

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX022118\
 Data File : VX000120.D
 Acq On : 21 Feb 2018 16:31
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

sam
 2/23/2018 5:52:30 PM

Quant Time: Feb 22 07:09:57 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X022018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 21 06:17:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.04	128	14210	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	88793	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	83833	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.08	65	35089	31.91	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	106.37%
60) 4-Bromofluorobenzene	11.15	95	41350	30.15	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.50%
63) Toluene-d8	8.73	98	108829	30.31	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.03%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	16322	18.51	ug/l	98
3) Chloromethane	1.32	50	17365	19.65	ug/l	97
4) Vinyl Chloride	1.40	62	21144	20.11	ug/l	99
5) Bromomethane	1.64	94	16002	16.51	ug/l	96
6) Chloroethane	1.73	64	13356	19.84	ug/l	98
7) Trichlorofluoromethane	1.93	101	36311	19.93	ug/l	98
8) Diethyl Ether	2.19	74	12613	19.82	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	19674	19.79	ug/l	98
10) 1,1-Dichloroethene	2.38	96	18633	19.62	ug/l	98
11) Methyl Iodide	2.51	142	19313	20.93	ug/l	97
12) Methyl Acetate	2.79	43	34098	20.10	ug/l	99
13) Acrolein	2.30	56	19203	94.05	ug/l	99
14) Acrylonitrile	3.16	53	70424	95.79	ug/l	99
15) Acetone	2.45	58	22460	93.70	ug/l	96
16) Carbon Disulfide	2.57	76	49584	18.26	ug/l	100
17) Allyl chloride	2.73	41	31438	19.42	ug/l	100
18) Methylene Chloride	2.86	84	20180	19.50	ug/l	97
19) trans-1,2-Dichloroethene	3.17	96	20444	19.79	ug/l	97
20) Diisopropyl ether	3.89	45	52636	20.59	ug/l	94
21) 1,1-Dichloroethane	3.70	63	35715	21.20	ug/l	98
22) cis-1,2-Dichloroethene	4.60	96	18161	18.92	ug/l	100
23) tert-Butyl Alcohol	3.09	59	35657	84.85	ug/l #	100
24) Methyl tert-Butyl Ether	3.21	73	66615	20.36	ug/l	99
25) Chloroform	5.23	83	31955	19.13	ug/l	100
26) Cyclohexane	5.59	56	24409	18.48	ug/l #	96
29) 1,1-Dichloropropene	5.81	75	24236	18.74	ug/l	98
30) 2-Butanone	4.73	43	85418	85.82	ug/l	100
31) 2,2-Dichloropropane	4.59	77	25213	18.13	ug/l #	86
32) 1,1,1-Trichloroethane	5.51	97	28683	18.33	ug/l	99
33) Carbon Tetrachloride	5.79	117	25580	18.41	ug/l	96
34) Benzene	6.15	78	69943	18.80	ug/l	92
35) Methacrylonitrile	5.08	41	15932	17.38	ug/l	88
36) 1,2-Dichloroethane	6.21	62	26439	18.74	ug/l #	90
37) Trichloroethene	7.23	130	19905	18.10	ug/l	90
38) Methylcyclohexane	7.47	83	27756	17.91	ug/l	98
39) 1,2-Dichloropropane	7.53	63	17316	18.64	ug/l	99
40) Dibromomethane	7.67	93	13393	18.71	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.91	83	24507	18.01	ug/l	92
42) Vinyl Acetate	3.84	43	278035	109.59	ug/l	100
43) Ethyl Acetate	4.89	43	30091	17.21	ug/l	96
44) Isopropyl Acetate	6.49	43	46907	18.29	ug/l	100
45) 1,4-Dioxane	7.78	88	11143	345.40	ug/l	97
46) Methyl methacrylate	7.79	41	22980	18.42	ug/l	95
47) n-amyl Acetate	10.91	43	41051	18.33	ug/l	98
48) t-1,3-Dichloropropene	8.45	75	28855	18.22	ug/l	100
49) cis-1,3-Dichloropropene	9.05	75	27753	18.01	ug/l	97
50) 1,1,2-Trichloroethane	9.23	97	19300	18.37	ug/l	95
51) Ethyl methacrylate	9.20	69	29424	18.28	ug/l	98
52) 1,3-Dichloropropane	9.38	76	32273	19.15	ug/l	96
53) Dibromochloromethane	9.59	129	20766	17.76	ug/l	99
54) 1,2-Dibromoethane	9.68	107	21485	18.34	ug/l	100
55) 2-Chloroethyl vinyl ether	8.32	63	66499	94.59	ug/l	99
56) Bromoform	10.87	173	16375	17.29	ug/l	97
58) 4-Methyl-2-Pentanone	8.67	43	169549	92.34	ug/l	99
59) 2-Hexanone	9.51	43	140023	90.05	ug/l	99
61) Tetrachloroethene	9.34	164	18712	18.38	ug/l	96
62) Toluene	8.79	91	82350	18.88	ug/l	100
64) Chlorobenzene	10.15	112	54780	18.59	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.23	131	19095	18.29	ug/l	97
66) Ethyl Benzene	10.26	91	93286	18.74	ug/l	99
67) m/p-Xylenes	10.37	106	72423	37.11	ug/l	99
68) o-Xylene	10.71	106	34679	18.29	ug/l	96
69) Styrene	10.72	104	58883	18.75	ug/l	98
70) Isopropylbenzene	11.02	105	93900	18.32	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	33430	18.96	ug/l	100
72) 1,2,3-Trichloropropane	11.30	75	29714m	18.79	ug/l	
73) Bromobenzene	11.26	156	24064	17.91	ug/l	95
74) n-propylbenzene	11.37	91	112880	18.79	ug/l	100
75) 2-Chlorotoluene	11.43	91	65869	19.07	ug/l	97
76) 1,3,5-Trimethylbenzene	11.51	105	79865	18.39	ug/l	68
77) t-1,4-Dichloro-2-butene	11.09	75	9575	17.12	ug/l	95
78) 4-Chlorotoluene	11.52	91	76694	18.54	ug/l	99
79) tert-butylbenzene	11.78	119	79396m	18.37	ug/l	
80) 1,2,4-Trimethylbenzene	11.82	105	82293	18.58	ug/l	99
81) sec-Butylbenzene	11.96	105	99851	18.69	ug/l	99
82) p-Isopropyltoluene	12.07	119	86744	18.20	ug/l	98
83) 1,3-Dichlorobenzene	12.04	146	45327	17.72	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	47677	17.88	ug/l	99
85) n-Butylbenzene	12.40	91	83018	18.57	ug/l	99
86) Hexachloroethane	12.60	117	13641	17.13	ug/l	97
87) 1,2-Dichlorobenzene	12.40	146	45269	17.86	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.01	75	8709	17.66	ug/l	93
89) 1,2,4-Trichlorobenzene	13.65	180	32165	17.28	ug/l	97
90) Hexachlorobutadiene	13.79	225	14078	17.55	ug/l	97
91) Naphthalene	13.84	128	117458	18.05	ug/l	99
92) 1,2,3-Trichlorobenzene	14.03	180	33265	17.77	ug/l	98

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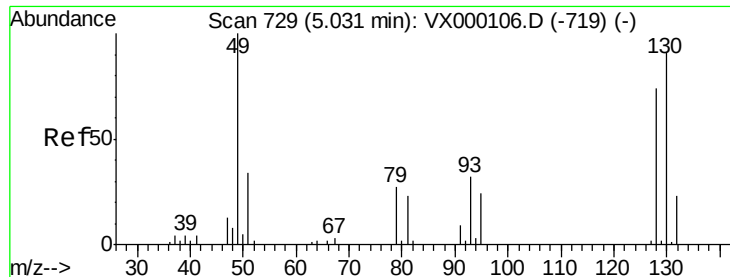
Manual Integrations
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Quant Time: Feb 22 07:09:57 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



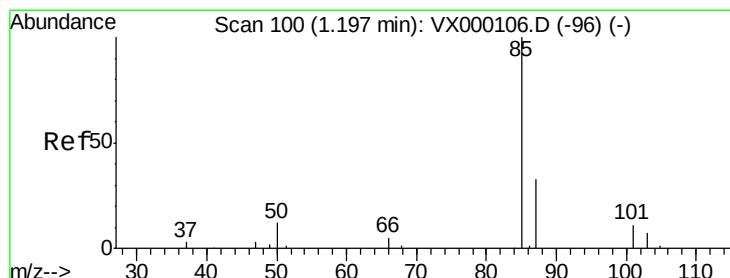
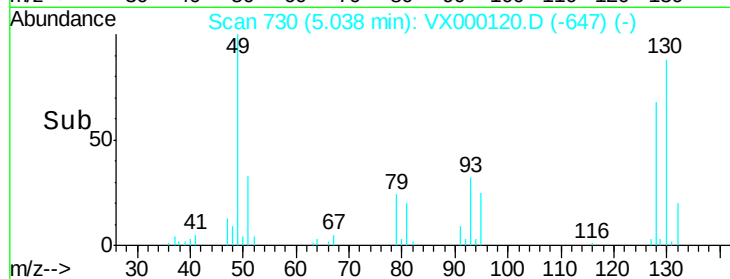
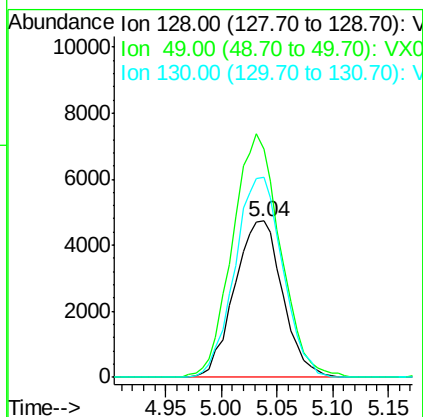
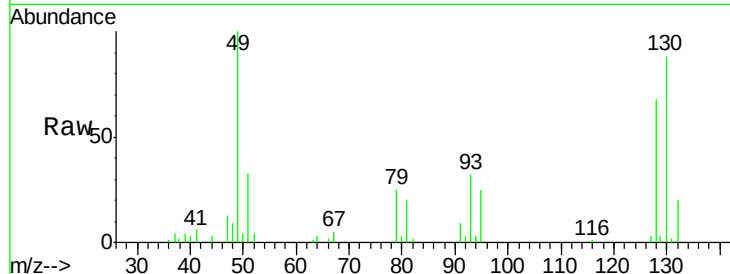
#1
 Bromochloromethane
 Concen: 30.00 ug/l
 RT: 5.04 min Scan# 730
 Delta R.T. 0.01 min
 Lab File: VX000120.D
 Acq: 21 Feb 2018 16:31

Instrument :
 ClientSampled :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
128	100		
49	154.8	0.0	378.3
130	127.4	0.0	324.3

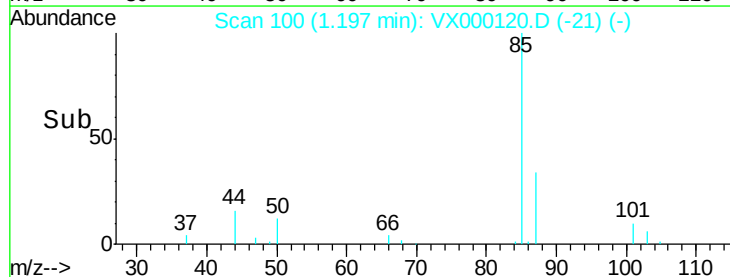
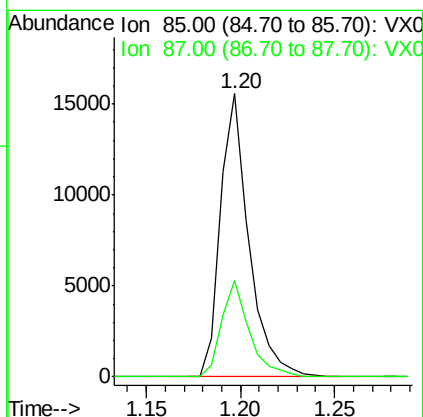
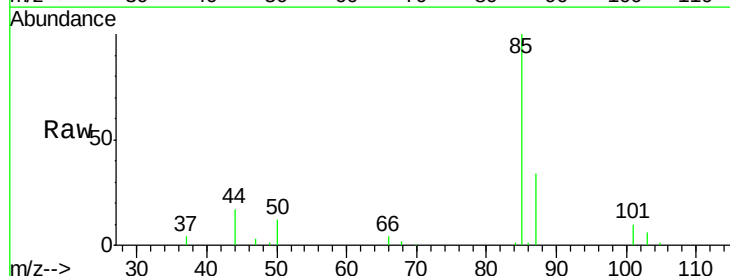
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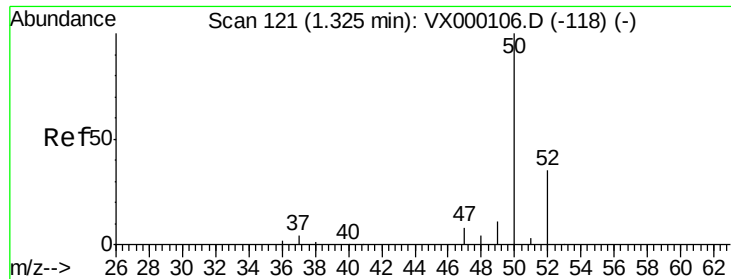
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#2
 Dichlorodifluoromethane
 Concen: 18.51 ug/l
 RT: 1.20 min Scan# 100
 Delta R.T. 0.00 min
 Lab File: VX000120.D
 Acq: 21 Feb 2018 16:31

Tgt Ion	Ratio	Lower	Upper
85	100		
87	34.0	16.6	49.7





#3

Chloromethane

Concen: 19.65 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000120.D

Acq: 21 Feb 2018 16:31

Instrument :

ClientSampled :

VSTDCCC020

Tot Ion: 50 Resp: 17365

Ion Ratio Lower Upper

50 100

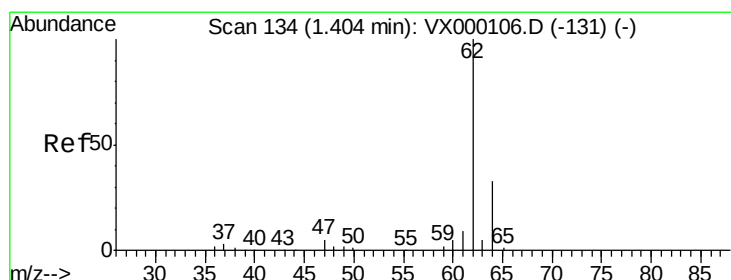
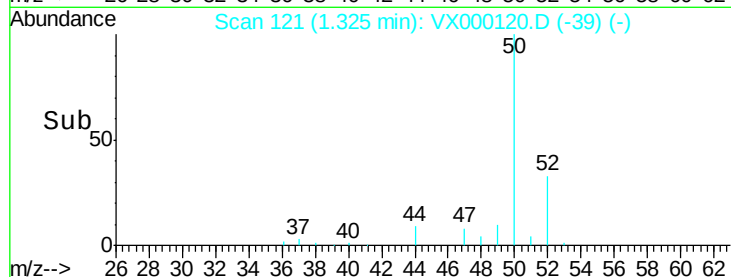
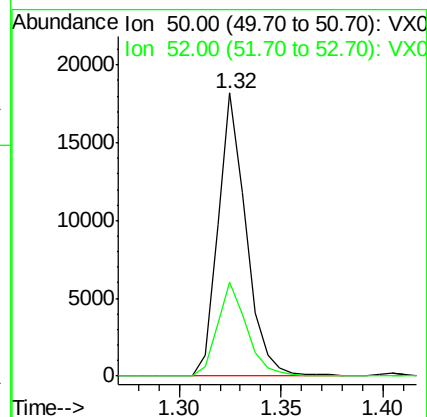
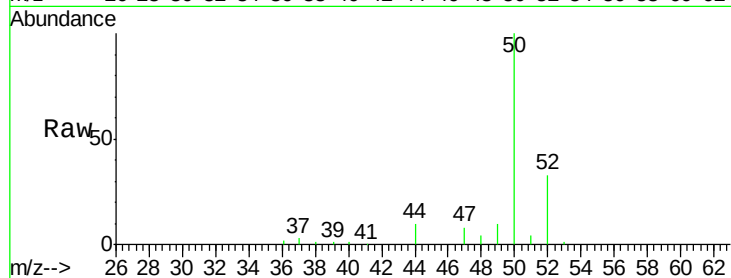
52 33.0 27.8 41.6

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#4

Vinyl Chloride

Concen: 20.11 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX000120.D

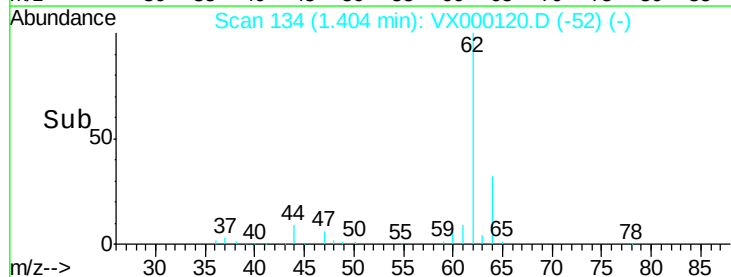
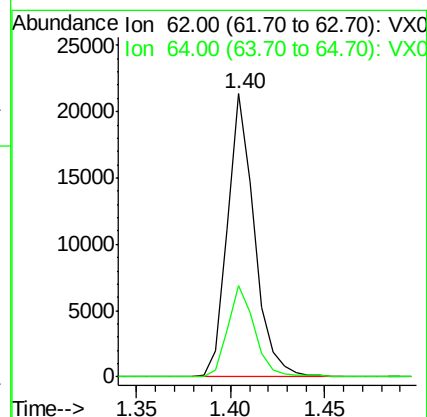
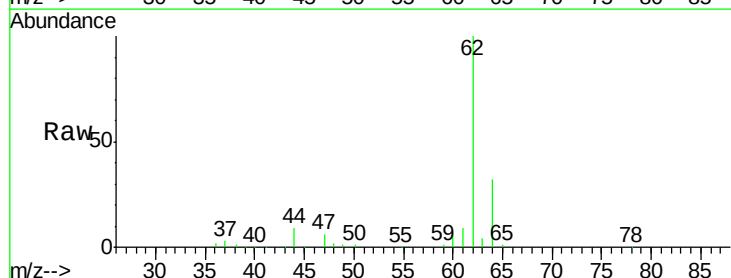
Acq: 21 Feb 2018 16:31

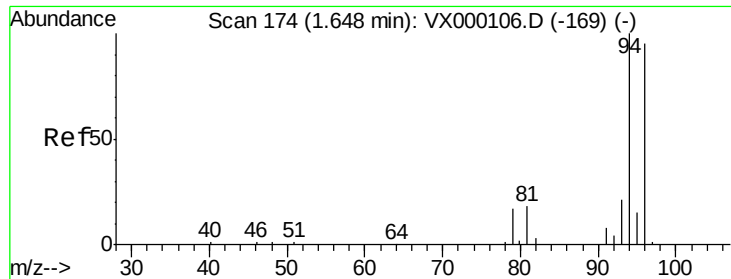
Tgt Ion: 62 Resp: 21144

Ion Ratio Lower Upper

62 100

64 32.1 26.0 39.0





#5

Bromomethane

Concen: 16.51 ug/l

RT: 1.64 min Scan# 173

Delta R.T. -0.01 min

Lab File: VX000120.D

Acq: 21 Feb 2018 16:31

Instrument :

ClientSampleId :

VSTDCCC020

Tot Ion: 94 Resp: 16002

Ion Ratio Lower Upper

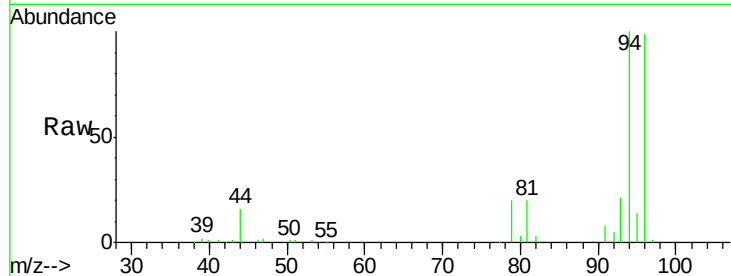
94 100

96 99.0 76.2 114.2

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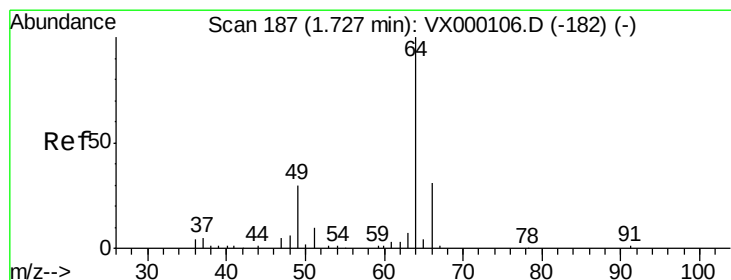
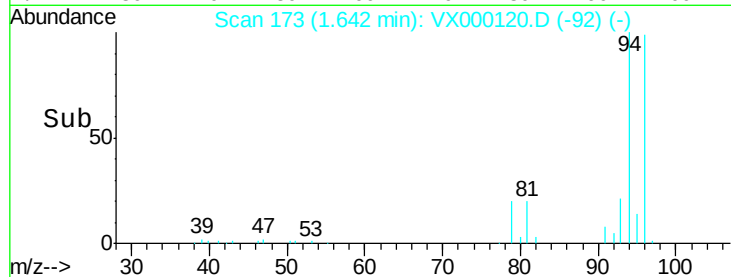
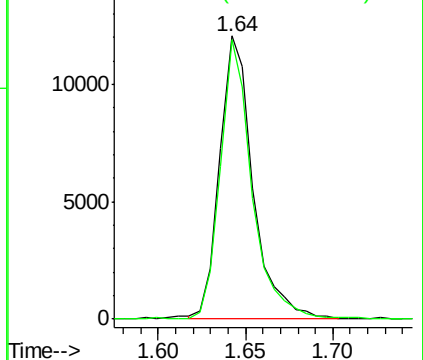
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 19.84 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000120.D

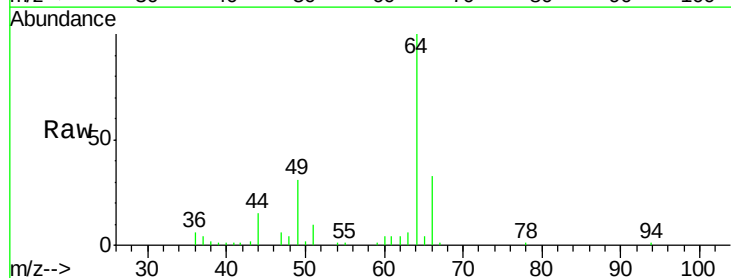
Acq: 21 Feb 2018 16:31

Tgt Ion: 64 Resp: 13356

Ion Ratio Lower Upper

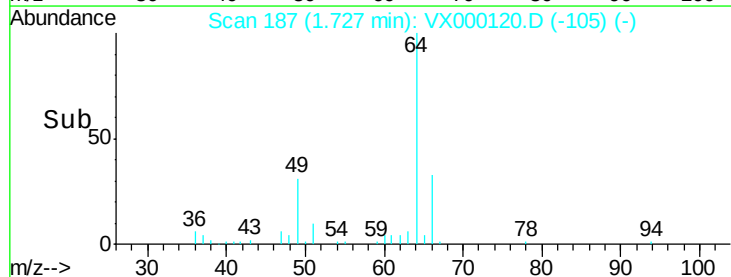
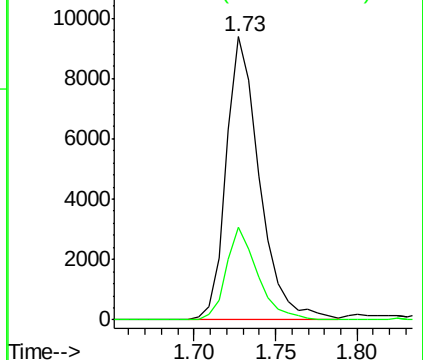
64 100

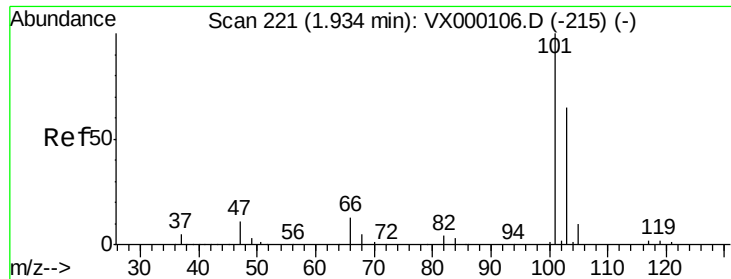
66 32.7 25.2 37.8



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

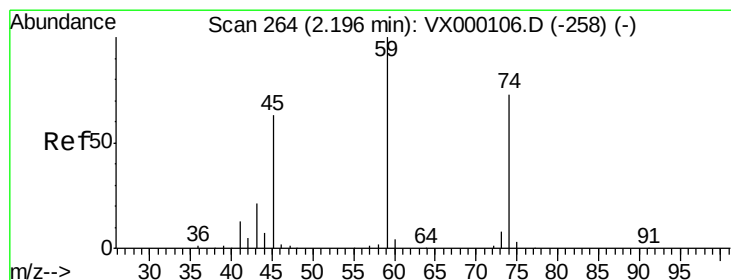
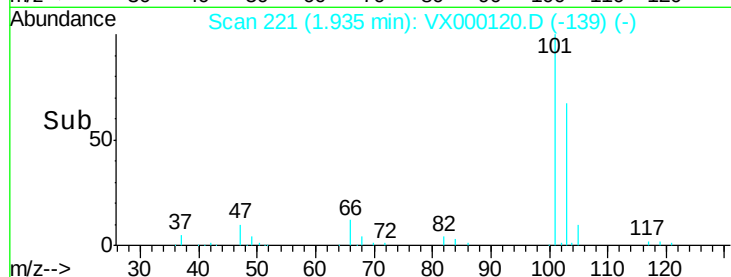
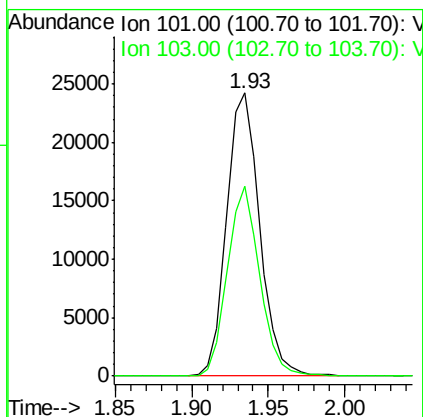
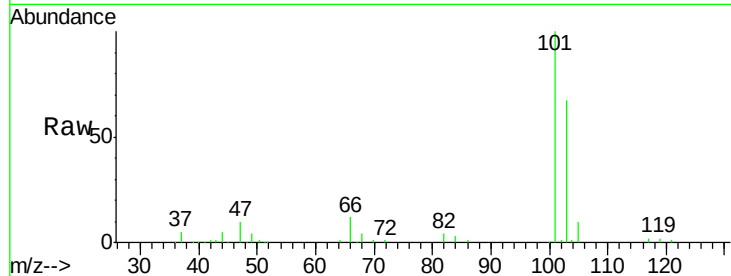
Trichlorofluoromethane
Concen: 19.93 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX000120.D
Acq: 21 Feb 2018 16:31

Instrument :
Client Sampled :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.2	52.2	78.4

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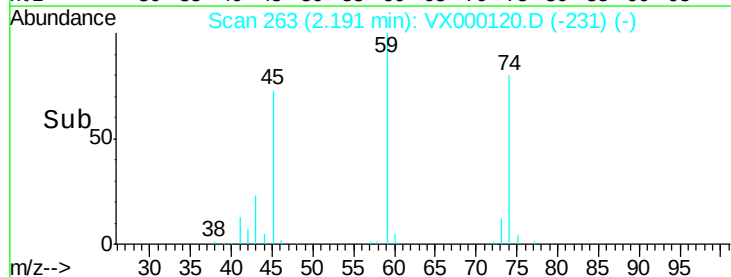
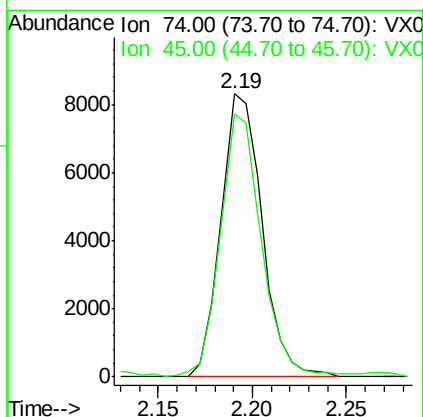
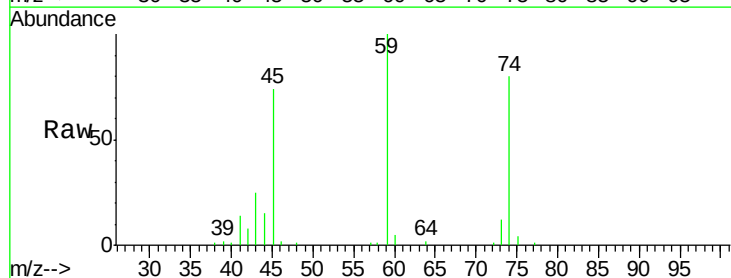
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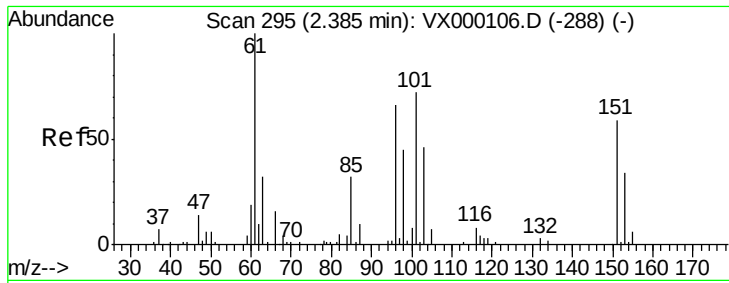


#8

Diethyl Ether
Concen: 19.82 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX000120.D
Acq: 21 Feb 2018 16:31

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.7	17.8	159.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.79 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX000120.D

Acq: 21 Feb 2018 16:31

Instrument :

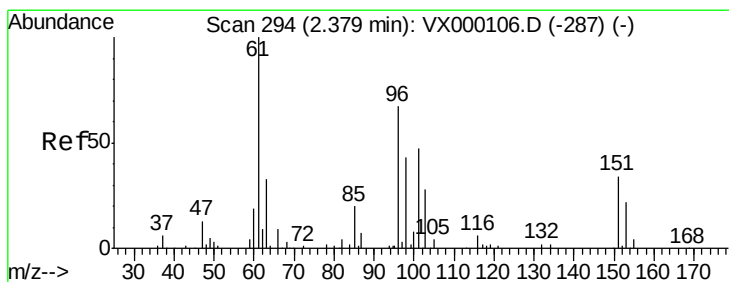
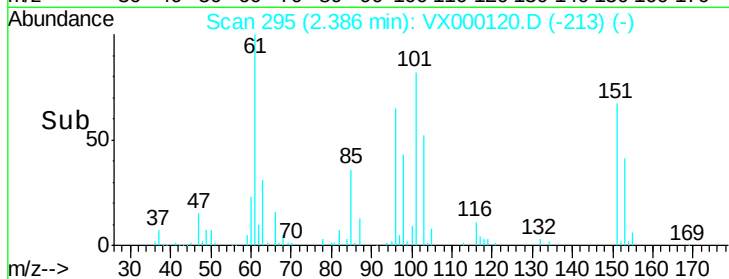
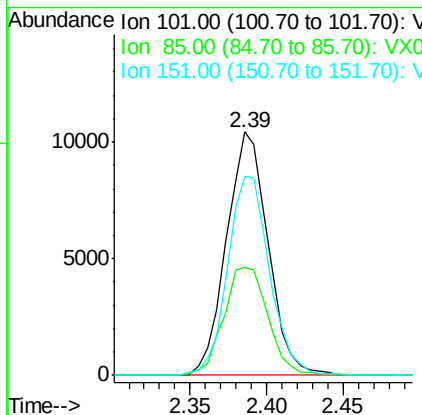
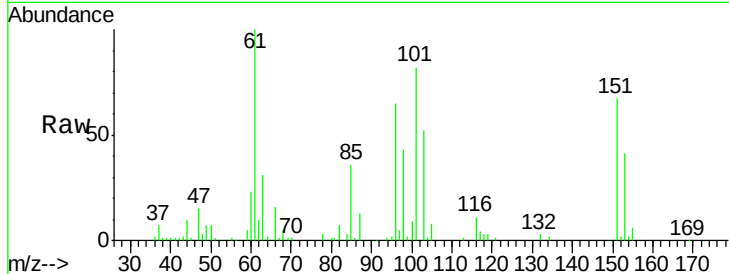
ClientSampled :

VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
101	100	19674		
85	47.2	0.0	90.4	
151	82.1	0.0	167.6	

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 19.62 ug/l

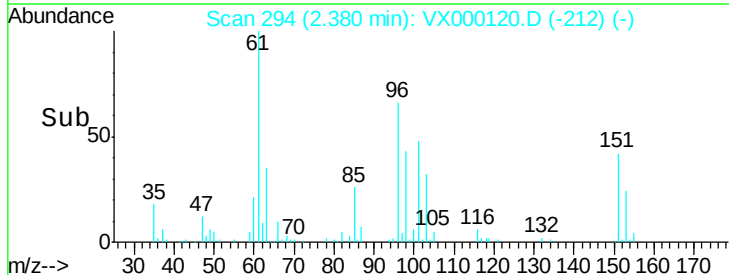
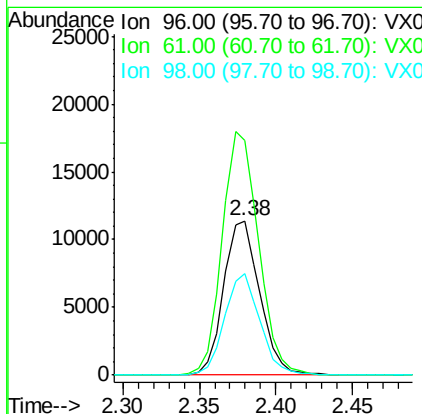
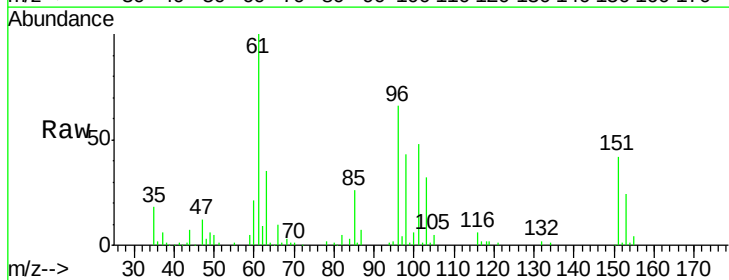
RT: 2.38 min Scan# 294

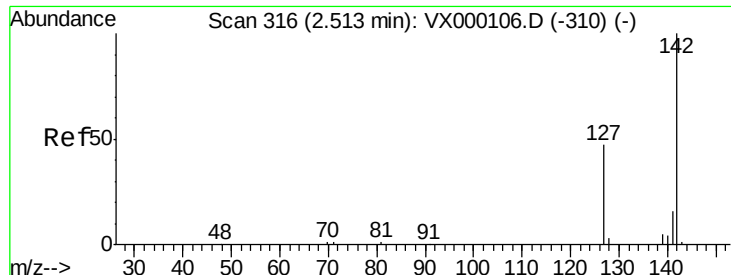
Delta R.T. 0.00 min

Lab File: VX000120.D

Acq: 21 Feb 2018 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	18633		
61	151.2	118.6	178.0	
98	65.4	51.0	76.6	





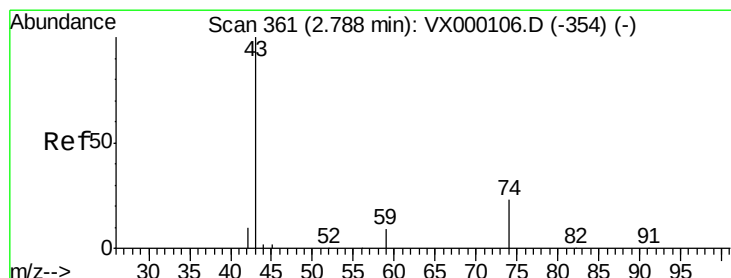
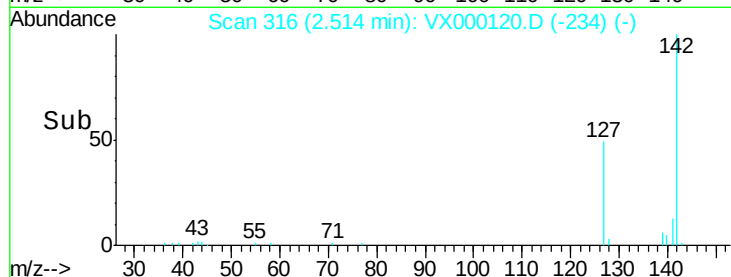
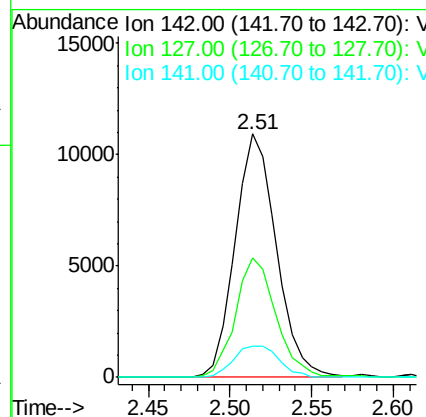
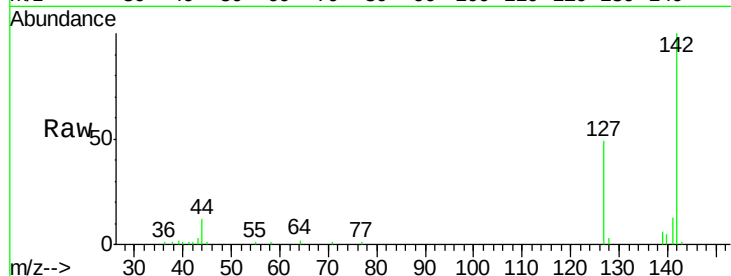
#11
Methvl Iodide
Concen: 20.93 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX000120.D
Acq: 21 Feb 2018 16:31

Instrument :
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
142	100		
127	48.8	23.8	71.5
141	12.6	8.2	24.4

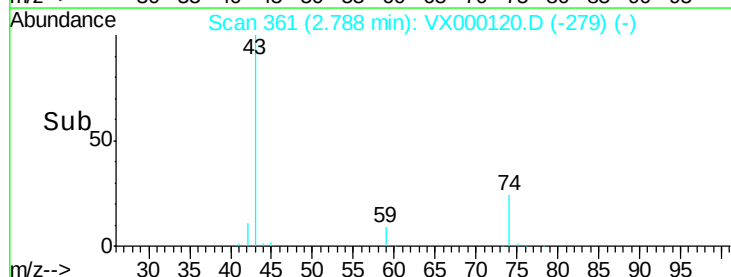
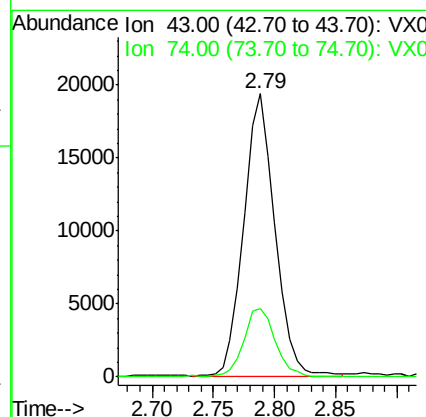
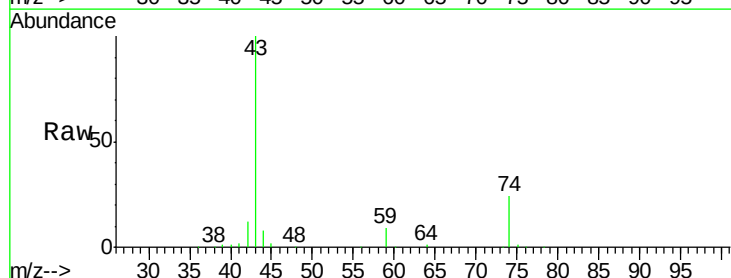
Manual Integrations
APPROVED

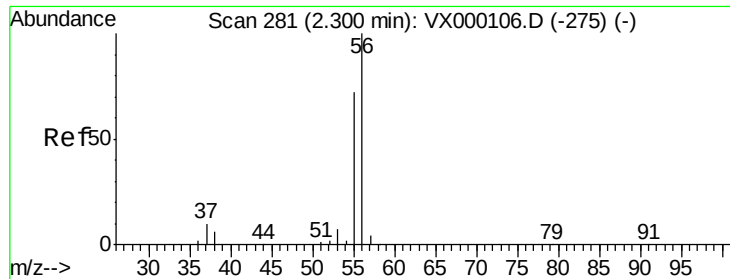
sam
2/23/2018 5:52:30 PM



#12
Methyl Acetate
Concen: 20.10 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.00 min
Lab File: VX000120.D
Acq: 21 Feb 2018 16:31

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	18.6	27.8





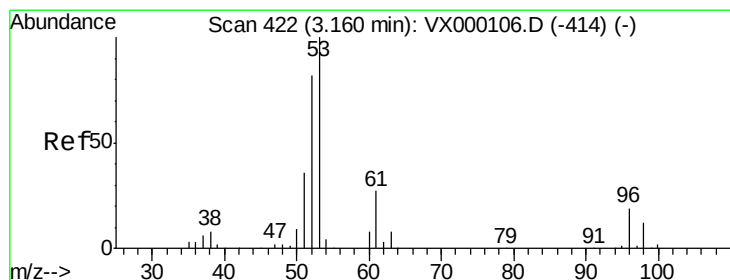
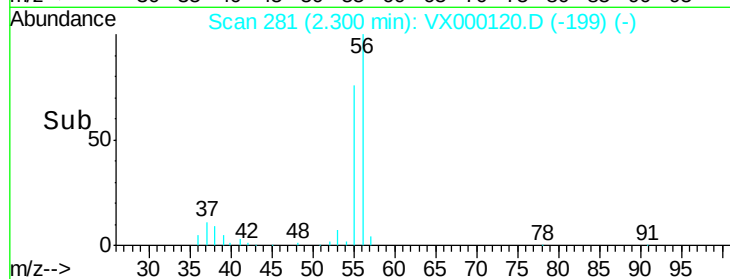
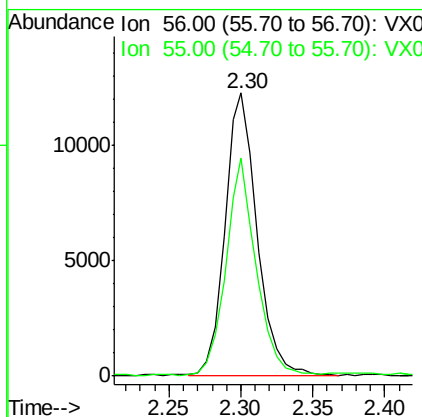
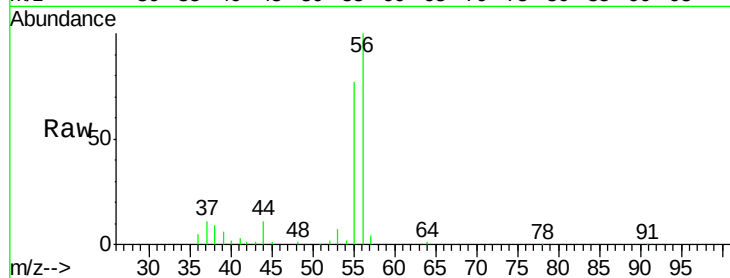
#13
Acrolein
Concen: 94.05 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX000120.D
Acq: 21 Feb 2018 16:31

Instrument :
ClientSampled :
VSTDCCC020

Tot Ion: 56 Resp: 19203
Ion Ratio Lower Upper
56 100
55 72.8 57.3 85.9

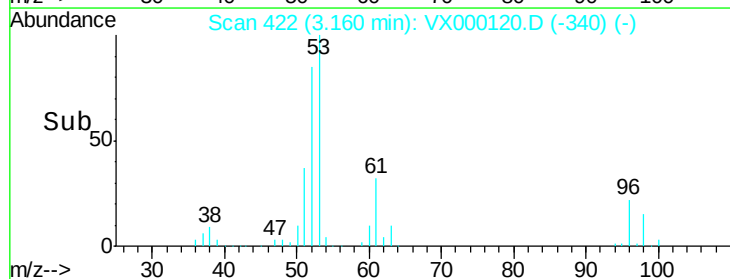
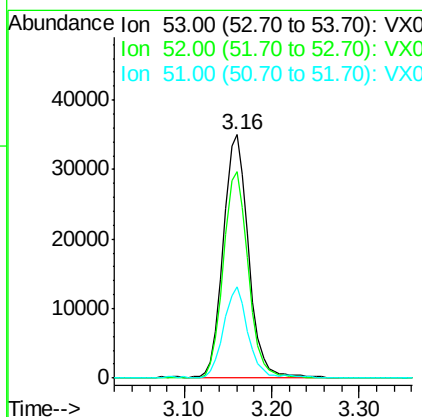
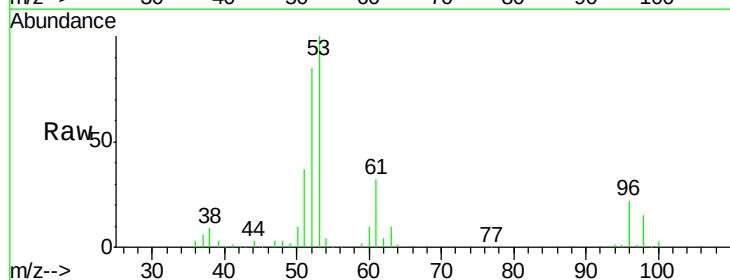
Manual Integrations
APPROVED

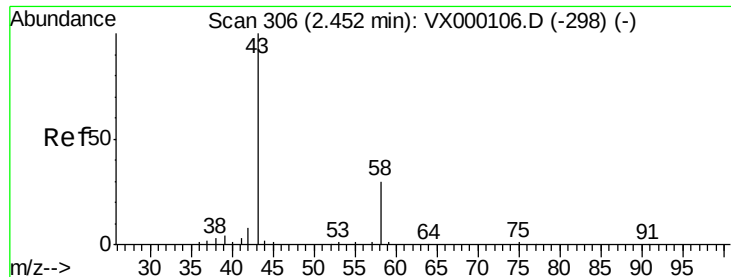
sam
2/23/2018 5:52:30 PM



#14
Acrylonitrile
Concen: 95.79 ug/l
RT: 3.16 min Scan# 422
Delta R.T. 0.00 min
Lab File: VX000120.D
Acq: 21 Feb 2018 16:31

Tgt Ion: 53 Resp: 70424
Ion Ratio Lower Upper
53 100
52 83.5 41.9 125.8
51 35.8 18.8 56.3





#15

Acetone

Concen: 93.70 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000120.D

Acq: 21 Feb 2018 16:31

Instrument :

ClientSampled :

VSTDCCC020

Tot Ion: 58 Resp: 22460

Ion Ratio Lower Upper

58 100

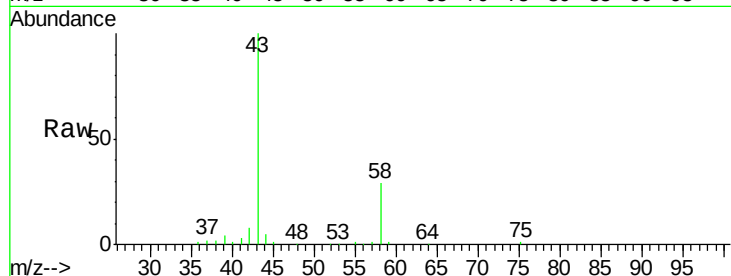
43 339.8 264.6 396.8

Manual Integrations

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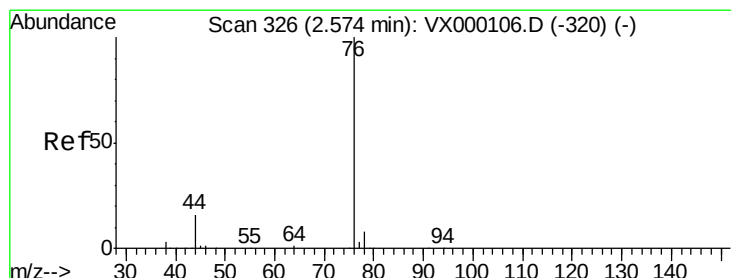
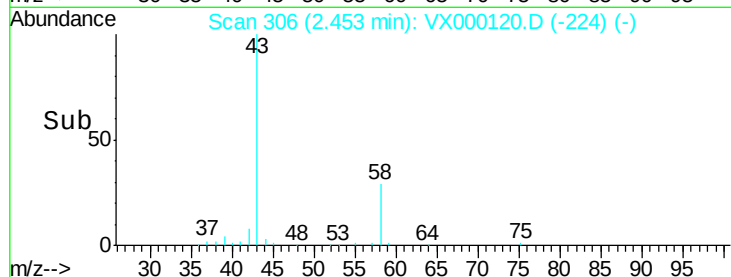
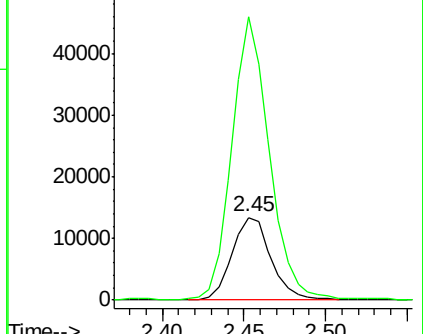
sam

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Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 18.26 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000120.D

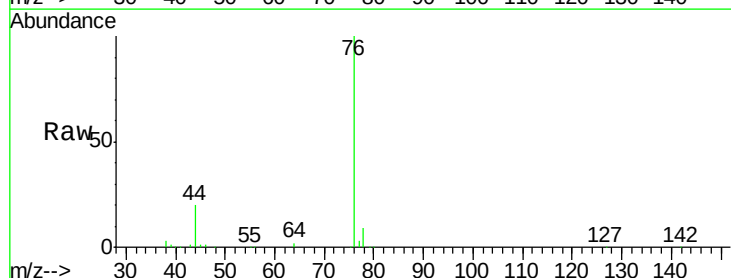
Acq: 21 Feb 2018 16:31

Tgt Ion: 76 Resp: 49584

Ion Ratio Lower Upper

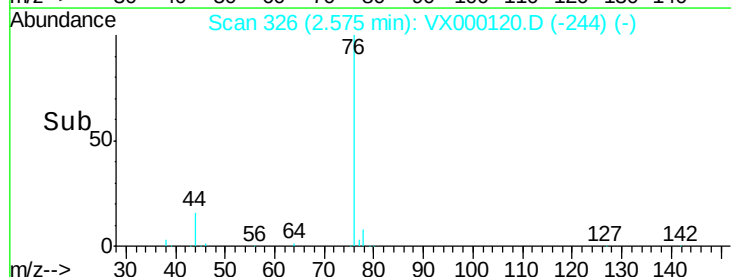
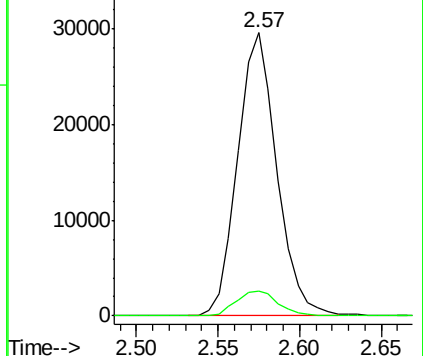
76 100

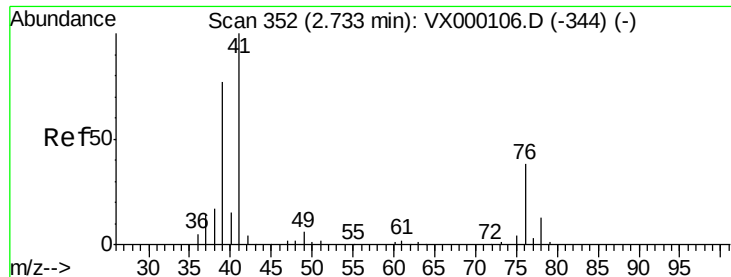
78 8.6 6.8 10.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#17

Allvl chloride

Concen: 19.42 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000120.D

Acq: 21 Feb 2018 16:31

Instrument :

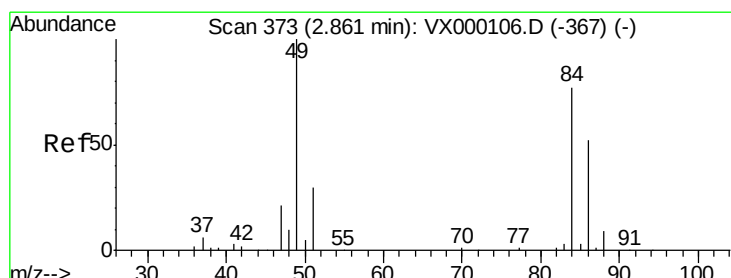
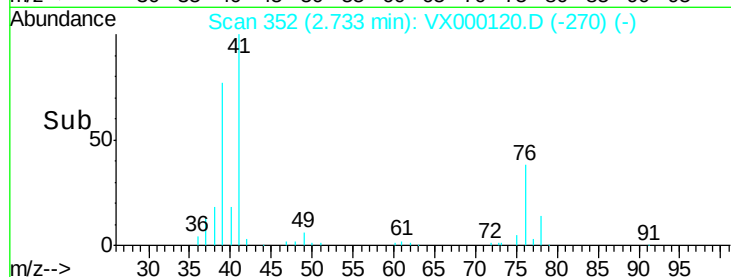
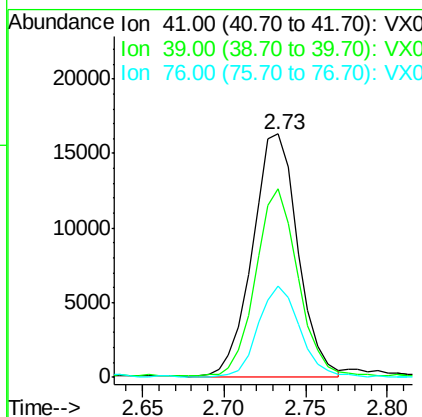
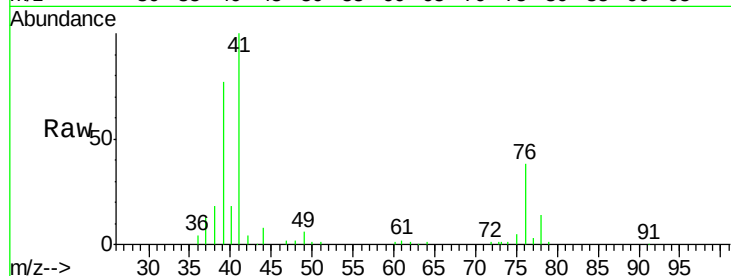
ClientSampled :

VSTDCCC020

Tot Ion:	41	Resp:	31438
Ion	Ratio	Lower	Upper
41	100		
39	77.1	38.5	115.5
76	37.7	18.7	56.1

Manual Integrations
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sam
2/23/2018 5:52:30 PM



#18

Methylene Chloride

Concen: 19.50 ug/l

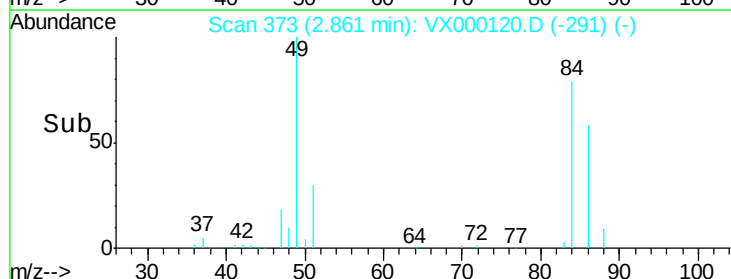
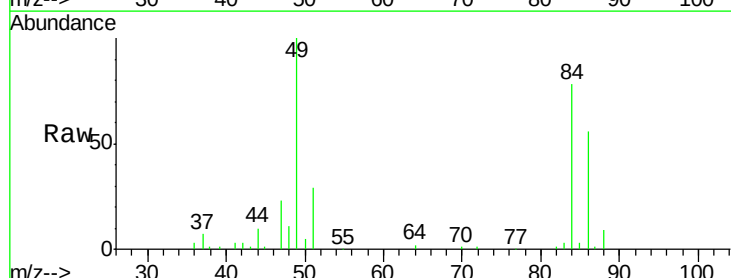
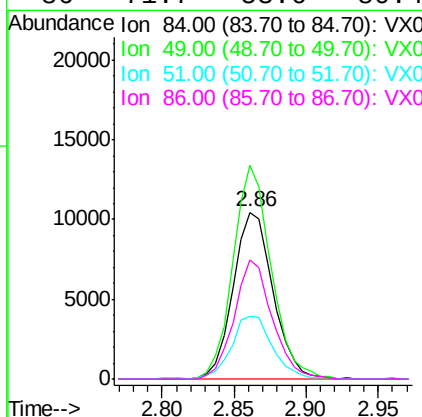
RT: 2.86 min Scan# 373

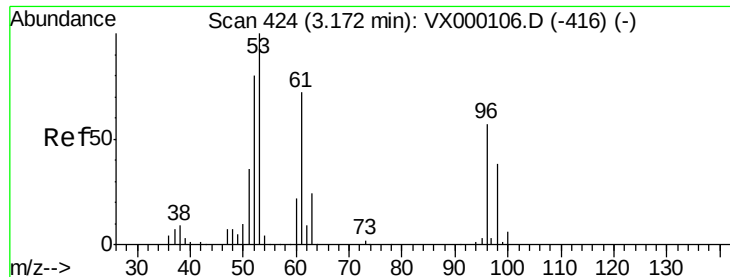
Delta R.T. 0.00 min

Lab File: VX000120.D

Acq: 21 Feb 2018 16:31

Tgt Ion:	84	Resp:	20180
Ion	Ratio	Lower	Upper
84	100		
49	127.9	103.3	154.9
51	37.5	31.2	46.8
86	71.7	53.6	80.4





#19

trans-1,2-Dichloroethene

Concen: 19.79 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000120.D

Acq: 21 Feb 2018 16:31

Instrument :

ClientSampleId :

VSTDCCC020

Tot Ion: 96 Resp: 20444

Ion Ratio Lower Upper

96 100

61 124.6 101.0 151.6

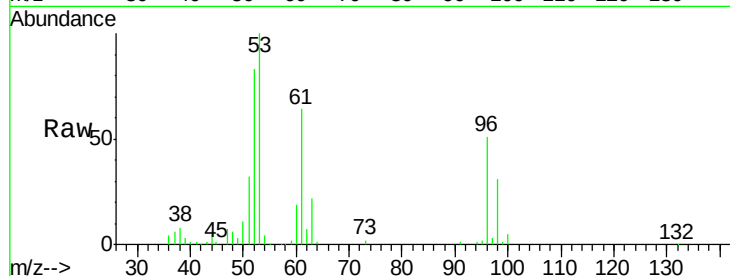
98 61.8 53.3 79.9

Manual Integrations

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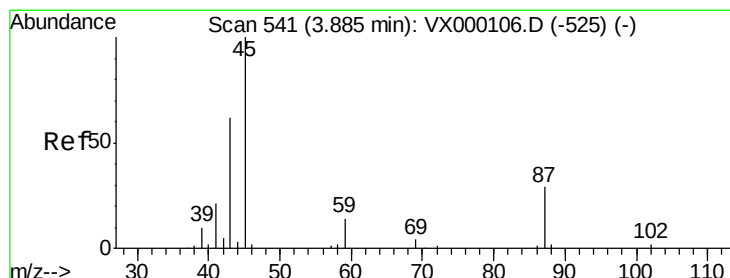
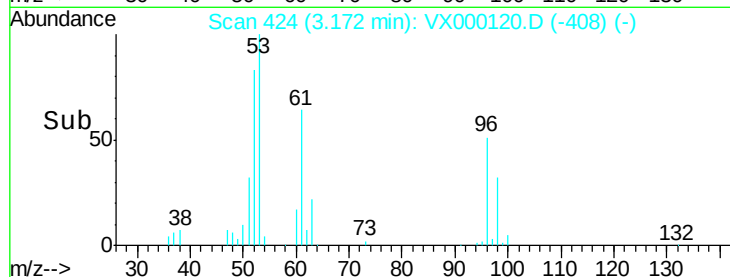
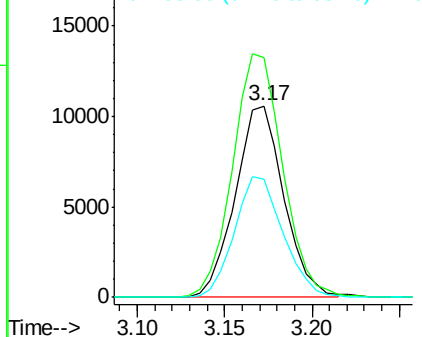
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Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 20.59 ug/l

RT: 3.89 min Scan# 541

Delta R.T. 0.00 min

Lab File: VX000120.D

Acq: 21 Feb 2018 16:31

Tgt Ion: 45 Resp: 52636

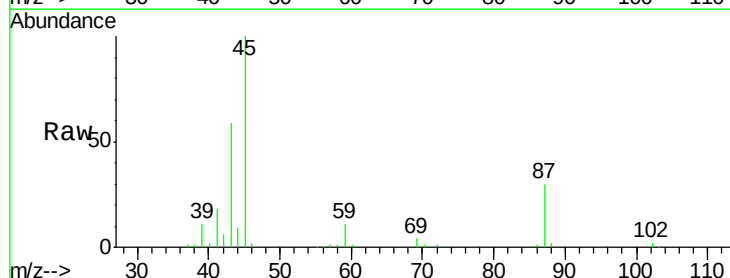
Ion Ratio Lower Upper

45 100

43 56.6 49.6 74.4

87 30.6 23.1 34.7

59 11.0 10.8 16.2

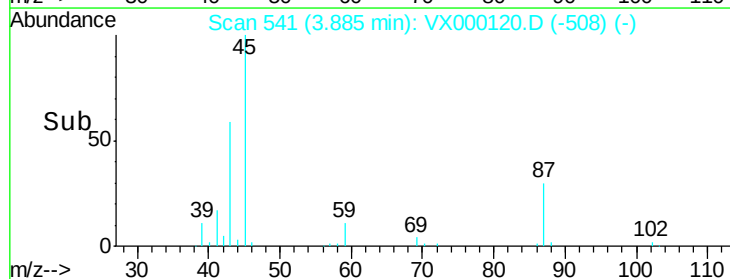
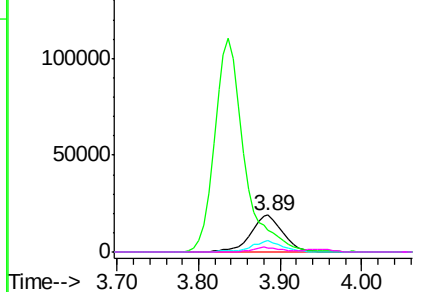


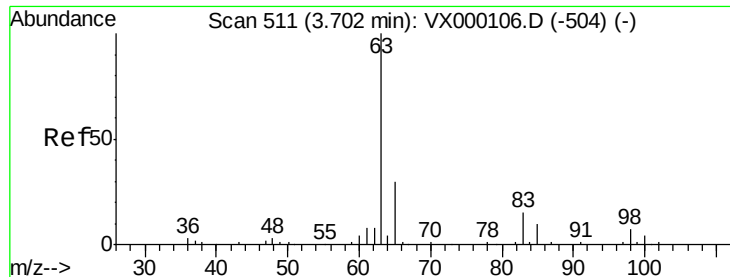
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#21

1,1-Dichloroethane

Concen: 21.20 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000120.D

Acq: 21 Feb 2018 16:31

Instrument :

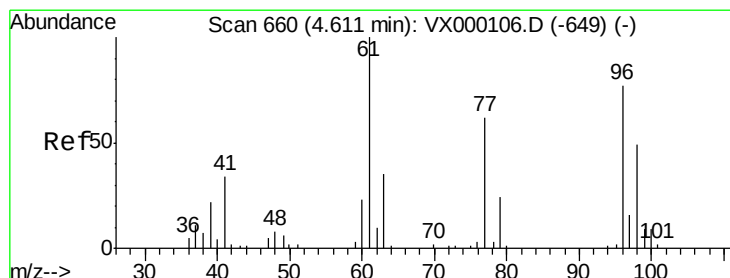
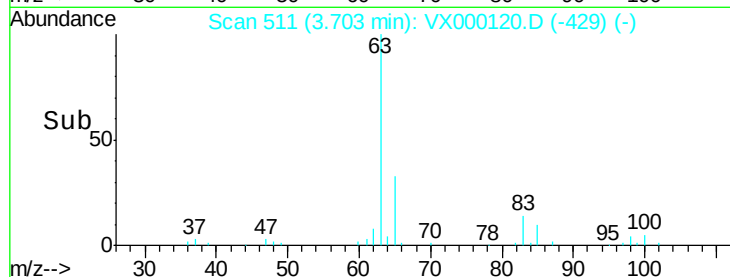
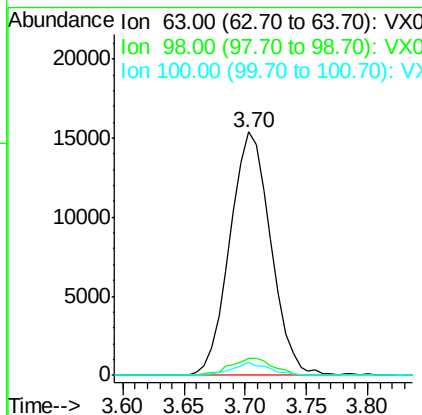
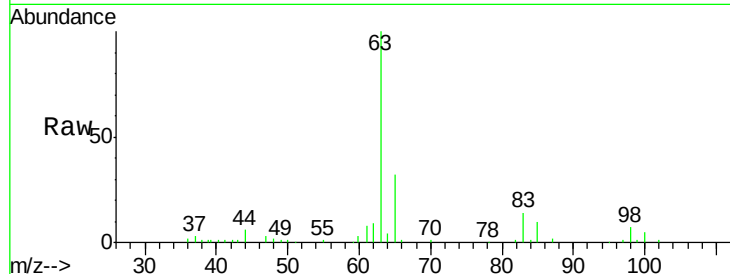
ClientSampled :

VSTDCCC020

Tot Ion:	63	Resp:	35715
Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.3	9.9
100	5.3	2.1	6.5

Manual Integrations
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sam
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#22

cis-1,2-Dichloroethene

Concen: 18.92 ug/l

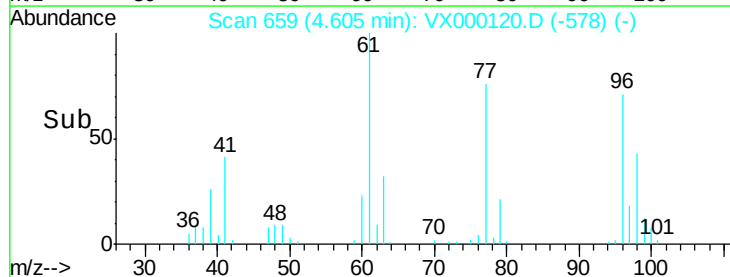
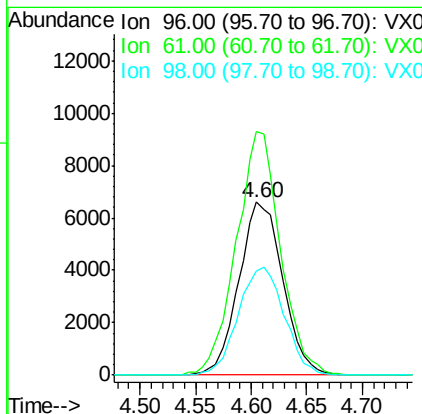
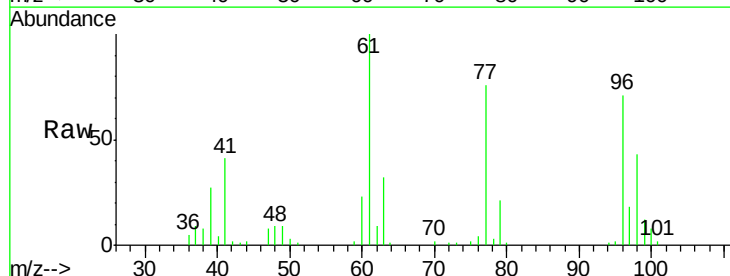
RT: 4.60 min Scan# 659

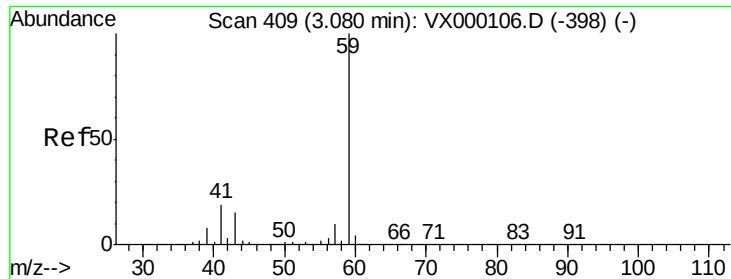
Delta R.T. -0.01 min

Lab File: VX000120.D

Acq: 21 Feb 2018 16:31

Tgt Ion:	96	Resp:	18161
Ion	Ratio	Lower	Upper
96	100		
61	141.5	113.5	170.3
98	65.1	51.8	77.8





#23

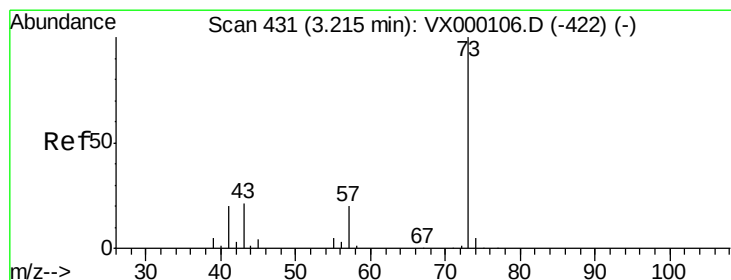
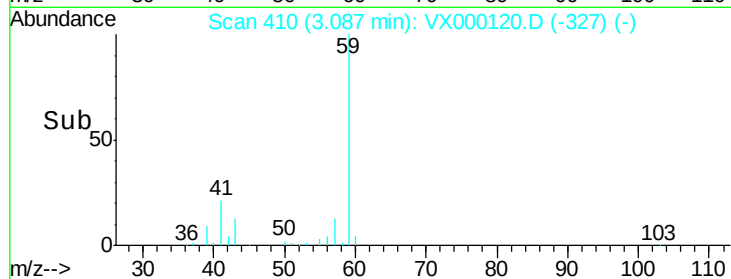
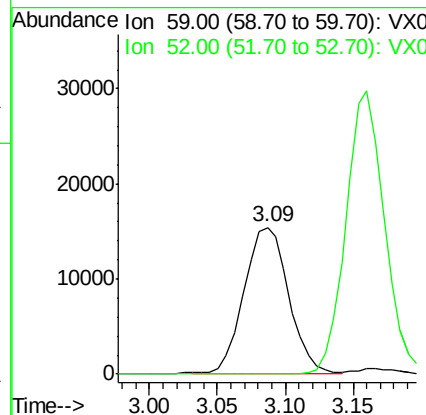
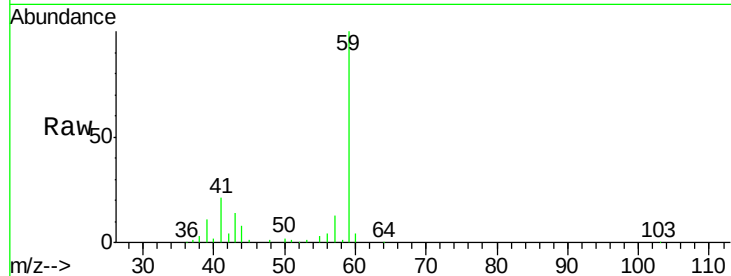
tert-Butyl Alcohol
Concen: 84.85 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX000120.D
Acq: 21 Feb 2018 16:31

Instrument :
ClientSampled :
VSTDCCC020

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

Manual Integrations
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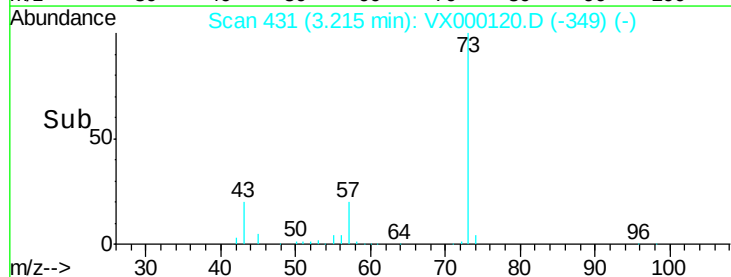
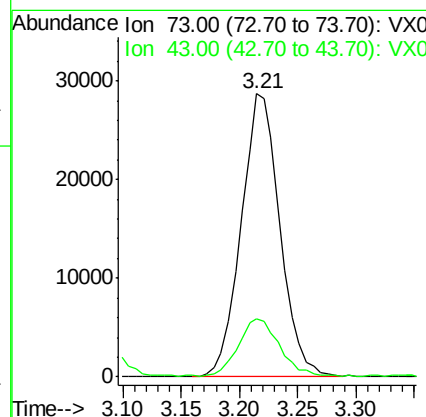
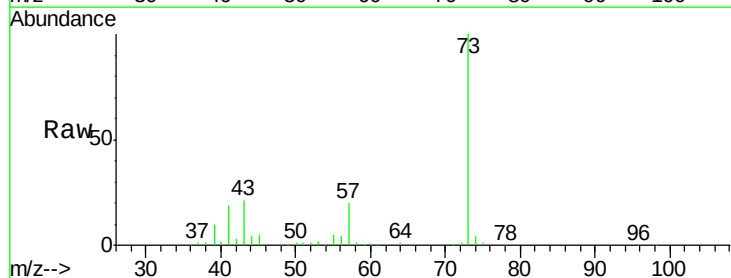
sam
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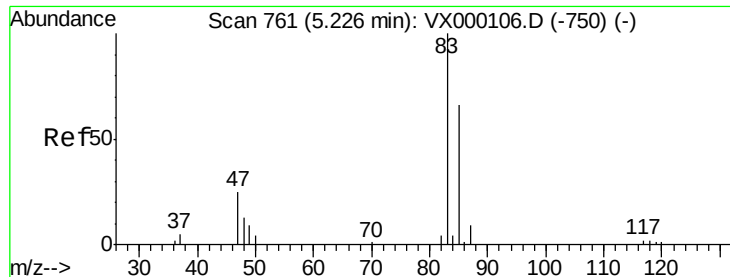


#24

Methyl tert-Butyl Ether
Concen: 20.36 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX000120.D
Acq: 21 Feb 2018 16:31

Tgt Ion	73	Ratio	Lower	Upper
73	100			
43	20.9	16.5	24.7	





#25

Chloroform

Concen: 19.13 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.00 min

Lab File: VX000120.D

Acq: 21 Feb 2018 16:31

Instrument :

Client Sampled :

VSTDCCC020

Tot Ion: 83 Resp: 31955

Ion Ratio Lower Upper

83 100

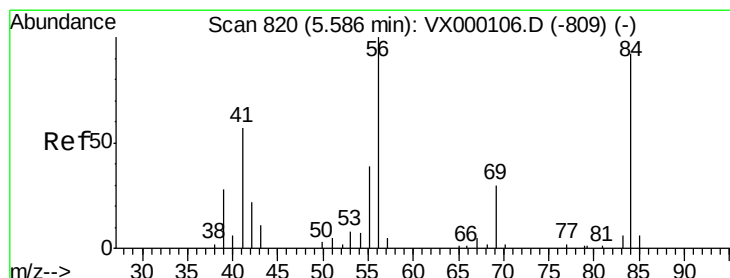
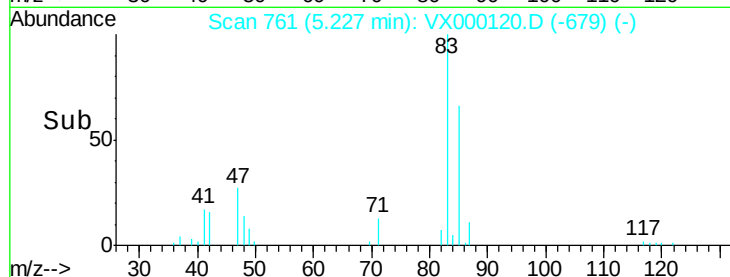
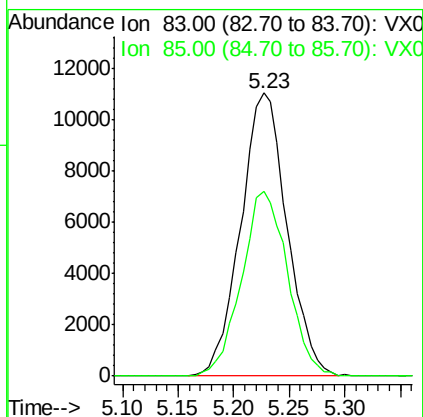
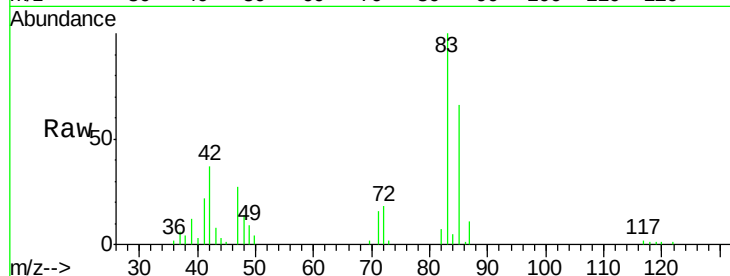
85 65.5 52.5 78.7

Manual Integrations

APPROVED

sam

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#26

Cyclohexane

Concen: 18.48 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.00 min

Lab File: VX000120.D

Acq: 21 Feb 2018 16:31

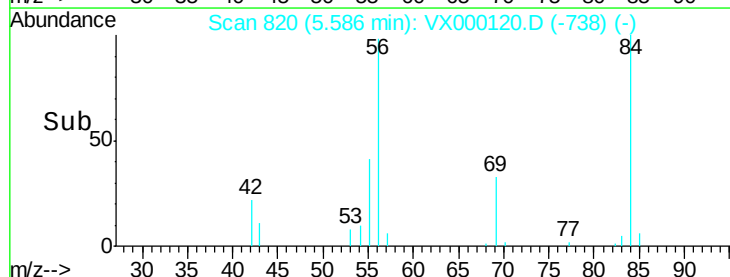
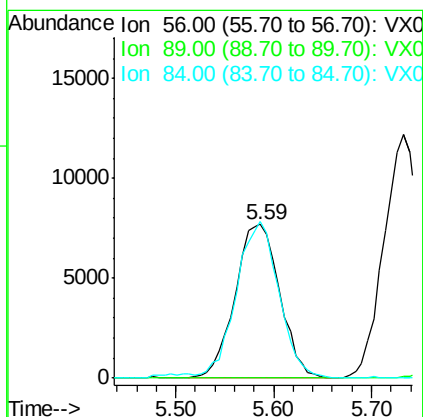
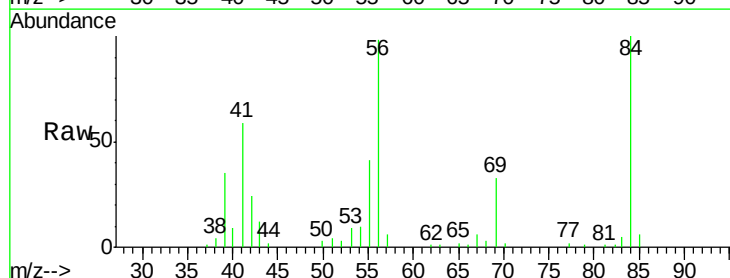
Tgt Ion: 56 Resp: 24409

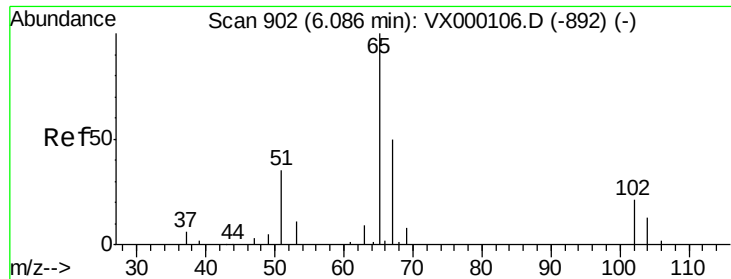
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 97.1 74.8 112.2





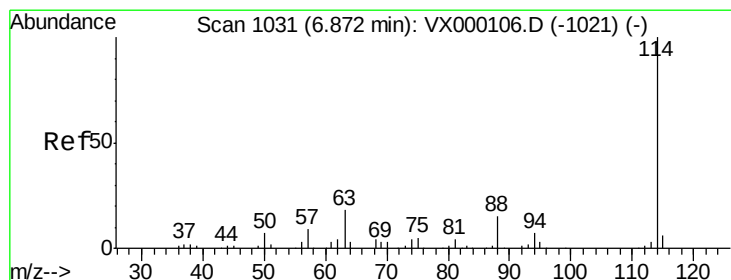
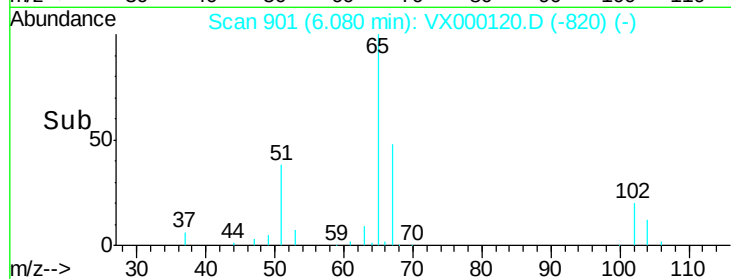
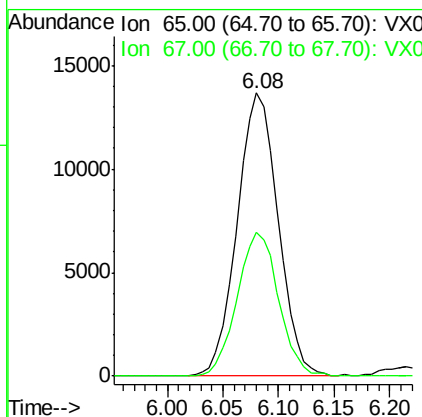
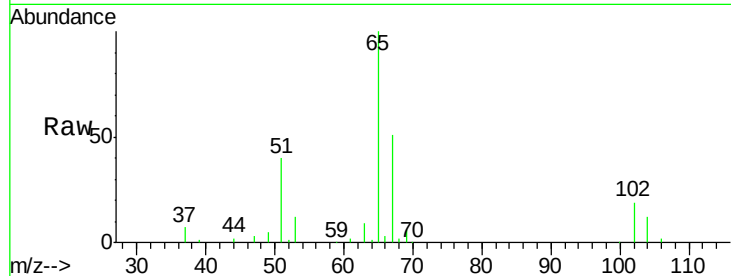
#27
 1,2-Dichloroethane-d4
 Concen: 31.91 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: VX000120.D
 Acq: 21 Feb 2018 16:31

Instrument :
 ClientSampled :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.7	41.4	62.2

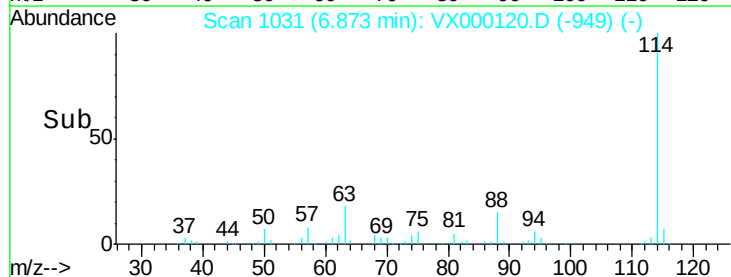
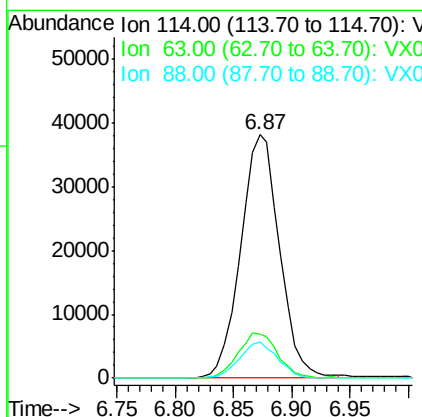
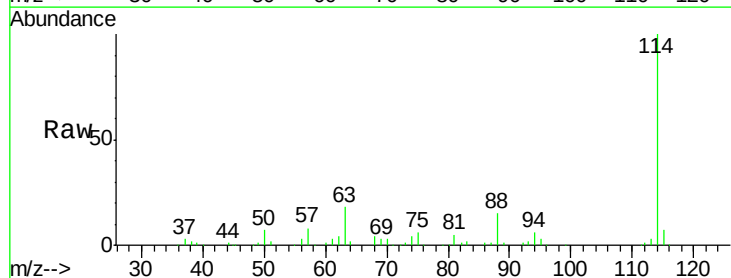
Manual Integrations
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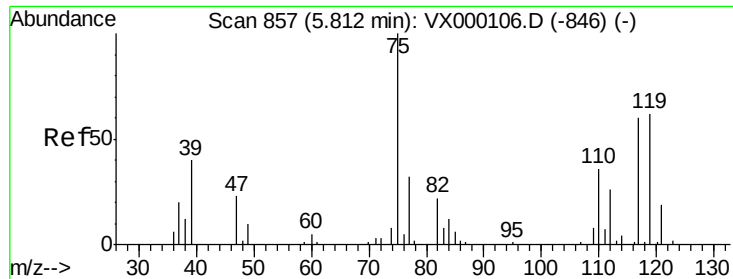
sam
 2/23/2018 5:52:30 PM



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000120.D
 Acq: 21 Feb 2018 16:31

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.0	15.0	22.4
88	14.8	11.8	17.8





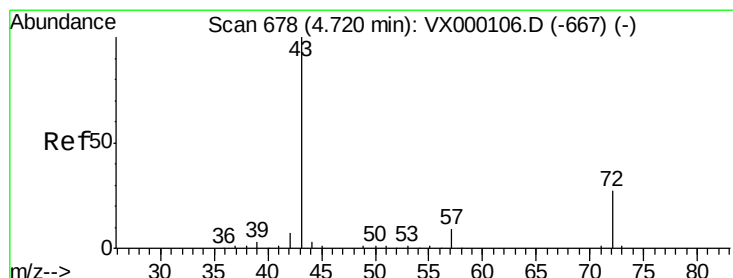
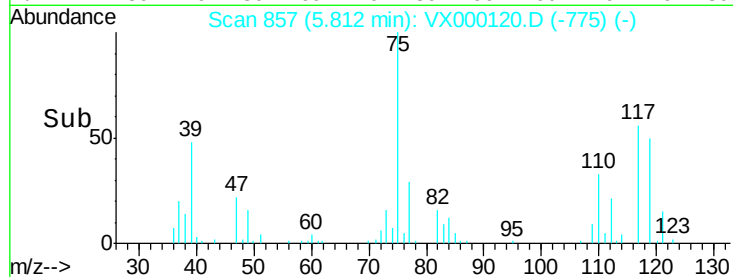
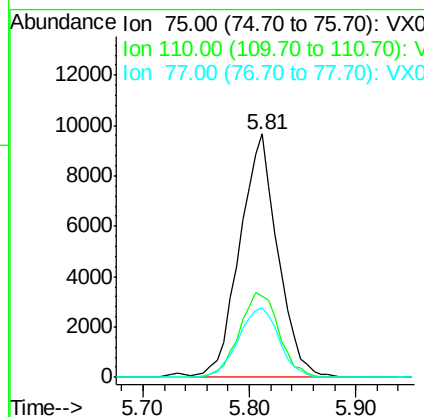
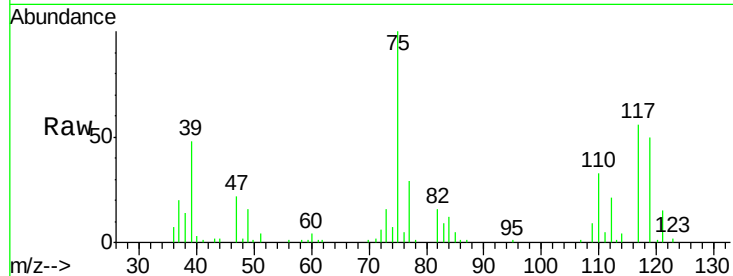
#29
 1,1-Dichloropropene
 Concen: 18.74 ug/l
 RT: 5.81 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: VX000120.D
 Acq: 21 Feb 2018 16:31

Instrument :
 ClientSampled :
 VSTDCCC020

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	36.1	0.0	75.6
77	30.6	0.0	62.6

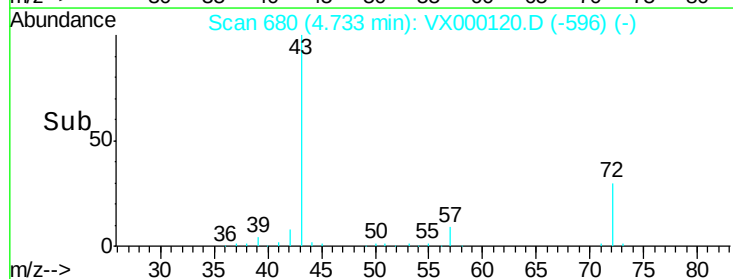
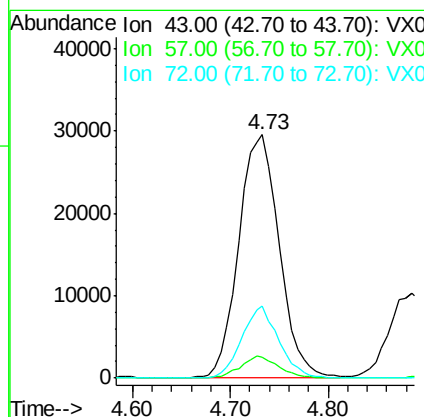
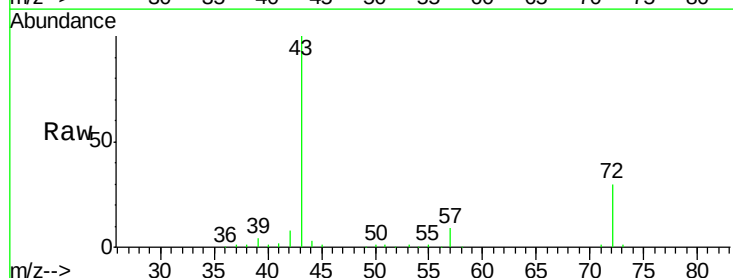
Manual Integrations
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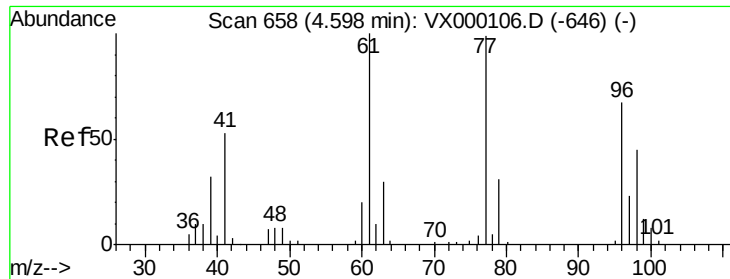
sam
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#30
 2-Butanone
 Concen: 85.82 ug/l
 RT: 4.73 min Scan# 680
 Delta R.T. 0.01 min
 Lab File: VX000120.D
 Acq: 21 Feb 2018 16:31

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	8.6	6.6	10.0
72	27.1	21.8	32.6





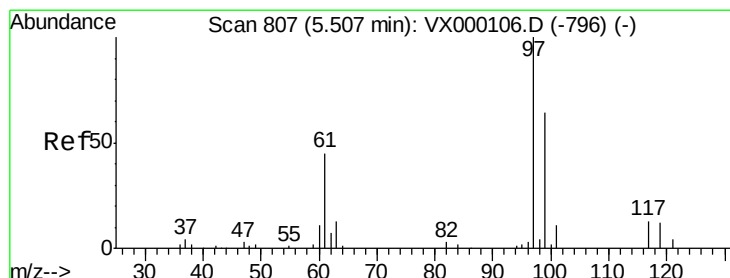
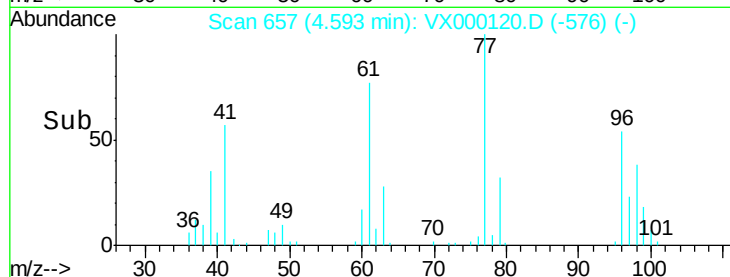
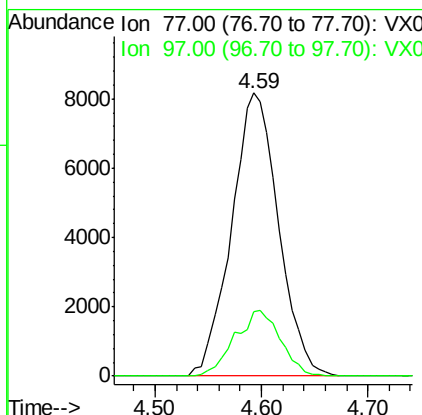
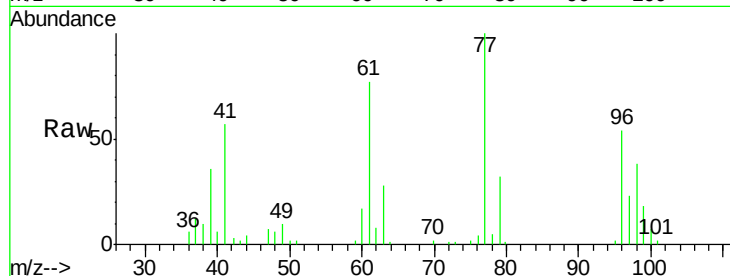
#31
 2,2-Dichloropropane
 Concen: 18.13 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VX000120.D
 Acq: 21 Feb 2018 16:31

Instrument :
 ClientSampleId :
 VSTDCCC020

Tot Ion: 77 Resp: 25213
 Ion Ratio Lower Upper
 77 100
 97 16.4 18.6 27.8#

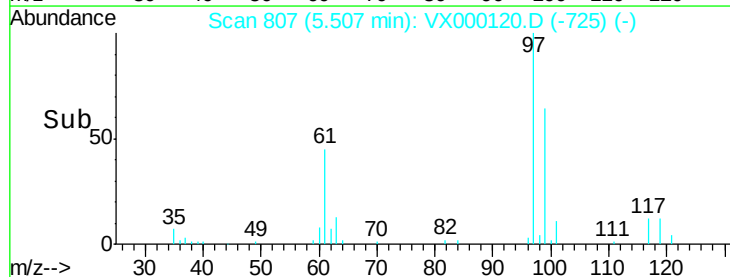
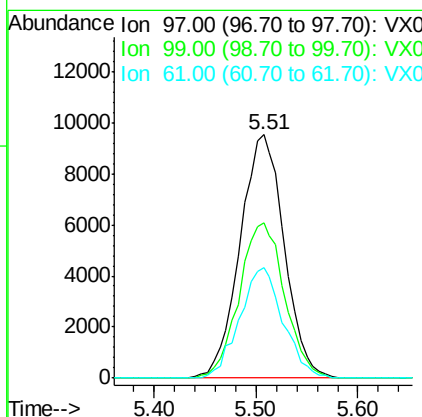
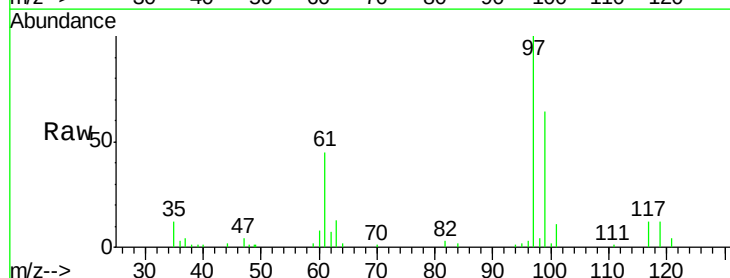
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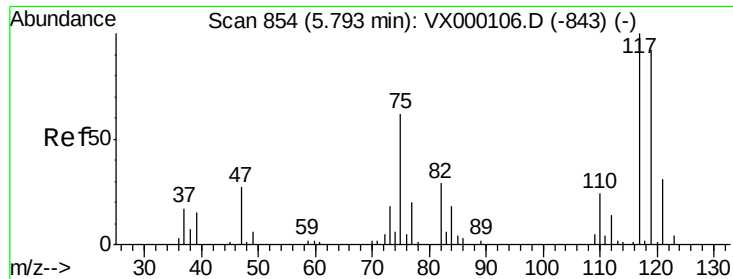
sam
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#32
 1,1,1-Trichloroethane
 Concen: 18.33 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX000120.D
 Acq: 21 Feb 2018 16:31

Tgt Ion: 97 Resp: 28683
 Ion Ratio Lower Upper
 97 100
 99 65.2 52.3 78.5
 61 44.5 34.3 51.5





#33

Carbon Tetrachloride

Concen: 18.41 ug/l

RT: 5.79 min Scan# 854

Delta R.T. 0.00 min

Lab File: VX000120.D

Acq: 21 Feb 2018 16:31

Instrument :

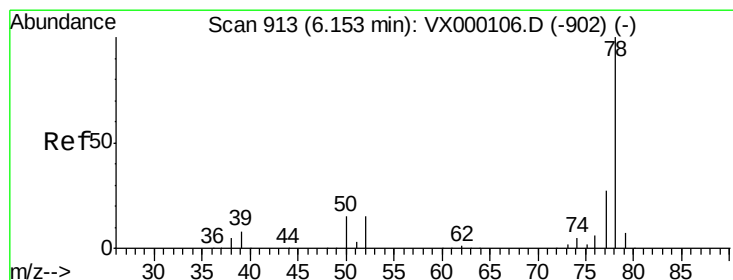
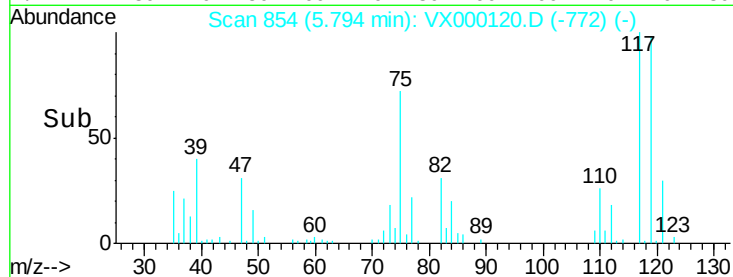
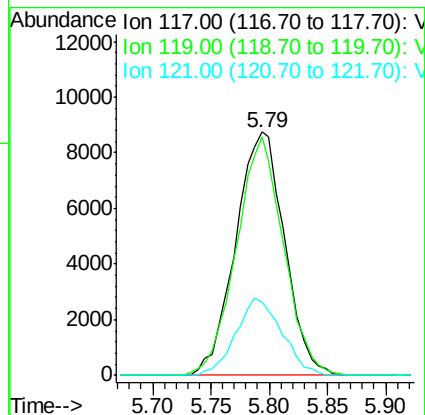
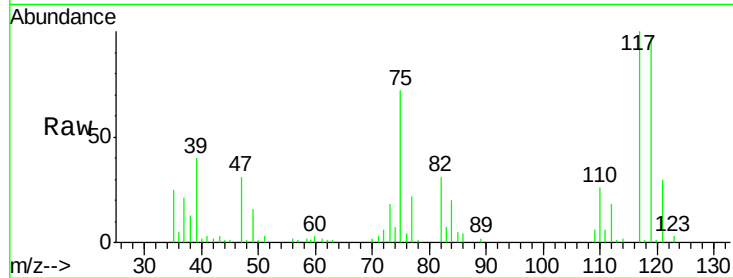
ClientSampleId :

VSTDCCC020

Tot Ion:	117	Resp:	25580
Ion	Ratio	Lower	Upper
117	100		
119	96.9	73.5	110.3
121	30.0	24.6	37.0

Manual Integrations
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#34

Benzene

Concen: 18.80 ug/l

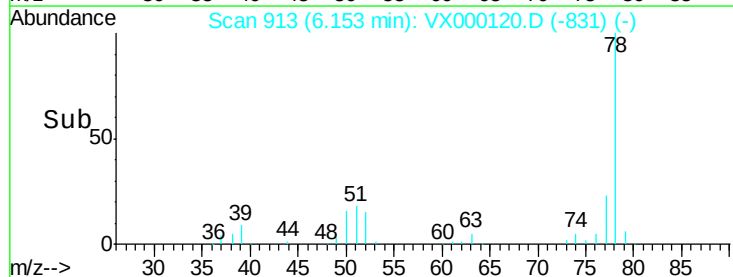
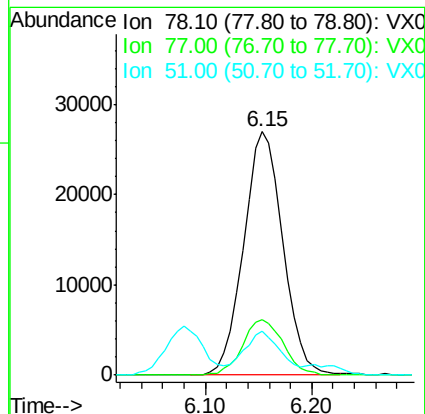
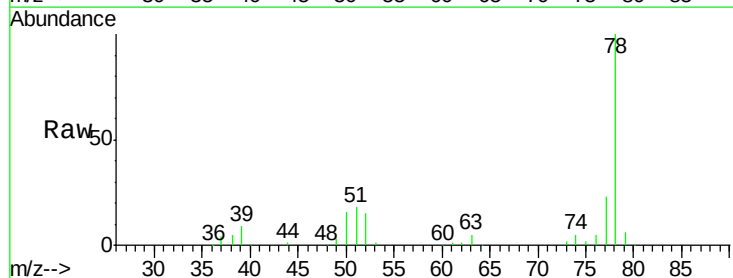
RT: 6.15 min Scan# 913

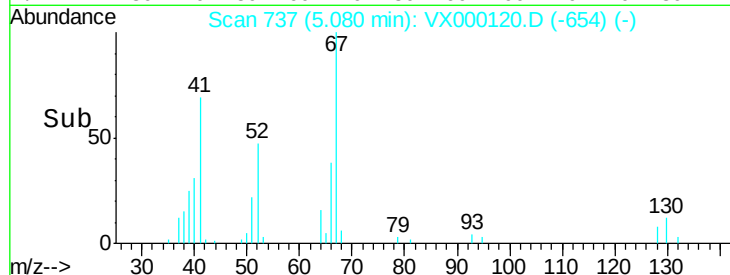
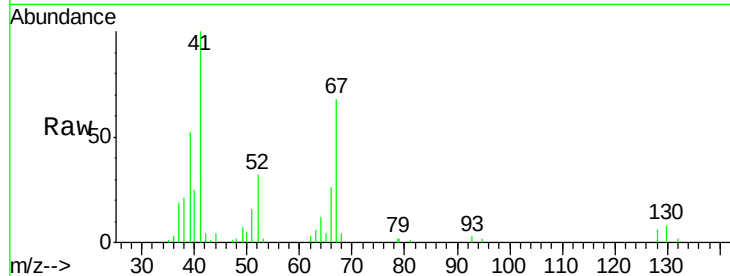
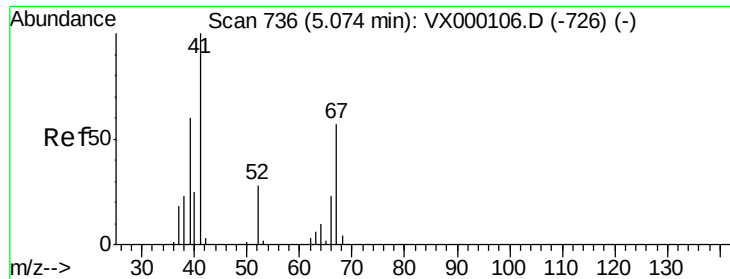
Delta R.T. 0.00 min

Lab File: VX000120.D

Acq: 21 Feb 2018 16:31

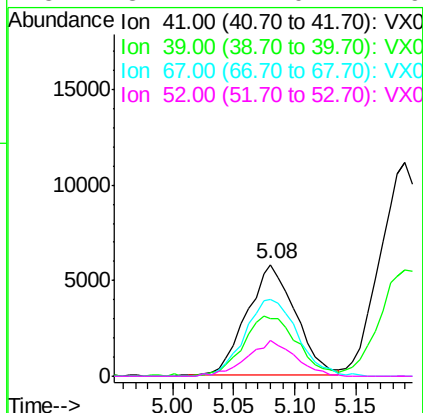
Tgt Ion:	78	Resp:	69943
Ion	Ratio	Lower	Upper
78	100		
77	22.9	21.7	32.5
51	15.6	14.9	22.3





#35
Methacrylonitrile
Concen: 17.38 ug/l
RT: 5.08 min Scan# 737
Delta R.T. 0.01 min
Lab File: VX000120.D
Acq: 21 Feb 2018 16:31

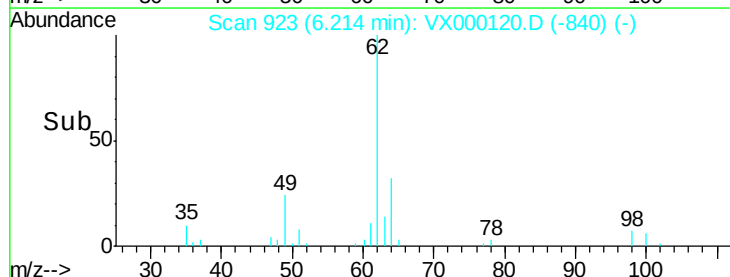
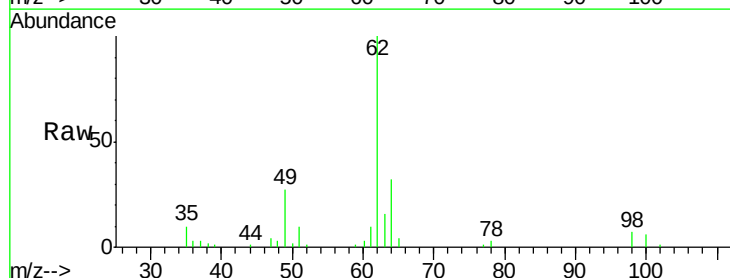
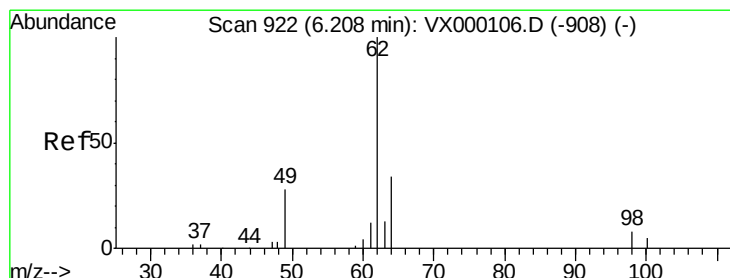
Tot Ion	Ratio	Lower	Upper
41	100		
39	52.3	29.8	89.3
67	69.2	28.7	86.3
52	32.7	14.0	41.9



Instrument :
Client Sampled :
VSTDCCC020

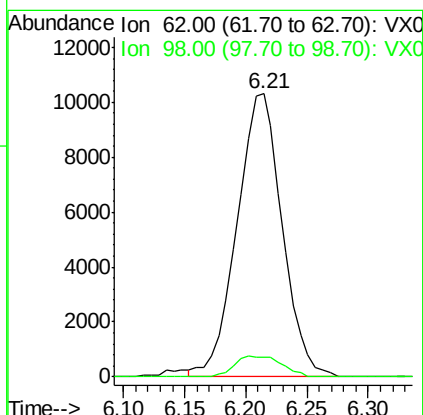
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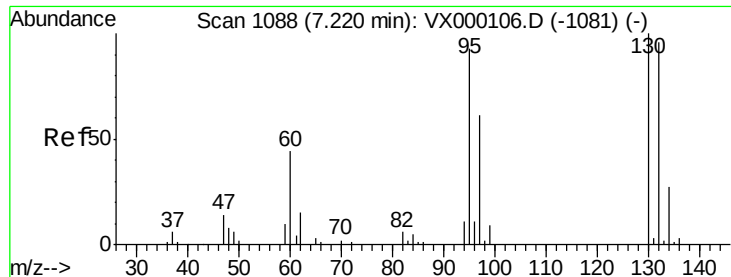
sam
2/23/2018 5:52:30 PM



#36
1,2-Dichloroethane
Concen: 18.74 ug/l
RT: 6.21 min Scan# 923
Delta R.T. 0.01 min
Lab File: VX000120.D
Acq: 21 Feb 2018 16:31

Tgt Ion	Ratio	Lower	Upper
62	100		
98	4.9	6.9	10.3#





#37

Trichloroethene

Concen: 18.10 ug/l

RT: 7.23 min Scan# 1089

Delta R.T. 0.01 min

Lab File: VX000120.D

Acq: 21 Feb 2018 16:31

Instrument :

ClientSampleId :

VSTDCCC020

Tot Ion:130 Resp: 19905

Ion Ratio Lower Upper

130 100

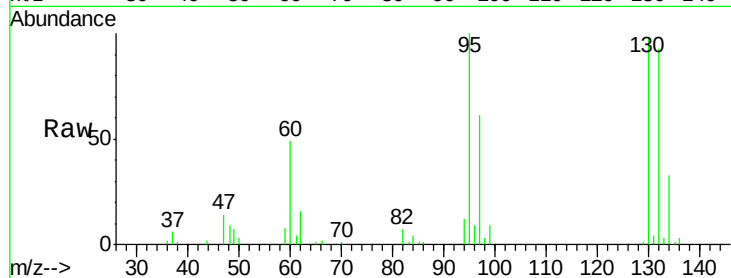
95 102.5 74.6 112.0

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

7.23

10000

8000

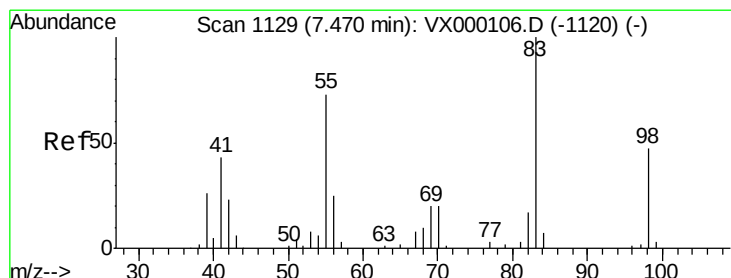
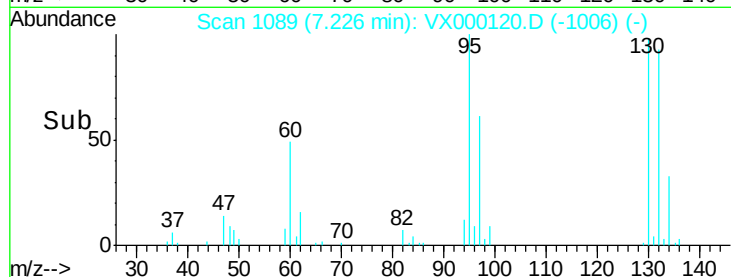
6000

4000

2000

0

Time-->



#38

Methylcyclohexane

Concen: 17.91 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. 0.00 min

Lab File: VX000120.D

Acq: 21 Feb 2018 16:31

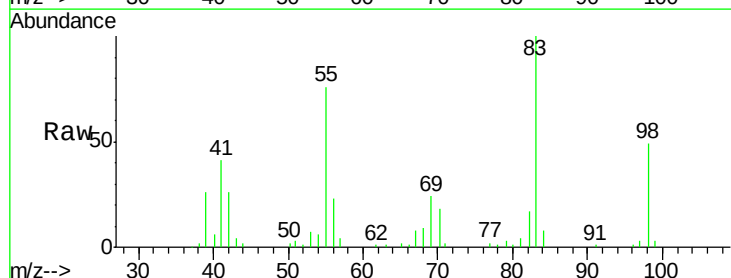
Tgt Ion: 83 Resp: 27756

Ion Ratio Lower Upper

83 100

55 74.1 35.9 107.7

98 49.2 24.6 74.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

7.47

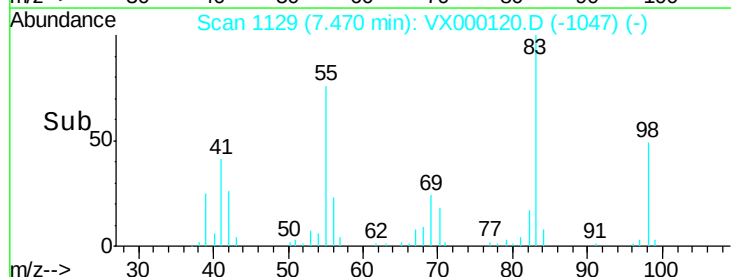
15000

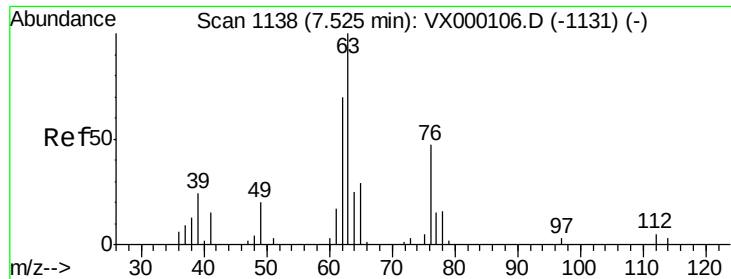
10000

5000

0

Time-->





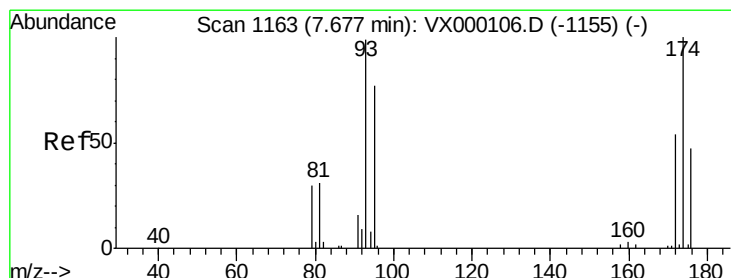
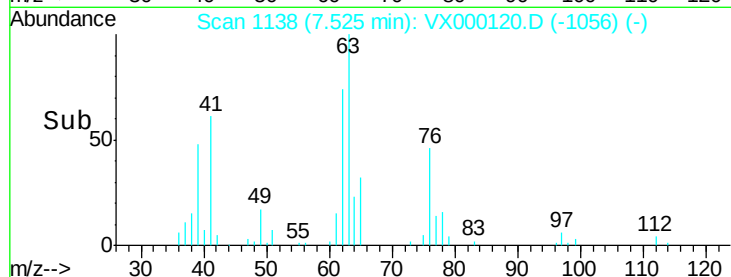
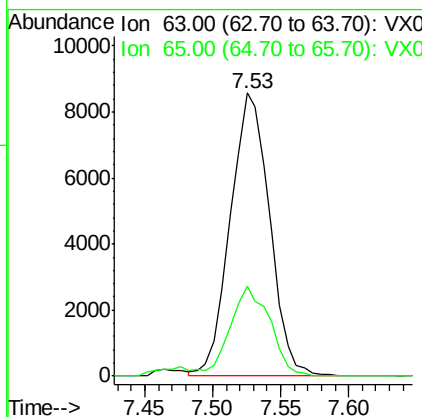
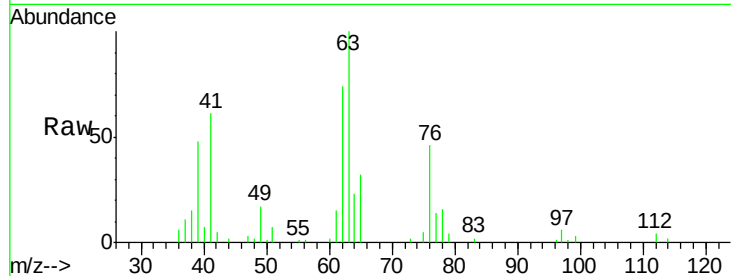
#39
 1,2-Dichloropropane
 Concen: 18.64 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX000120.D
 Acq: 21 Feb 2018 16:31

Instrument :
 ClientSampleId :
 VSTDCCC020

Tot Ion: 63 Resp: 17316
 Ion Ratio Lower Upper
 63 100
 65 31.9 25.0 37.6

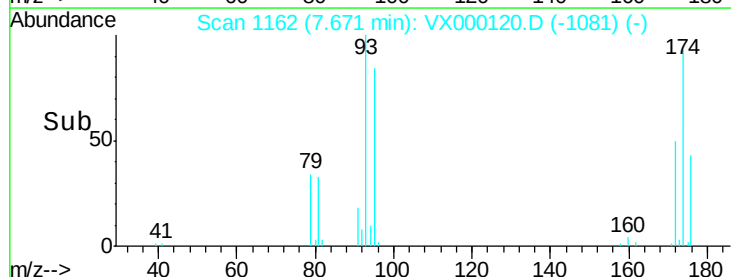
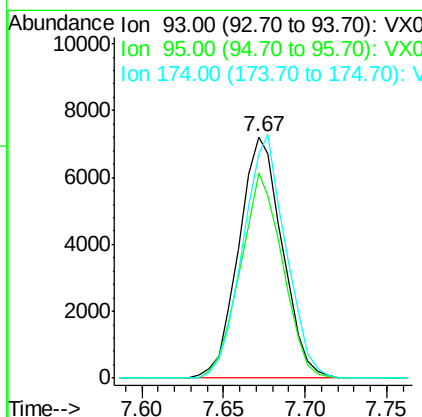
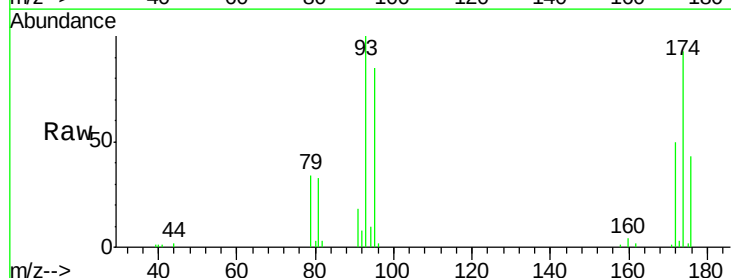
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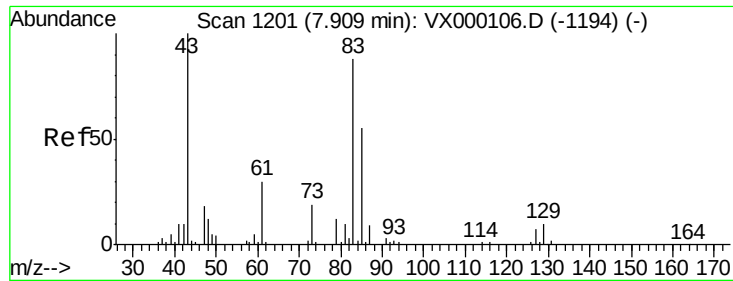
sam
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#40
 Dibromomethane
 Concen: 18.71 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: VX000120.D
 Acq: 21 Feb 2018 16:31

Tgt Ion: 93 Resp: 13393
 Ion Ratio Lower Upper
 93 100
 95 82.5 0.0 170.6
 174 99.3 0.0 210.4





#41

Bromodichloromethane

Concen: 18.01 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000120.D

Acq: 21 Feb 2018 16:31

Instrument :

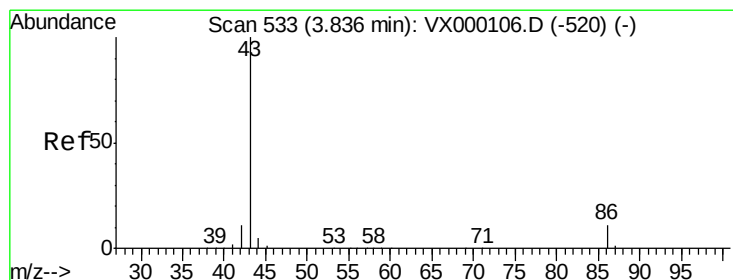
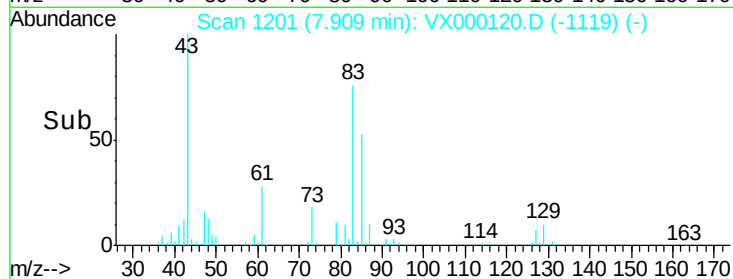
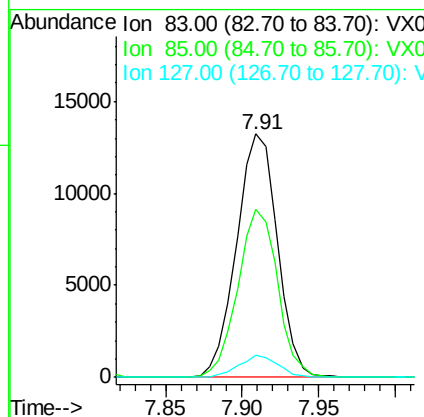
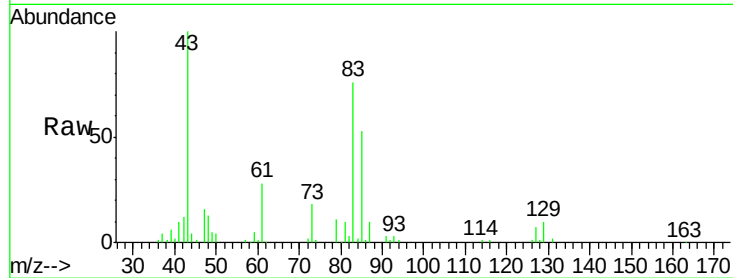
ClientSampled :

VSTDCCC020

Tot Ion	83	Resp	24507
Ion Ratio	Lower	Upper	
83	100		
85	69.0	50.0	75.0
127	9.1	6.6	10.0

Manual Integrations
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sam
2/23/2018 5:52:30 PM



#42

Vinyl Acetate

Concen: 109.59 ug/l

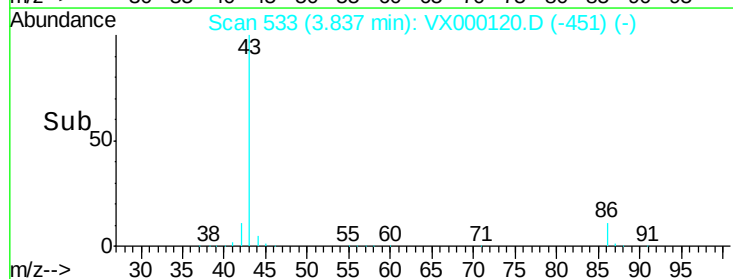
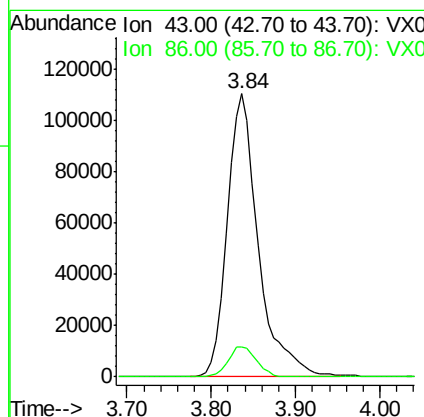
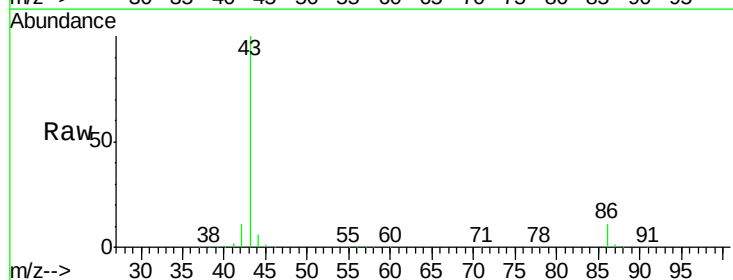
RT: 3.84 min Scan# 533

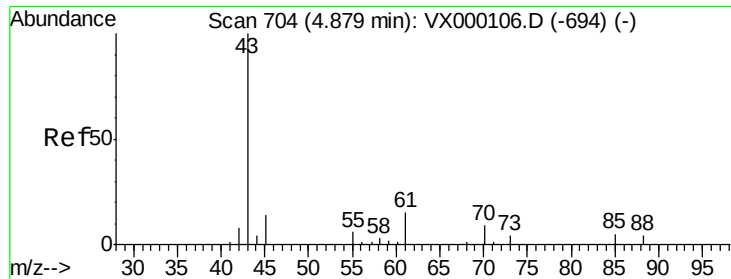
Delta R.T. 0.00 min

Lab File: VX000120.D

Acq: 21 Feb 2018 16:31

Tgt Ion	43	Resp	278035
Ion Ratio	Lower	Upper	
43	100		
86	9.9	7.8	11.6





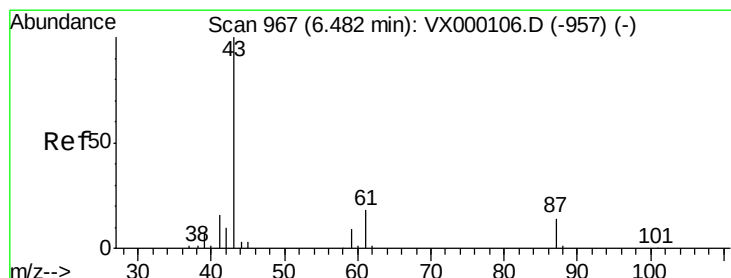
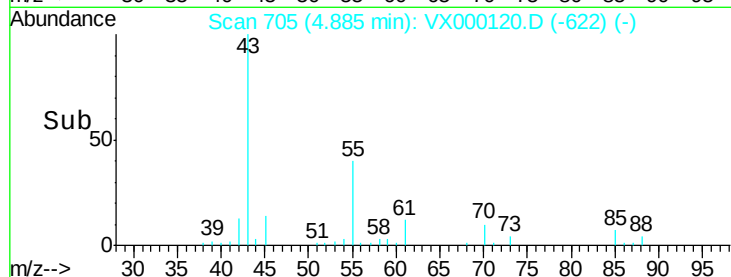
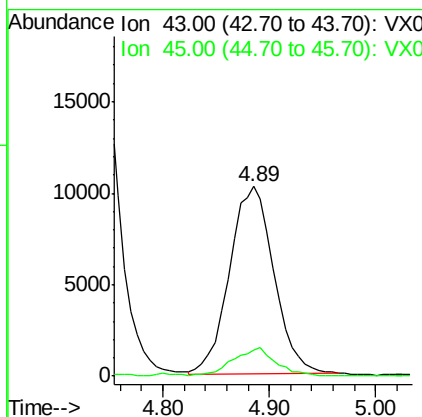
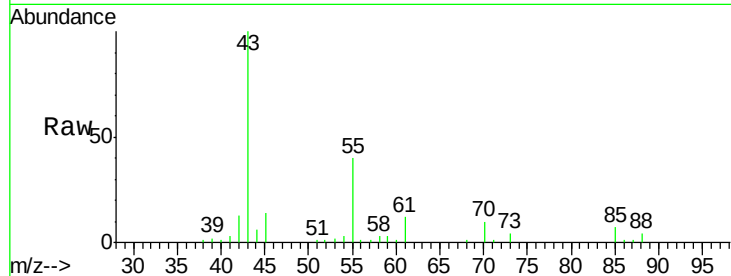
#43
Ethyl Acetate
Concen: 17.21 ug/l
RT: 4.89 min Scan# 705
Delta R.T. 0.01 min
Lab File: VX000120.D
Acq: 21 Feb 2018 16:31

Instrument :
Client Sampled :
VSTDCCC020

Tot Ion: 43 Resp: 30091
Ion Ratio Lower Upper
43 100
45 12.4 11.4 17.0

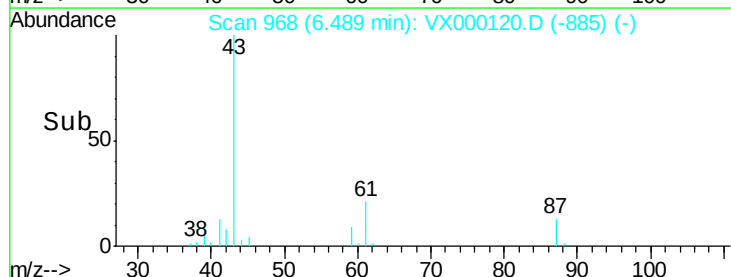
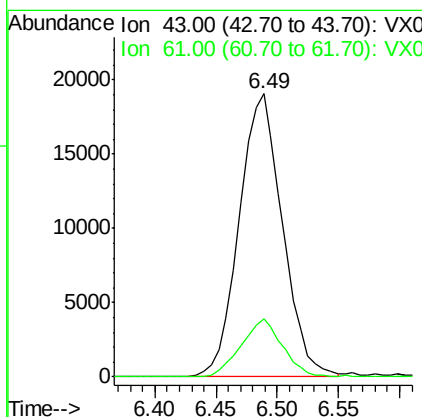
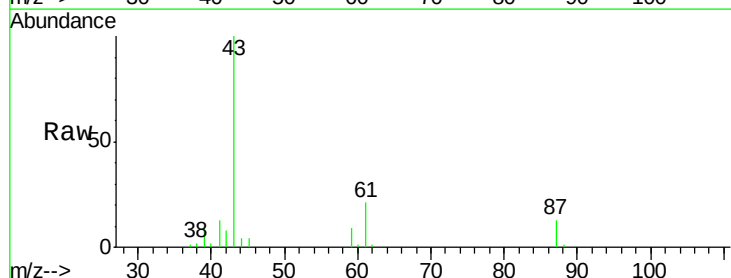
Manual Integrations
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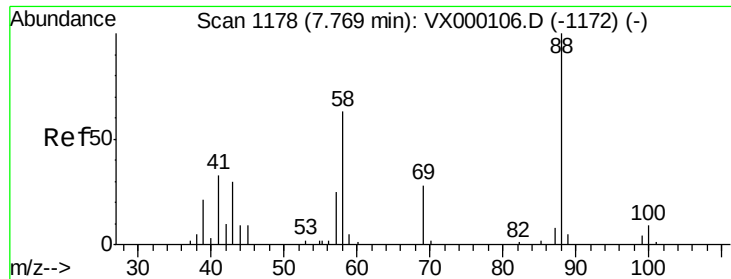
sam
2/23/2018 5:52:30 PM



#44
Isopropyl Acetate
Concen: 18.29 ug/l
RT: 6.49 min Scan# 968
Delta R.T. 0.01 min
Lab File: VX000120.D
Acq: 21 Feb 2018 16:31

Tgt Ion: 43 Resp: 46907
Ion Ratio Lower Upper
43 100
61 19.6 15.7 23.5





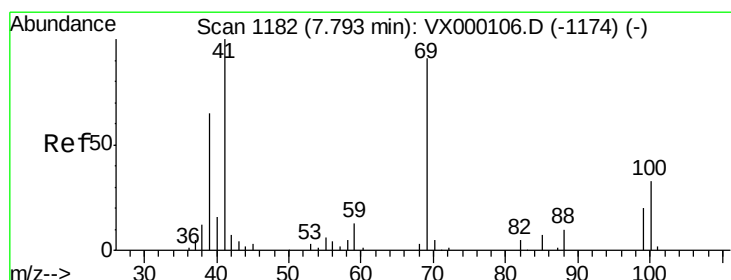
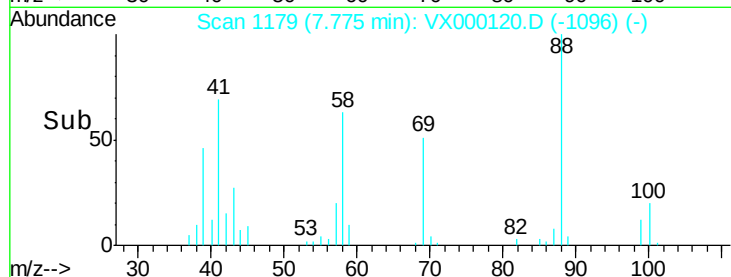
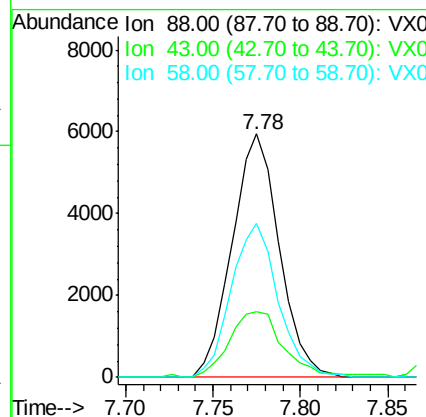
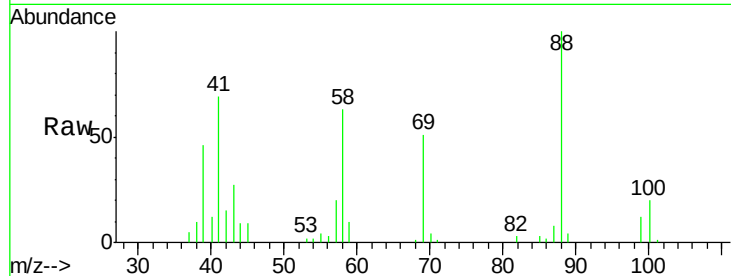
#45
 1,4-Dioxane
 Concen: 345.40 ug/l
 RT: 7.78 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: VX000120.D
 Acq: 21 Feb 2018 16:31

Instrument :
 Client Sampled :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
88	100	11143		
43	31.1		26.8	40.2
58	62.9		52.1	78.1

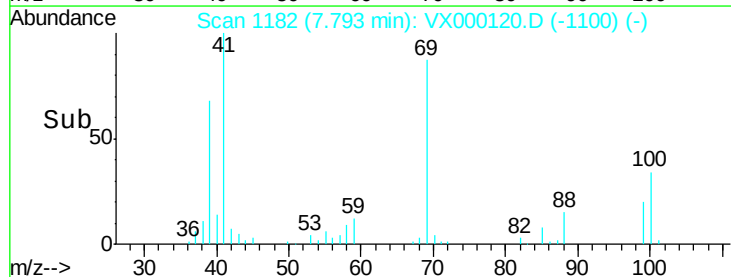
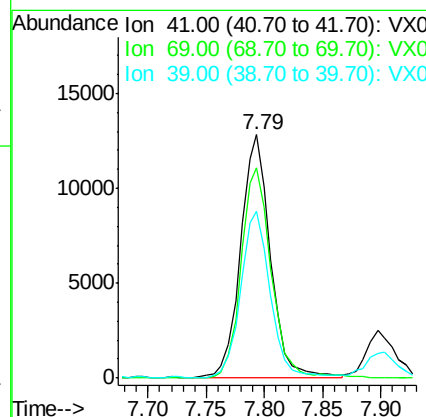
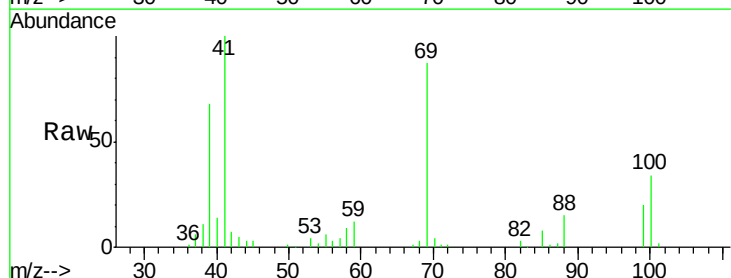
Manual Integrations
 APPROVED

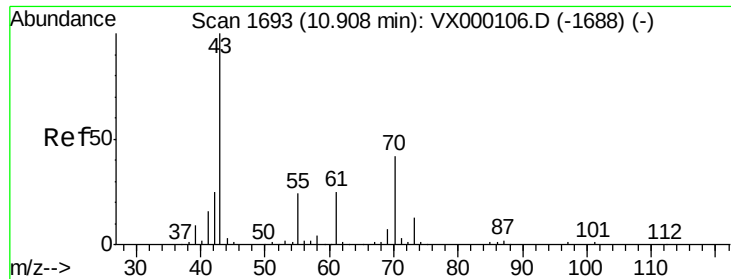
sam
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#46
 Methyl methacrylate
 Concen: 18.42 ug/l
 RT: 7.79 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX000120.D
 Acq: 21 Feb 2018 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	22980		
69	86.6		45.5	136.5
39	68.5		32.5	97.5





#47

n-amvl Acetate

Concen: 18.33 ug/l

RT: 10.91 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VX000120.D

Acq: 21 Feb 2018 16:31

Instrument :

ClientSampled :
VSTDCCC020

Tot Ion: 43 Resp: 41051

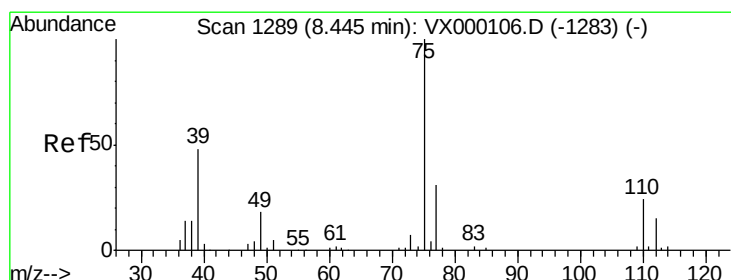
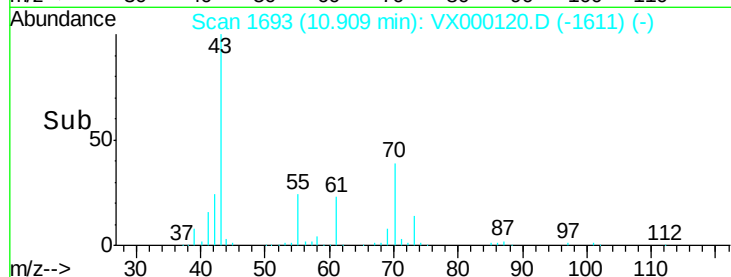
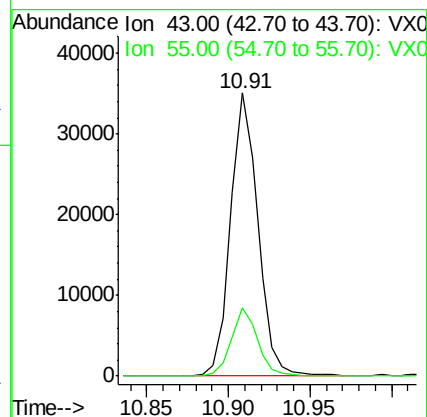
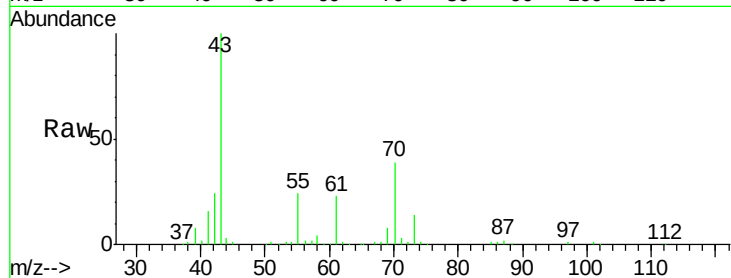
Ion Ratio Lower Upper

43 100

55 23.3 19.4 29.2

Manual Integrations
APPROVED

sam
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#48

t-1,3-Dichloropropene

Concen: 18.22 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VX000120.D

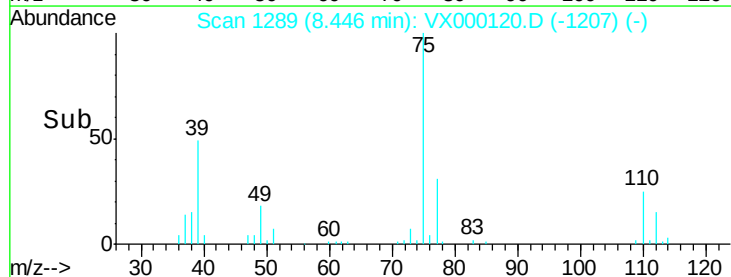
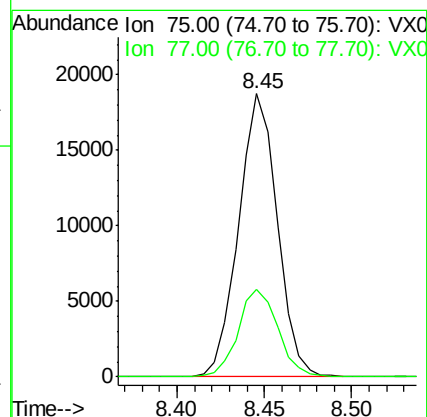
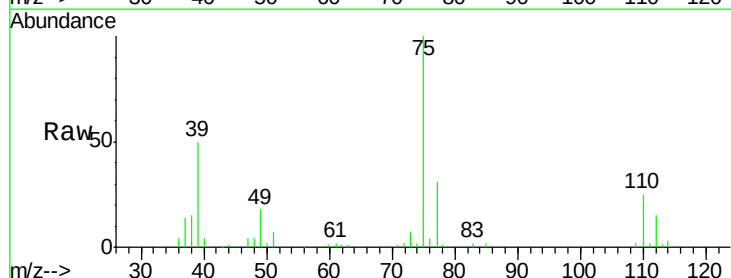
Acq: 21 Feb 2018 16:31

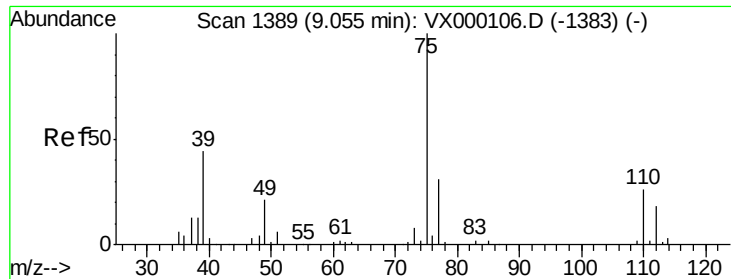
Tgt Ion: 75 Resp: 28855

Ion Ratio Lower Upper

75 100

77 31.0 24.6 37.0





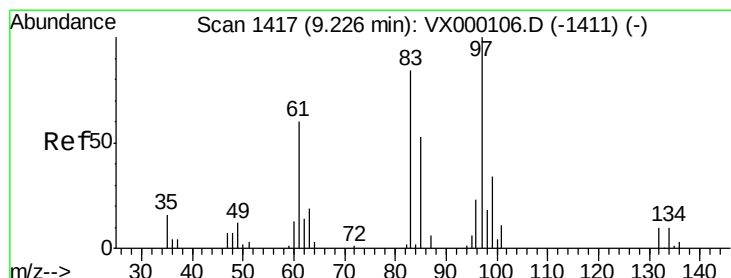
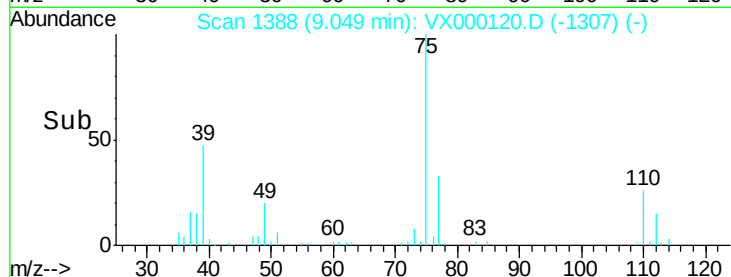
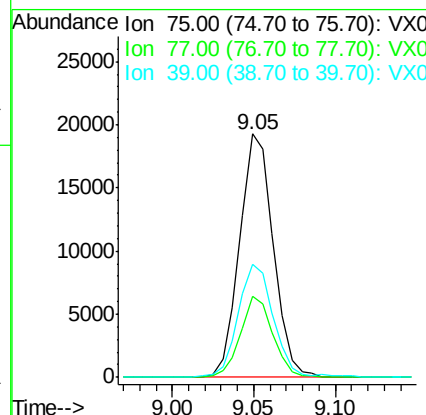
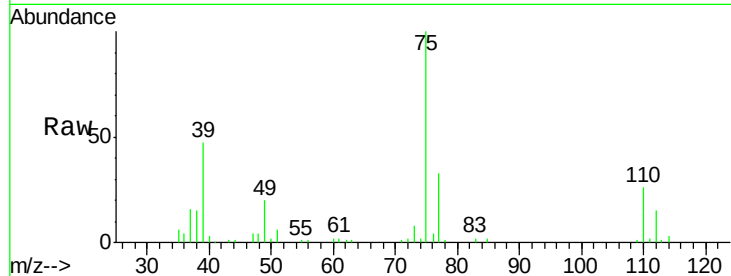
#49
 cis-1,3-Dichloropropene
 Concen: 18.01 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: VX000120.D
 Acq: 21 Feb 2018 16:31

Instrument :
 ClientSampled :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.2	24.5	36.7
39	46.2	35.6	53.4

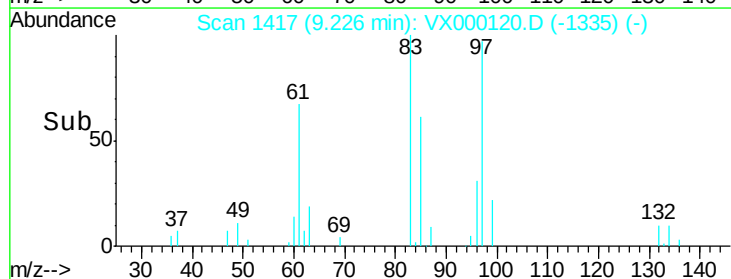
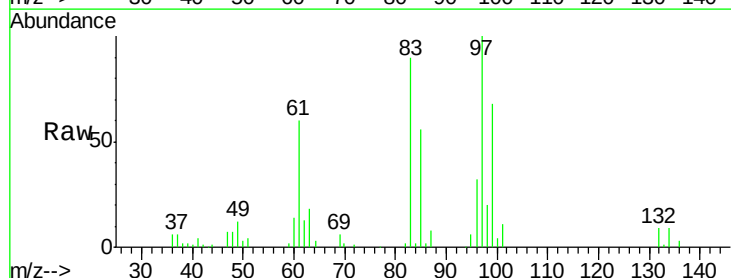
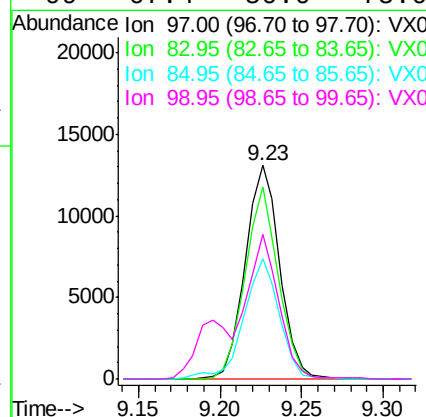
Manual Integrations
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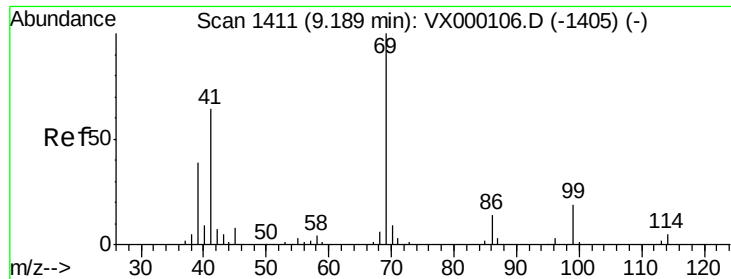
sam
 2/23/2018 5:52:30 PM



#50
 1,1,2-Trichloroethane
 Concen: 18.37 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000120.D
 Acq: 21 Feb 2018 16:31

Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.2	66.9	100.3
85	56.4	44.4	66.6
99	67.4	50.0	75.0





#51

Ethyl methacrylate

Concen: 18.28 ug/l

RT: 9.20 min Scan# 1412

Delta R.T. 0.01 min

Lab File: VX000120.D

Acq: 21 Feb 2018 16:31

Instrument :

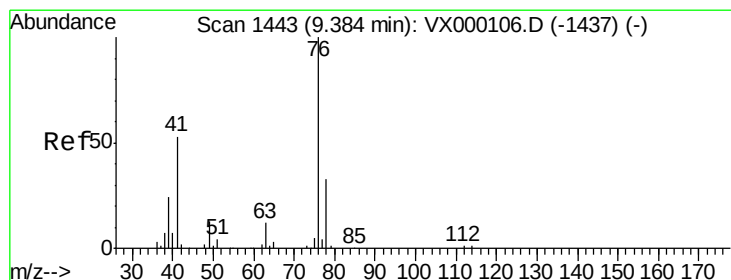
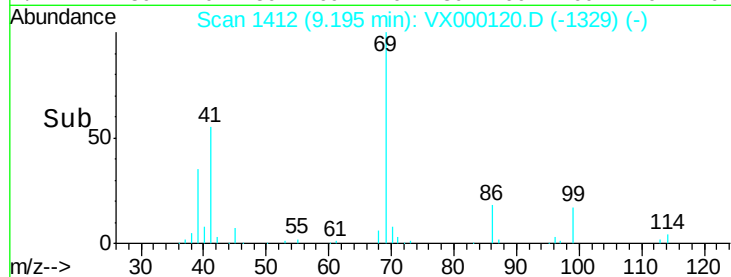
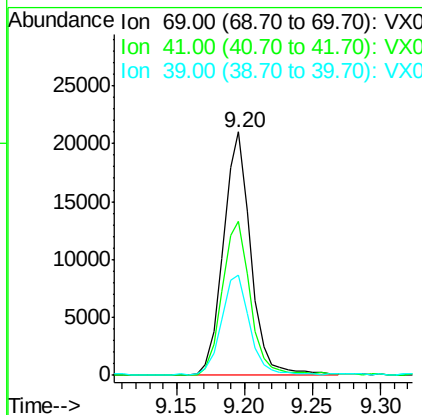
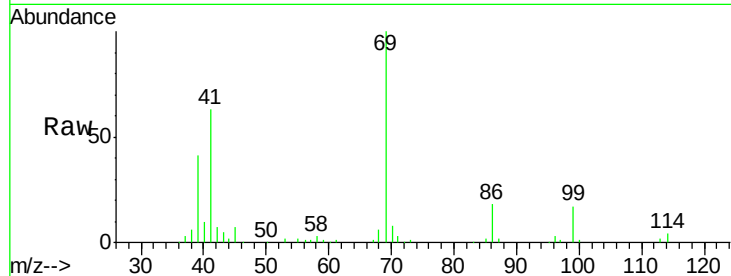
Client Sampled :

VSTDCCC020

Tot Ion:	69	Resp:	29424
Ion Ratio	Lower	Upper	
69	100		
41	62.9	32.1	96.3
39	41.0	19.6	58.7

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 19.15 ug/l

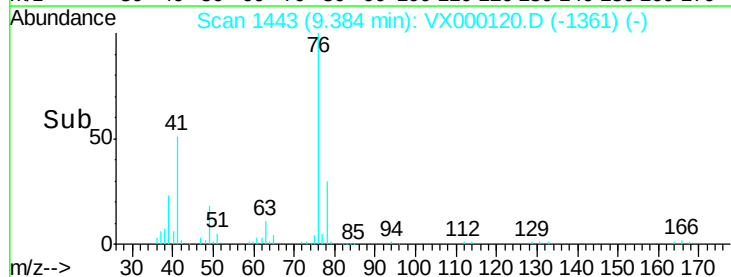
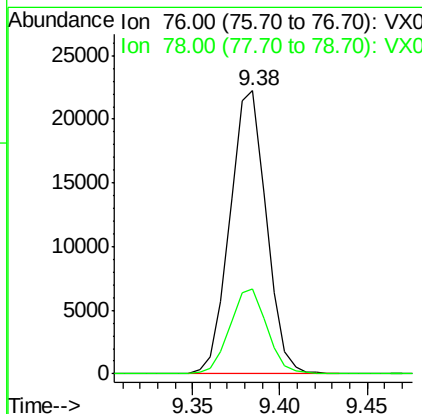
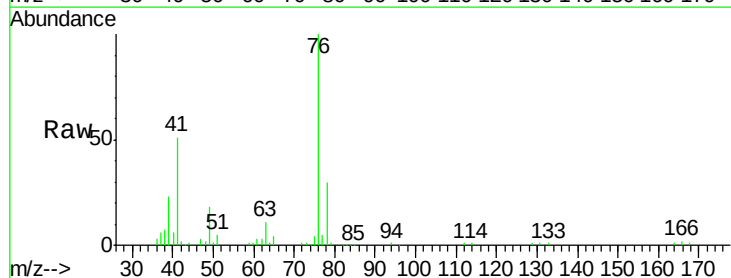
RT: 9.38 min Scan# 1443

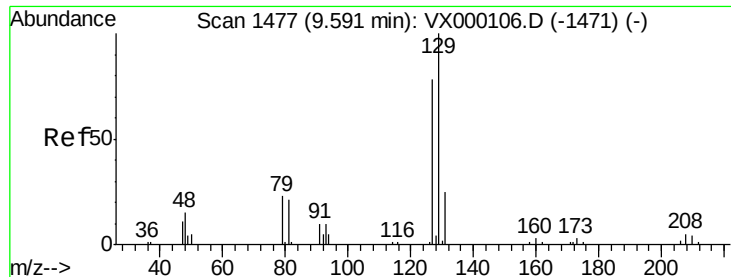
Delta R.T. 0.00 min

Lab File: VX000120.D

Acq: 21 Feb 2018 16:31

Tgt Ion:	76	Resp:	32273
Ion Ratio	Lower	Upper	
76	100		
78	30.5	0.0	65.0





#53

Dibromochloromethane

Concen: 17.76 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. 0.00 min

Lab File: VX000120.D

Acq: 21 Feb 2018 16:31

Instrument :

ClientSampled :

VSTDCCC020

Tot Ion:129 Resp: 20766

Ion Ratio Lower Upper

129 100

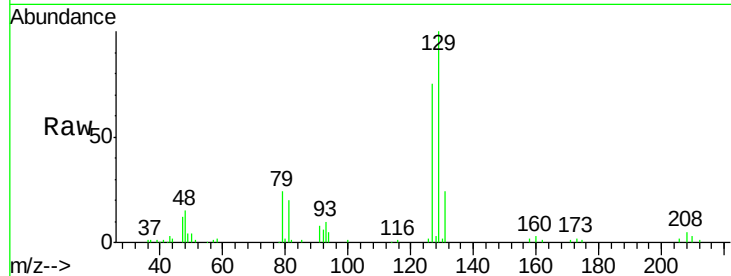
127 76.1 37.5 112.5

Manual Integrations

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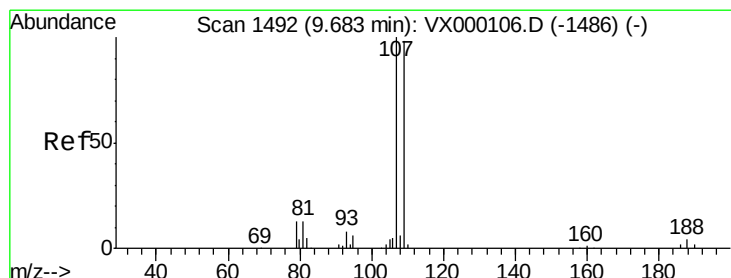
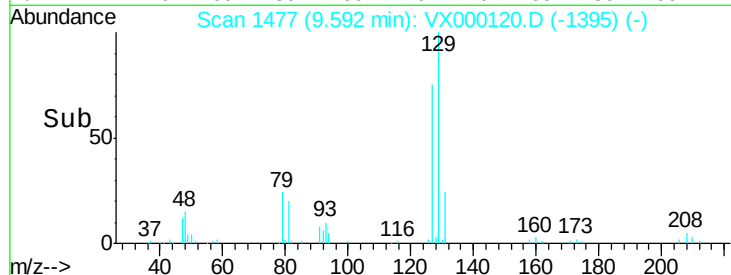
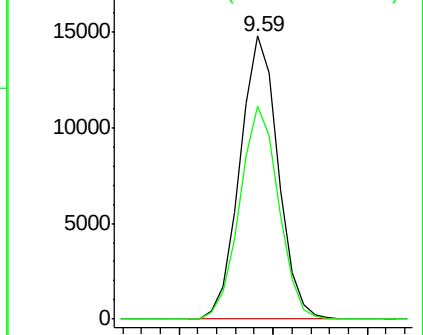
sam

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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 18.34 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000120.D

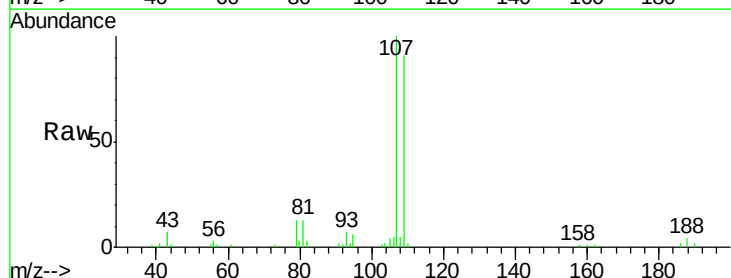
Acq: 21 Feb 2018 16:31

Tgt Ion:107 Resp: 21485

Ion Ratio Lower Upper

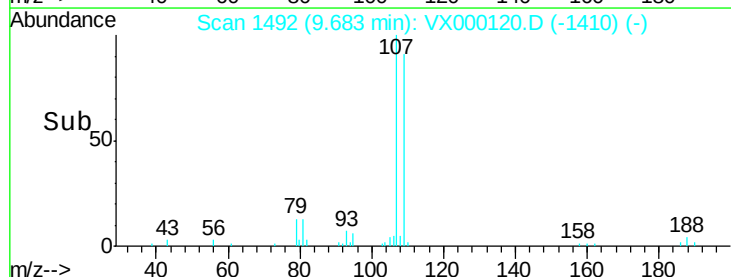
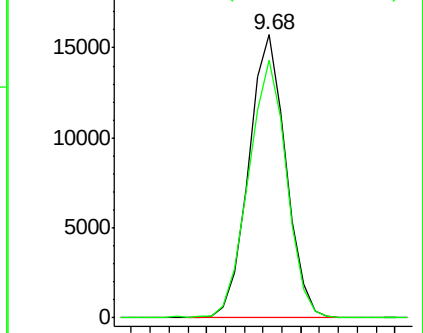
107 100

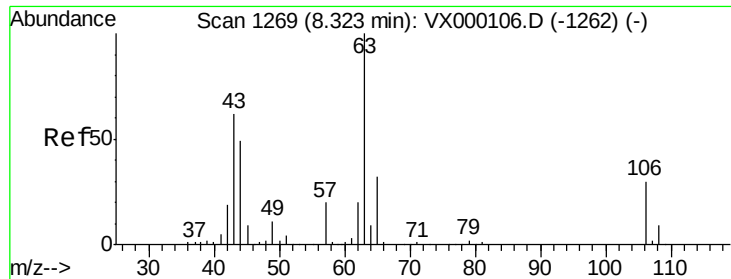
109 93.1 74.5 111.7



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





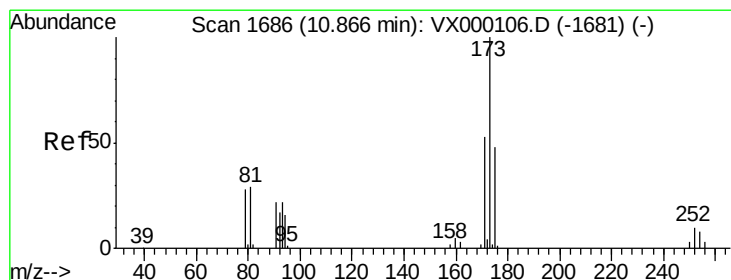
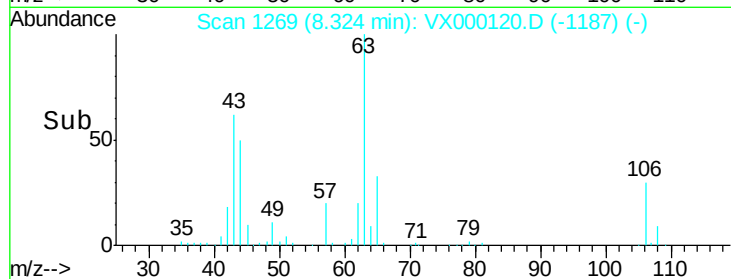
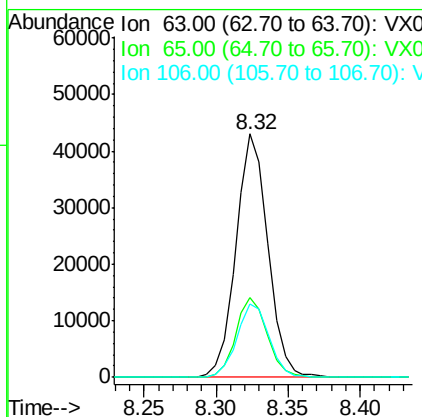
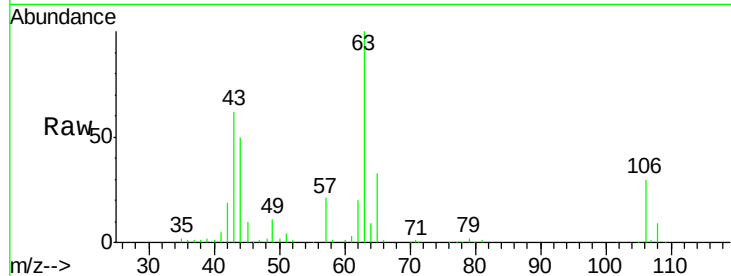
#55
2-Chloroethyl vinyl ether
Concen: 94.59 ug/l
RT: 8.32 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX000120.D
Acq: 21 Feb 2018 16:31

Instrument :
Client Sampled :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.8	38.8
106	30.4	23.8	35.6

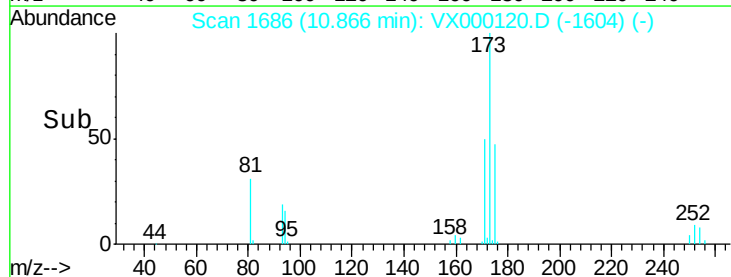
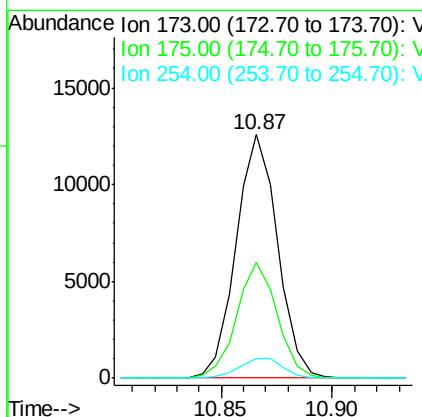
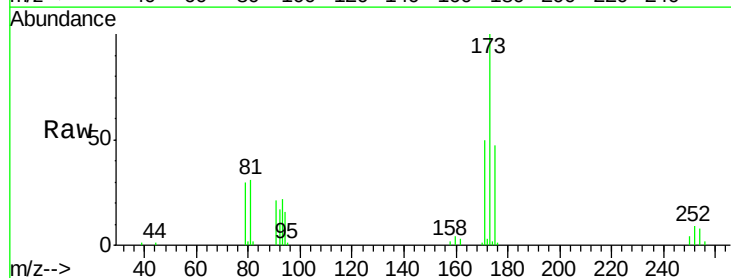
Manual Integrations
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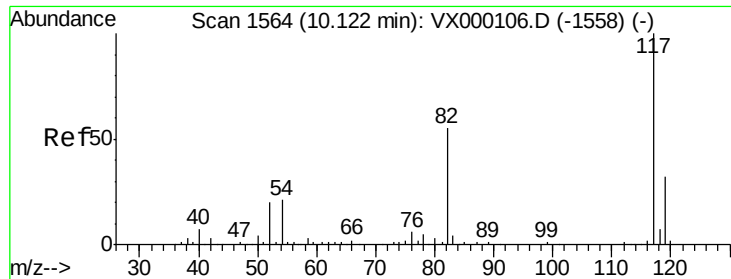
sam
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#56
Bromoform
Concen: 17.29 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX000120.D
Acq: 21 Feb 2018 16:31

Tgt Ion	Ratio	Lower	Upper
173	100		
175	46.2	39.0	58.4
254	8.3	7.0	10.4





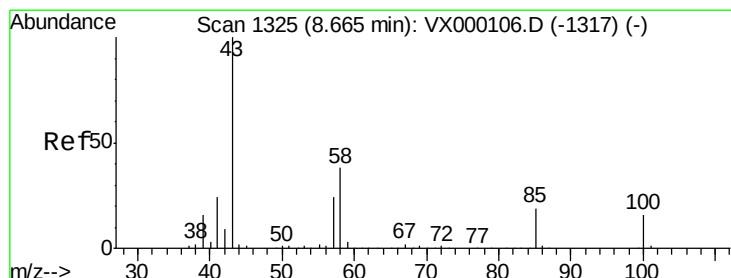
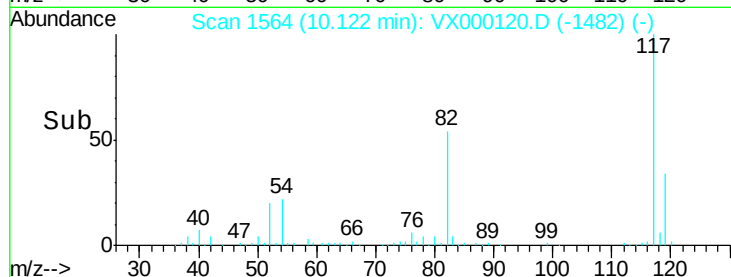
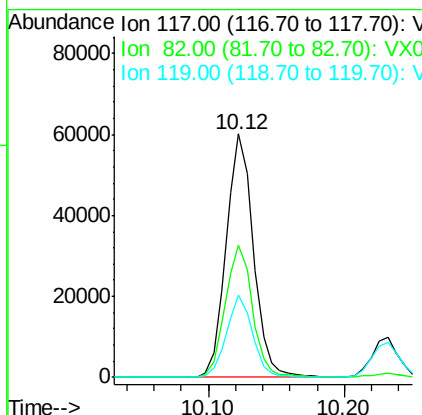
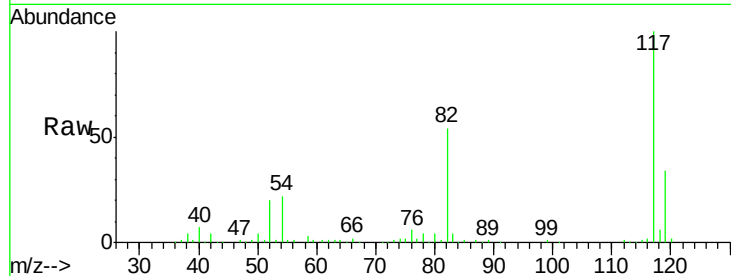
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000120.D
Acq: 21 Feb 2018 16:31

Instrument :
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.0	64.4
119	32.5	25.8	38.8

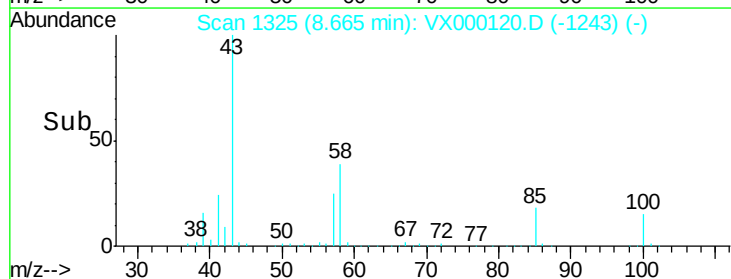
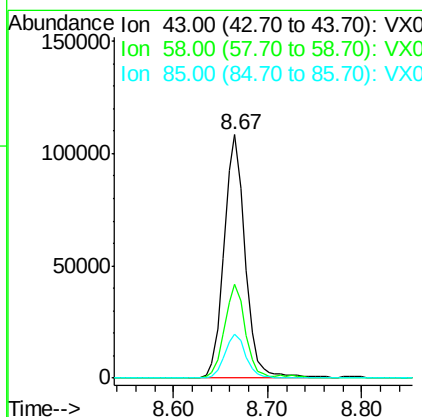
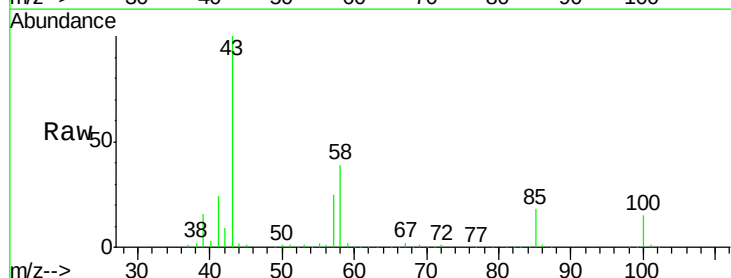
Manual Integrations
APPROVED

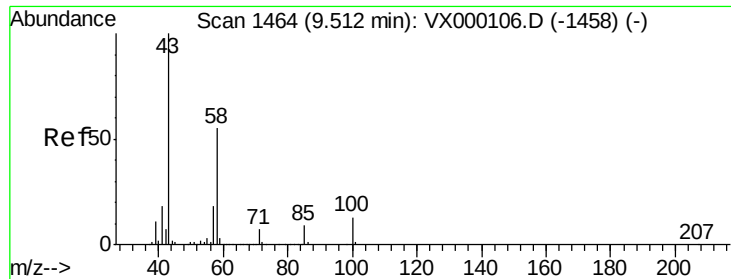
sam
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#58
4-Methyl-2-Pentanone
Concen: 92.34 ug/l
RT: 8.67 min Scan# 1325
Delta R.T. 0.00 min
Lab File: VX000120.D
Acq: 21 Feb 2018 16:31

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.5	29.8	44.8
85	17.9	14.9	22.3





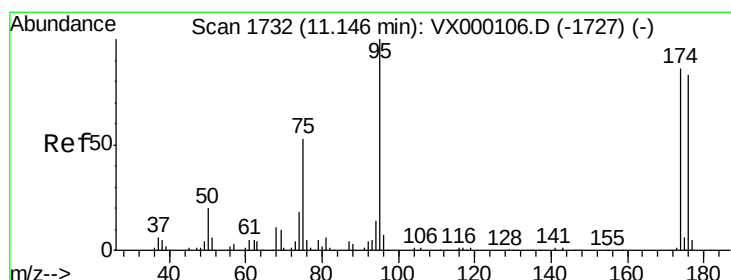
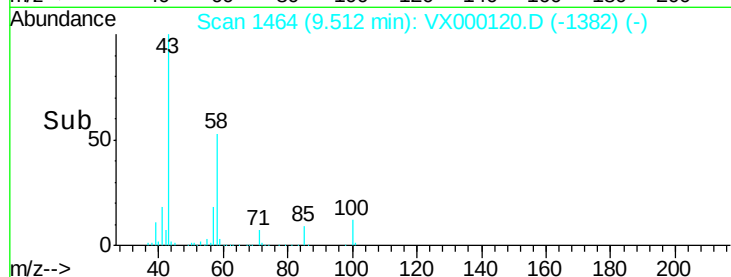
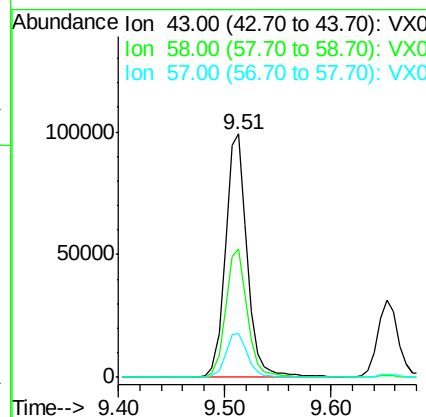
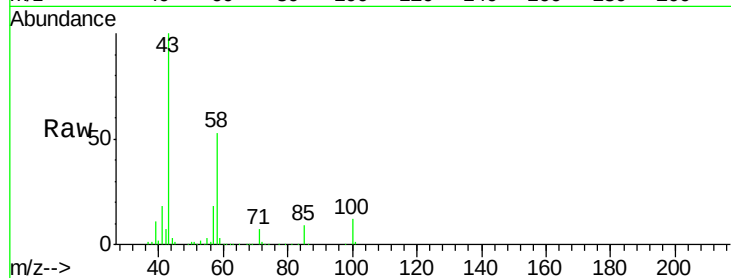
#59
2-Hexanone
Concen: 90.05 ug/l
RT: 9.51 min Scan# 1464
Delta R.T. 0.00 min
Lab File: VX000120.D
Acq: 21 Feb 2018 16:31

Instrument :
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.7	43.0	64.6
57	18.4	14.4	21.6

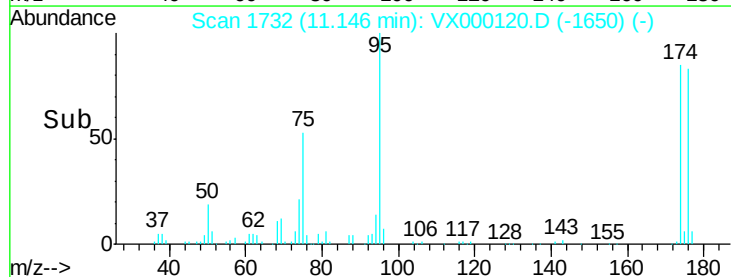
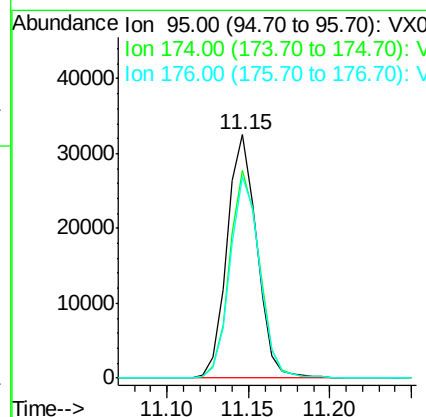
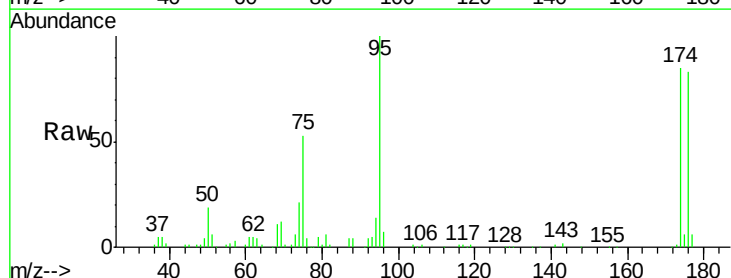
Manual Integrations
APPROVED

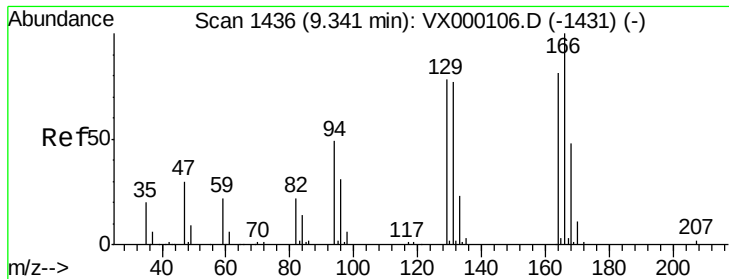
sam
2/23/2018 5:52:30 PM



#60
4-Bromofluorobenzene
Concen: 30.15 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000120.D
Acq: 21 Feb 2018 16:31

Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.7	71.1	106.7
176	82.3	69.3	103.9





#61

Tetrachloroethene

Concen: 18.38 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

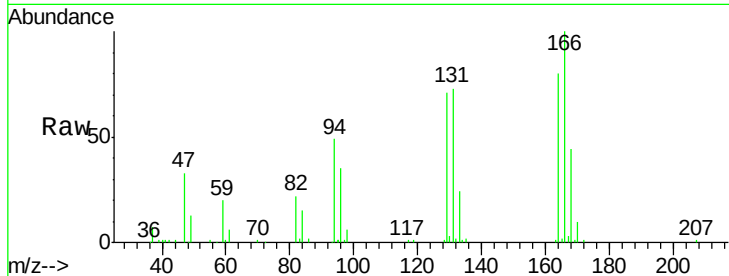
Lab File: VX000120.D

Acq: 21 Feb 2018 16:31

Instrument :

ClientSampleId :

VSTDCCC020



Tot Ion:164 Resp: 18712

Ion Ratio Lower Upper

164 100

166 124.8 99.0 148.4

129 89.0 77.0 115.6

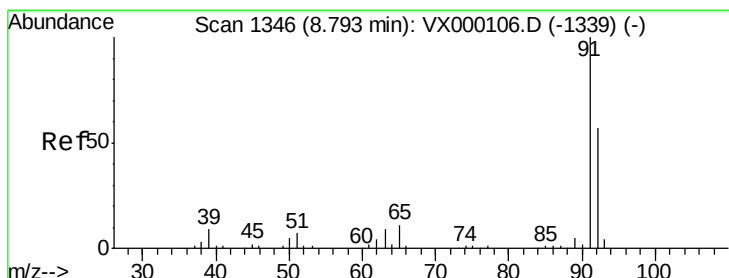
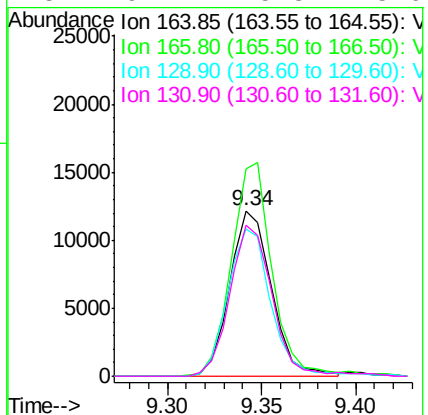
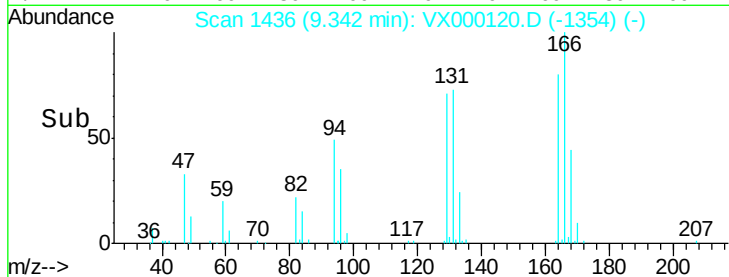
131 91.4 75.8 113.6

Manual Integrations

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sam

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#62

Toluene

Concen: 18.88 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000120.D

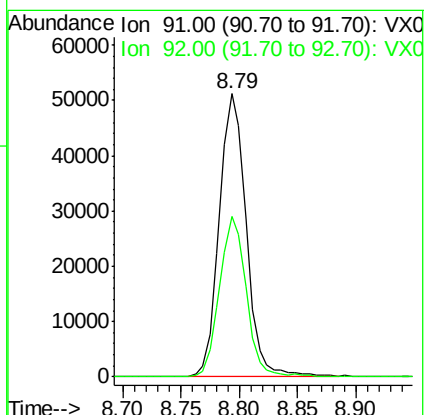
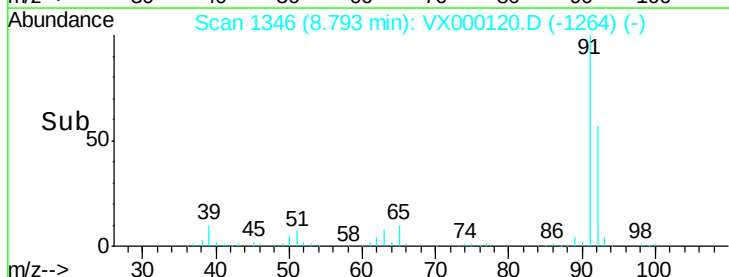
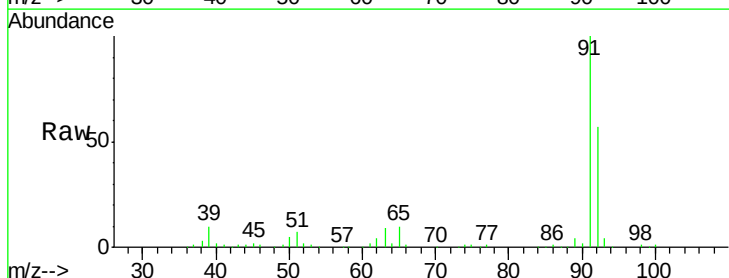
Acq: 21 Feb 2018 16:31

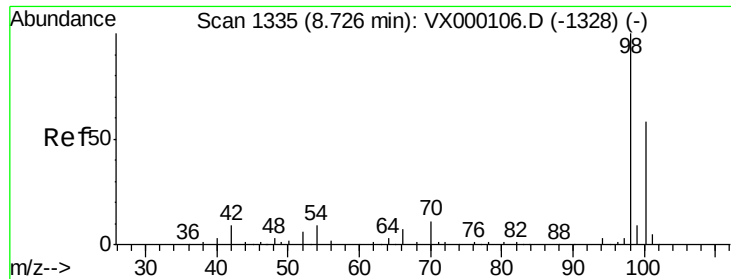
Tgt Ion: 91 Resp: 82350

Ion Ratio Lower Upper

91 100

92 56.4 45.4 68.0





#63

Toluene-d8

Concen: 30.31 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX000120.D

Acq: 21 Feb 2018 16:31

Instrument :

ClientSampleId :

VSTDCCC020

Tot Ion: 98 Resp: 108829

Ion Ratio Lower Upper

98 100

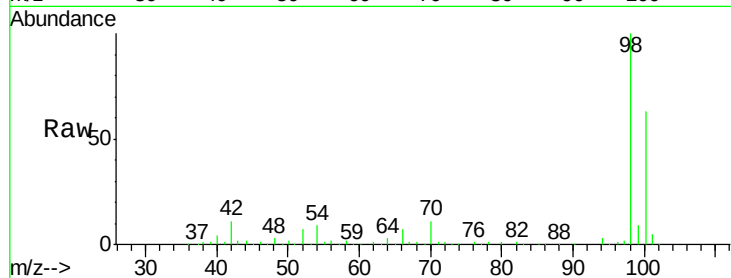
100 64.1 50.0 75.0

Manual Integrations

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Abundance Ion 98.00 (97.70 to 98.70): VX000106.D (-1328) (-)

Ion 100.00 (99.70 to 100.70): VX000120.D (-1253) (-)

8.73

60000

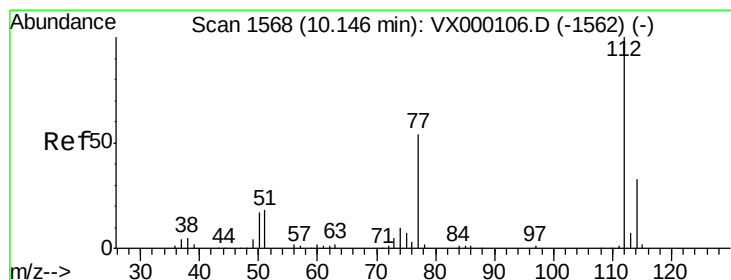
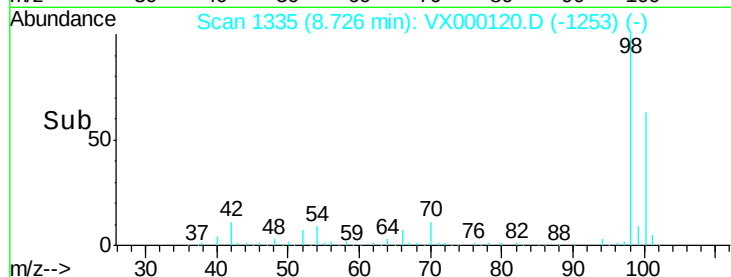
40000

20000

0

8.65 8.70 8.75 8.80

Time-->



#64

Chlorobenzene

Concen: 18.59 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX000120.D

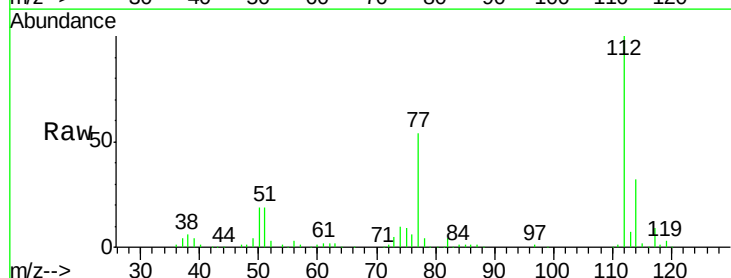
Acq: 21 Feb 2018 16:31

Tgt Ion: 112 Resp: 54780

Ion Ratio Lower Upper

112 100

114 32.2 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): VX000106.D (-1562) (-)

Ion 114.00 (113.70 to 114.70): VX000120.D (-1486) (-)

10.15

40000

30000

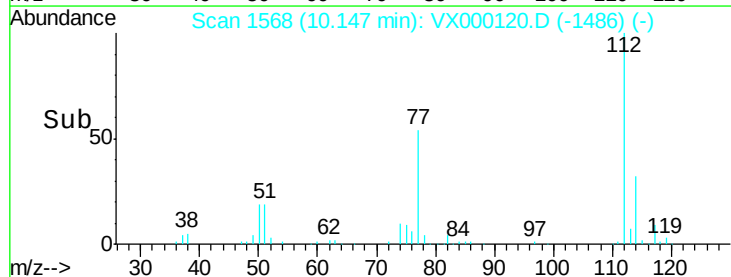
20000

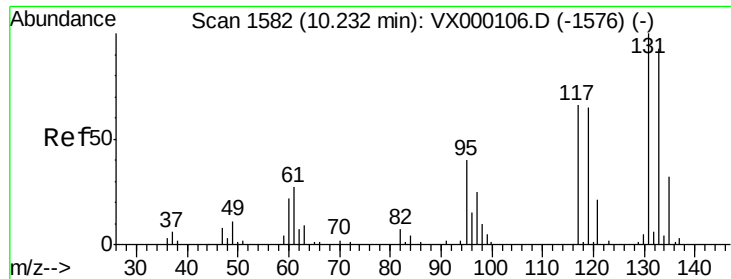
10000

0

10.10 10.15 10.20

Time-->





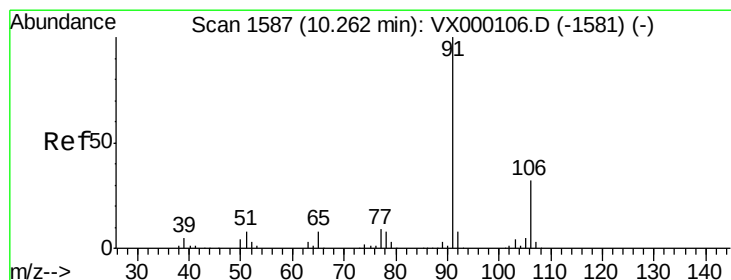
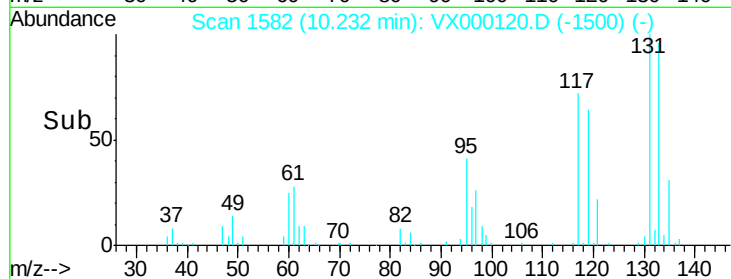
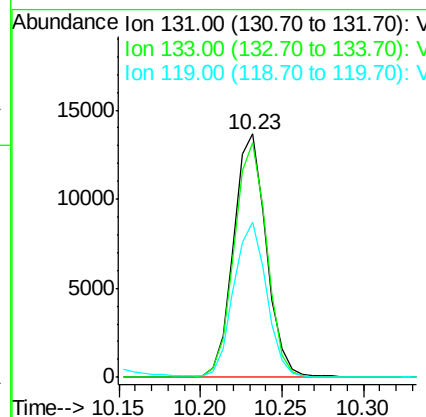
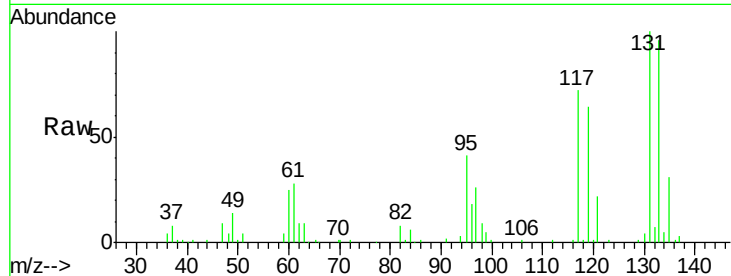
#65
 1,1,1,2-Tetrachloroethane
 Concen: 18.29 ug/l
 RT: 10.23 min Scan# 1582
 Delta R.T. 0.00 min
 Lab File: VX000120.D
 Acq: 21 Feb 2018 16:31

Instrument :
 ClientSampled :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
131	100	19095		
133	95.7	0.0	187.6	
119	63.9	0.0	134.0	

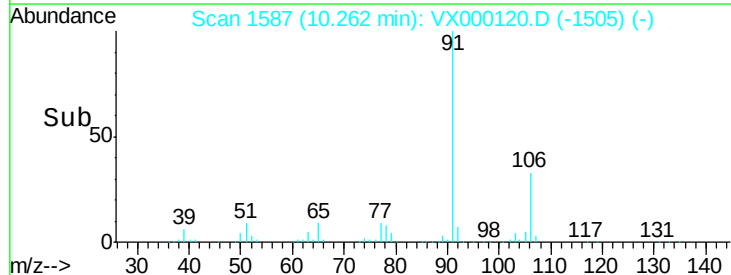
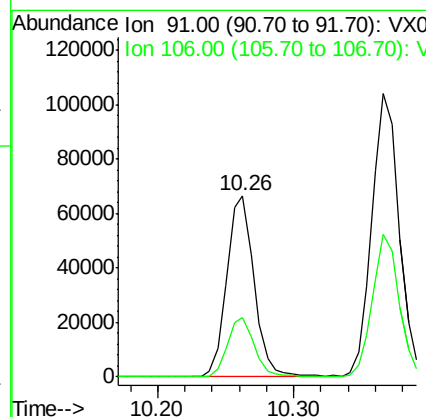
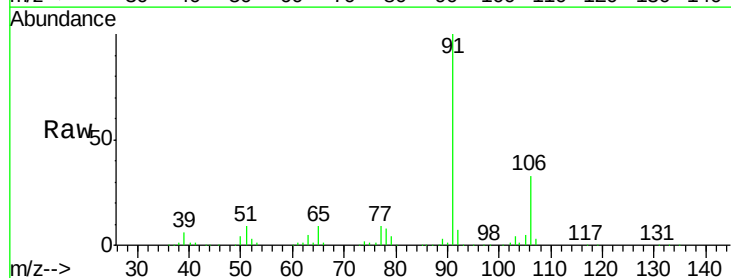
Manual Integrations
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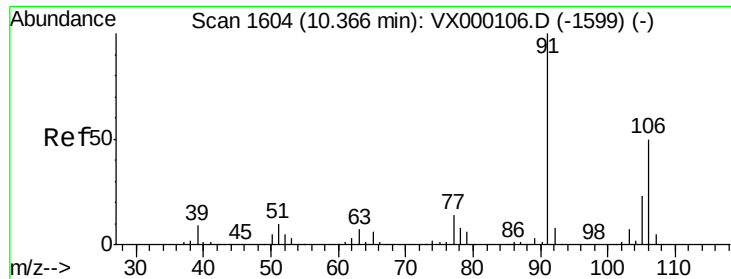
sam
 2/23/2018 5:52:30 PM



#66
 Ethyl Benzene
 Concen: 18.74 ug/l
 RT: 10.26 min Scan# 1587
 Delta R.T. 0.00 min
 Lab File: VX000120.D
 Acq: 21 Feb 2018 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	93286		
106	32.7	25.9	38.9	





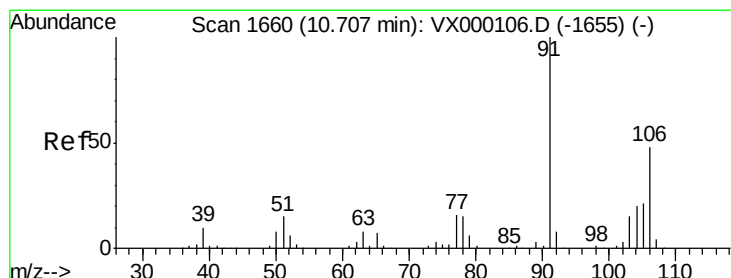
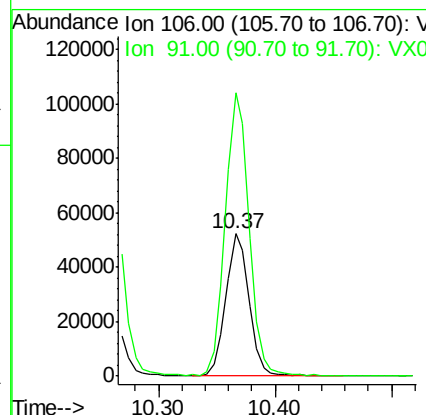
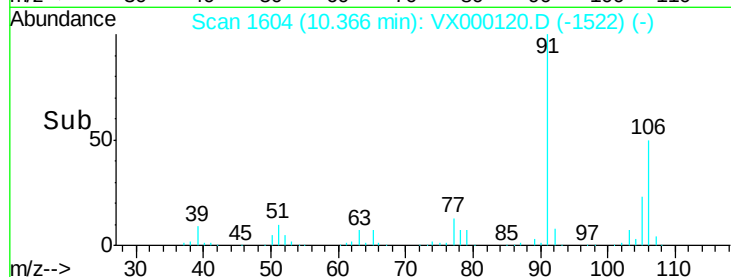
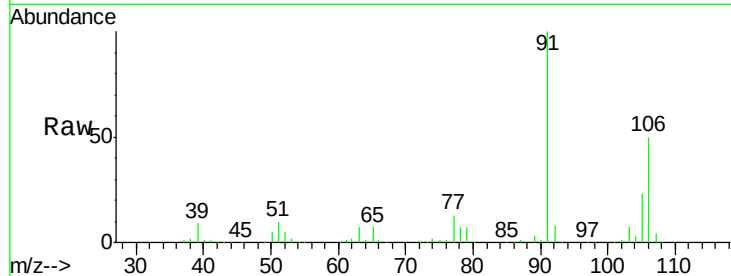
#67
m/p-Xylenes
Concen: 37.11 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000120.D
Acq: 21 Feb 2018 16:31

Instrument :
ClientSampleId :
VSTDCCC020

Tot Ion:106 Resp: 72423
Ion Ratio Lower Upper
106 100
91 203.6 161.6 242.4

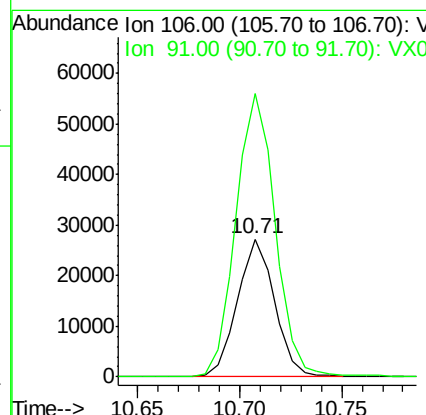
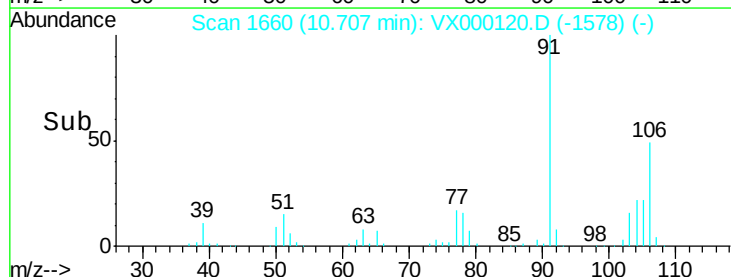
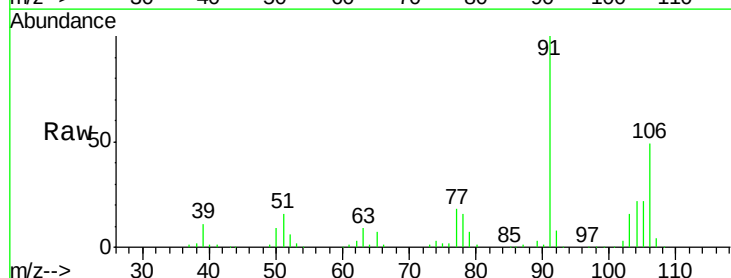
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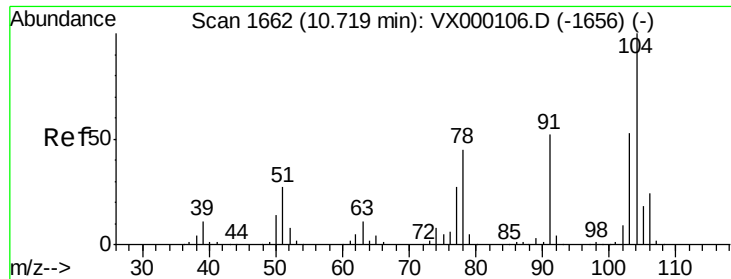
sam
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#68
o-Xylene
Concen: 18.29 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000120.D
Acq: 21 Feb 2018 16:31

Tgt Ion:106 Resp: 34679
Ion Ratio Lower Upper
106 100
91 216.9 105.6 316.8





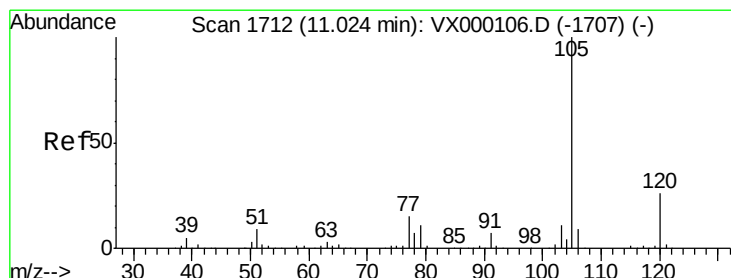
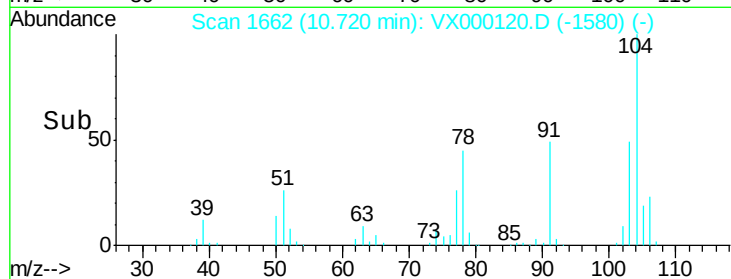
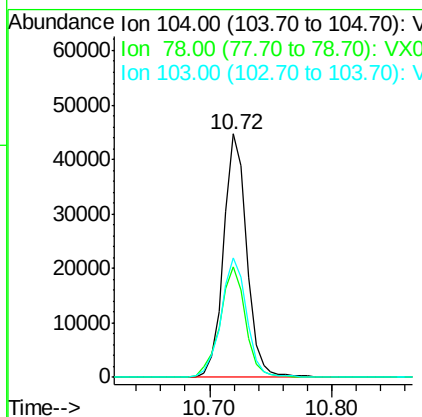
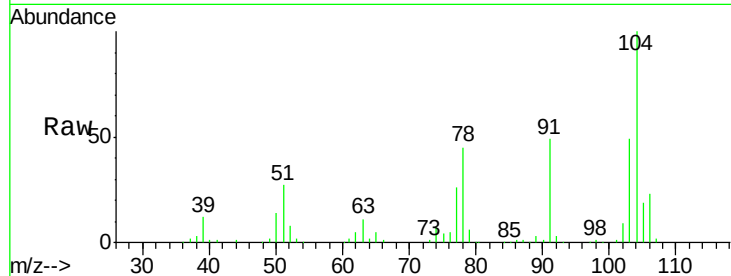
#69
Stvrene
Concen: 18.75 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000120.D
Acq: 21 Feb 2018 16:31

Instrument :
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.5	39.0	58.4
103	54.0	44.7	67.1

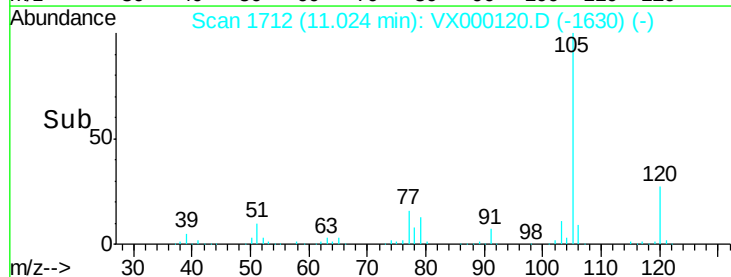
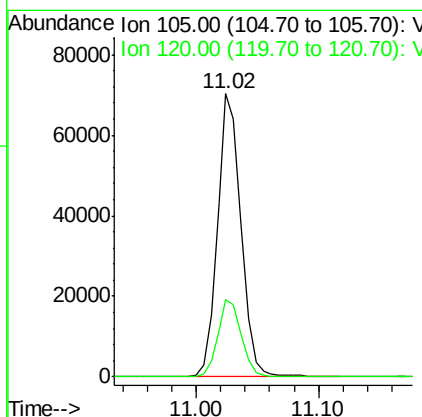
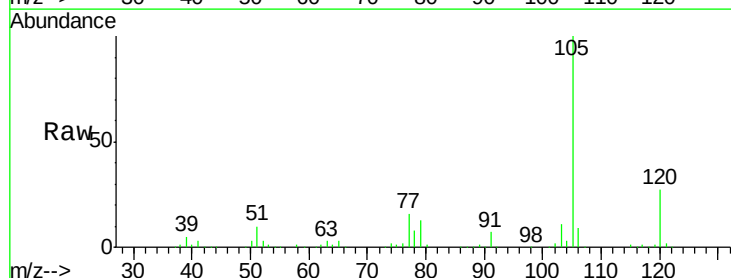
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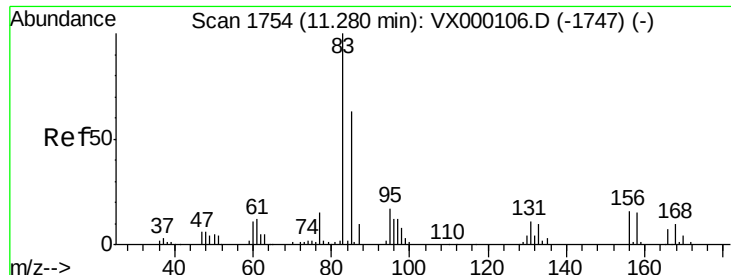
sam
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#70
Isopropylbenzene
Concen: 18.32 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX000120.D
Acq: 21 Feb 2018 16:31

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.6	18.8	35.0





#71

1,1,2,2-Tetrachloroethane

Concen: 18.96 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000120.D

Acq: 21 Feb 2018 16:31

Instrument :

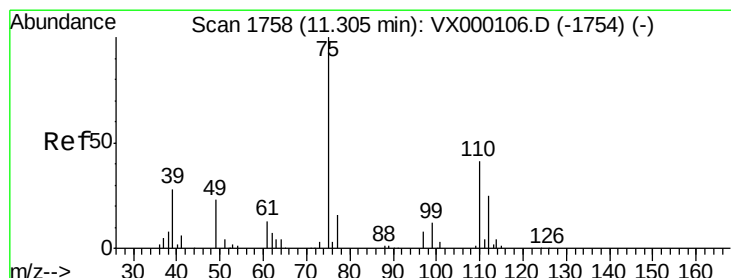
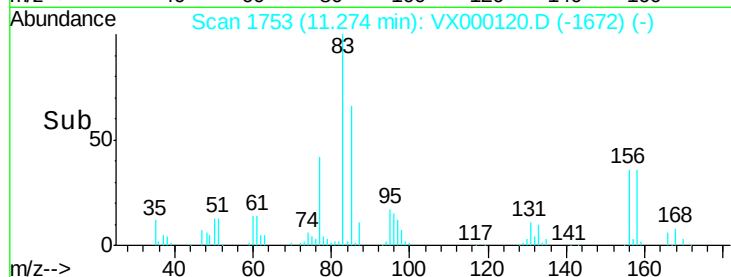
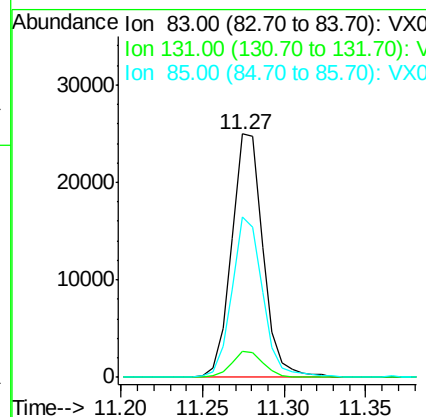
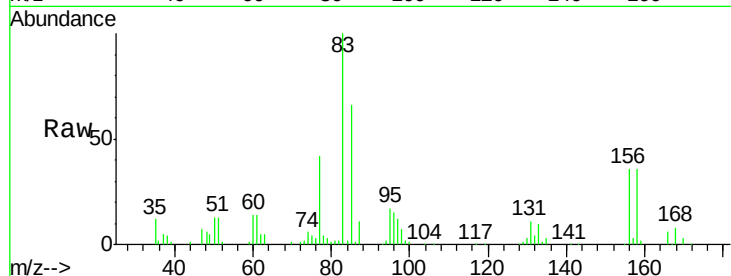
ClientSampled :

VSTDCCC020

Tot Ion	83	Resp	33430
Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.3	16.1
85	64.9	32.5	97.5

Manual Integrations
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#72

1,2,3-Trichloropropane

Concen: 18.79 ug/l m

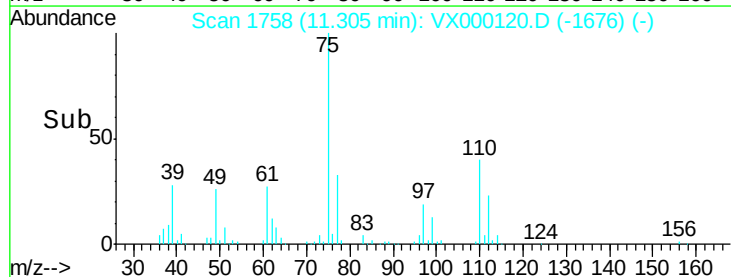
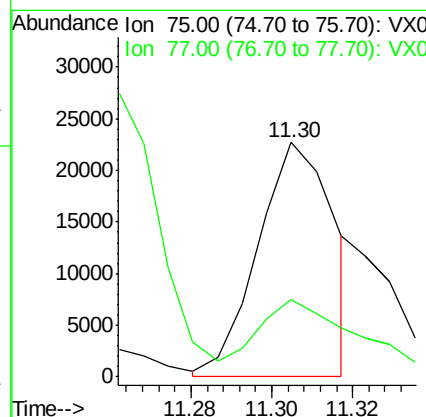
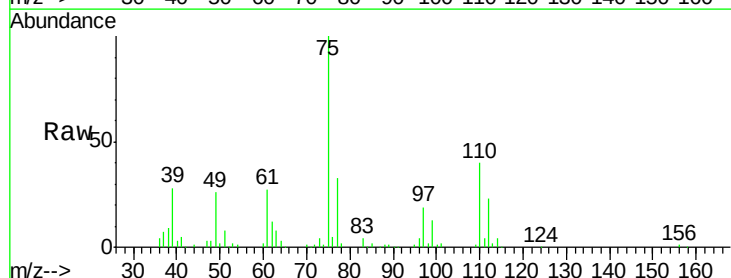
RT: 11.30 min Scan# 1758

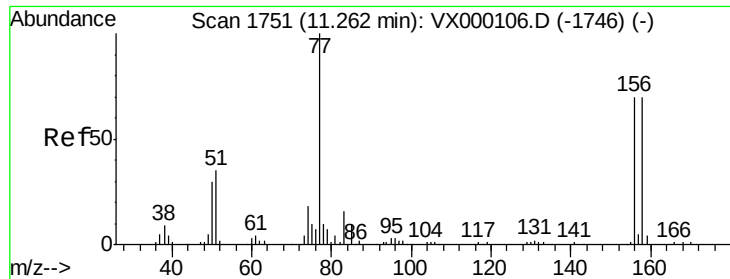
Delta R.T. 0.00 min

Lab File: VX000120.D

Acq: 21 Feb 2018 16:31

Tgt Ion	75	Resp	29714
Ion	Ratio	Lower	Upper
75	100		
77	43.8	0.0	85.8





#73

Bromobenzene

Concen: 17.91 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000120.D

Acq: 21 Feb 2018 16:31

Instrument :

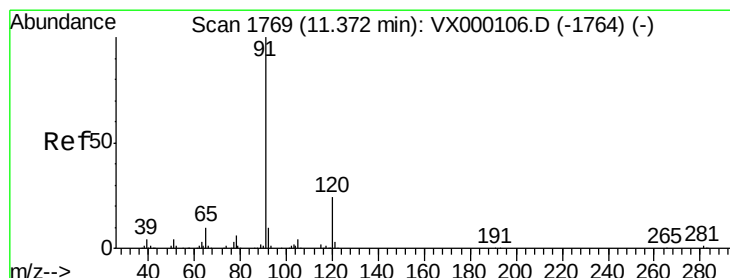
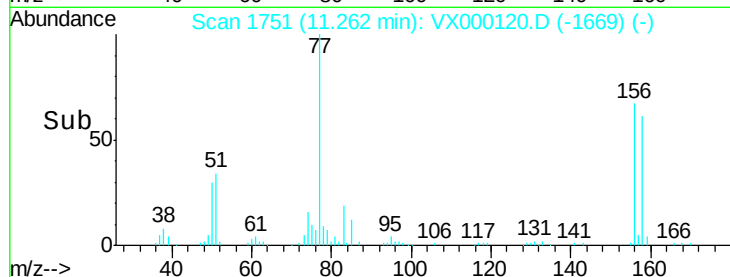
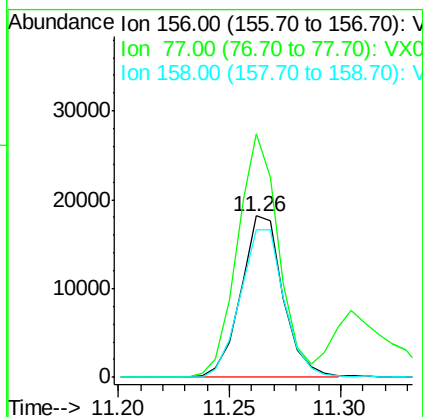
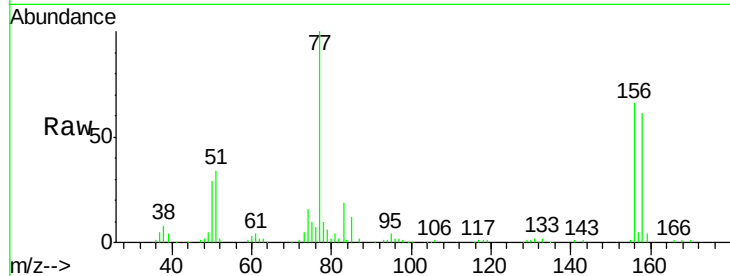
ClientSampled :

VSTDCCC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		24064		
77	147.1	0.0	280.2		
158	95.9	0.0	197.2		

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#74

n-propylbenzene

Concen: 18.79 ug/l

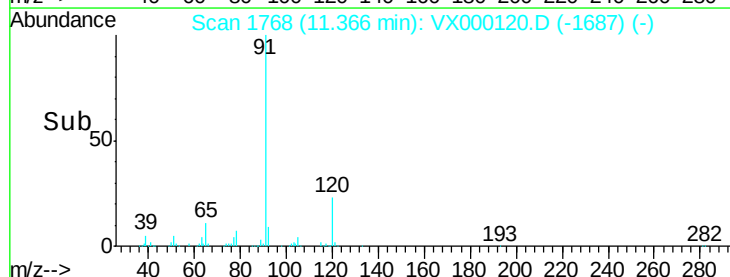
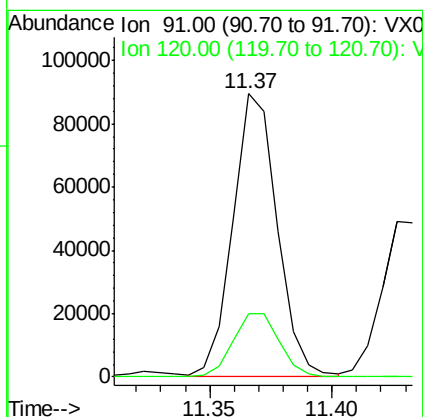
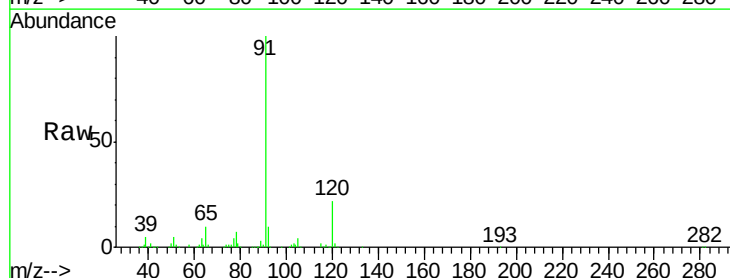
RT: 11.37 min Scan# 1768

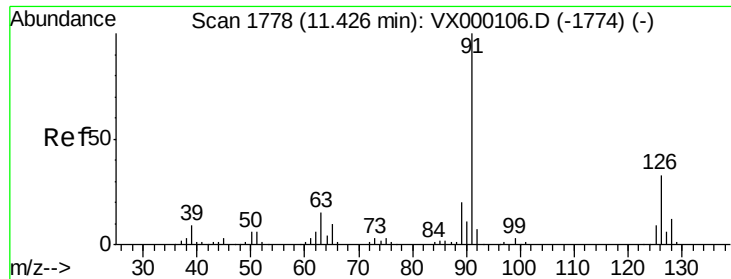
Delta R.T. -0.01 min

Lab File: VX000120.D

Acq: 21 Feb 2018 16:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		112880		
120	23.6	0.0	47.4		





#75

2-Chlorotoluene

Concen: 19.07 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000120.D

Acq: 21 Feb 2018 16:31

Instrument :

ClientSampled :

VSTDCCC020

Tot Ion: 91 Resp: 65869

Ion Ratio Lower Upper

91 100

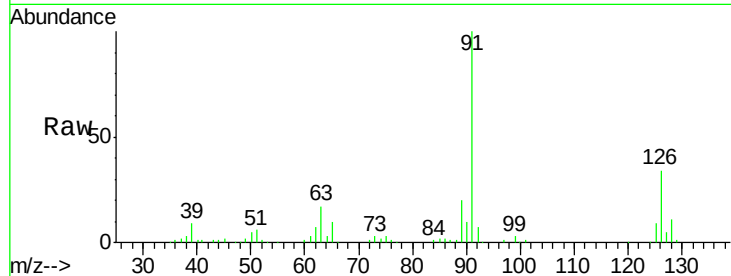
126 33.9 0.0 71.4

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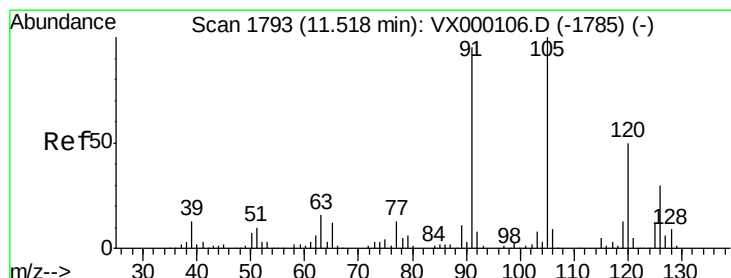
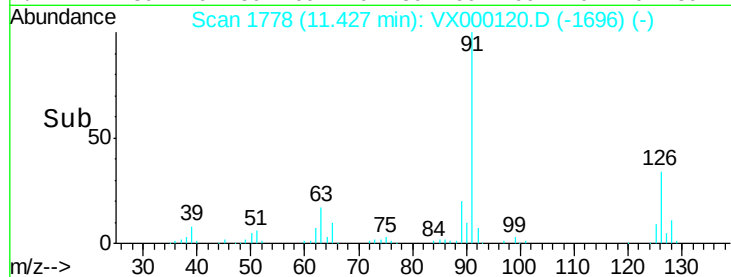
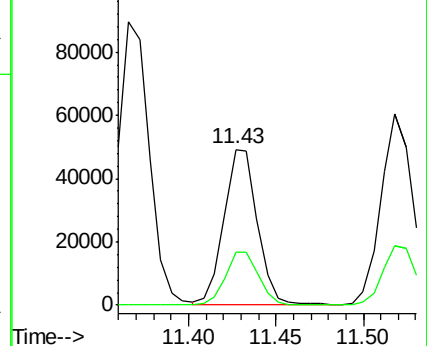
sam

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

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



#76

1,3,5-Trimethylbenzene

Concen: 18.39 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX000120.D

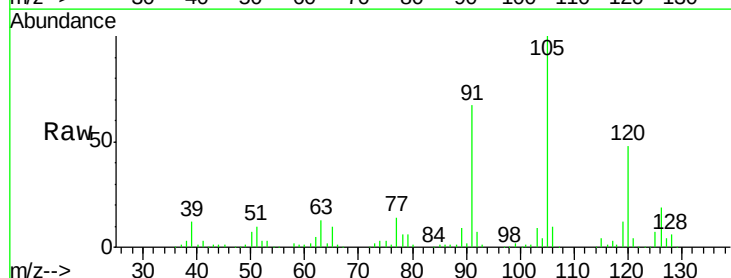
Acq: 21 Feb 2018 16:31

Tgt Ion: 105 Resp: 79865

Ion Ratio Lower Upper

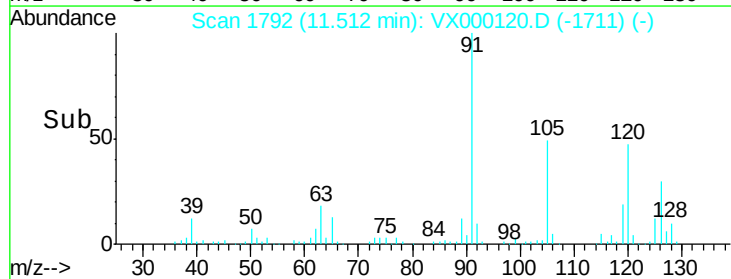
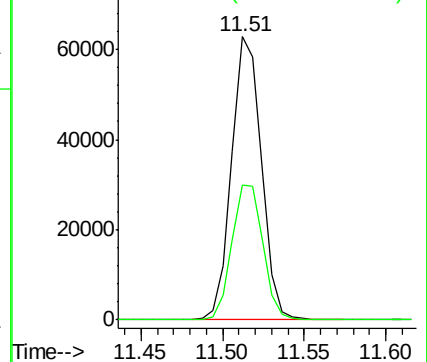
105 100

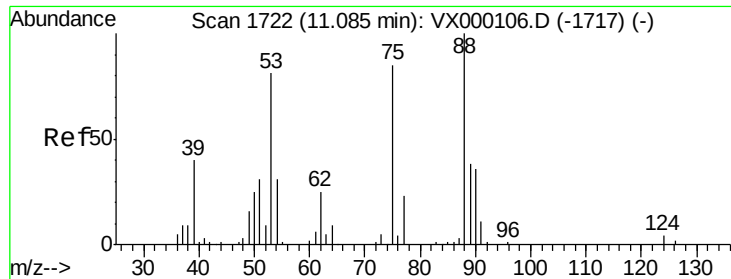
120 49.7 0.0 63.8



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

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





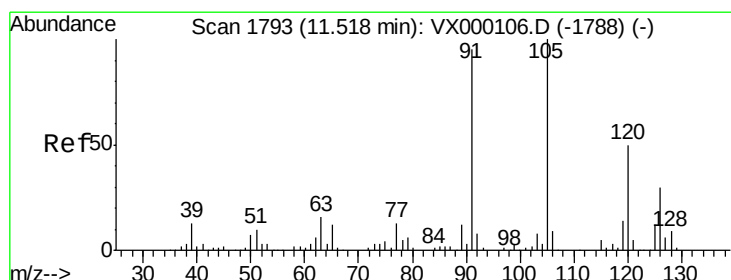
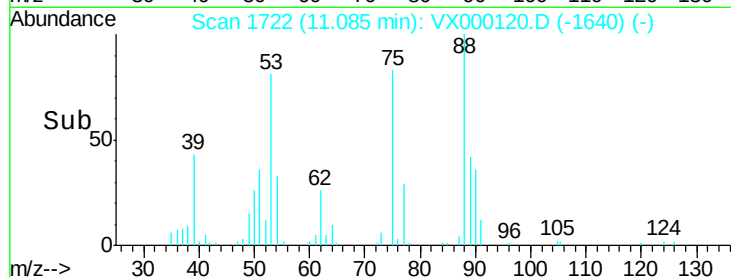
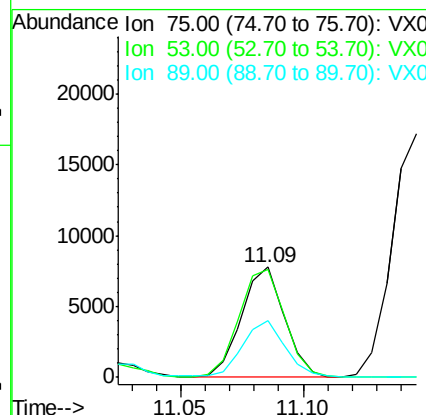
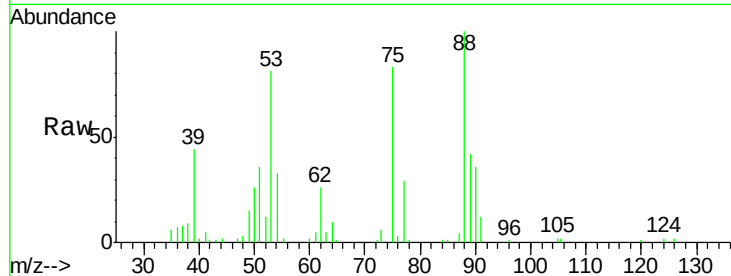
#77
t-1,4-Dichloro-2-butene
Concen: 17.12 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VX000120.D
Acq: 21 Feb 2018 16:31

Instrument :
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.2	47.8	143.3
89	51.3	22.3	66.8

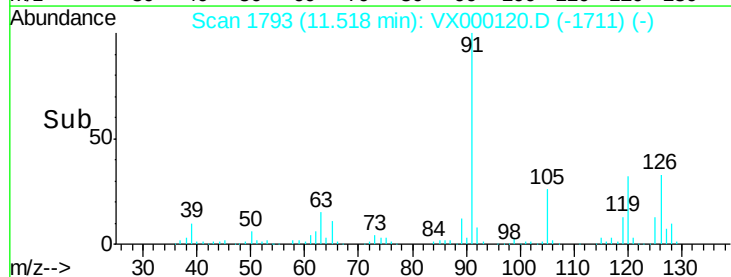
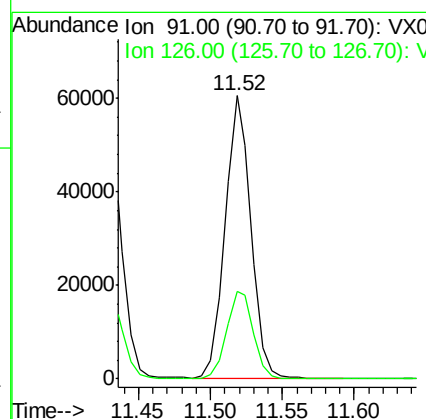
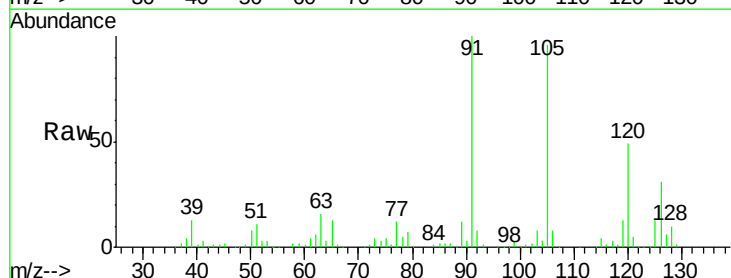
Manual Integrations
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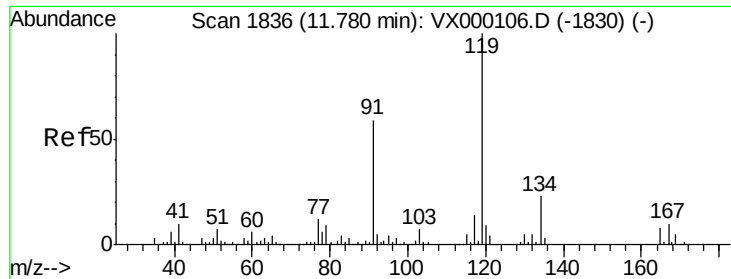
sam
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#78
4-Chlorotoluene
Concen: 18.54 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000120.D
Acq: 21 Feb 2018 16:31

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.0	0.0	63.4





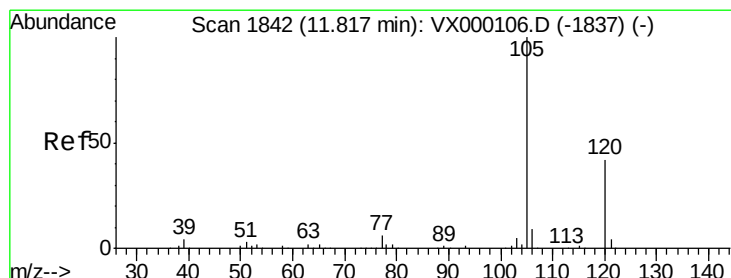
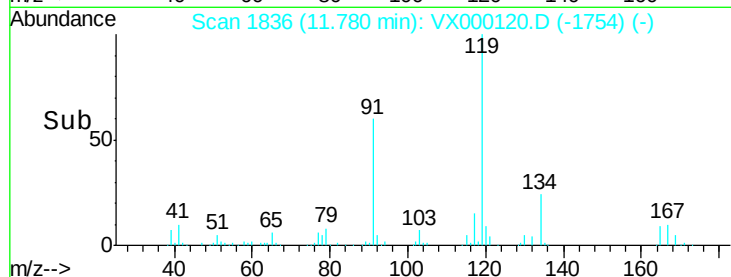
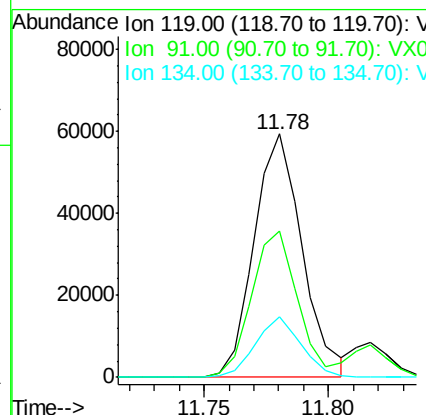
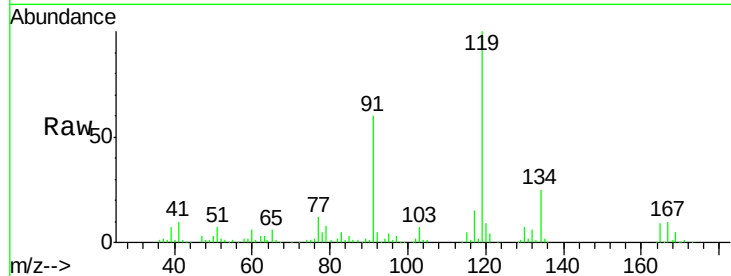
#79
tert-butylbenzene
Concen: 18.37 ug/l m
RT: 11.78 min Scan# 1836
Delta R.T. 0.00 min
Lab File: VX000120.D
Acq: 21 Feb 2018 16:31

Instrument :
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	79396		
91	27.1	0.0	51.6	
134	29.0	0.0	60.2	

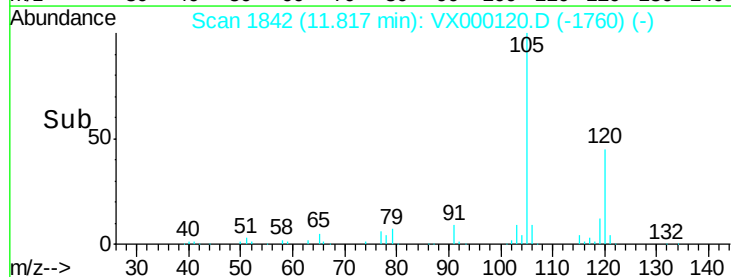
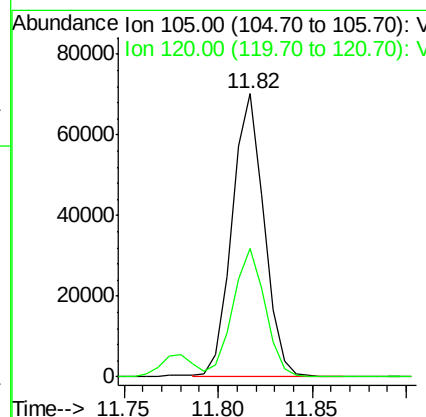
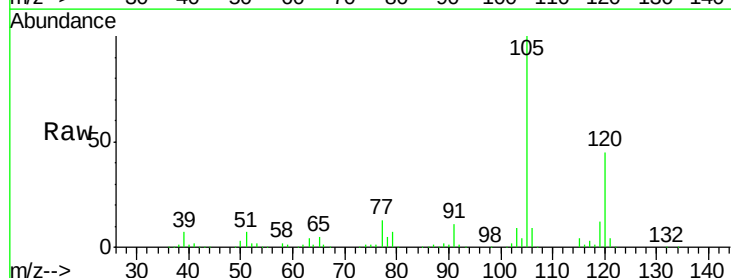
Manual Integrations
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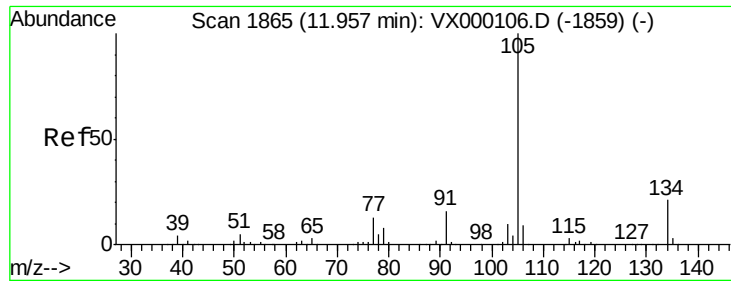
sam
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#80
1,2,4-Trimethylbenzene
Concen: 18.58 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX000120.D
Acq: 21 Feb 2018 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	82293		
120	45.9	0.0	93.0	





#81

sec-Butylbenzene

Concen: 18.69 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VX000120.D

Acq: 21 Feb 2018 16:31

Instrument :

ClientSampled :

VSTDCCC020

Tot Ion:105 Resp: 99851

Ion Ratio Lower Upper

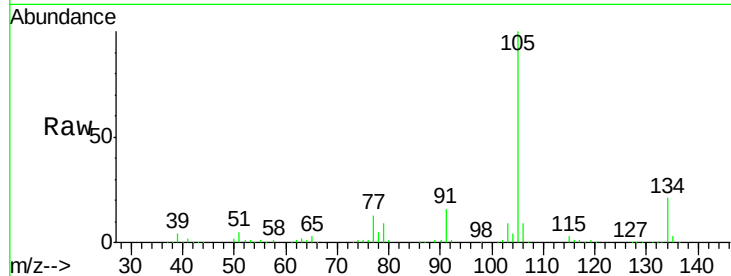
105 100

134 20.5 0.0 41.8

Manual Integrations
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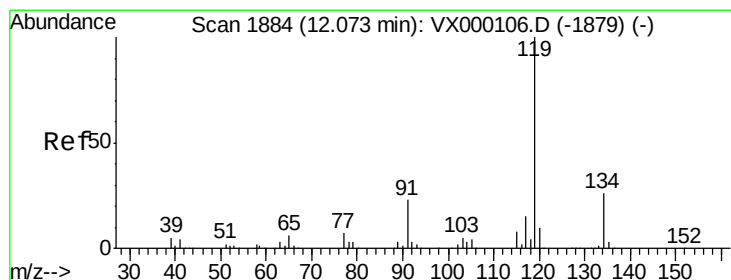
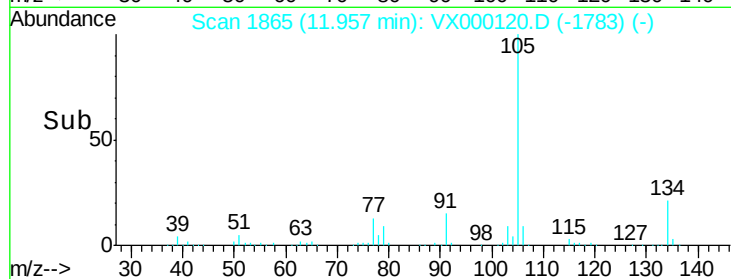
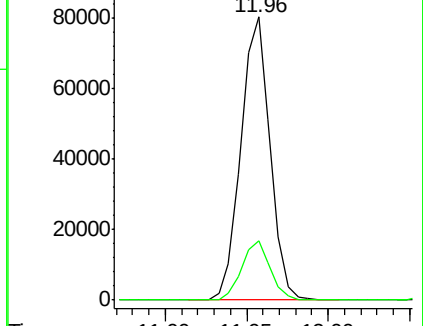
sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 18.20 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000120.D

Acq: 21 Feb 2018 16:31

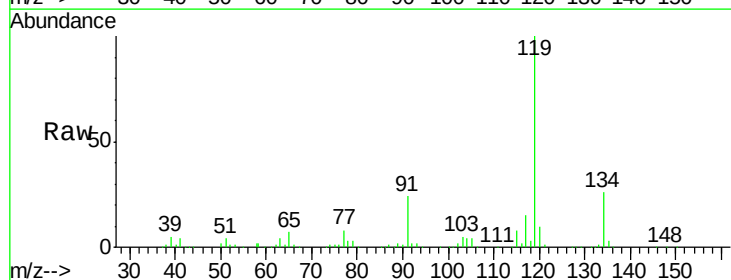
Tgt Ion:119 Resp: 86744

Ion Ratio Lower Upper

119 100

134 26.5 0.0 54.4

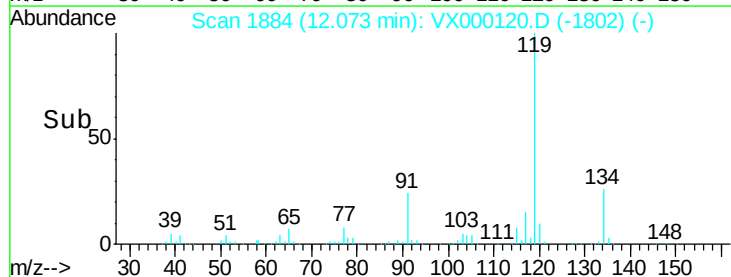
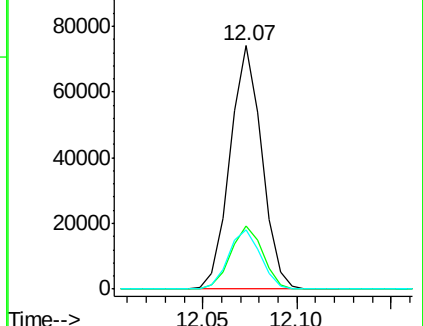
91 24.8 0.0 46.6

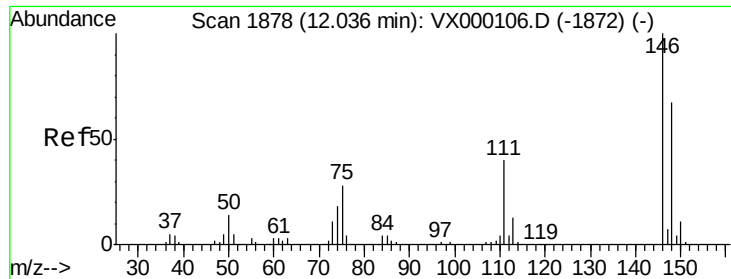


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





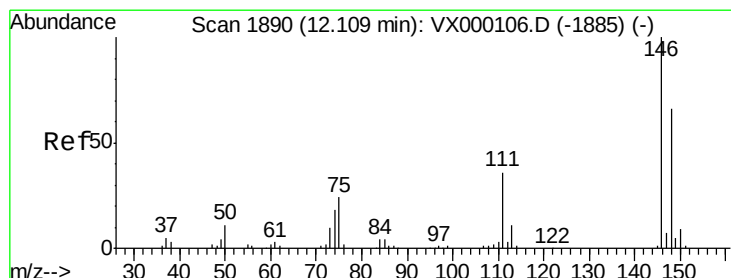
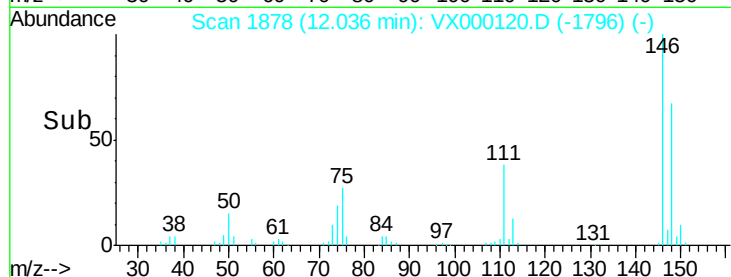
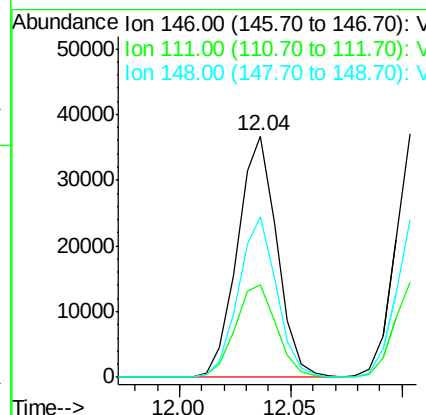
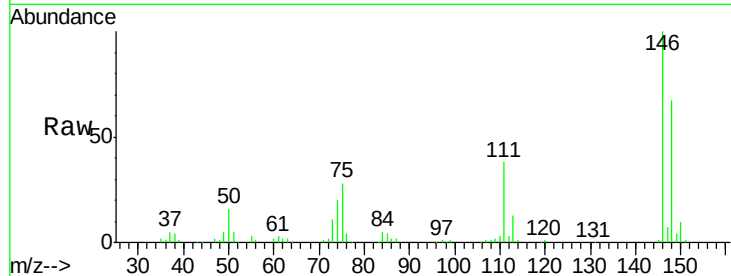
#83
 1,3-Dichlorobenzene
 Concen: 17.72 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000120.D
 Acq: 21 Feb 2018 16:31

Instrument :
 ClientSampled :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.4	58.2
148	64.5	32.6	97.7

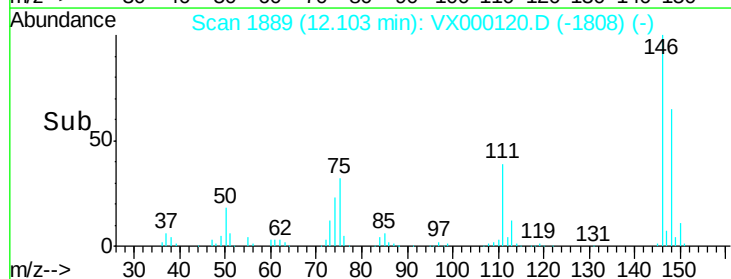
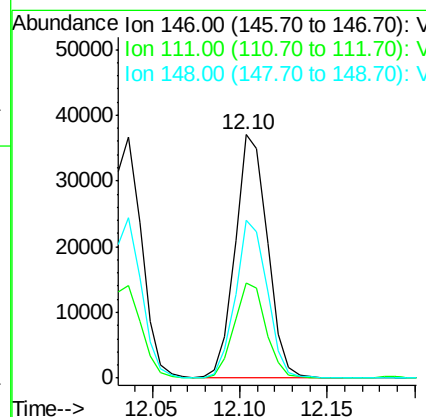
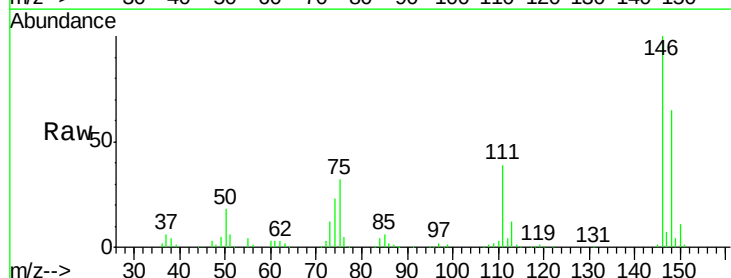
Manual Integrations
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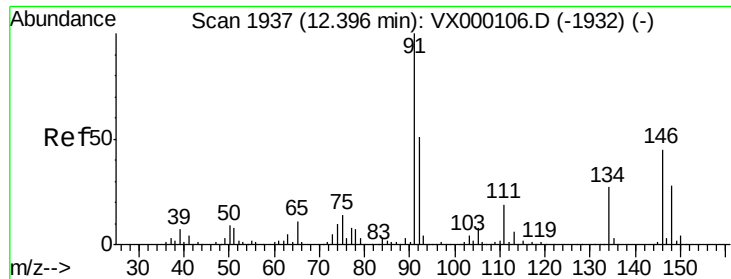
sam
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#84
 1,4-Dichlorobenzene
 Concen: 17.88 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000120.D
 Acq: 21 Feb 2018 16:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.4	55.0
148	63.4	31.9	95.7





#85

n-Butylbenzene

Concen: 18.57 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000120.D

Acq: 21 Feb 2018 16:31

Instrument :

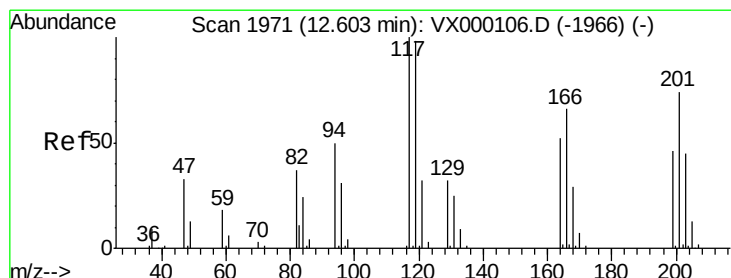
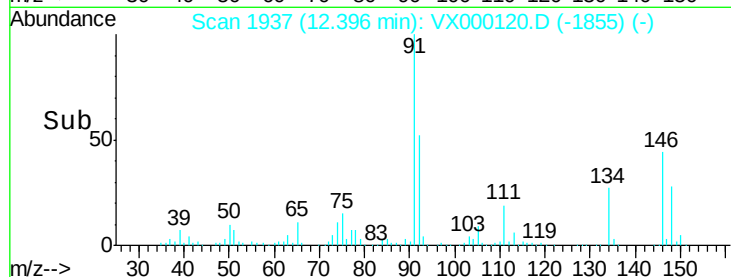
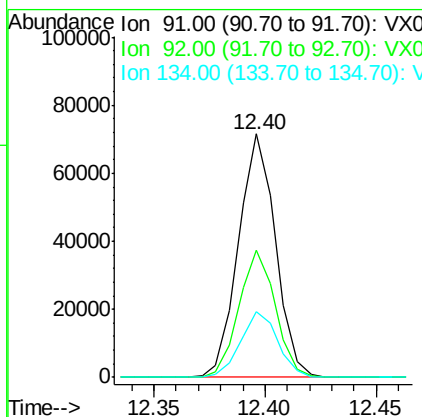
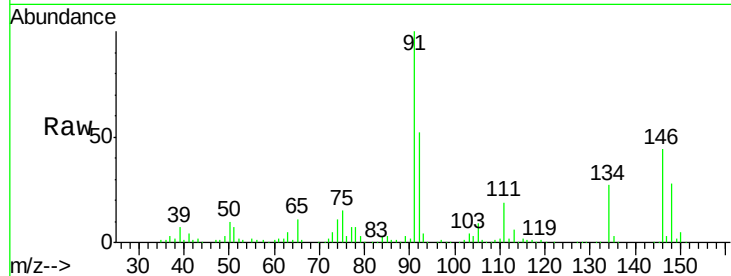
ClientSampled :

VSTDCCC020

Tot Ion:	91	Resp:	83018
Ion	Ratio	Lower	Upper
91	100		
92	51.6	0.0	102.0
134	27.1	0.0	54.2

Manual Integrations
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sam
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#86

Hexachloroethane

Concen: 17.13 ug/l

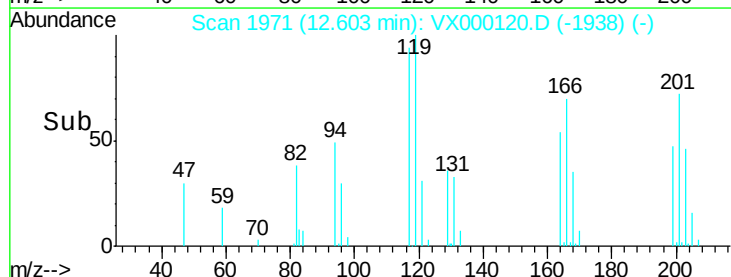
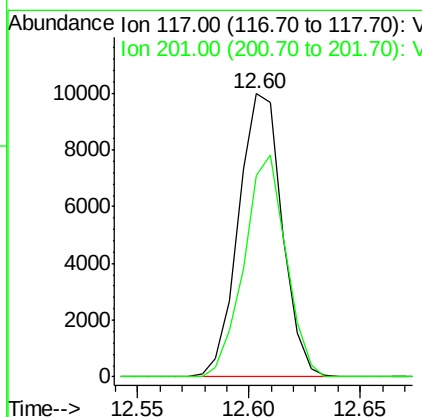
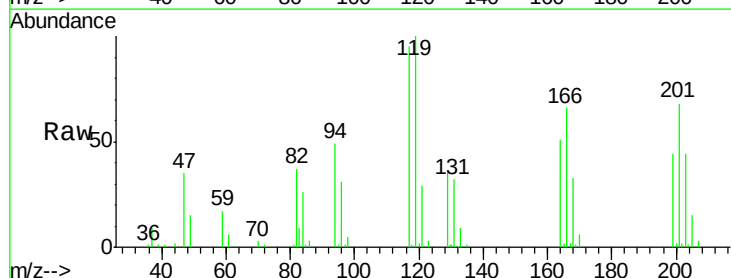
RT: 12.60 min Scan# 1971

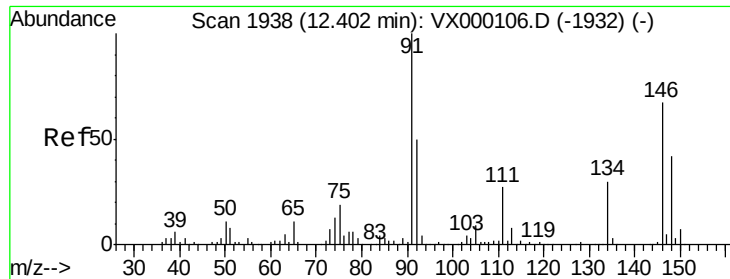
Delta R.T. 0.00 min

Lab File: VX000120.D

Acq: 21 Feb 2018 16:31

Tgt Ion:	117	Resp:	13641
Ion	Ratio	Lower	Upper
117	100		
201	75.2	38.9	116.6





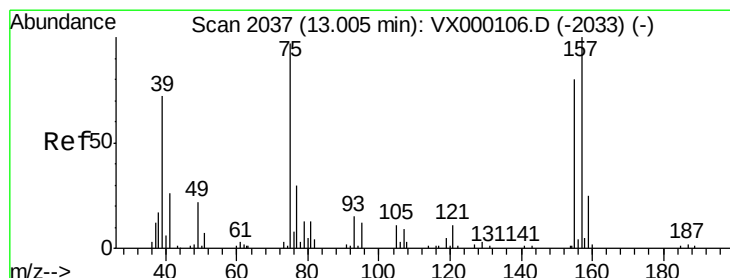
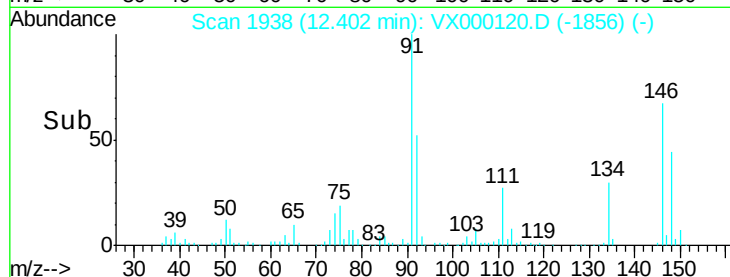
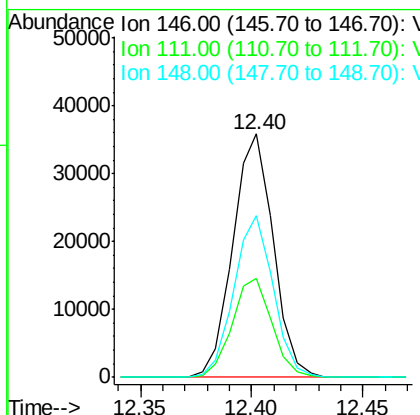
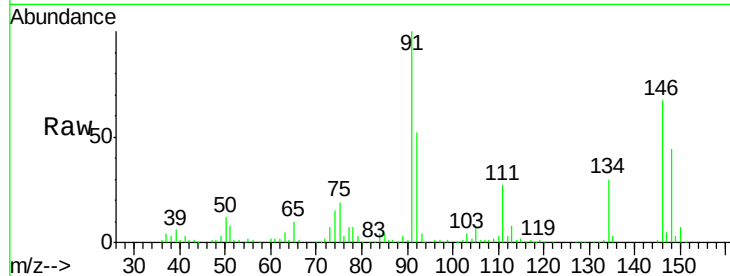
#87
 1,2-Dichlorobenzene
 Concen: 17.86 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000120.D
 Acq: 21 Feb 2018 16:31

Instrument :
 ClientSampled :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.0	60.0
148	64.5	31.6	95.0

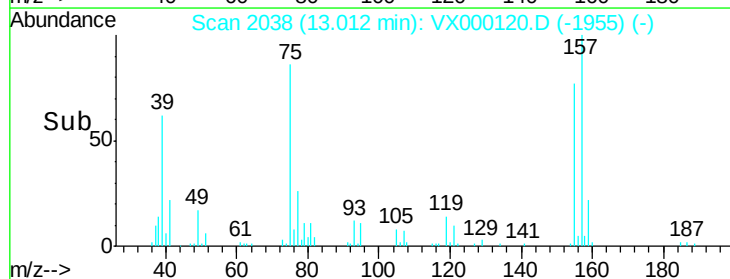
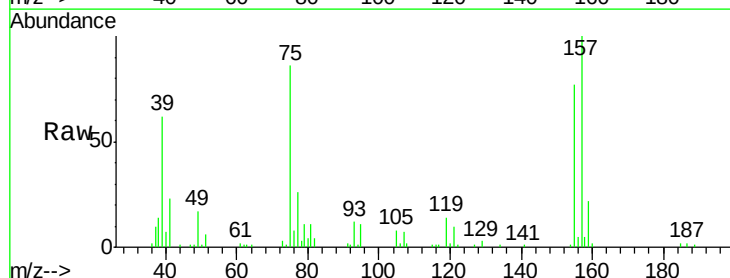
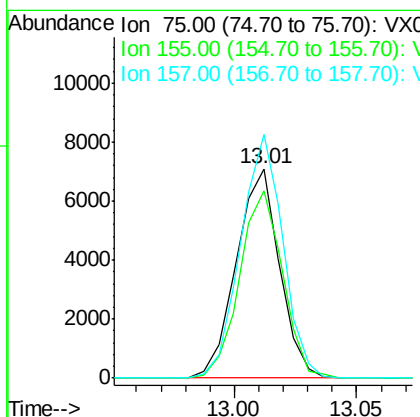
Manual Integrations
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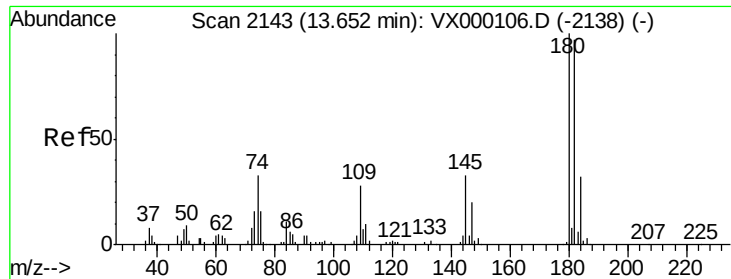
sam
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.66 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. 0.01 min
 Lab File: VX000120.D
 Acq: 21 Feb 2018 16:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.6	75.1	112.7
157	113.6	99.0	148.4





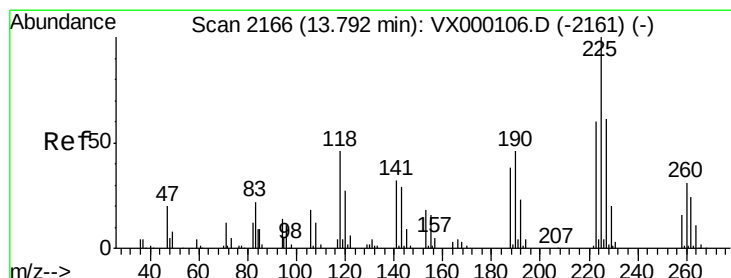
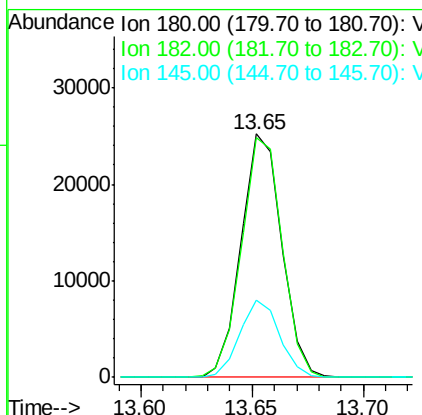
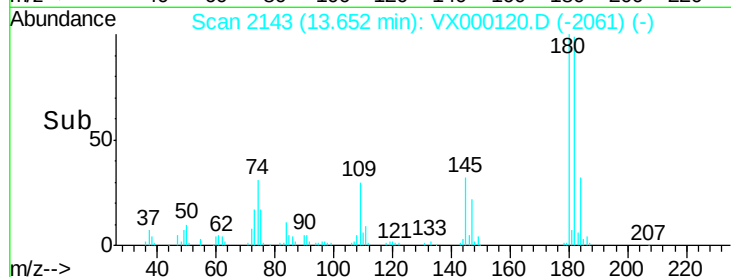
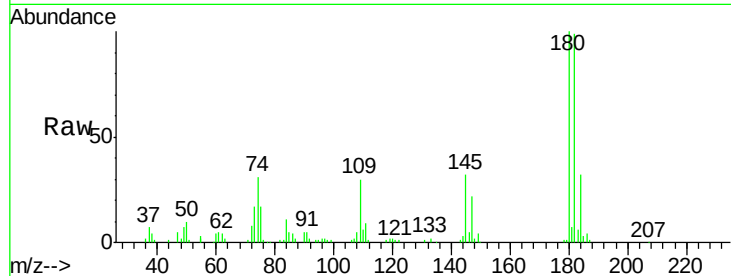
#89
 1,2,4-Trichlorobenzene
 Concen: 17.28 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000120.D
 Acq: 21 Feb 2018 16:31

Instrument :
 ClientSampled :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.6	76.3	114.5
145	31.1	24.6	37.0

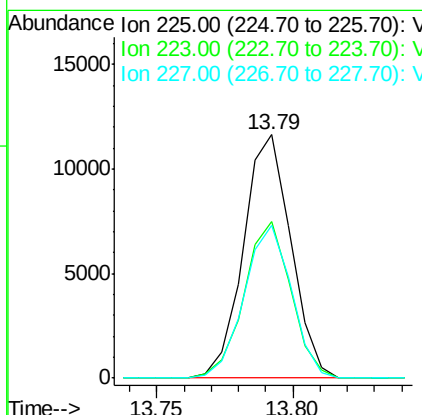
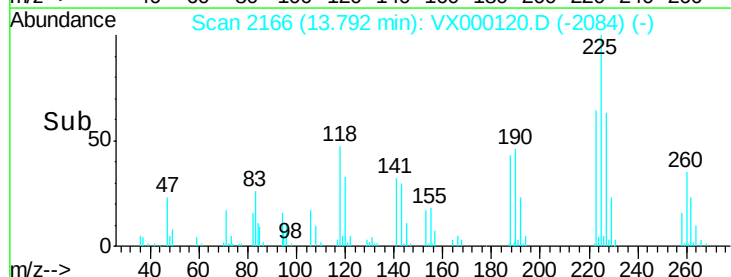
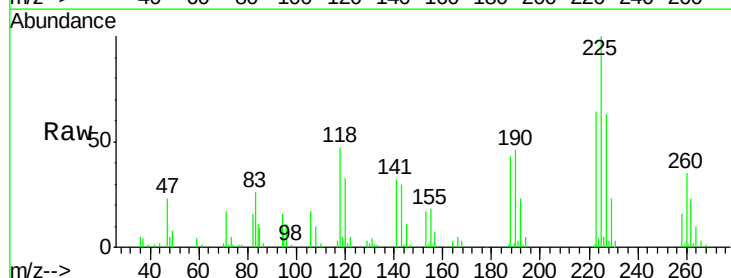
Manual Integrations
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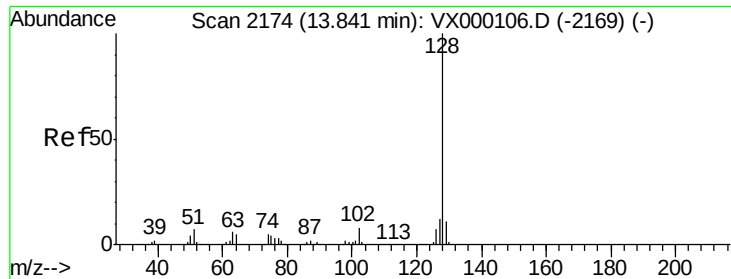
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#90
 Hexachlorobutadiene
 Concen: 17.55 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000120.D
 Acq: 21 Feb 2018 16:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	0.0	131.2
227	62.2	0.0	127.6





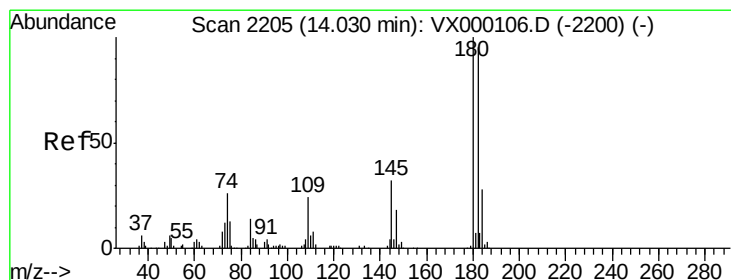
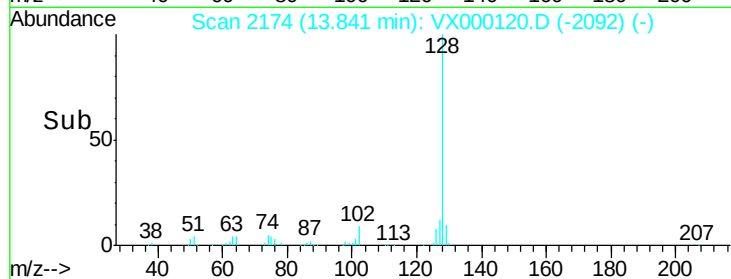
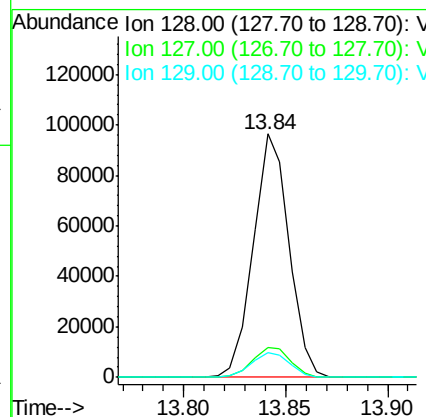
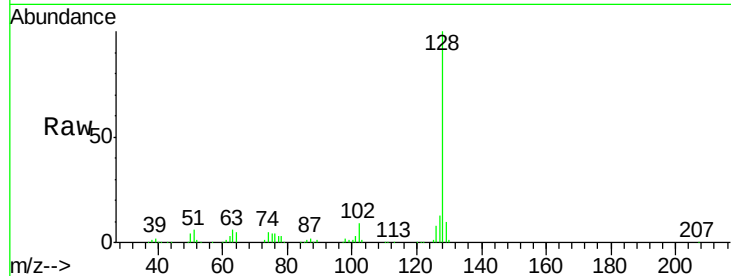
#91
Naphthalene
Concen: 18.05 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000120.D
Acq: 21 Feb 2018 16:31

Instrument :
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	10.7	9.0	13.6

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 17.77 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VX000120.D
Acq: 21 Feb 2018 16:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	0.0	188.6
145	31.9	0.0	65.8

