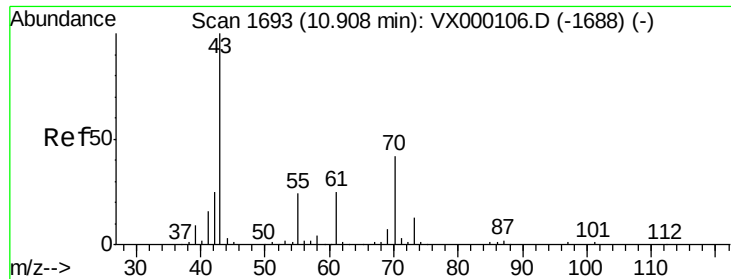
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#46
Methyl methacrylate
Concen: 20.97 ug/l
RT: 7.79 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VX000128.D
Acq: 22 Feb 2018 13:18

Tgt Ion	Ratio	Lower	Upper
41	100		
69	90.1	45.5	136.5
39	66.4	32.5	97.5





#47

n-amvl Acetate

Concen: 21.03 ug/l

RT: 10.91 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VX000128.D

Acq: 22 Feb 2018 13:18

Instrument :

ClientSampled :

VSTDCCC020

Tot Ion: 43 Resp: 76562

Ion Ratio Lower Upper

43 100

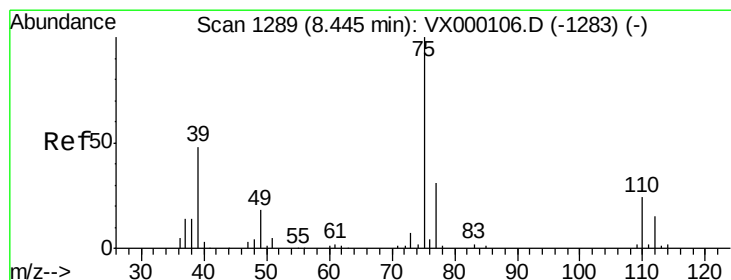
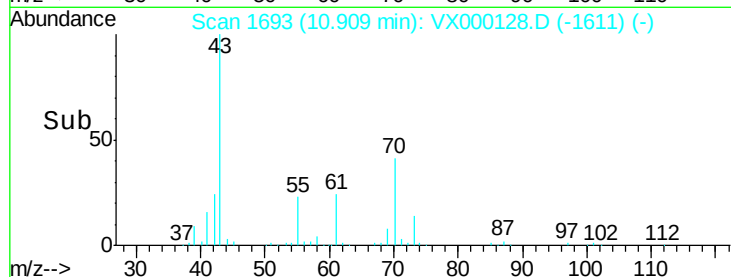
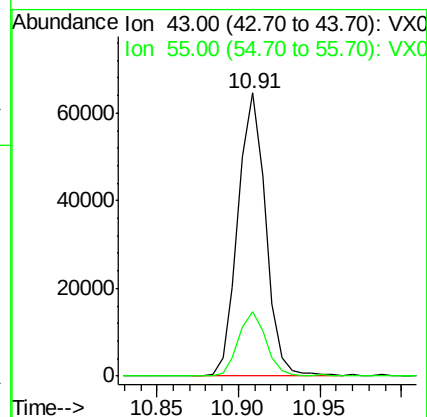
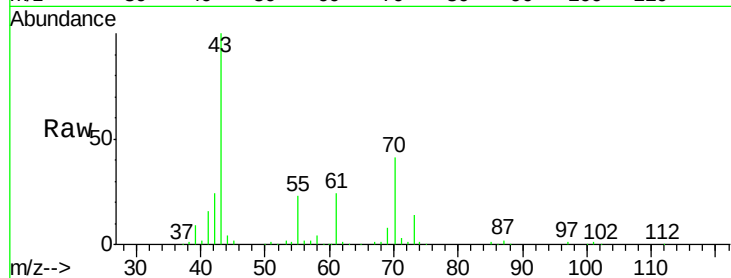
55 22.8 19.4 29.2

Manual Integrations

APPROVED

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#48

t-1,3-Dichloropropene

Concen: 20.61 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VX000128.D

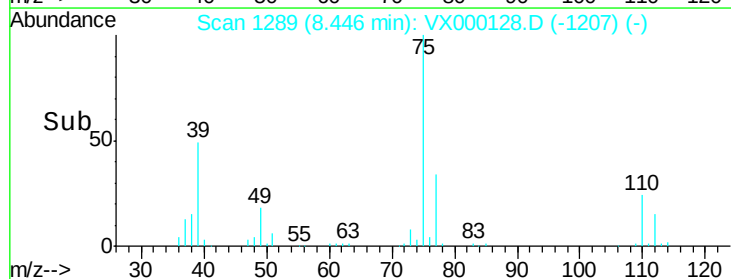
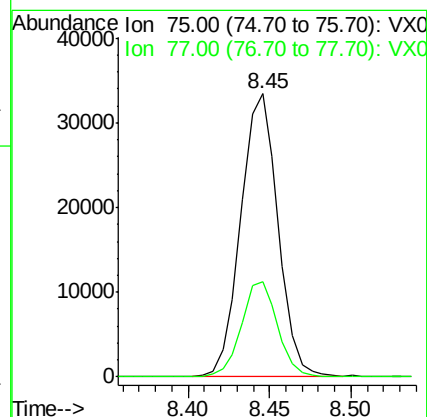
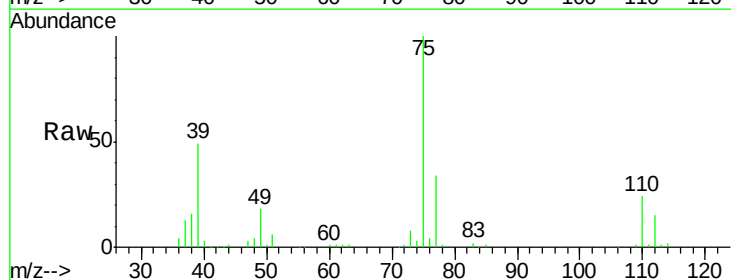
Acq: 22 Feb 2018 13:18

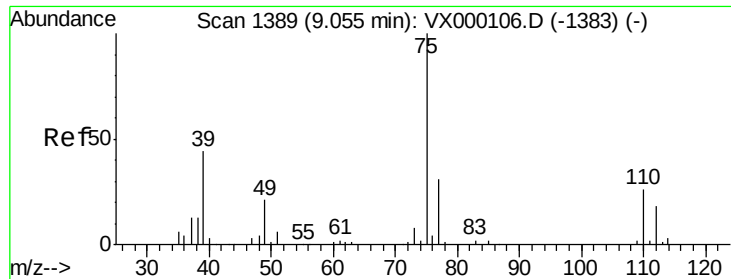
Tgt Ion: 75 Resp: 53076

Ion Ratio Lower Upper

75 100

77 33.4 24.6 37.0





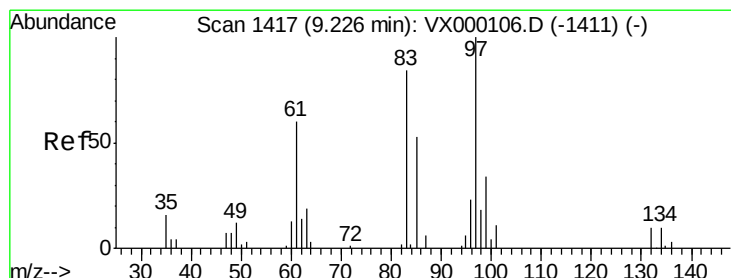
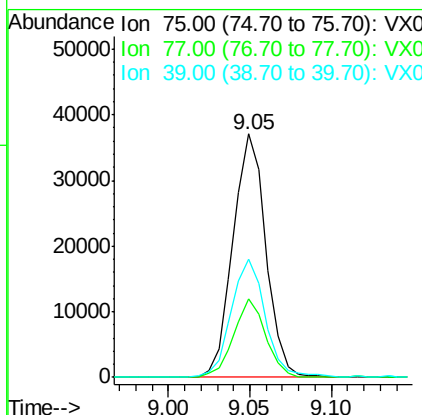
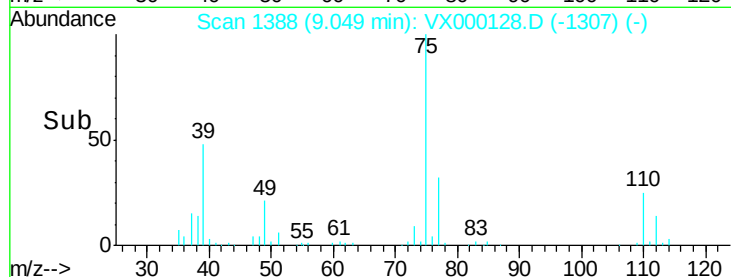
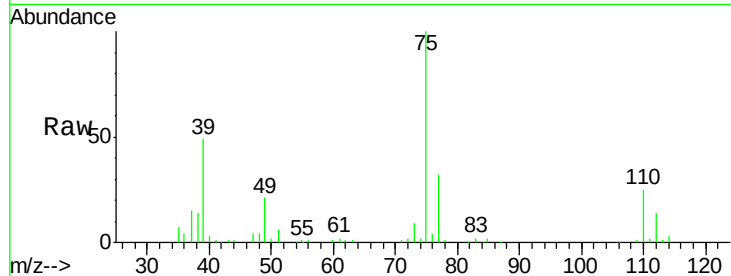
#49
 cis-1,3-Dichloropropene
 Concen: 20.80 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: VX000128.D
 Acq: 22 Feb 2018 13:18

Instrument :
 ClientSampled :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.1	24.5	36.7
39	48.3	35.6	53.4

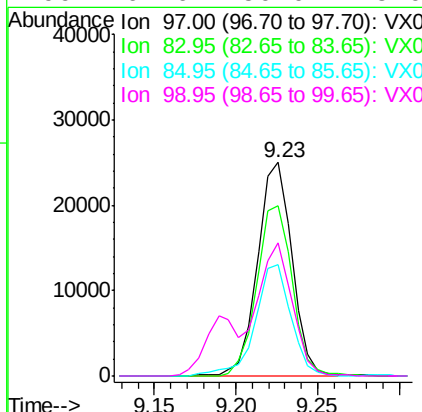
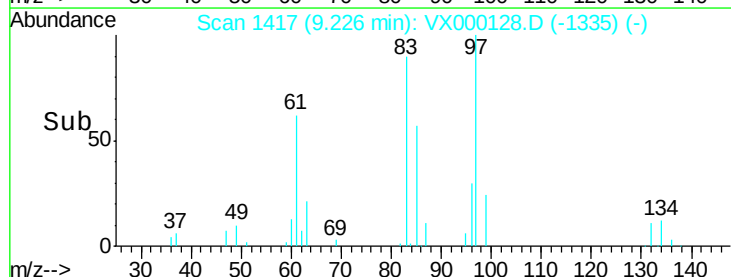
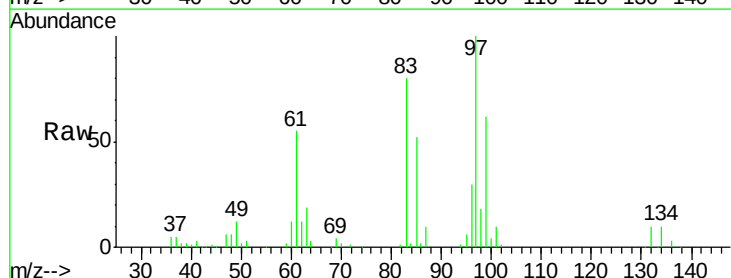
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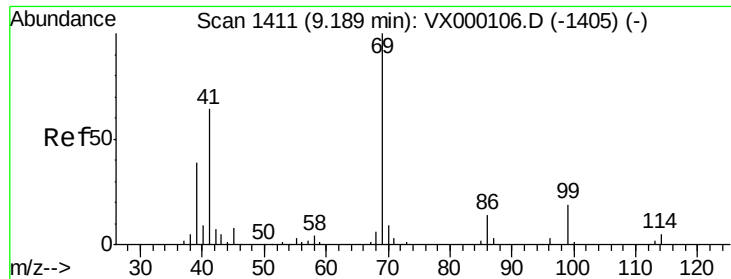
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#50
 1,1,2-Trichloroethane
 Concen: 21.51 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000128.D
 Acq: 22 Feb 2018 13:18

Tgt Ion	Ratio	Lower	Upper
97	100		
83	79.7	66.9	100.3
85	51.9	44.4	66.6
99	61.6	50.0	75.0





#51

Ethyl methacrylate

Concen: 19.87 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX000128.D

Acq: 22 Feb 2018 13:18

Instrument :

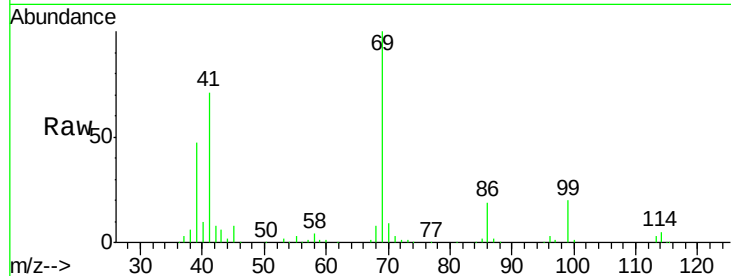
ClientSampled :

VSTDCCC020

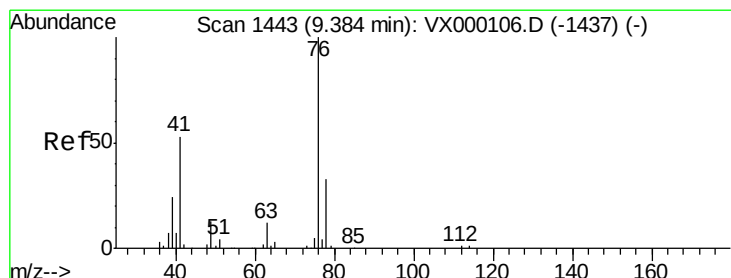
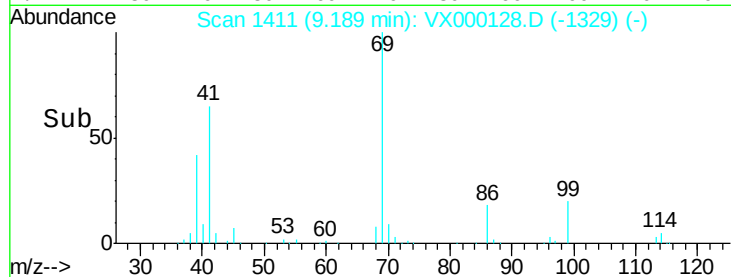
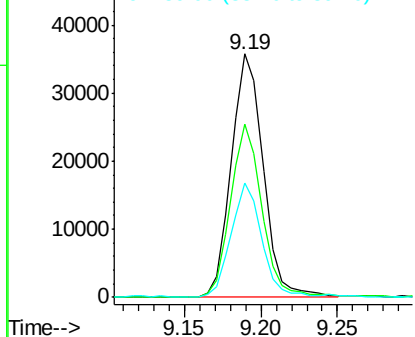
Tot Ion:	69	Resp:	52026
Ion Ratio	Lower	Upper	
69	100		
41	70.6	32.1	96.3
39	46.9	19.6	58.7

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: 21.45 ug/l

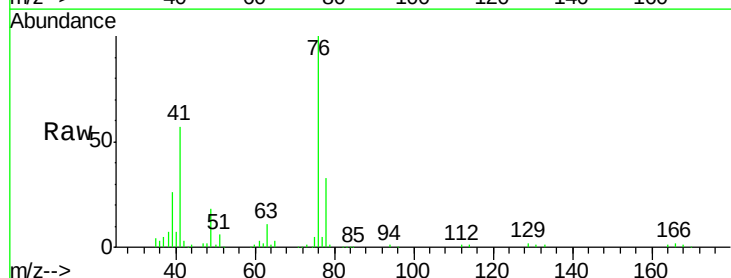
RT: 9.38 min Scan# 1442

Delta R.T. -0.01 min

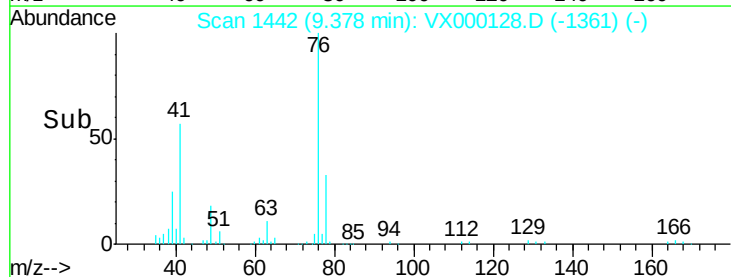
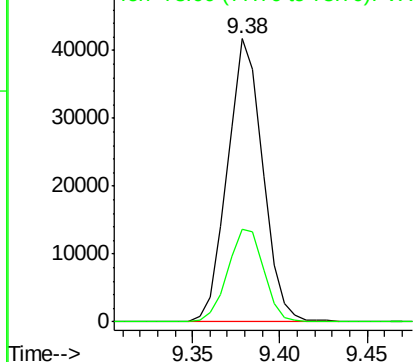
Lab File: VX000128.D

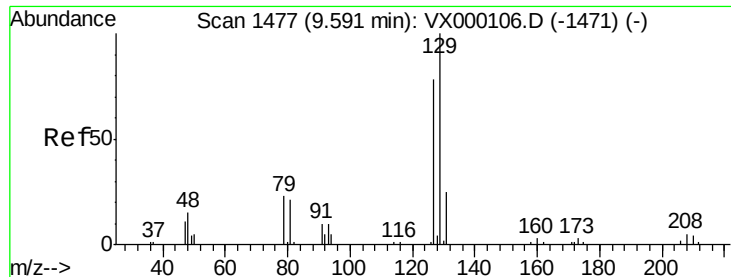
Acq: 22 Feb 2018 13:18

Tgt Ion:	76	Resp:	58800
Ion Ratio	Lower	Upper	
76	100		
78	33.6	0.0	65.0



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





#53

Dibromochloromethane

Concen: 19.99 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. 0.00 min

Lab File: VX000128.D

Acq: 22 Feb 2018 13:18

Instrument :

ClientSampled :

VSTDCCC020

Tot Ion:129 Resp: 37999

Ion Ratio Lower Upper

129 100

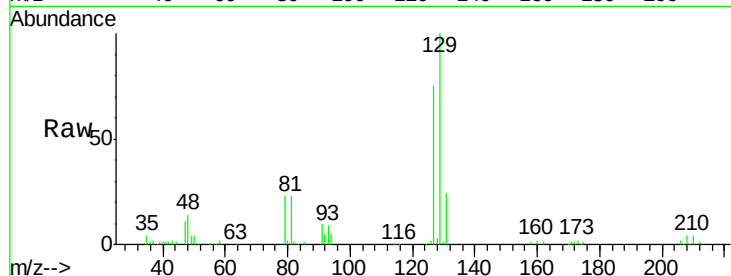
127 75.6 37.5 112.5

Manual Integrations

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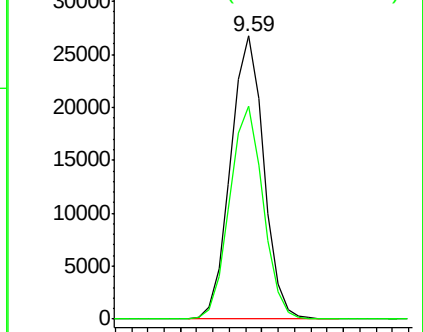
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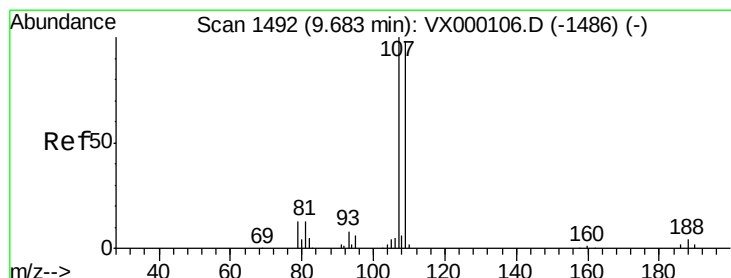
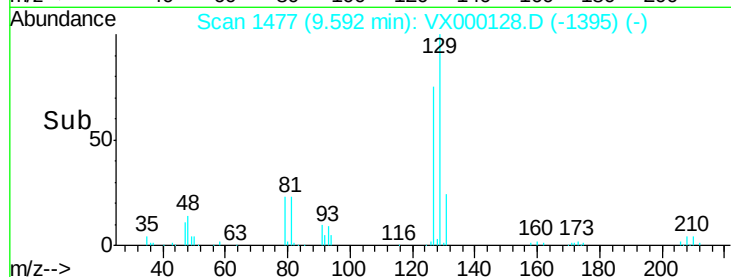


Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



Time-->



#54

1,2-Dibromoethane

Concen: 20.39 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000128.D

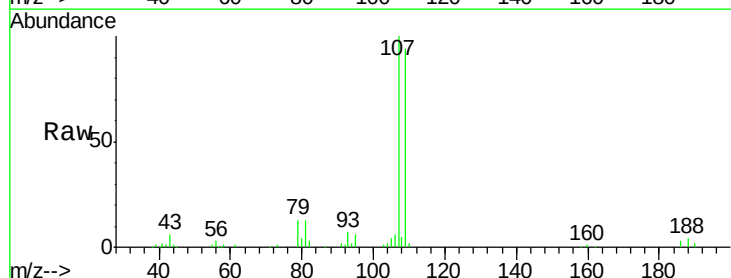
Acq: 22 Feb 2018 13:18

Tgt Ion:107 Resp: 38826

Ion Ratio Lower Upper

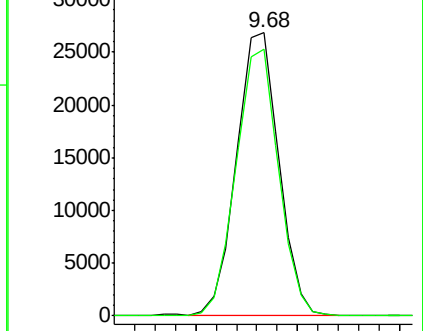
107 100

109 94.5 74.5 111.7

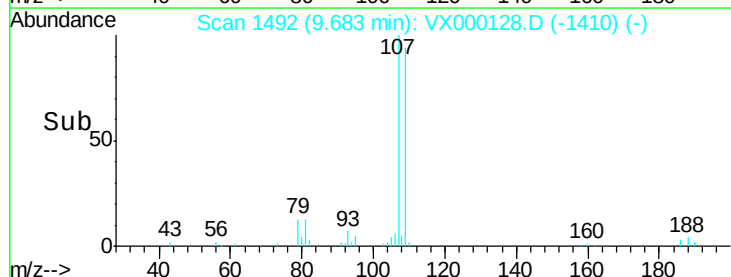


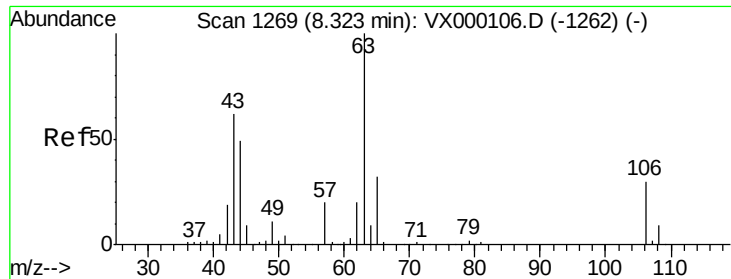
Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



Time-->





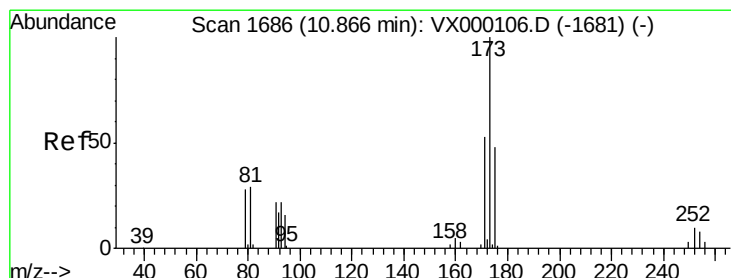
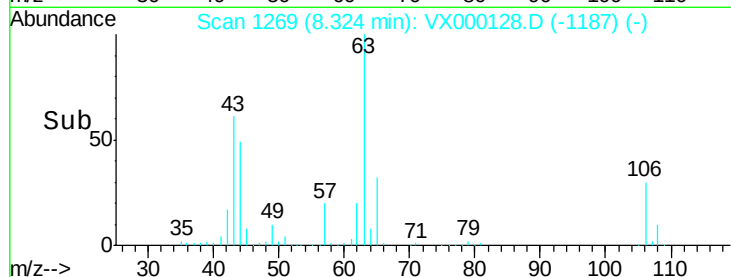
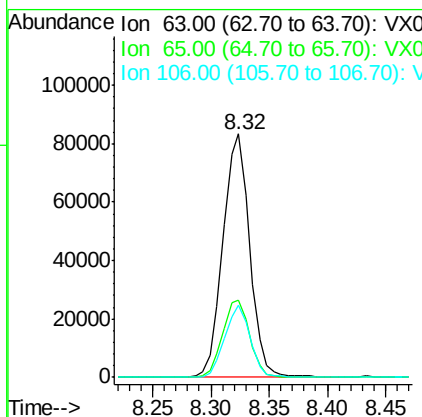
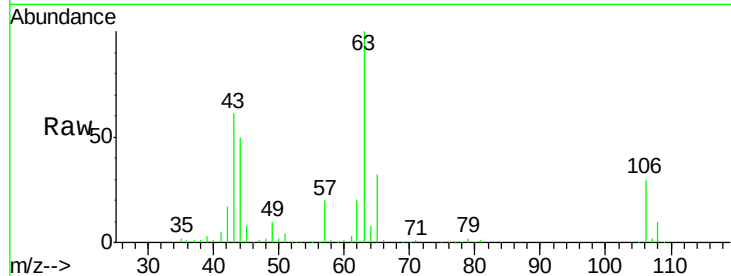
#55
2-Chloroethyl vinyl ether
Concen: 116.21 ug/l
RT: 8.32 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX000128.D
Acq: 22 Feb 2018 13:18

Instrument :
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	25.8	38.8
106	28.4	23.8	35.6

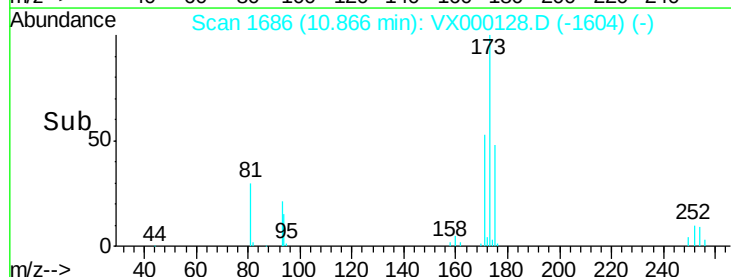
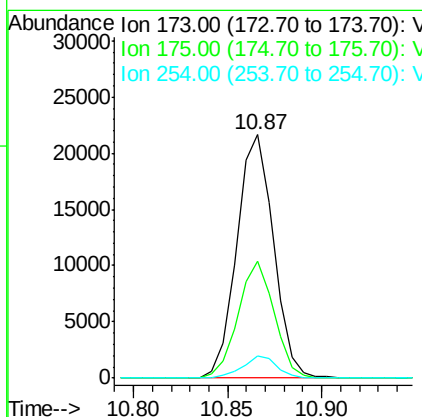
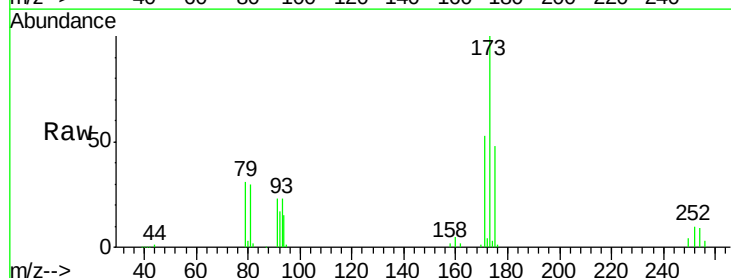
Manual Integrations
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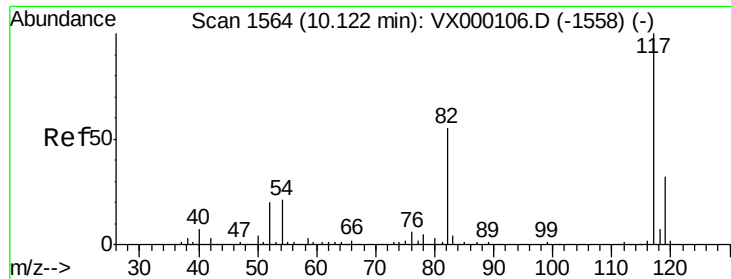
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#56
Bromoform
Concen: 19.00 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX000128.D
Acq: 22 Feb 2018 13:18

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.2	39.0	58.4
254	8.6	7.0	10.4





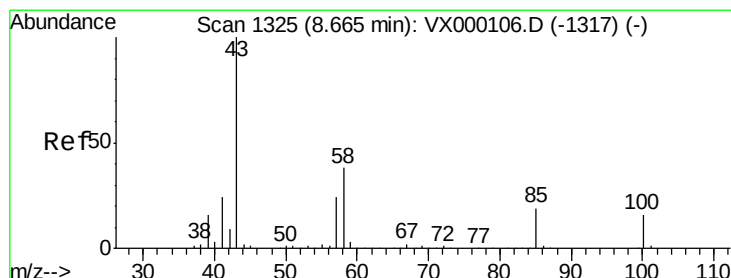
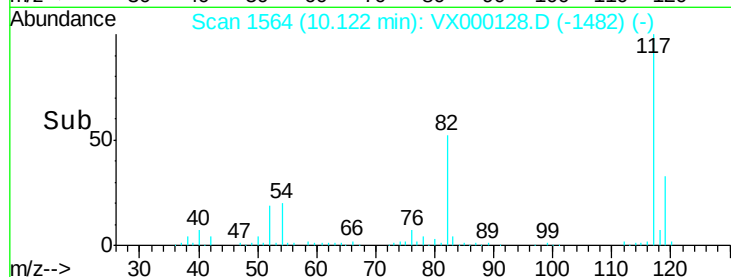
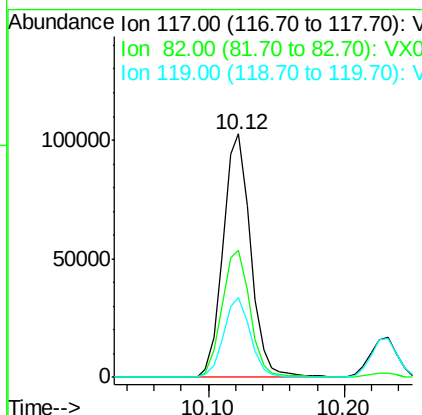
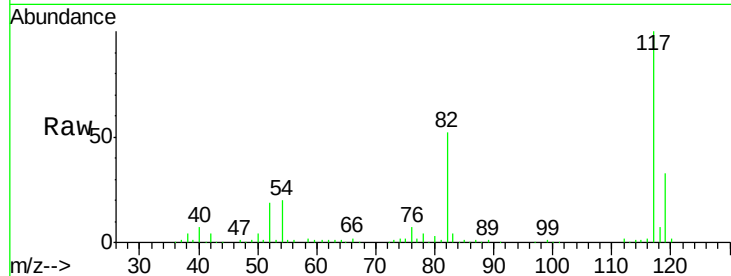
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000128.D
Acq: 22 Feb 2018 13:18

Instrument :
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	43.0	64.4
119	31.8	25.8	38.8

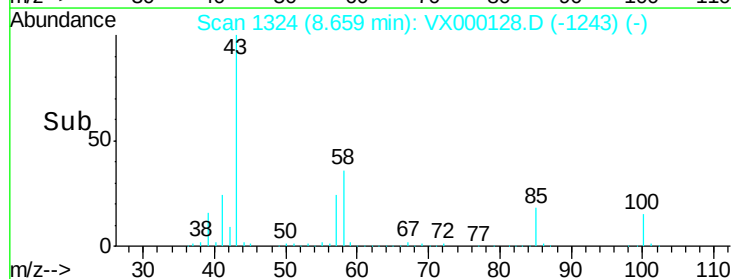
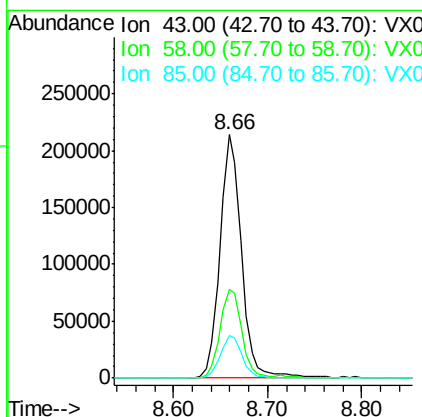
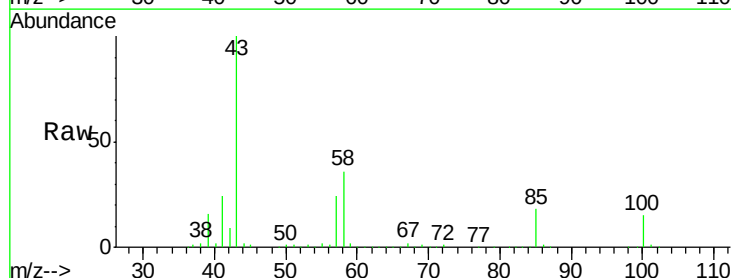
Manual Integrations
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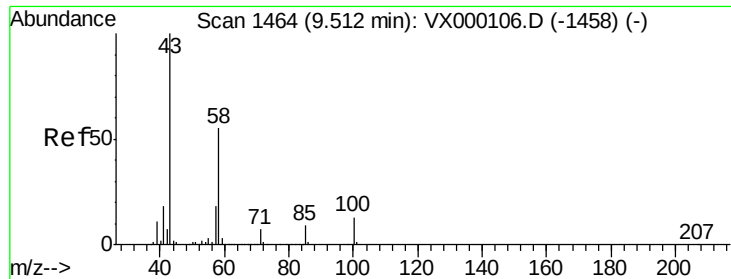
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#58
4-Methyl-2-Pentanone
Concen: 106.67 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.01 min
Lab File: VX000128.D
Acq: 22 Feb 2018 13:18

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.8	29.8	44.8
85	17.9	14.9	22.3





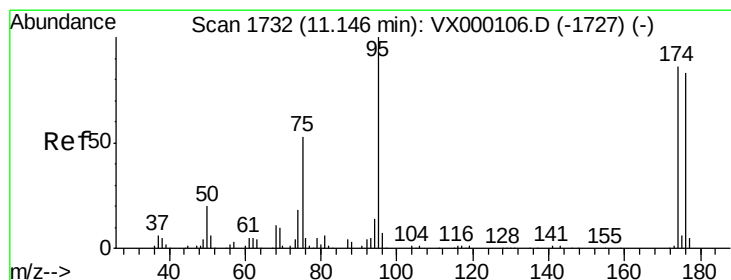
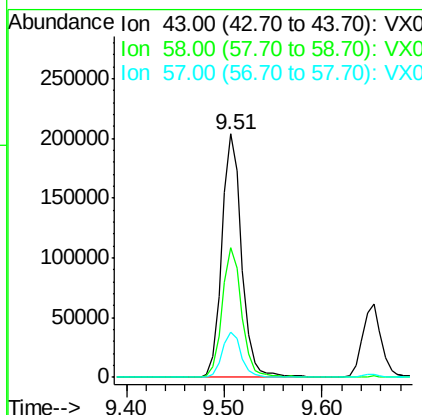
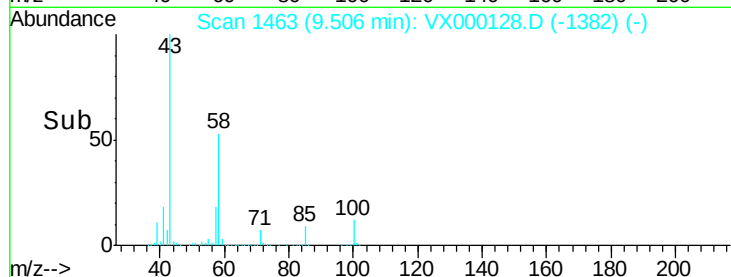
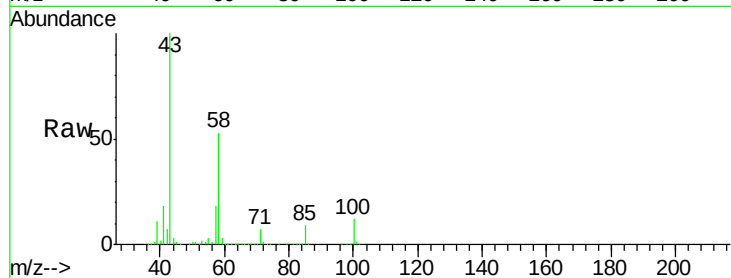
#59
2-Hexanone
Concen: 106.76 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.01 min
Lab File: VX000128.D
Acq: 22 Feb 2018 13:18

Instrument :
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.2	43.0	64.6
57	18.2	14.4	21.6

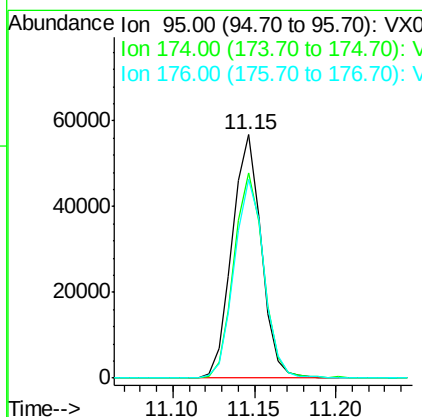
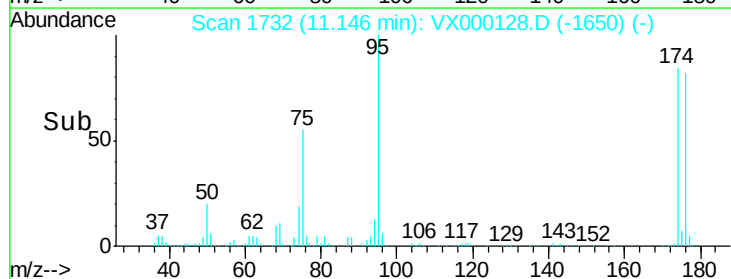
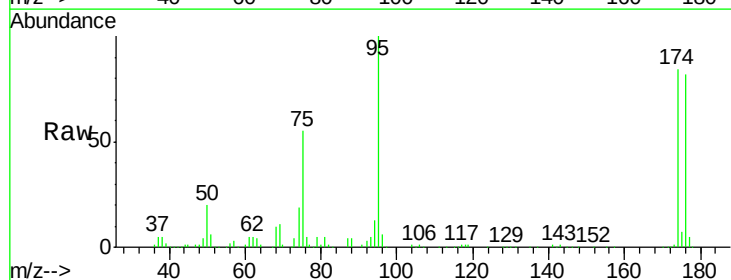
Manual Integrations
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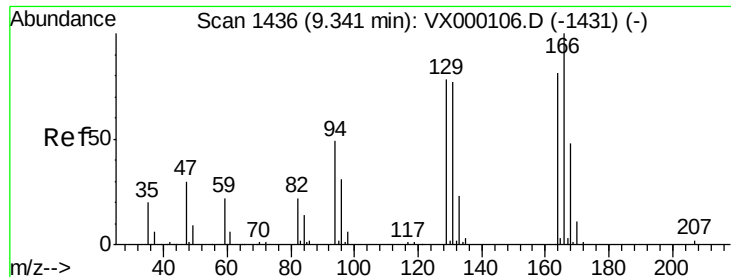
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#60
4-Bromofluorobenzene
Concen: 29.94 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000128.D
Acq: 22 Feb 2018 13:18

Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.2	71.1	106.7
176	82.5	69.3	103.9





#61

Tetrachloroethene

Concen: 18.18 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX000128.D

Acq: 22 Feb 2018 13:18

Instrument :

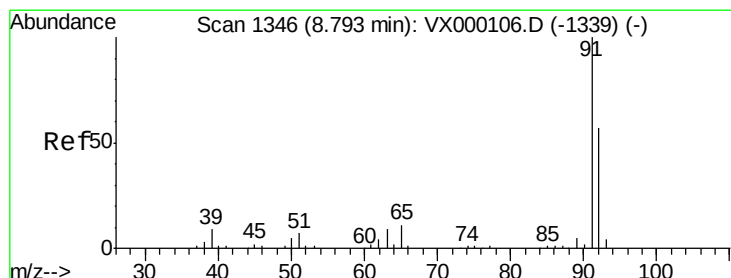
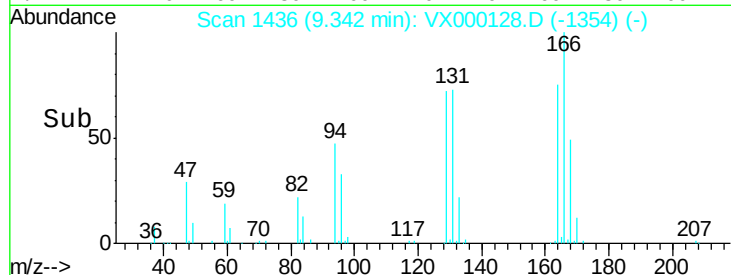
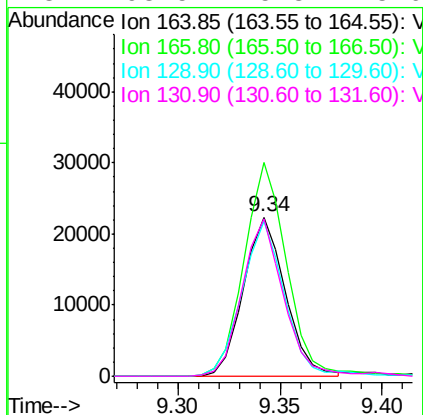
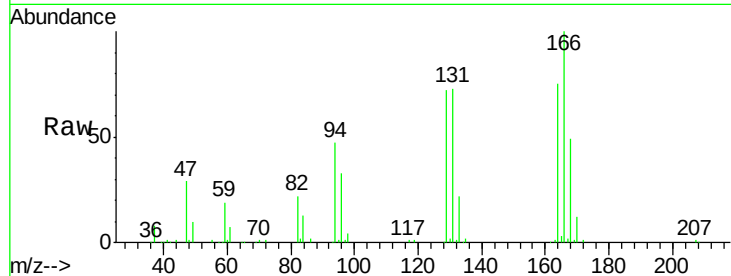
ClientSampled :

VSTDCCC020

Tot Ion:	164	Resp:	31978
Ion	Ratio	Lower	Upper
164	100		
166	134.1	99.0	148.4
129	97.1	77.0	115.6
131	98.5	75.8	113.6

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#62

Toluene

Concen: 19.20 ug/l

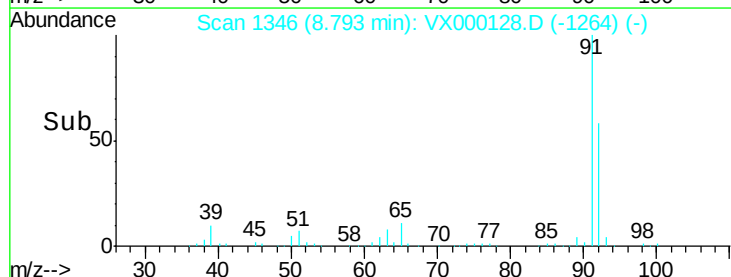
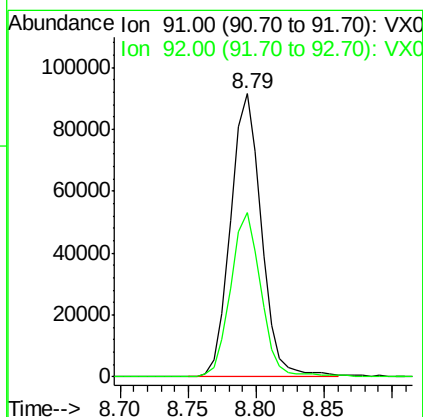
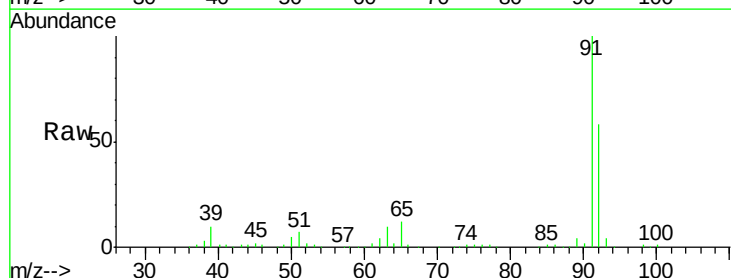
RT: 8.79 min Scan# 1346

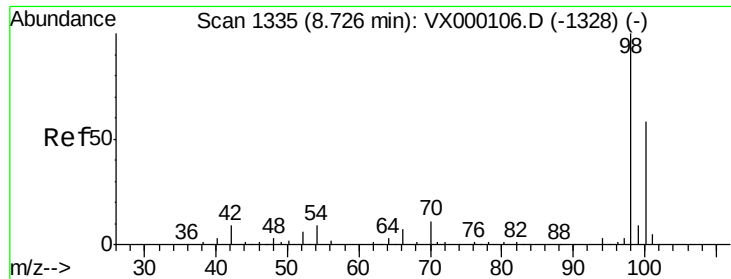
Delta R.T. 0.00 min

Lab File: VX000128.D

Acq: 22 Feb 2018 13:18

Tgt Ion:	91	Resp:	144709
Ion	Ratio	Lower	Upper
91	100		
92	57.6	45.4	68.0





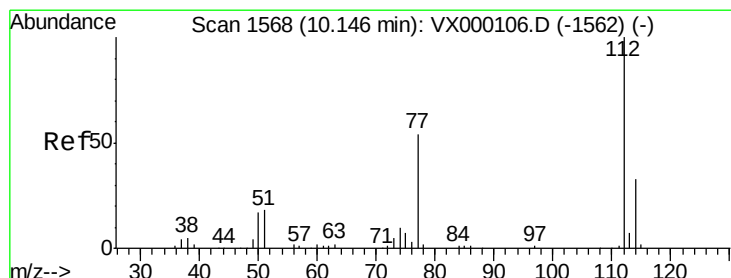
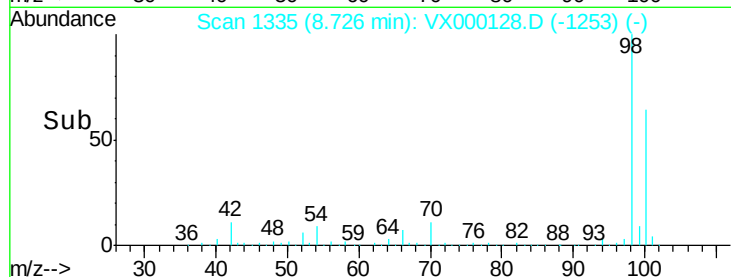
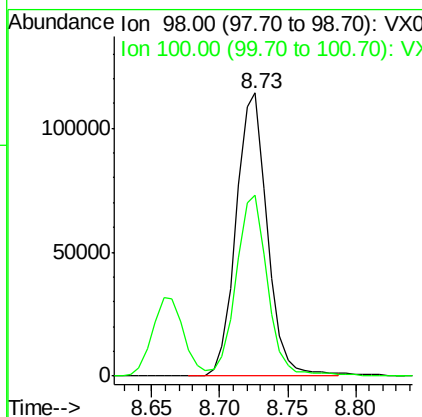
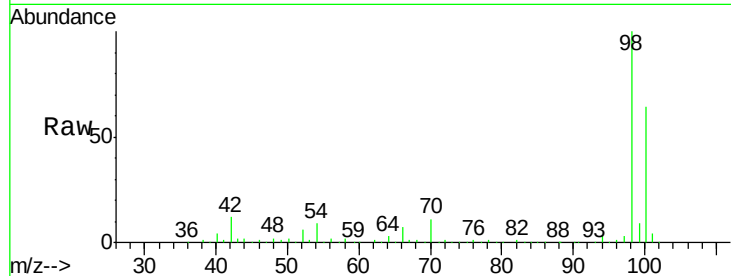
#63
Toluene-d8
Concen: 29.42 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000128.D
Acq: 22 Feb 2018 13:18

Instrument :
ClientSampleId :
VSTDCCC020

Tot Ion: 98 Resp: 182544
Ion Ratio Lower Upper
98 100
100 65.0 50.0 75.0

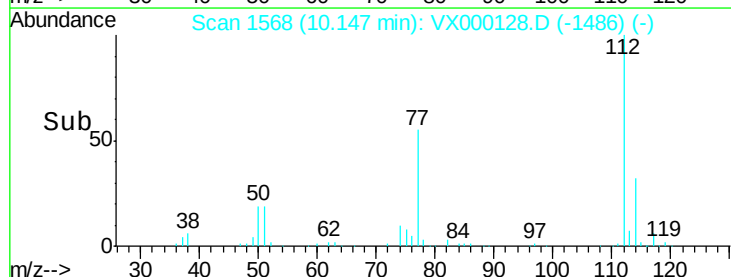
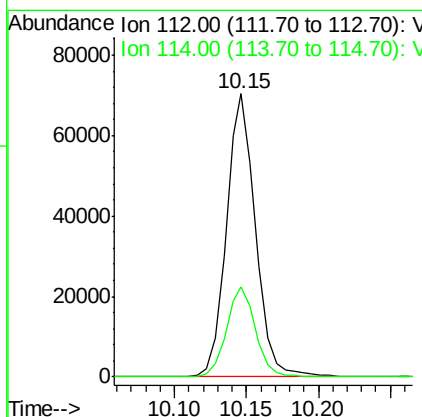
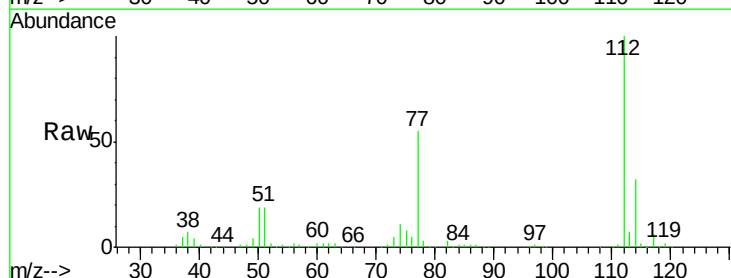
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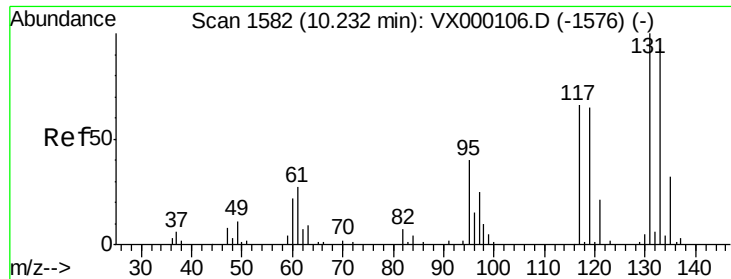
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#64
Chlorobenzene
Concen: 19.55 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000128.D
Acq: 22 Feb 2018 13:18

Tgt Ion: 112 Resp: 99573
Ion Ratio Lower Upper
112 100
114 32.0 26.4 39.6





#65

1,1,1,2-Tetrachloroethane

Concen: 18.86 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.01 min

Lab File: VX000128.D

Acq: 22 Feb 2018 13:18

Instrument :

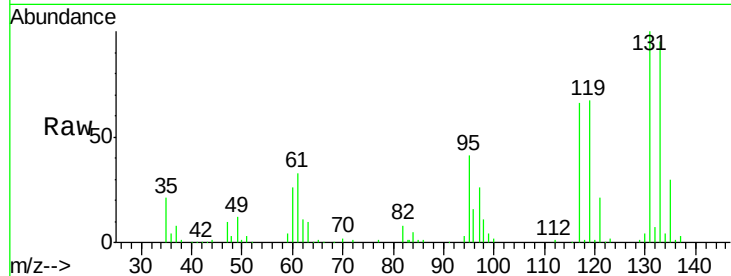
ClientSampled :

VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
131	100	34018		
133	97.5	0.0	187.6	
119	67.8	0.0	134.0	

Manual Integrations
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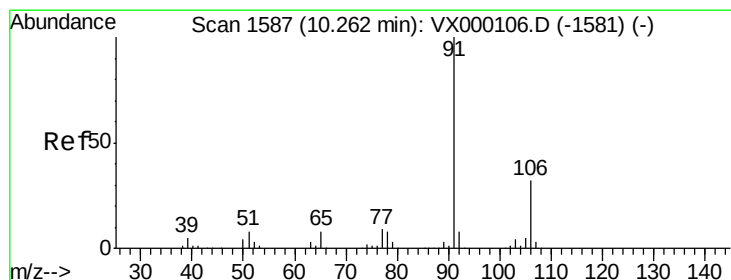
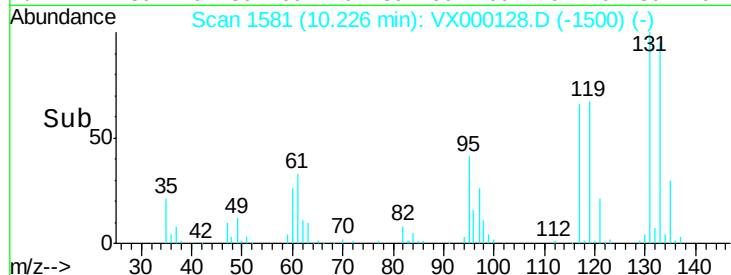
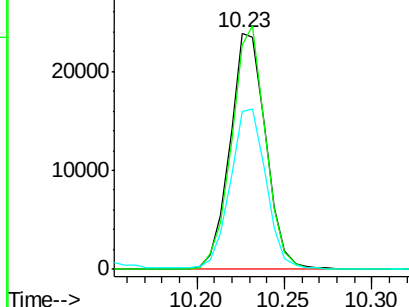
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Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.64 ug/l

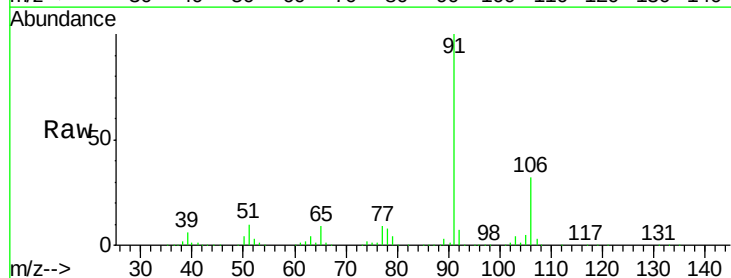
RT: 10.26 min Scan# 1586

Delta R.T. -0.01 min

Lab File: VX000128.D

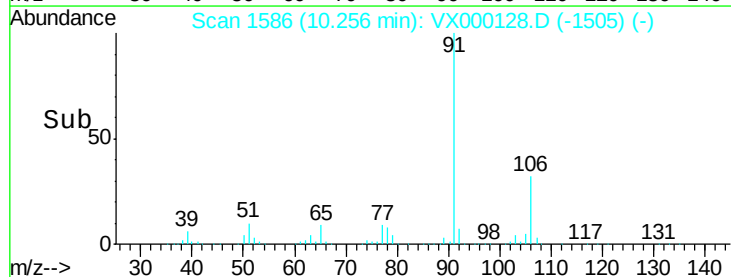
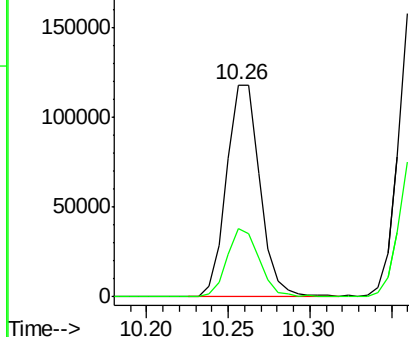
Acq: 22 Feb 2018 13:18

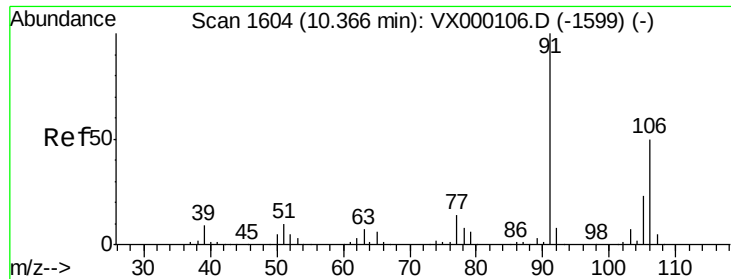
Tgt Ion	Ratio	Resp	Lower	Upper
91	100	168932		
106	32.0	25.9	38.9	



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 38.69 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX000128.D

Acq: 22 Feb 2018 13:18

Instrument :

ClientSampled :

VSTDCCC020

Tot Ion:106 Resp: 130479

Ion Ratio Lower Upper

106 100

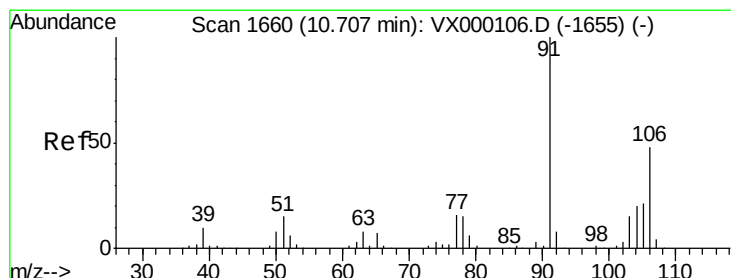
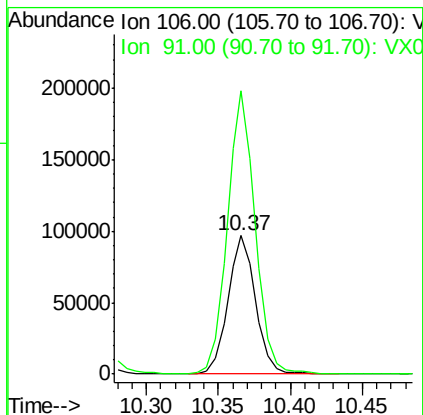
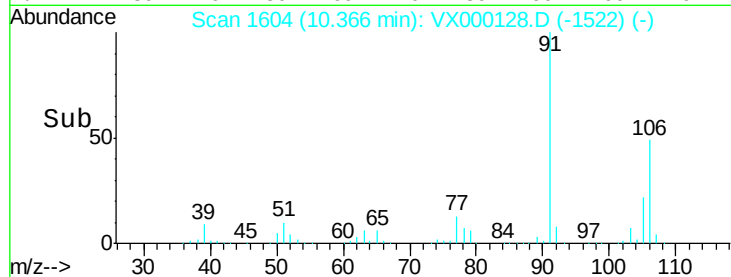
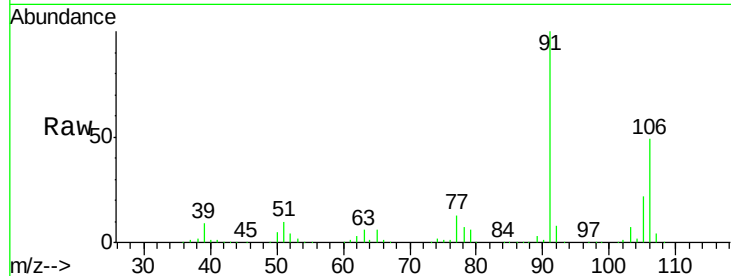
91 203.0 161.6 242.4

Manual Integrations

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#68

o-Xylene

Concen: 19.19 ug/l

RT: 10.71 min Scan# 1660

Delta R.T. 0.00 min

Lab File: VX000128.D

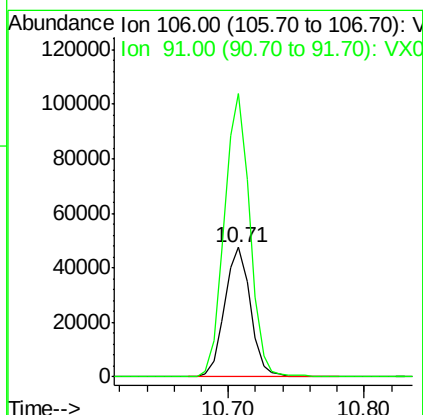
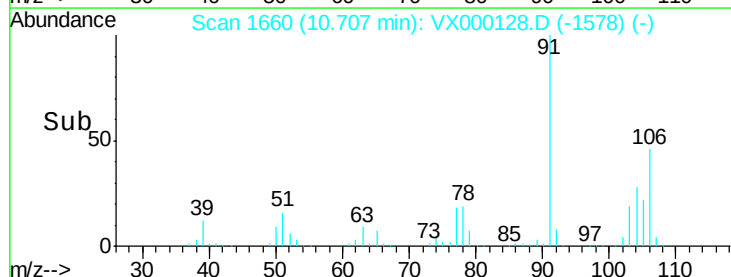
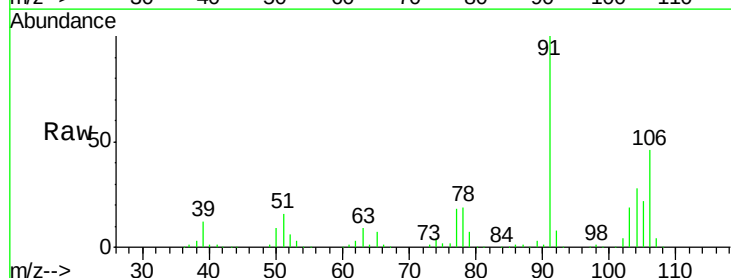
Acq: 22 Feb 2018 13:18

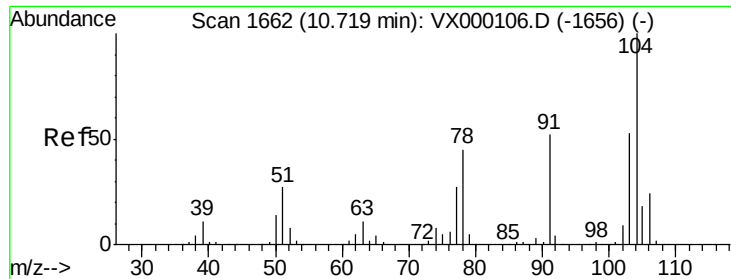
Tgt Ion:106 Resp: 62854

Ion Ratio Lower Upper

106 100

91 215.2 105.6 316.8





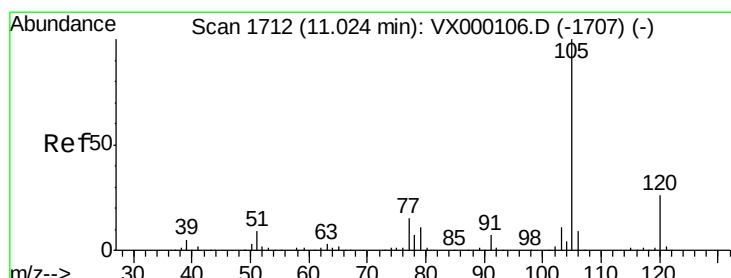
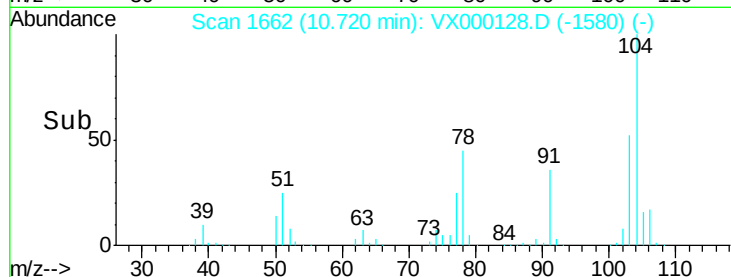
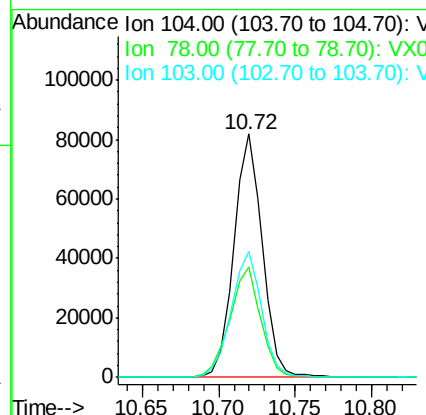
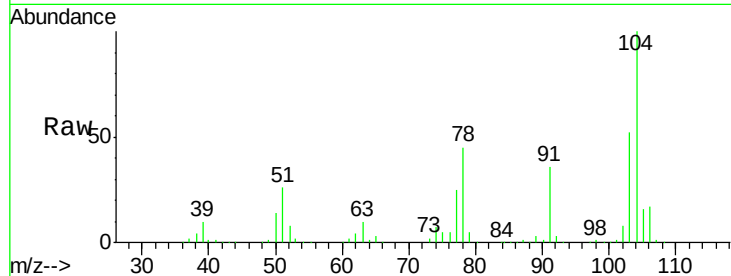
#69
Stvrene
Concen: 19.42 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000128.D
Acq: 22 Feb 2018 13:18

Instrument :
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.5	39.0	58.4
103	55.7	44.7	67.1

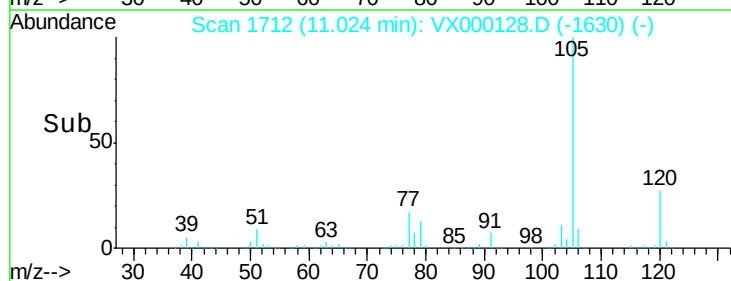
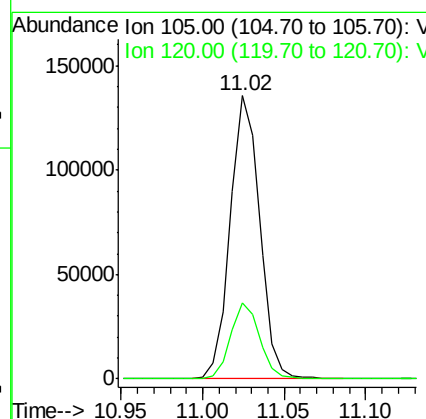
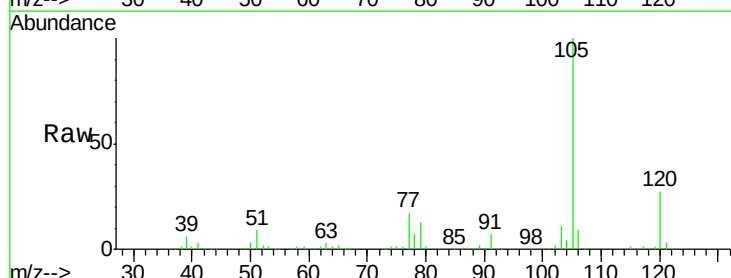
Manual Integrations
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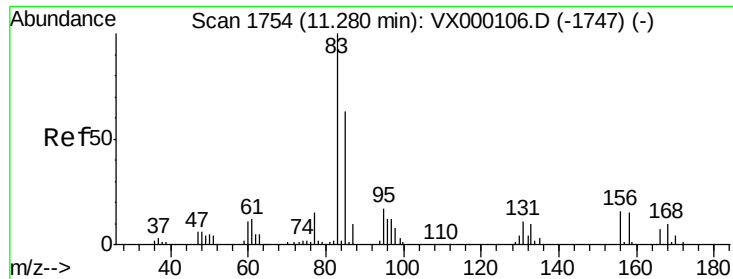
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#70
Isopropylbenzene
Concen: 19.26 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX000128.D
Acq: 22 Feb 2018 13:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.6	18.8	35.0





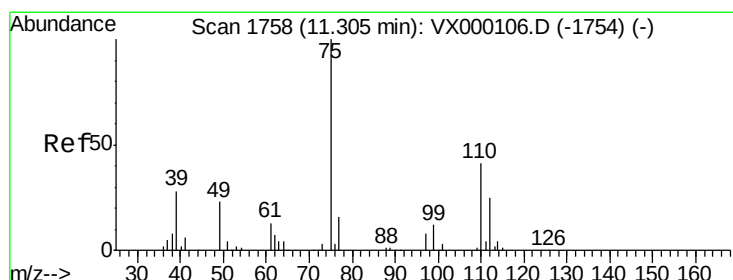
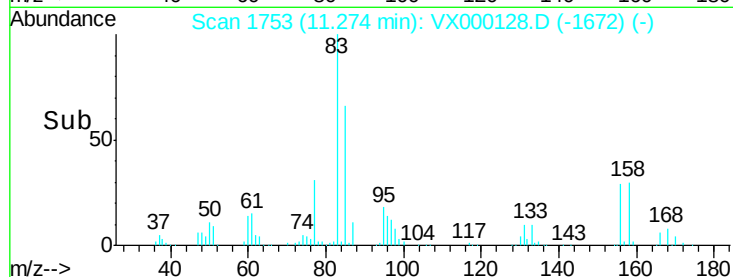
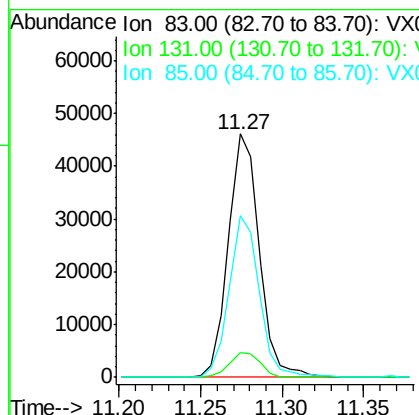
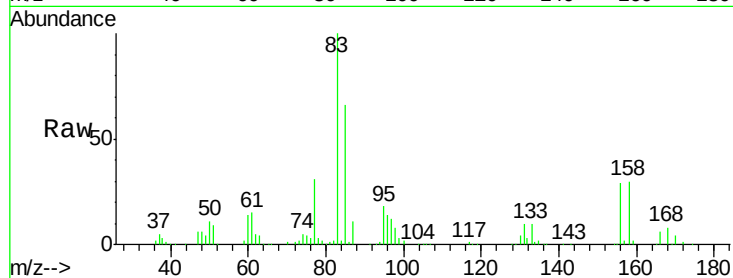
#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.99 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: VX000128.D
 Acq: 22 Feb 2018 13:18

Instrument :
 ClientSampled :
 VSTDCCC020

Tot Ion	83	Resp	60903
Ion Ratio	100	Lower	Upper
83	100		
131	10.5	5.3	16.1
85	65.1	32.5	97.5

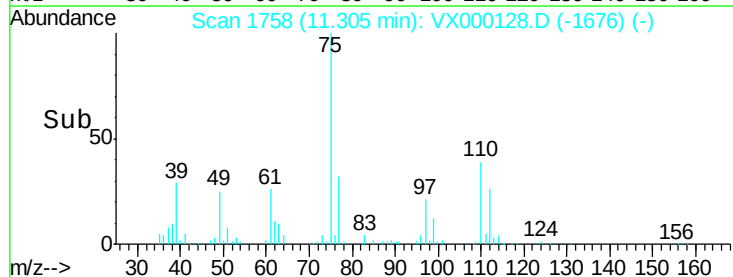
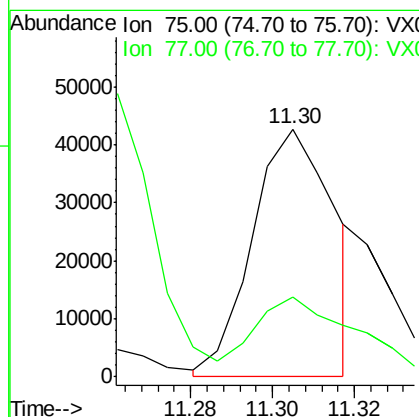
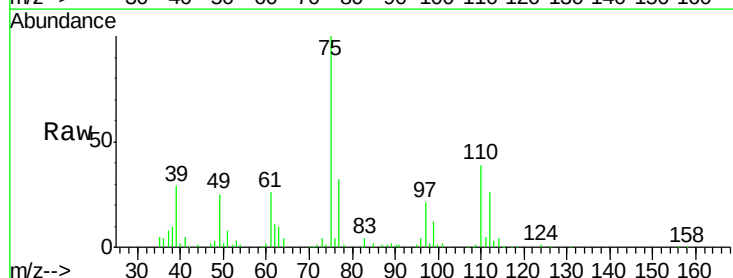
Manual Integrations
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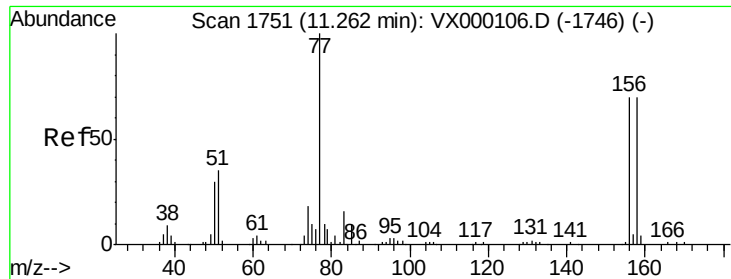
apatel
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#72
 1,2,3-Trichloropropane
 Concen: 21.60 ug/l m
 RT: 11.30 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VX000128.D
 Acq: 22 Feb 2018 13:18

Tgt Ion	75	Resp	59026
Ion Ratio	100	Lower	Upper
75	100		
77	40.6	0.0	85.8





#73

Bromobenzene

Concen: 18.90 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000128.D

Acq: 22 Feb 2018 13:18

Instrument :

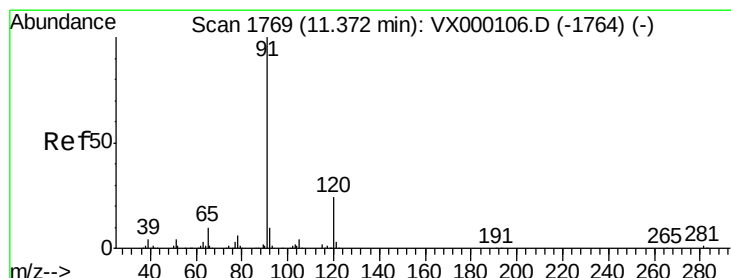
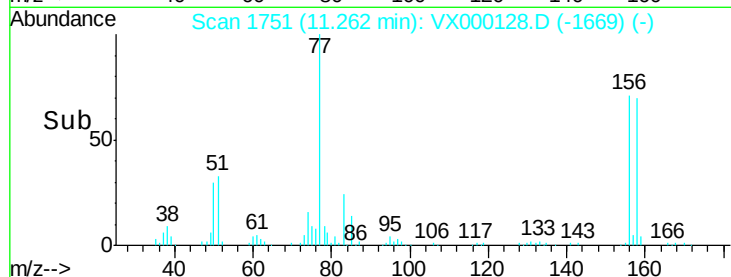
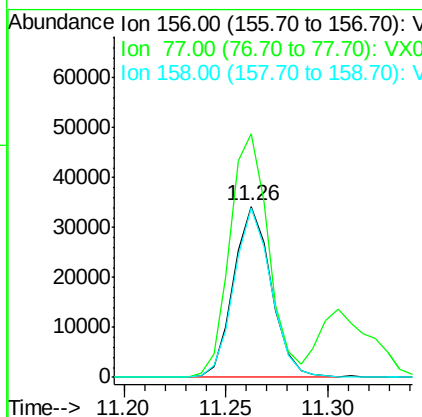
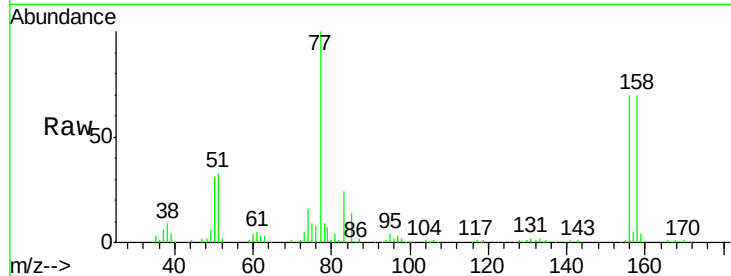
ClientSampled :

VSTDCCC020

Tot Ion	Ratio	Lower	Upper
156	100		
77	146.3	0.0	280.2
158	98.1	0.0	197.2

Manual Integrations
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#74

n-propylbenzene

Concen: 20.01 ug/l

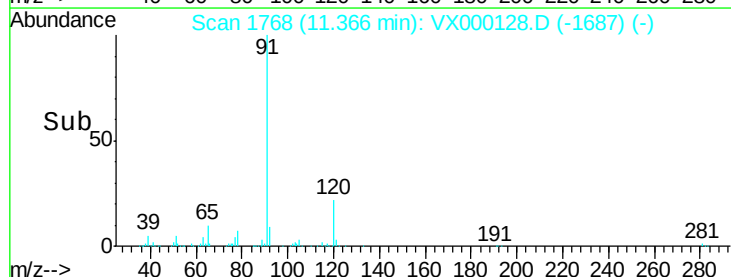
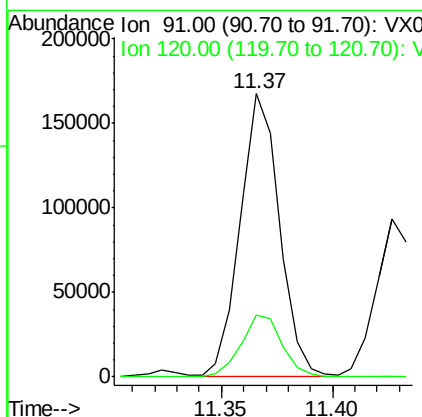
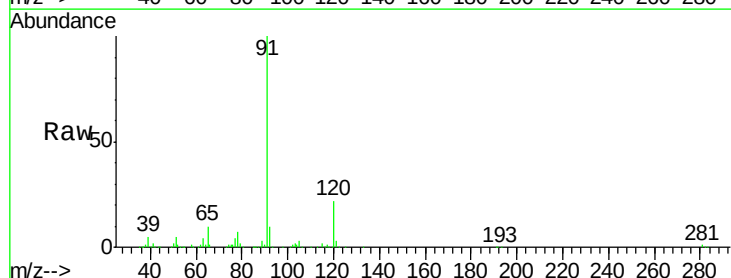
RT: 11.37 min Scan# 1768

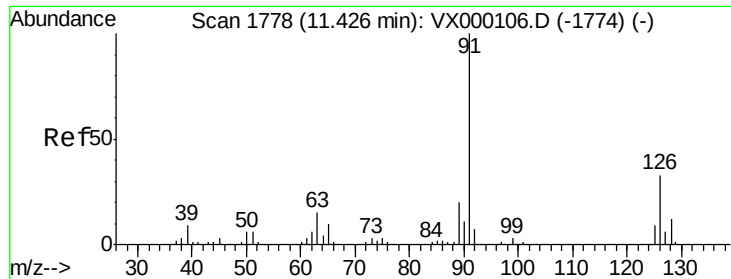
Delta R.T. -0.01 min

Lab File: VX000128.D

Acq: 22 Feb 2018 13:18

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.7	0.0	47.4





#75

2-Chlorotoluene

Concen: 19.37 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000128.D

Acq: 22 Feb 2018 13:18

Instrument :

ClientSampled :

VSTDCCC020

Tot Ion: 91 Resp: 115601

Ion Ratio Lower Upper

91 100

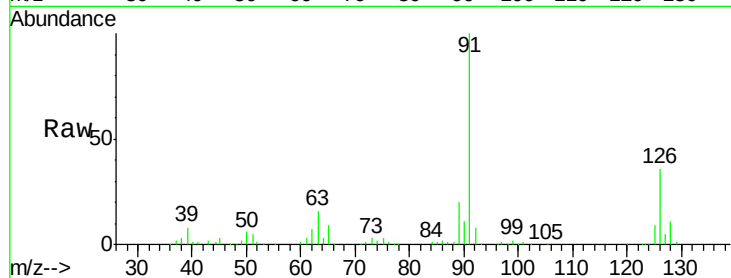
126 36.1 0.0 71.4

Manual Integrations

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

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

150000

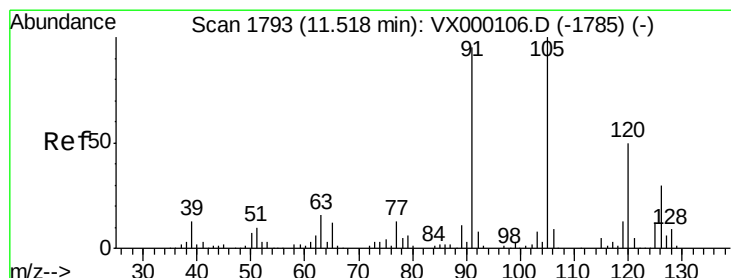
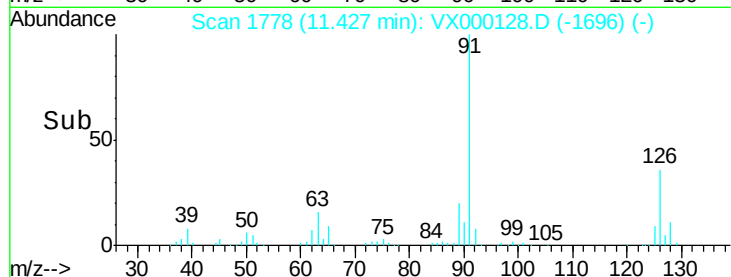
100000

50000

0

11.40 11.43 11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 19.56 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX000128.D

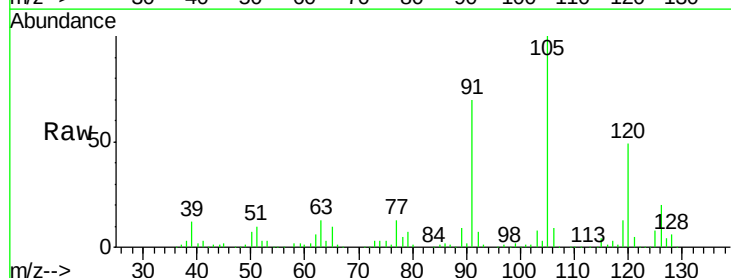
Acq: 22 Feb 2018 13:18

Tgt Ion: 105 Resp: 146763

Ion Ratio Lower Upper

105 100

120 48.9 0.0 63.8



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

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

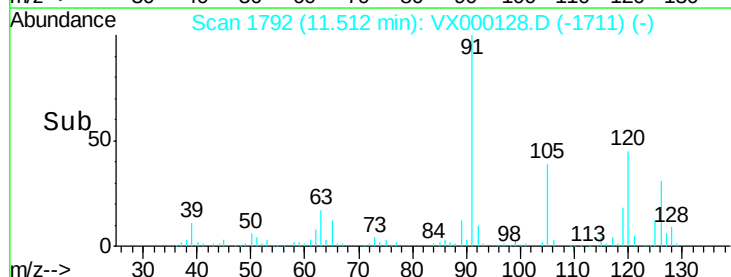
100000

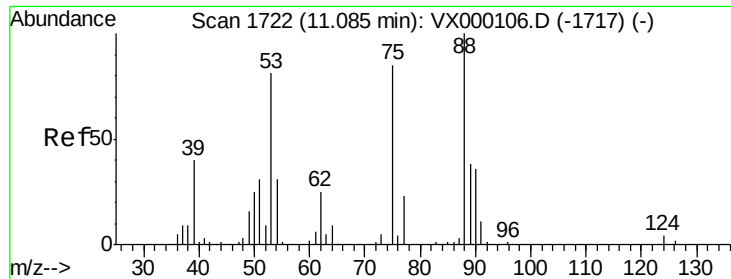
50000

0

11.45 11.50 11.55

Time-->





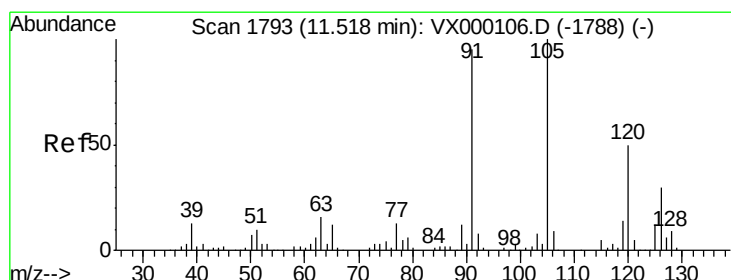
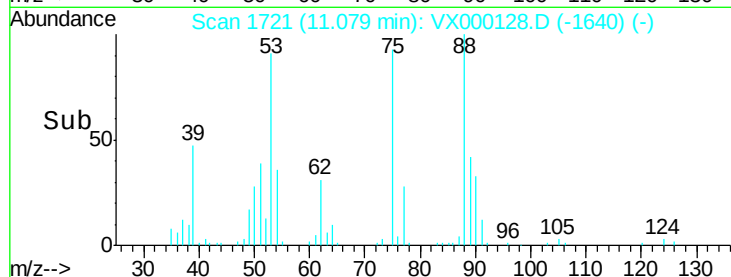
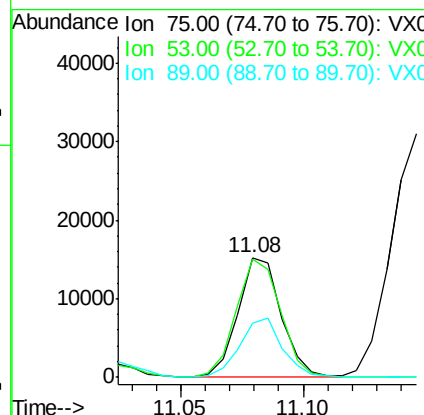
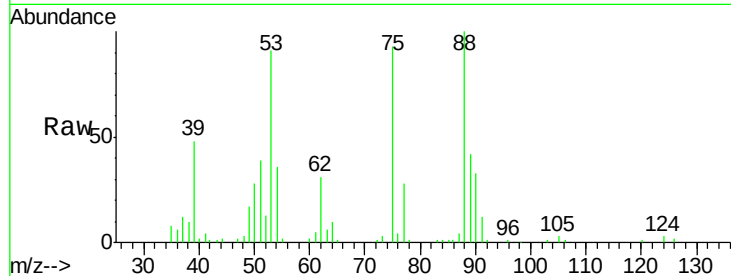
#77
t-1,4-Dichloro-2-butene
Concen: 19.45 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.01 min
Lab File: VX000128.D
Acq: 22 Feb 2018 13:18

Instrument :
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.7	47.8	143.3
89	45.2	22.3	66.8

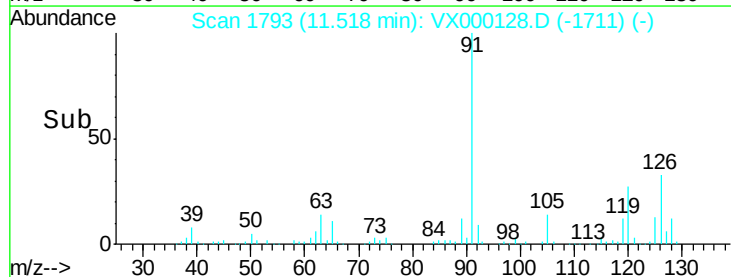
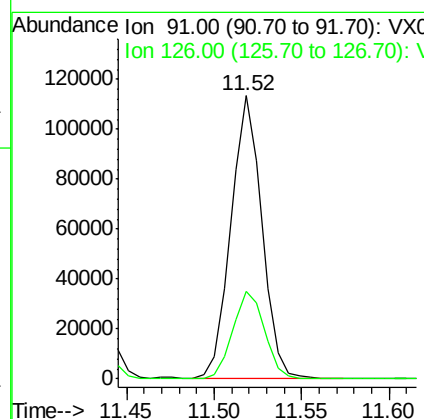
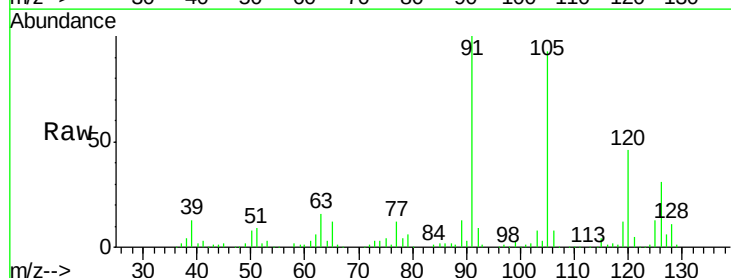
Manual Integrations
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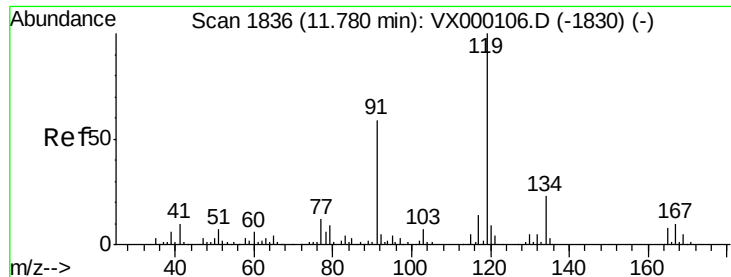
apatel
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#78
4-Chlorotoluene
Concen: 19.61 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000128.D
Acq: 22 Feb 2018 13:18

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.8	0.0	63.4





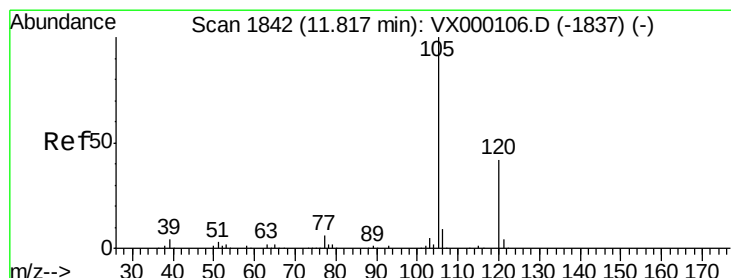
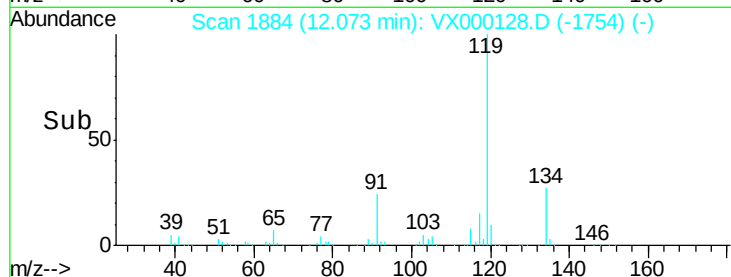
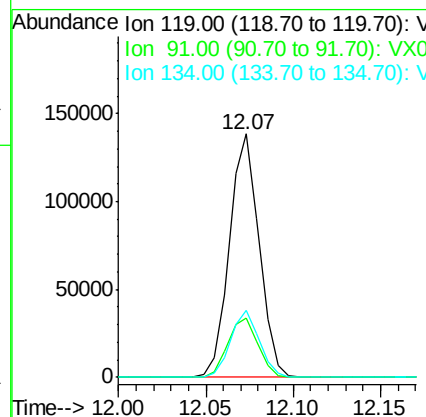
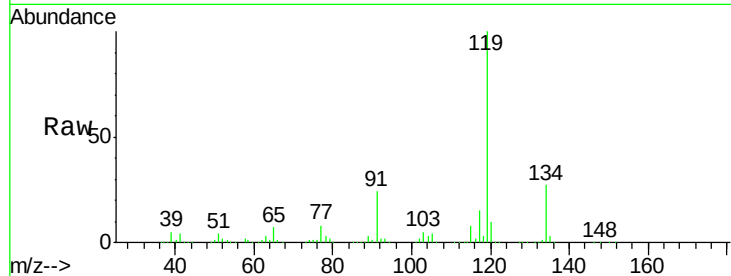
#79
tert-butylbenzene
Concen: 21.83 ug/l
RT: 12.07 min Scan# 1884
Delta R.T. 0.29 min
Lab File: VX000128.D
Acq: 22 Feb 2018 13:18

Instrument :
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	163066		
91	25.1	0.0	51.6	
134	26.6	0.0	60.2	

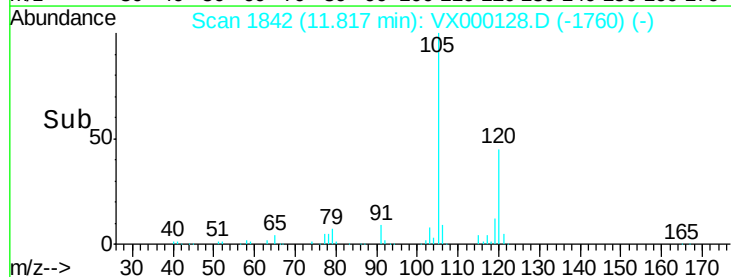
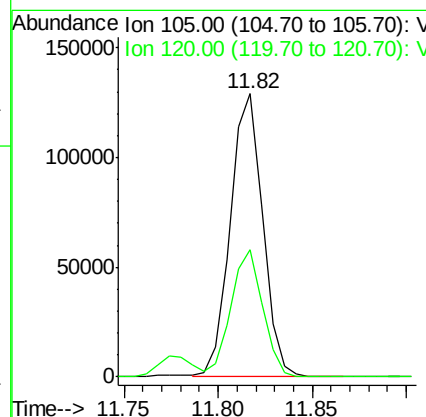
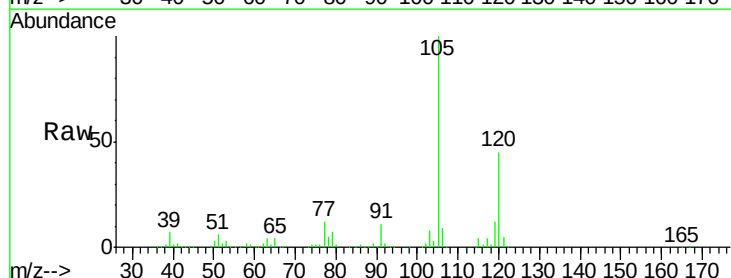
Manual Integrations
APPROVED

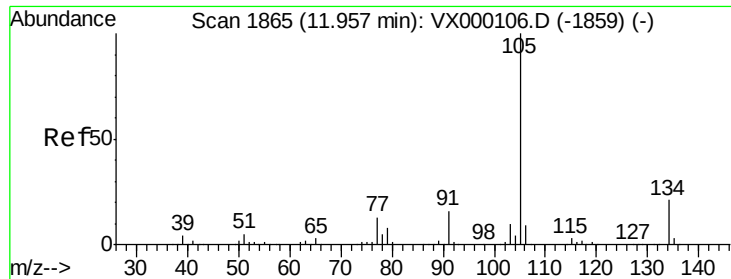
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#80
1,2,4-Trimethylbenzene
Concen: 20.18 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX000128.D
Acq: 22 Feb 2018 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	154448		
120	43.9	0.0	93.0	





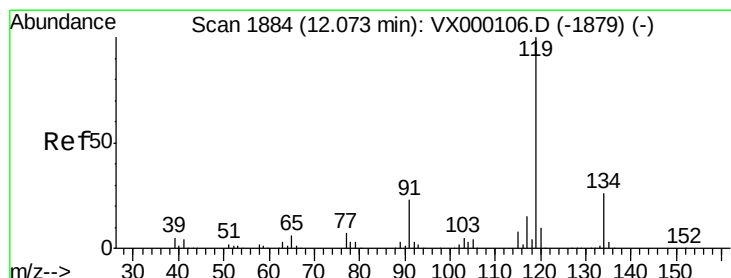
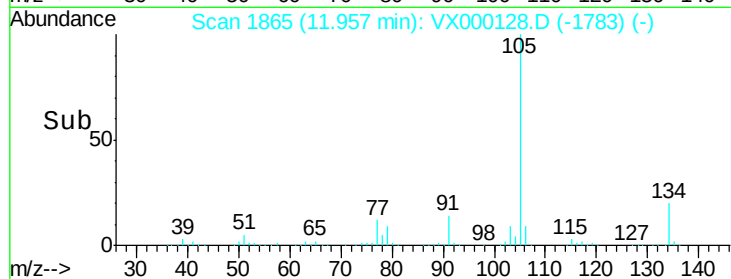
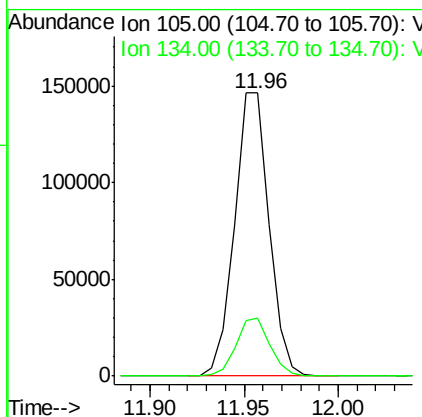
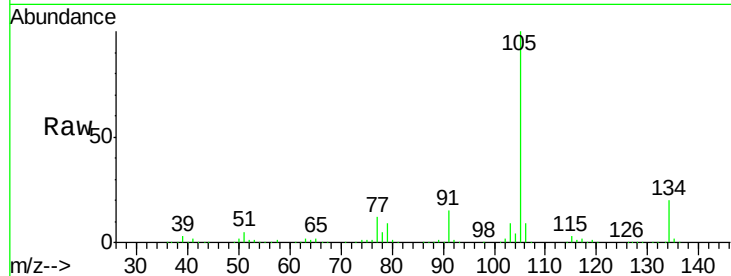
#81
 sec-Butylbenzene
 Concen: 20.14 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VX000128.D
 Acq: 22 Feb 2018 13:18

Instrument :
 ClientSampled :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
105	100	185944		
134	20.1	0.0	41.8	

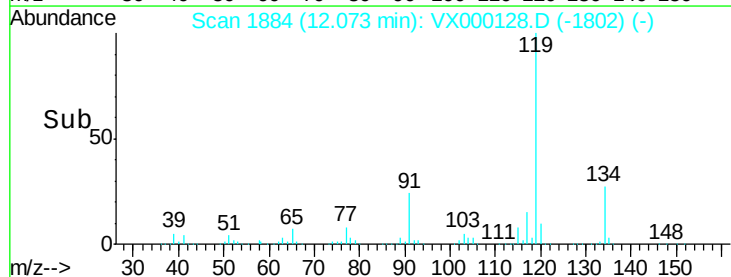
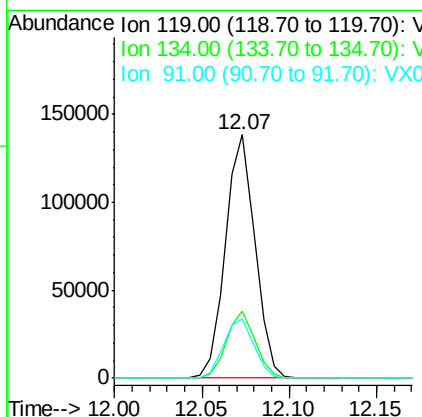
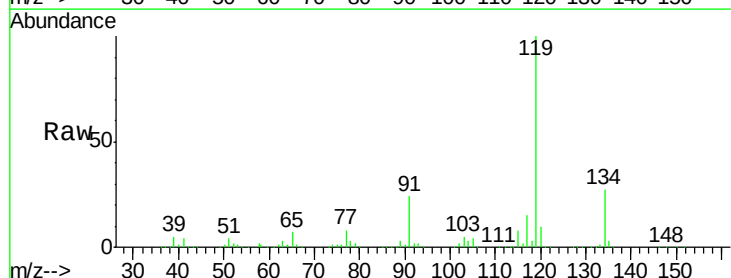
Manual Integrations
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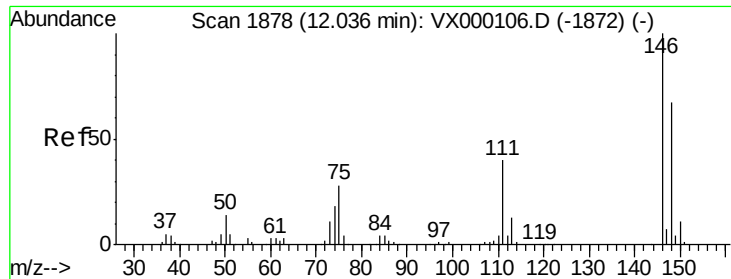
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#82
 p-Isopropyltoluene
 Concen: 19.80 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000128.D
 Acq: 22 Feb 2018 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	163066		
134	26.6	0.0	54.4	
91	25.1	0.0	46.6	





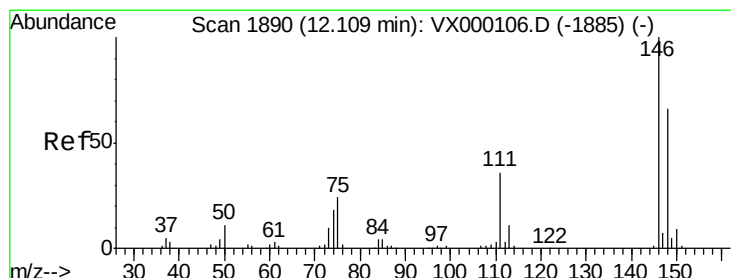
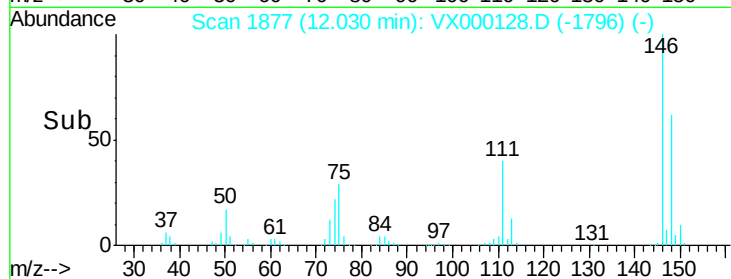
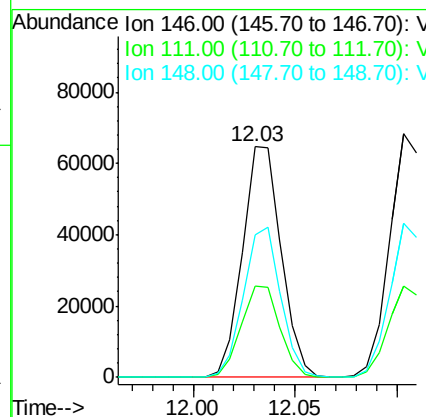
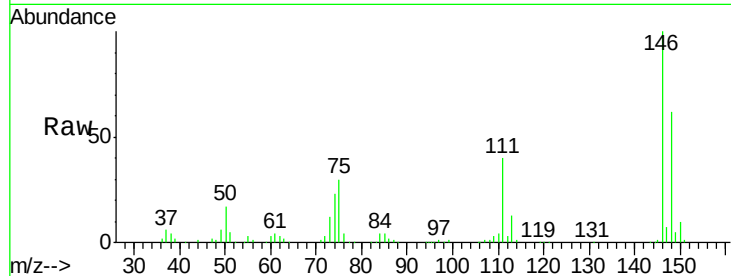
#83
 1,3-Dichlorobenzene
 Concen: 19.33 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.01 min
 Lab File: VX000128.D
 Acq: 22 Feb 2018 13:18

Instrument :
 ClientSampled :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.4	58.2
148	62.7	32.6	97.7

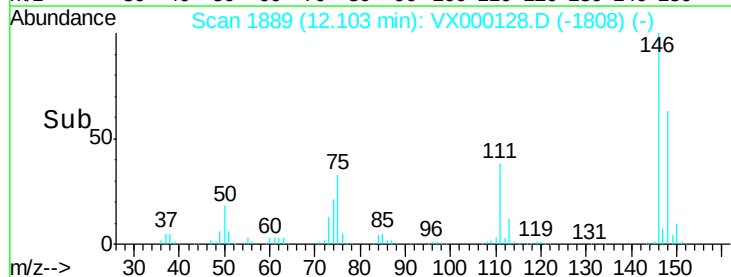
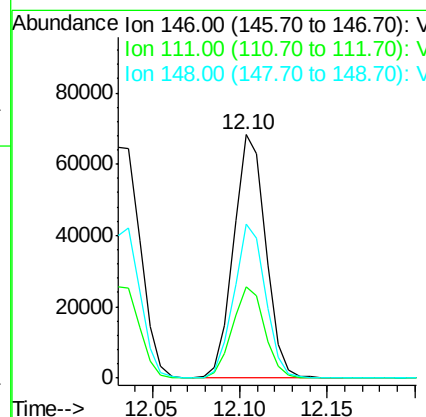
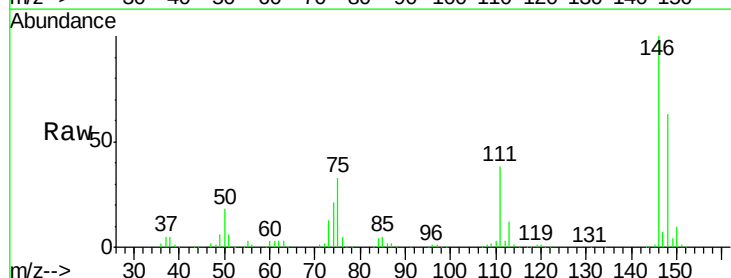
Manual Integrations
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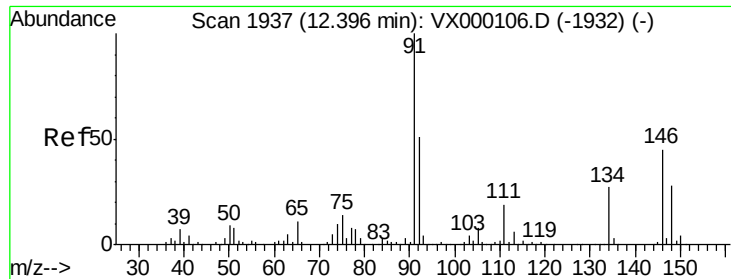
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#84
 1,4-Dichlorobenzene
 Concen: 18.92 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000128.D
 Acq: 22 Feb 2018 13:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.4	55.0
148	62.0	31.9	95.7





#85

n-Butylbenzene

Concen: 20.46 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000128.D

Acq: 22 Feb 2018 13:18

Instrument :

ClientSampled :

VSTDCCC020

Tot Ion: 91 Resp: 158095

Ion Ratio Lower Upper

91 100

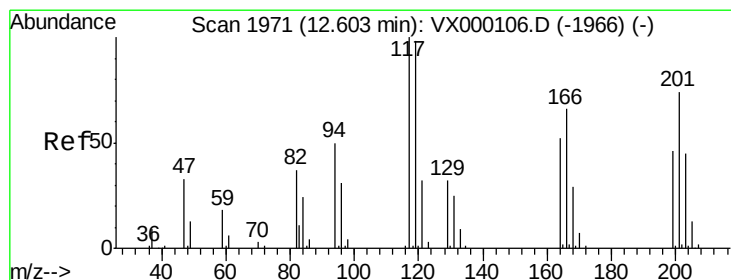
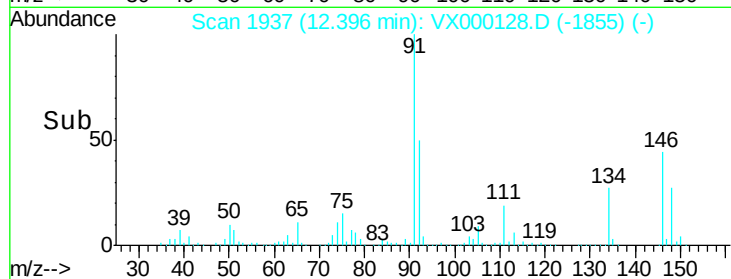
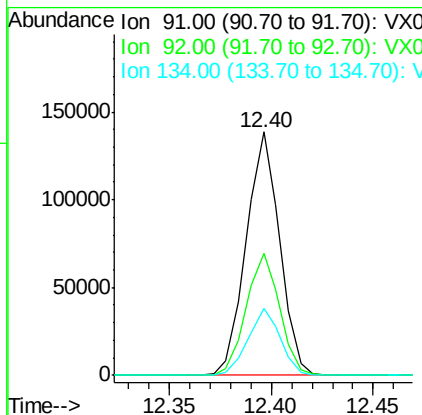
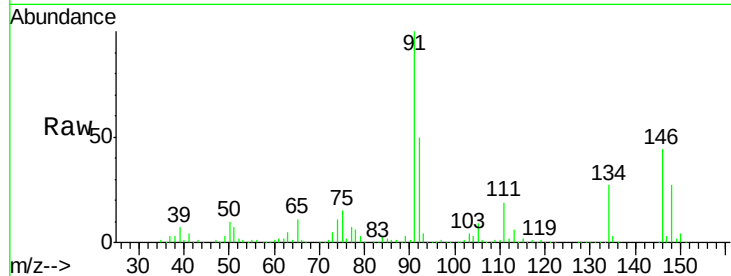
92 50.1 0.0 102.0

134 26.4 0.0 54.2

Manual Integrations
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#86

Hexachloroethane

Concen: 18.12 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX000128.D

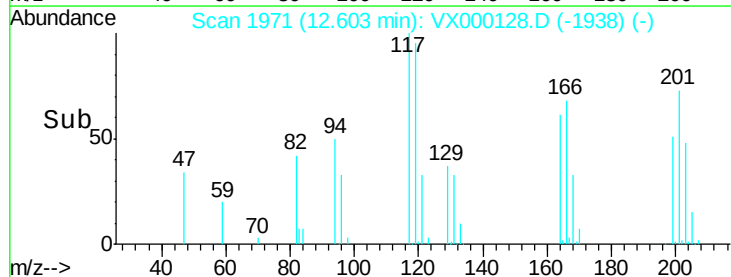
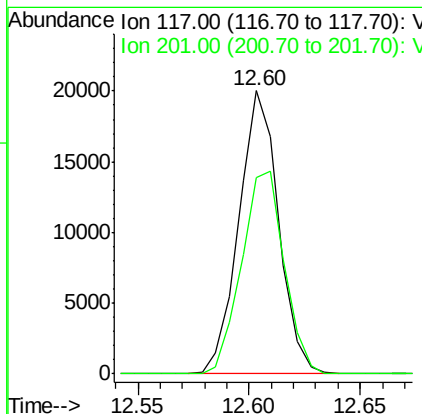
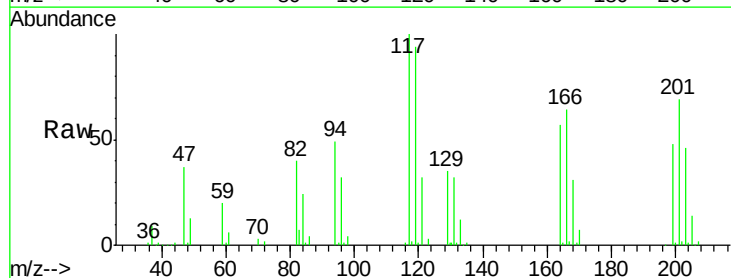
Acq: 22 Feb 2018 13:18

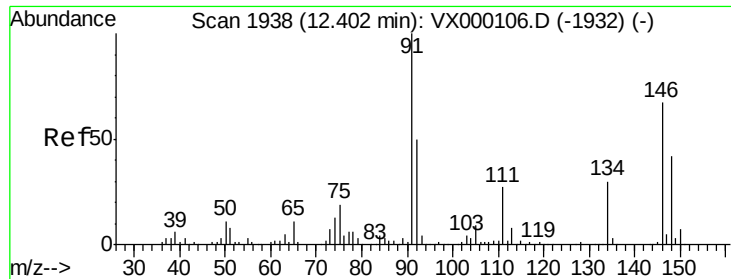
Tgt Ion: 117 Resp: 24933

Ion Ratio Lower Upper

117 100

201 76.9 38.9 116.6





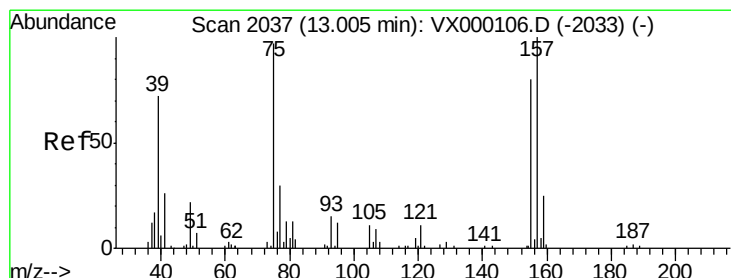
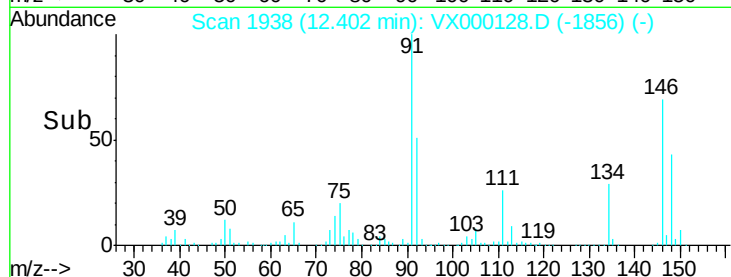
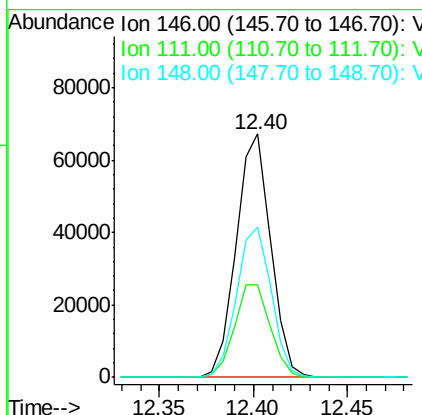
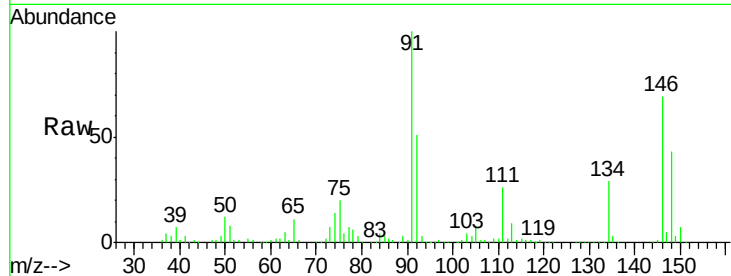
#87
 1,2-Dichlorobenzene
 Concen: 19.48 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000128.D
 Acq: 22 Feb 2018 13:18

Instrument :
 ClientSampled :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.0	60.0
148	62.4	31.6	95.0

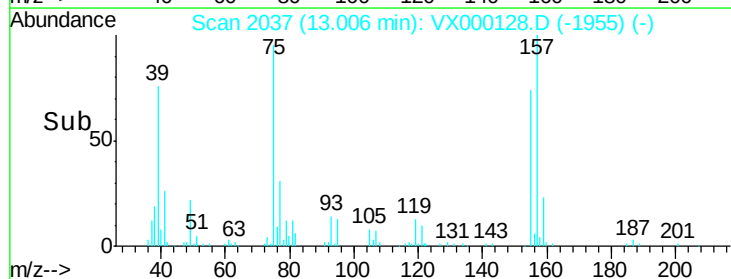
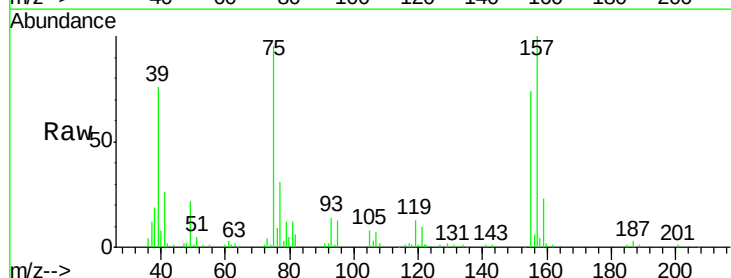
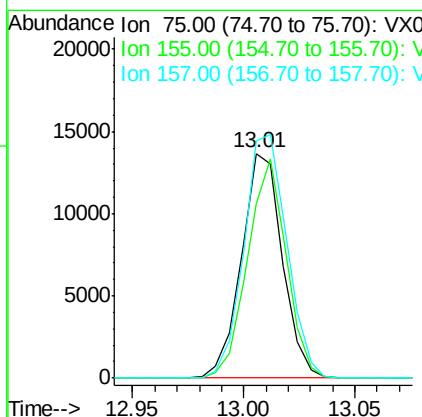
Manual Integrations
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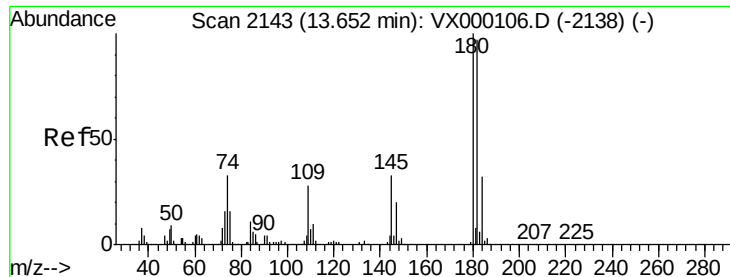
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.61 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX000128.D
 Acq: 22 Feb 2018 13:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.9	75.1	112.7
157	113.3	99.0	148.4





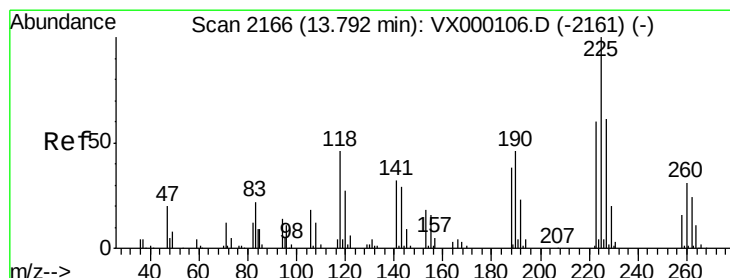
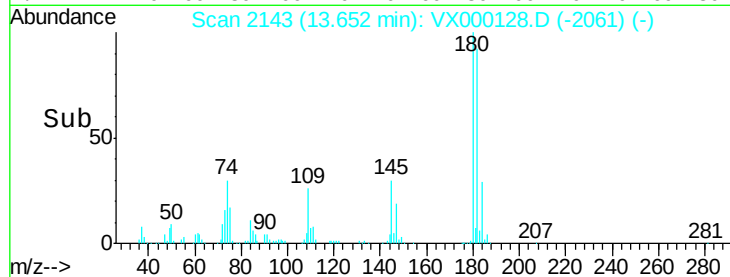
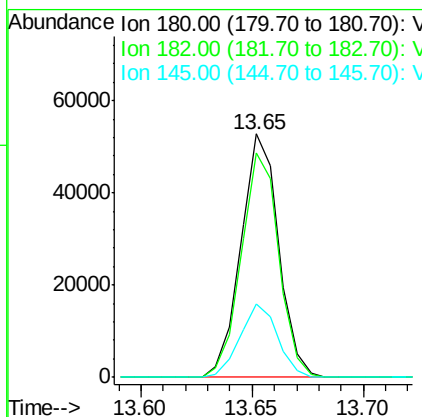
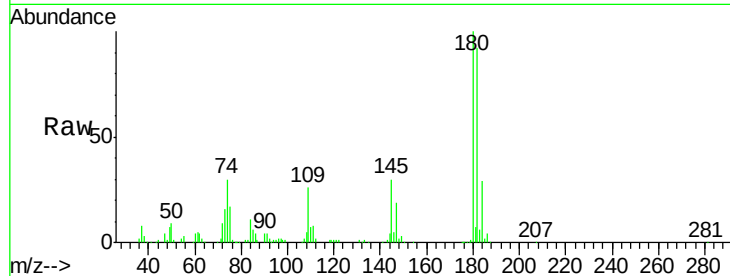
#89
 1,2,4-Trichlorobenzene
 Concen: 19.41 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000128.D
 Acq: 22 Feb 2018 13:18

Instrument :
 ClientSampled :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.9	76.3	114.5
145	30.0	24.6	37.0

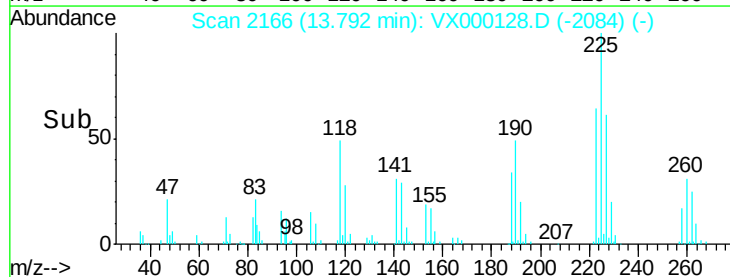
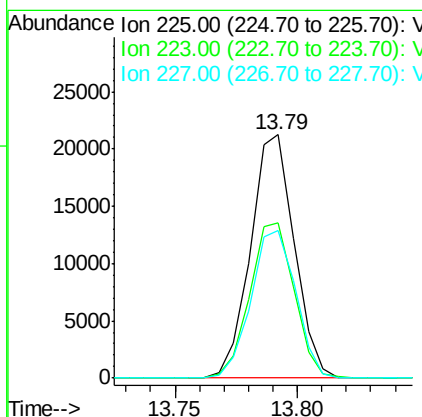
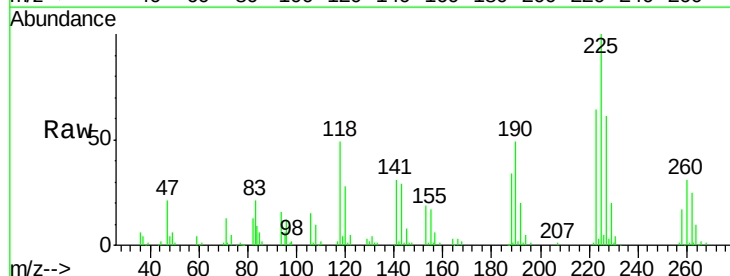
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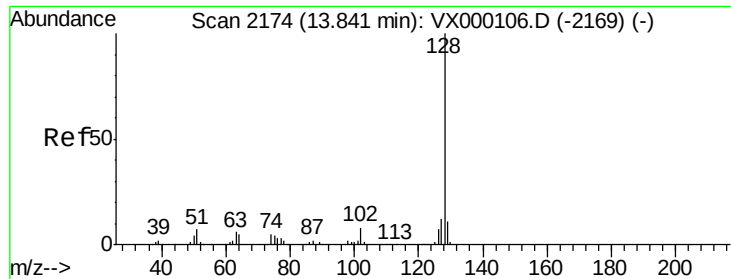
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#90
 Hexachlorobutadiene
 Concen: 19.13 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000128.D
 Acq: 22 Feb 2018 13:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	0.0	131.2
227	61.9	0.0	127.6





#91

Naphthalene

Concen: 19.89 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000128.D

Acq: 22 Feb 2018 13:18

Instrument :

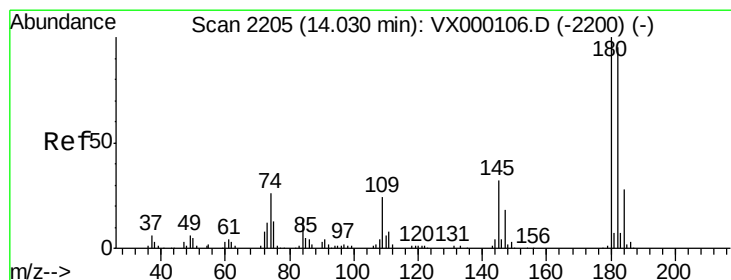
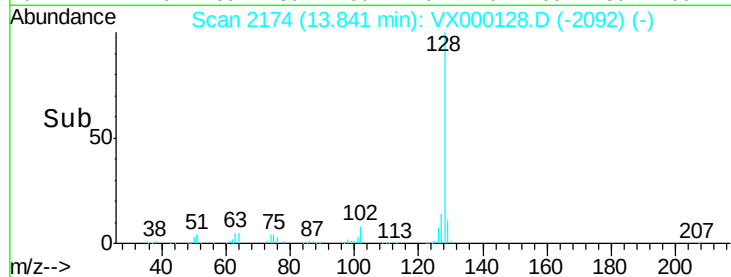
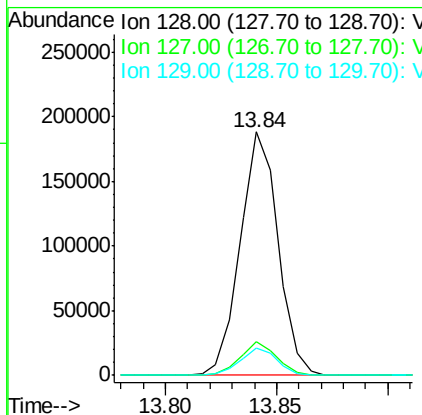
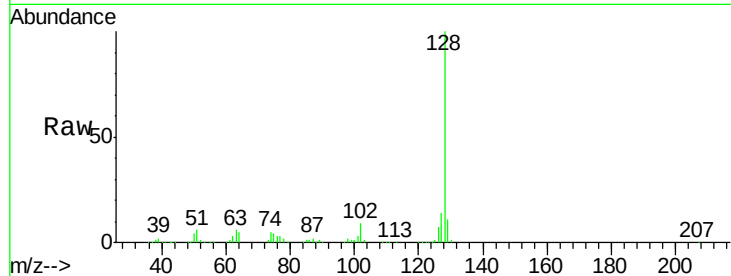
ClientSampled :

VSTDCCC020

Tot Ion:	128	Resp:	223611
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.5	15.7
129	11.0	9.0	13.6

Manual Integrations
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#92

1,2,3-Trichlorobenzene

Concen: 18.99 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VX000128.D

Acq: 22 Feb 2018 13:18

Tgt Ion:	180	Resp:	61416
Ion Ratio	Lower	Upper	
180	100		
182	93.9	0.0	188.6
145	31.9	0.0	65.8

