

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051418\
 Data File : VX001706.D
 Acq On : 14 May 2018 11:14
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020

Manual Integrations
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Quant Time: May 16 03:13:07 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X051118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 11 07:16:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	61355	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	327253	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	307403	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	128306	28.66	ug/l	-0.01
Spiked Amount	30.000	Range	50 - 169	Recovery	=	95.53%
60) 4-Bromofluorobenzene	11.14	95	139973	28.77	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	95.90%
63) Toluene-d8	8.72	98	404012	29.47	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.23%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	79502	26.59	ug/l	99
3) Chloromethane	1.32	50	77797	23.50	ug/l	99
4) Vinyl Chloride	1.41	62	80857	23.40	ug/l	98
5) Bromomethane	1.65	94	43682	25.57	ug/l	97
6) Chloroethane	1.73	64	50466	21.93	ug/l	92
7) Trichlorofluoromethane	1.93	101	124669	25.11	ug/l	100
8) Diethyl Ether	2.19	74	46937	21.80	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	76449	27.71	ug/l	98
10) 1,1-Dichloroethene	2.38	96	67315	23.71	ug/l	98
11) Methyl Iodide	2.51	142	87210	21.14	ug/l	99
12) Methyl Acetate	2.78	43	92619	19.18	ug/l	99
13) Acrolein	2.29	56	53182	97.14	ug/l	99
14) Acrylonitrile	3.15	53	186084	96.48	ug/l	99
15) Acetone	2.45	58	55364	106.85	ug/l	98
16) Carbon Disulfide	2.57	76	170409	24.23	ug/l	99
17) Allyl chloride	2.73	41	124541	22.99	ug/l	95
18) Methylene Chloride	2.86	84	74633	22.27	ug/l	95
19) trans-1,2-Dichloroethene	3.17	96	72094	23.39	ug/l	98
20) Diisopropyl ether	3.87	45	233334	23.06	ug/l	97
21) 1,1-Dichloroethane	3.70	63	131977	22.68	ug/l	98
22) cis-1,2-Dichloroethene	4.60	96	81716	23.51	ug/l	97
23) tert-Butyl Alcohol	3.06	59	77640	90.47	ug/l	# 100
24) Methyl tert-Butyl Ether	3.20	73	221682	21.49	ug/l	99
25) Chloroform	5.21	83	137001	22.85	ug/l	96
26) Cyclohexane	5.58	56	117582	27.69	ug/l	# 100
29) 1,1-Dichloropropene	5.80	75	100583	24.47	ug/l	98
30) 2-Butanone	4.70	43	257204	94.81	ug/l	100
31) 2,2-Dichloropropane	4.59	77	109395	30.95	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	121661	23.27	ug/l	99
33) Carbon Tetrachloride	5.79	117	110796	24.06	ug/l	100
34) Benzene	6.15	78	300045	22.82	ug/l	98
35) Methacrylonitrile	5.06	41	55440	18.85	ug/l	96
36) 1,2-Dichloroethane	6.20	62	111549	21.45	ug/l	99
37) Trichloroethene	7.21	130	94854	24.48	ug/l	98
38) Methylcyclohexane	7.46	83	125590	28.57	ug/l	99
39) 1,2-Dichloropropane	7.52	63	73432	22.28	ug/l	99
40) Dibromomethane	7.67	93	51390	21.76	ug/l	97

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Manual Integrations
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Quant Time: May 16 03:13:07 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X051118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 11 07:16:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	98305	22.13	ug/l	98
42) Vinyl Acetate	3.82	43	966431	108.00	ug/l	99
43) Ethyl Acetate	4.85	43	98126	18.98	ug/l	98
44) Isopropyl Acetate	6.47	43	154275	19.48	ug/l	99
45) 1,4-Dioxane	7.76	88	34739	374.17	ug/l	98
46) Methyl methacrylate	7.78	41	83098	19.43	ug/l	96
47) n-amyl Acetate	10.90	43	129496	19.15	ug/l	98
48) t-1,3-Dichloropropene	8.44	75	114686	23.39	ug/l	99
49) cis-1,3-Dichloropropene	9.04	75	103937	23.99	ug/l	98
50) 1,1,2-Trichloroethane	9.22	97	78523	22.46	ug/l	98
51) Ethyl methacrylate	9.18	69	104238	20.68	ug/l	98
52) 1,3-Dichloropropane	9.38	76	129678	22.51	ug/l	98
53) Dibromochloromethane	9.59	129	77616	21.37	ug/l	99
54) 1,2-Dibromoethane	9.68	107	77543	21.02	ug/l	99
55) 2-Chloroethyl vinyl ether	8.32	63	242121	90.34	ug/l	100
56) Bromoform	10.86	173	59889	20.17	ug/l	98
58) 4-Methyl-2-Pentanone	8.65	43	506242	91.56	ug/l	99
59) 2-Hexanone	9.50	43	386649	93.34	ug/l	100
61) Tetrachloroethene	9.34	164	114752	25.66	ug/l	100
62) Toluene	8.79	91	340013	22.99	ug/l	100
64) Chlorobenzene	10.14	112	228739	23.54	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.23	131	83890	22.85	ug/l	100
66) Ethyl Benzene	10.26	91	375014	24.44	ug/l	99
67) m/p-Xylenes	10.37	106	305161	49.80	ug/l	99
68) o-Xylene	10.70	106	143615	23.69	ug/l	99
69) Styrene	10.71	104	238587	23.85	ug/l	99
70) Isopropylbenzene	11.02	105	369778	23.68	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	98221	18.75	ug/l	100
72) 1,2,3-Trichloropropane	11.30	75	99731m	19.65	ug/l	
73) Bromobenzene	11.26	156	103552	21.88	ug/l	99
74) n-propylbenzene	11.37	91	426270	24.79	ug/l	100
75) 2-Chlorotoluene	11.43	91	248743	23.07	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	309947	23.58	ug/l	99
77) t-1,4-Dichloro-2-butene	11.08	75	27321	20.93	ug/l	91
78) 4-Chlorotoluene	11.51	91	290084	23.66	ug/l	100
79) tert-butylbenzene	12.07	119	357086	25.68	ug/l	99
80) 1,2,4-Trimethylbenzene	11.81	105	319057	23.78	ug/l	100
81) sec-Butylbenzene	11.95	105	380586	25.00	ug/l	100
82) p-Isopropyltoluene	12.07	119	357086	25.68	ug/l	99
83) 1,3-Dichlorobenzene	12.03	146	193327	23.42	ug/l	100
84) 1,4-Dichlorobenzene	12.10	146	197448	23.80	ug/l	98
85) n-Butylbenzene	12.39	91	295020	26.68	ug/l	99
86) Hexachloroethane	12.60	117	51518	23.35	ug/l	99
87) 1,2-Dichlorobenzene	12.40	146	191107	22.33	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	13.01	75	21201	17.37	ug/l	97
89) 1,2,4-Trichlorobenzene	13.65	180	149338	24.56	ug/l	100
90) Hexachlorobutadiene	13.79	225	82364	26.47	ug/l	98
91) Naphthalene	13.84	128	376556	20.68	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	150818	23.45	ug/l	99

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VSTDCCC020

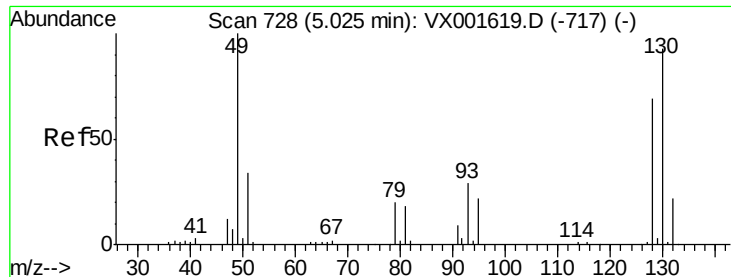
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Quant Time: May 16 03:13:07 2018
Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X051118W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 11 07:16:13 2018
Response via : Initial Calibration

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



#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX001706.D

Acq: 14 May 2018 11:14

Instrument :

MSVOA_X

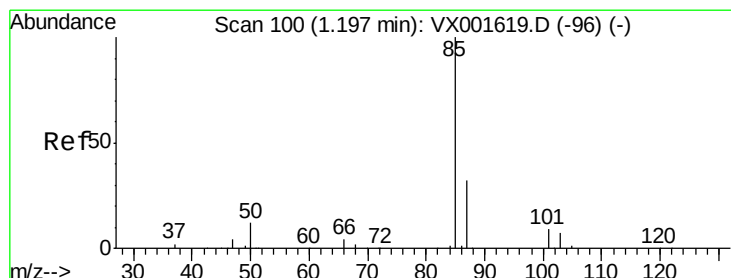
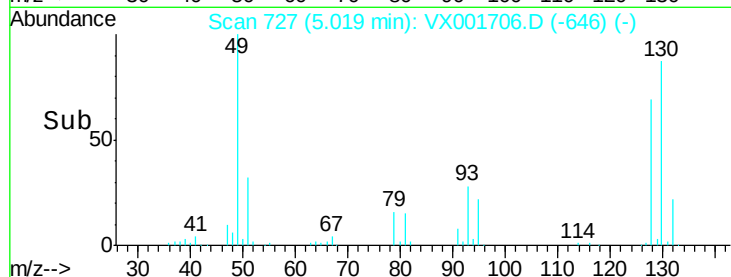
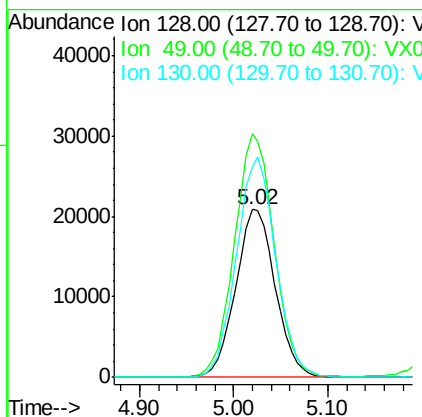
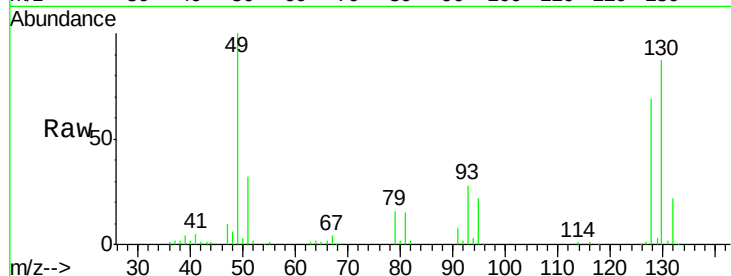
ClientSampleId :

VSTDCCC020

Tot Ion:	128	Resp:	61355
Ion	Ratio	Lower	Upper
128	100		
49	146.0	0.0	372.0
130	130.7	0.0	326.5

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#2

Dichlorodifluoromethane

Concen: 26.59 ug/l

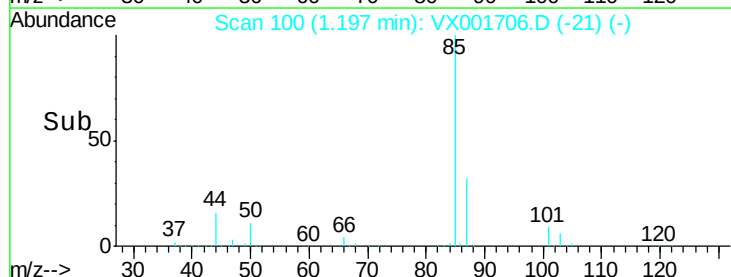
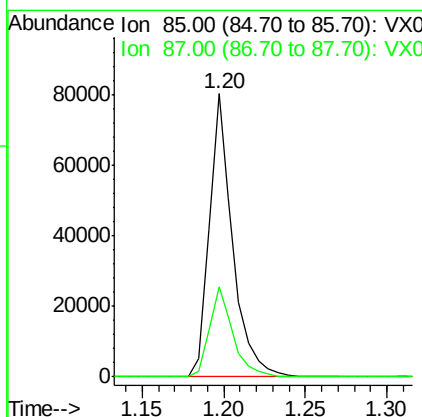
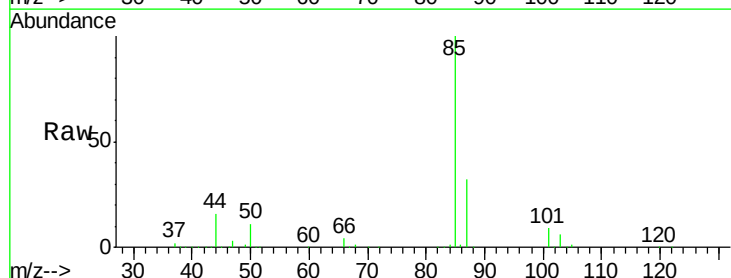
RT: 1.20 min Scan# 100

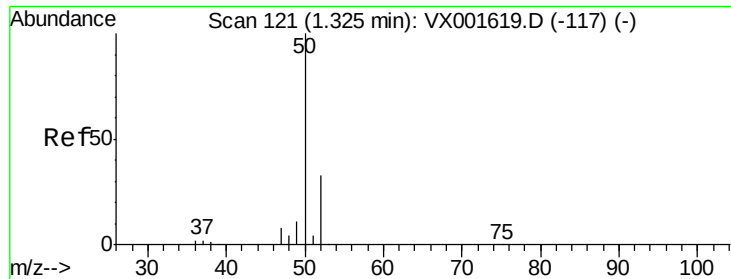
Delta R.T. 0.00 min

Lab File: VX001706.D

Acq: 14 May 2018 11:14

Tgt Ion:	85	Resp:	79502
Ion	Ratio	Lower	Upper
85	100		
87	31.8	16.3	48.8





#3

Chloromethane

Concen: 23.50 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001706.D

Acq: 14 May 2018 11:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 50 Resp: 77797

Ion Ratio Lower Upper

50 100

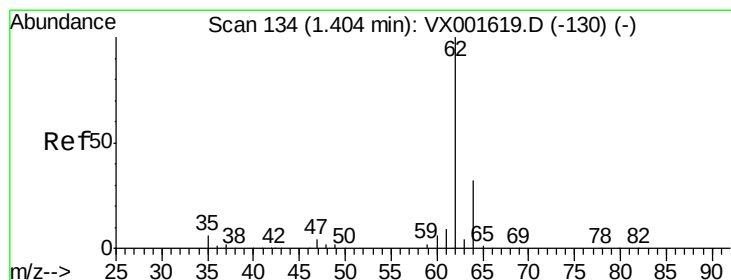
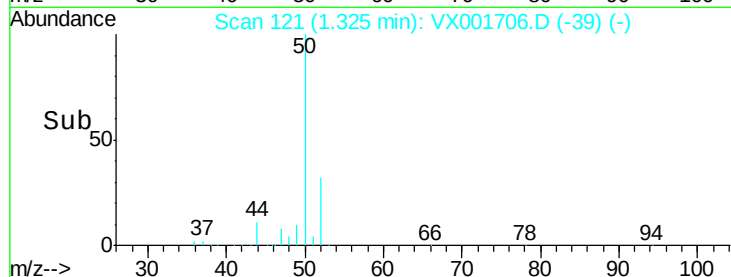
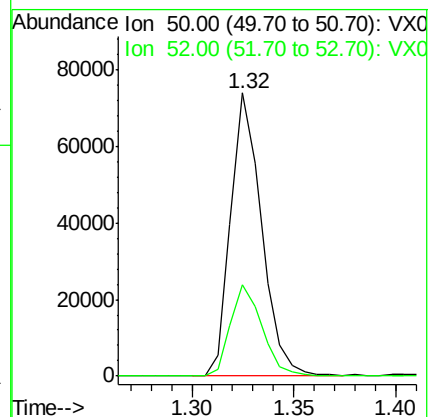
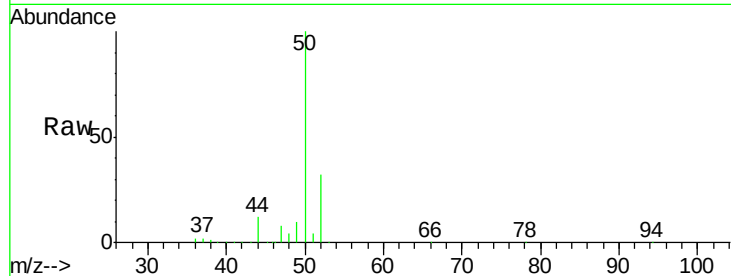
52 32.2 26.4 39.6

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#4

Vinyl Chloride

Concen: 23.40 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX001706.D

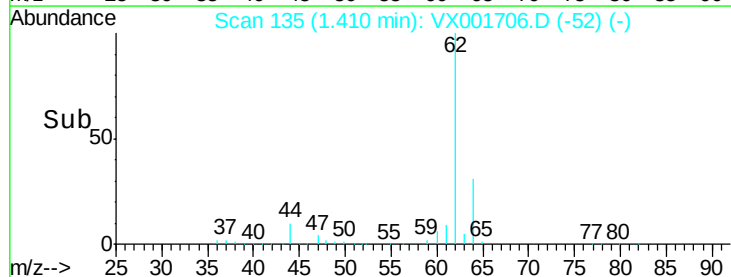
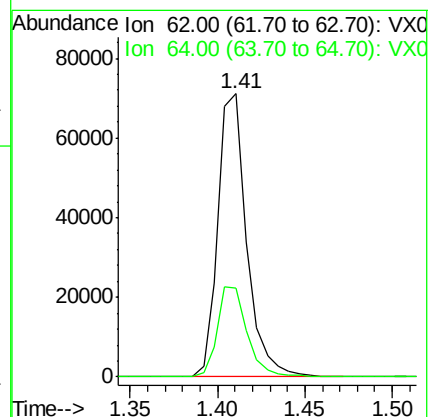
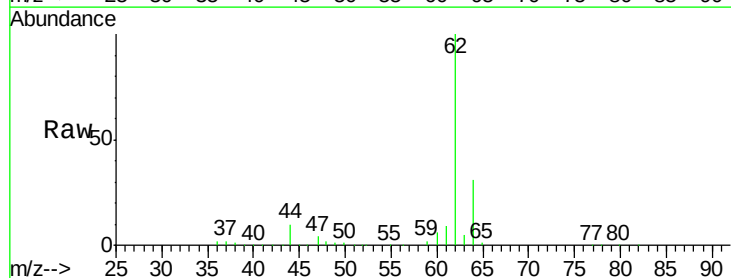
Acq: 14 May 2018 11:14

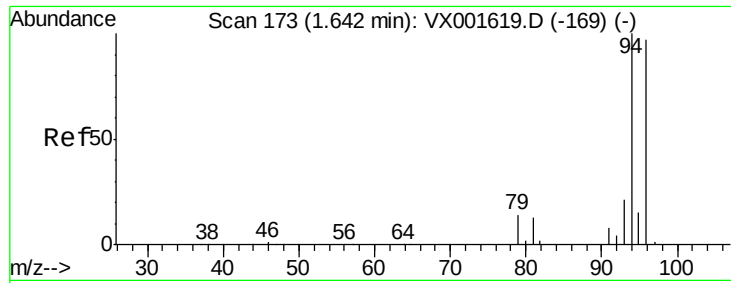
Tgt Ion: 62 Resp: 80857

Ion Ratio Lower Upper

62 100

64 31.3 25.9 38.9





#5

Bromomethane

Concen: 25.57 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX001706.D

Acq: 14 May 2018 11:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 94 Resp: 43682

Ion Ratio Lower Upper

94 100

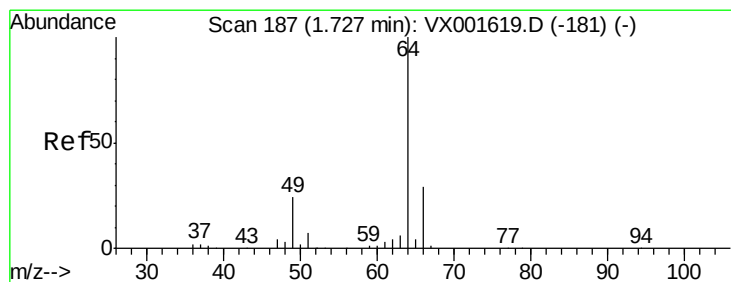
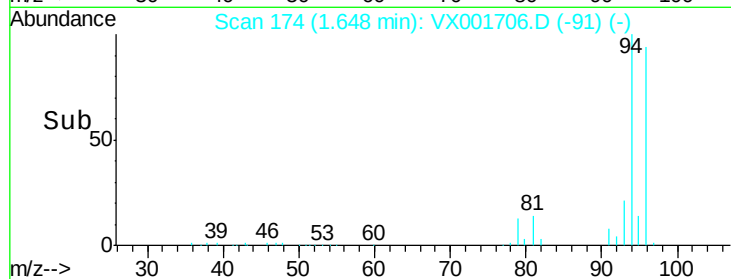
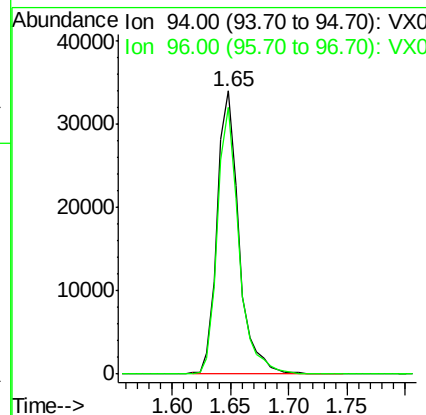
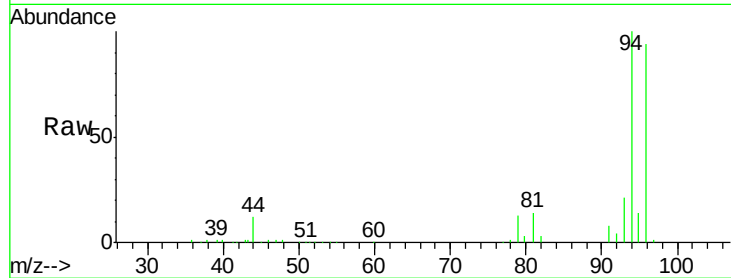
96 94.3 77.8 116.8

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#6

Chloroethane

Concen: 21.93 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX001706.D

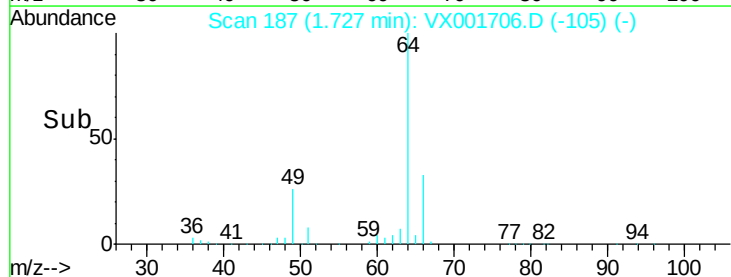
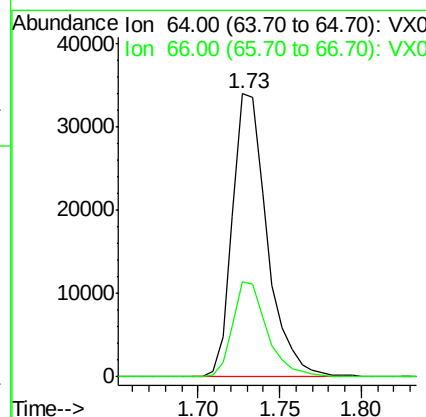
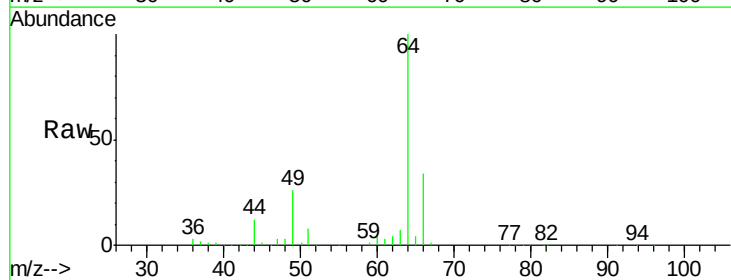
Acq: 14 May 2018 11:14

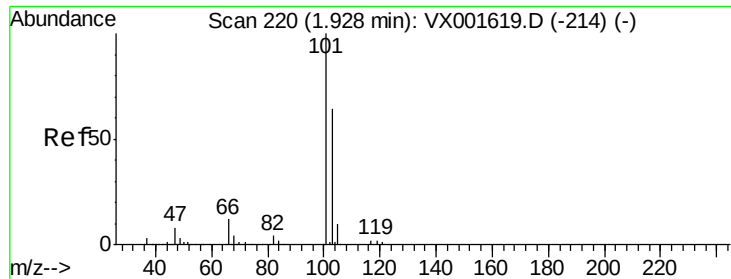
Tgt Ion: 64 Resp: 50466

Ion Ratio Lower Upper

64 100

66 33.6 23.4 35.2





#7

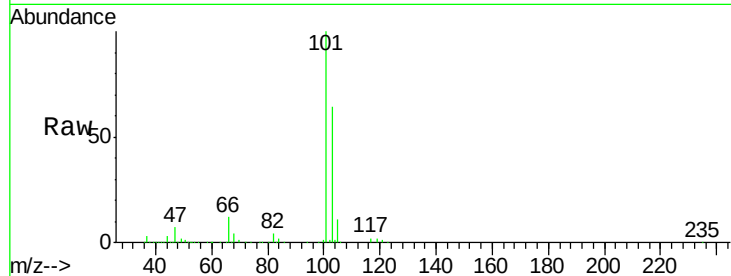
Trichlorofluoromethane
 Concen: 25.11 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX001706.D
 Acq: 14 May 2018 11:14

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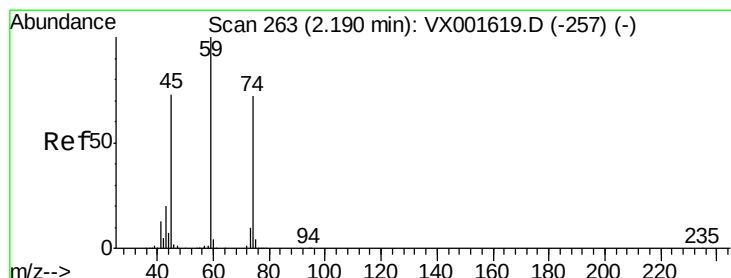
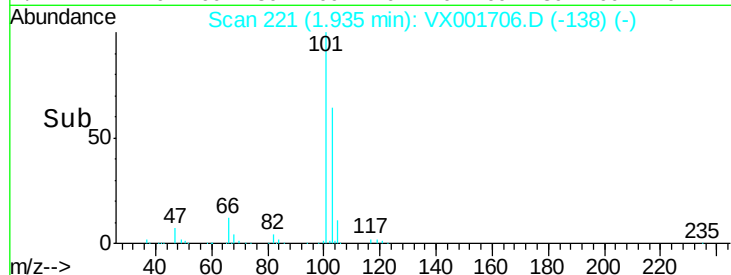
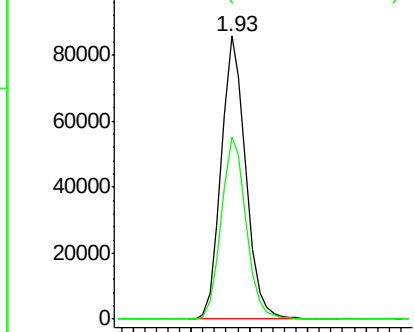
Tot Ion	Ratio	Resp	Lower	Upper
101	100	124669		
103	64.5	51.4	77.0	

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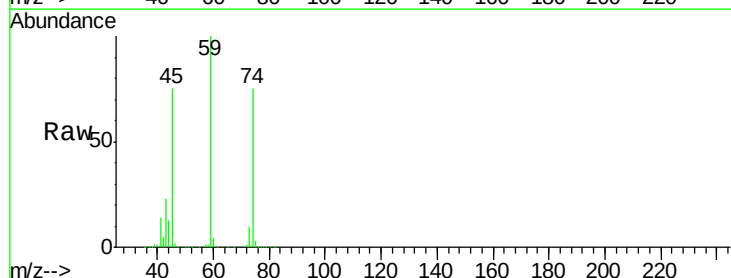
Abundance Ion 101.00 (100.70 to 101.70): V
 Ion 103.00 (102.70 to 103.70): V



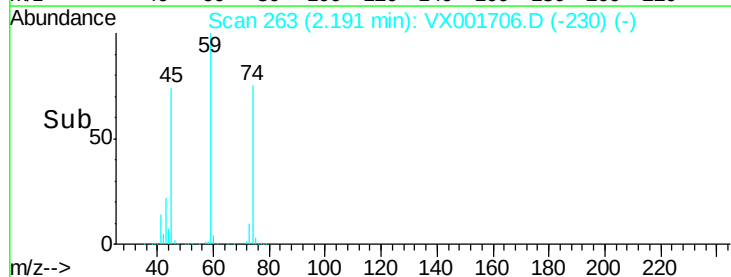
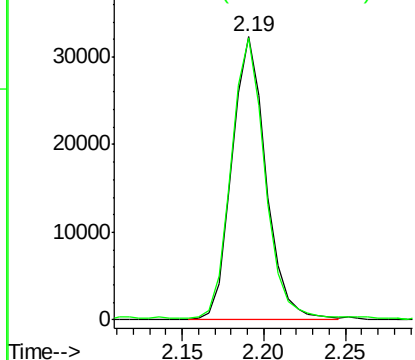
#8

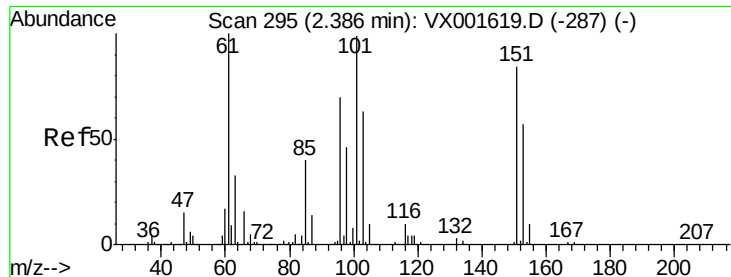
Diethyl Ether
 Concen: 21.80 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001706.D
 Acq: 14 May 2018 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	46937		
45	98.0	19.4	174.2	



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 27.71 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX001706.D

Acq: 14 May 2018 11:14

Instrument :

MSVOA_X

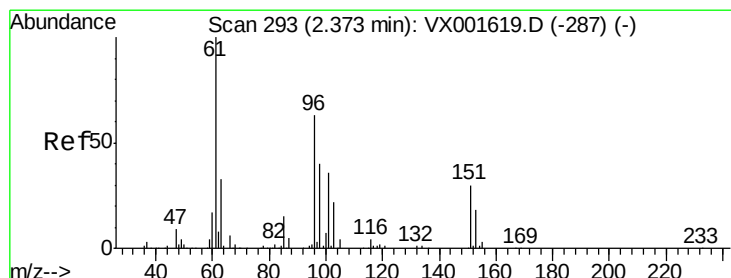
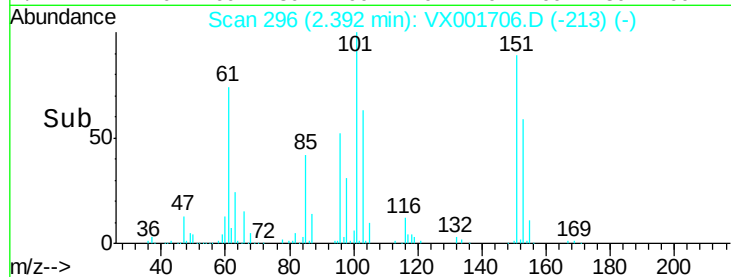
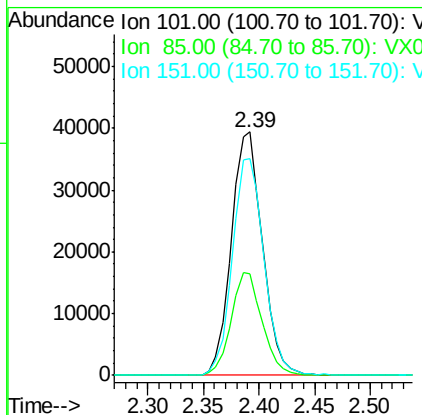
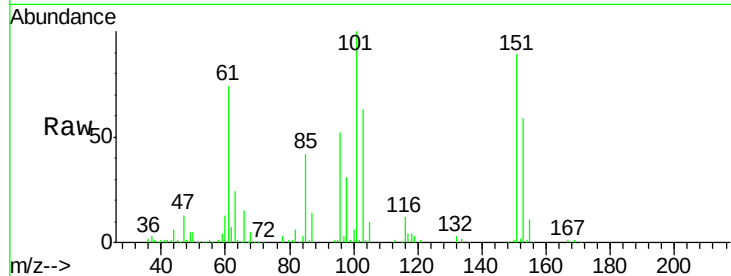
ClientSampled :

VSTDCCC020

Tot Ion:	101	Resp:	76449
Ion Ratio	Lower	Upper	
101	100		
85	41.9	0.0	84.0
151	90.3	0.0	176.4

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#10

1,1-Dichloroethene

Concen: 23.71 ug/l

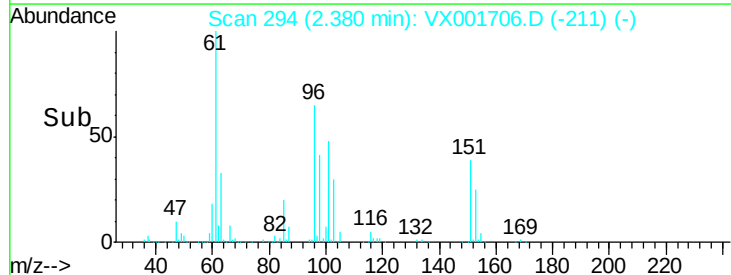
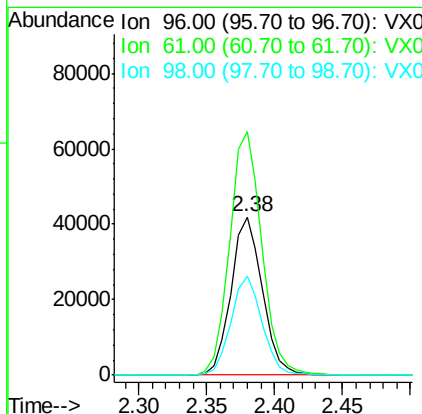
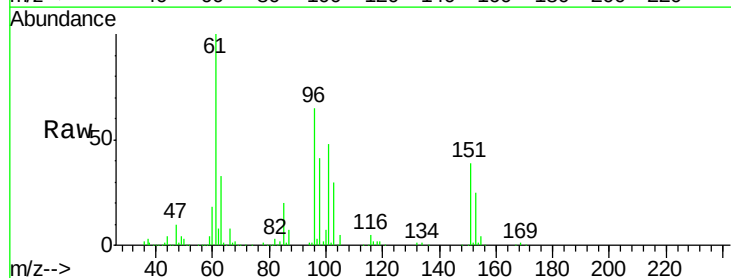
RT: 2.38 min Scan# 294

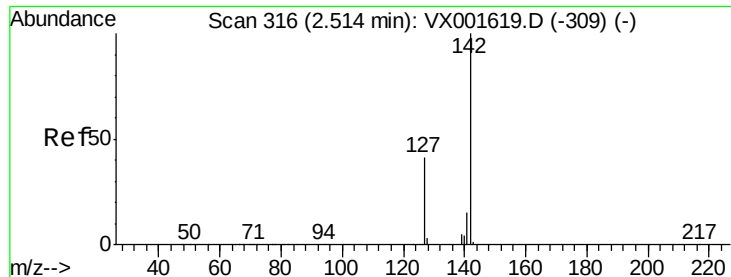
Delta R.T. 0.01 min

Lab File: VX001706.D

Acq: 14 May 2018 11:14

Tgt Ion:	96	Resp:	67315
Ion Ratio	Lower	Upper	
96	100		
61	153.8	126.5	189.7
98	62.9	50.6	75.8





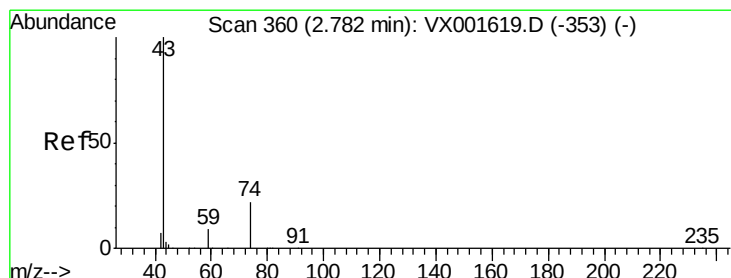
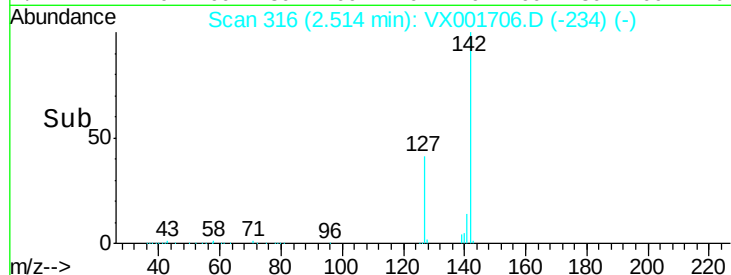
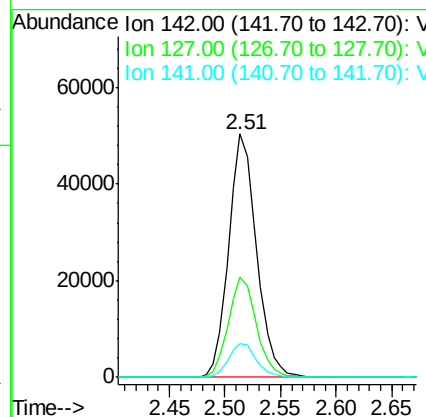
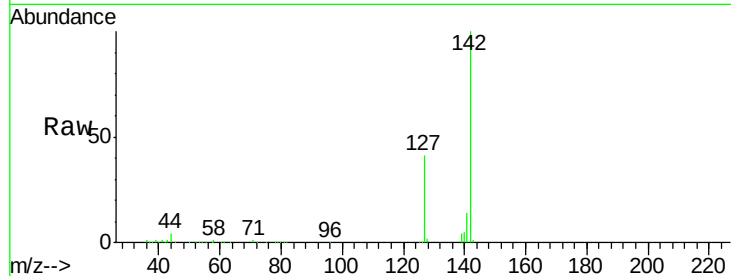
#11
Methyl Iodide
Concen: 21.14 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX001706.D
Acq: 14 May 2018 11:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
142	100		
127	41.3	20.7	62.1
141	13.8	7.4	22.3

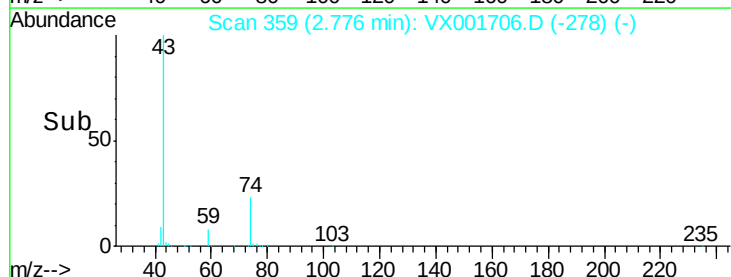
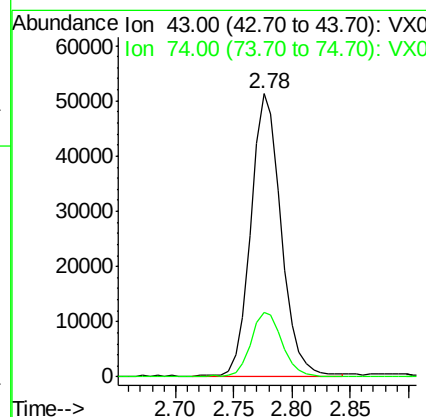
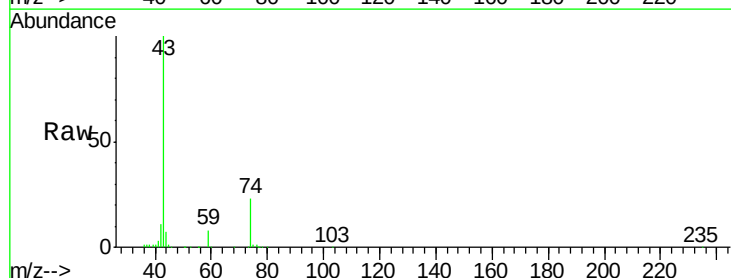
Manual Integrations
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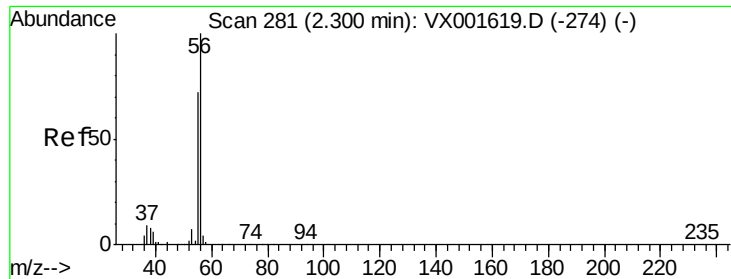
apatel
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#12
Methyl Acetate
Concen: 19.18 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX001706.D
Acq: 14 May 2018 11:14

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.0	18.0	27.0





#13

Acrolein

Concen: 97.14 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001706.D

Acq: 14 May 2018 11:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 56 Resp: 53182

Ion Ratio Lower Upper

56 100

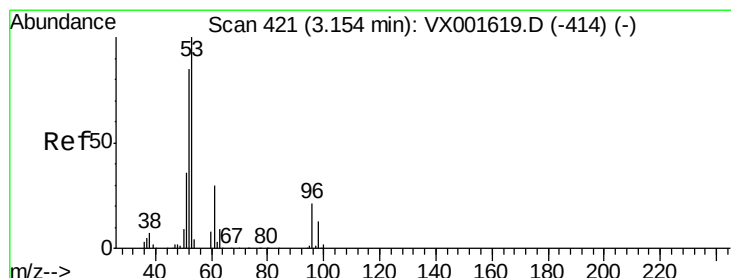
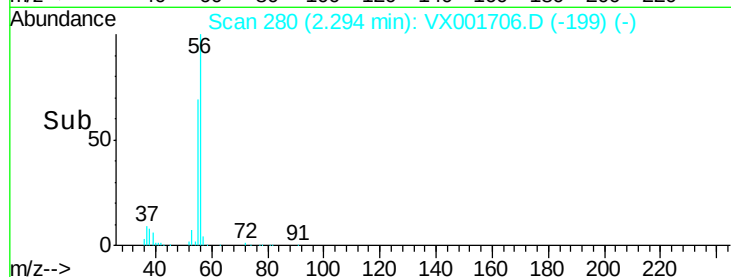
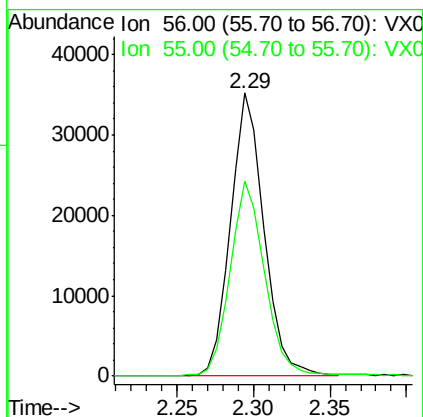
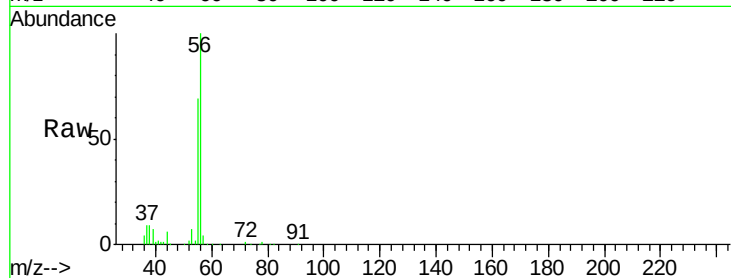
55 71.6 56.9 85.3

Manual Integrations

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#14

Acrylonitrile

Concen: 96.48 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX001706.D

Acq: 14 May 2018 11:14

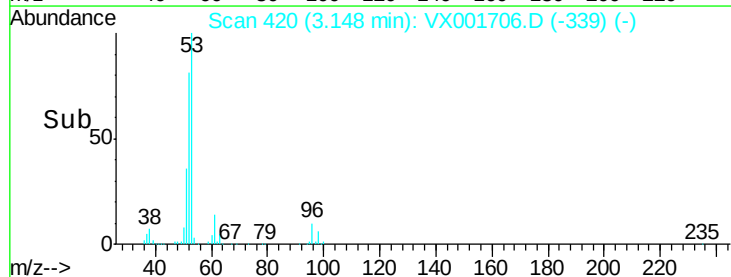
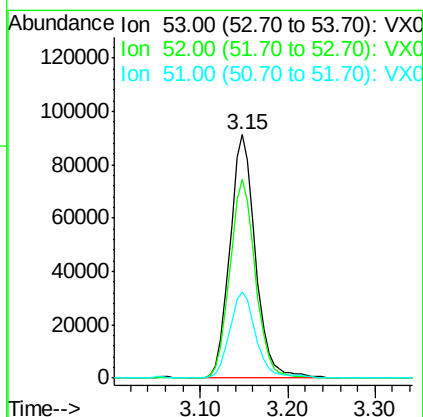
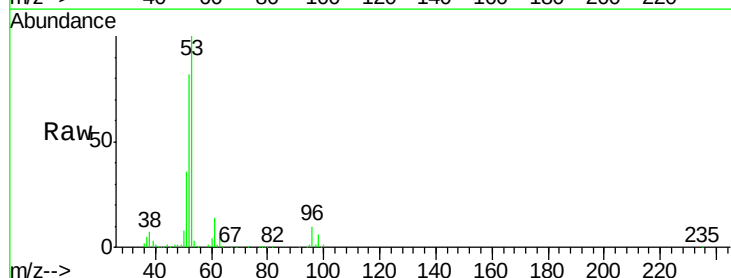
Tgt Ion: 53 Resp: 186084

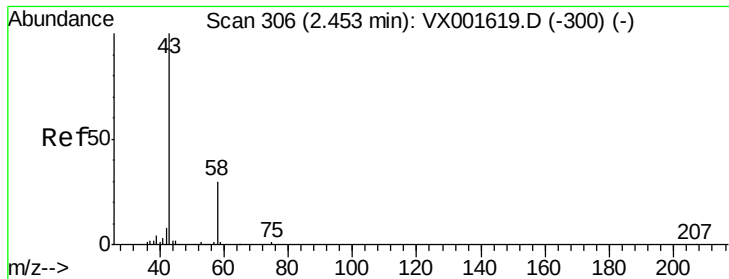
Ion Ratio Lower Upper

53 100

52 80.9 41.3 123.9

51 36.3 18.1 54.3





#15

Acetone

Concen: 106.85 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001706.D

Acq: 14 May 2018 11:14

Tot Ion: 58 Resp: 55364

Ion Ratio Lower Upper

58 100

43 326.1 264.2 396.2

Instrument :

MSVOA_X

ClientSampled :

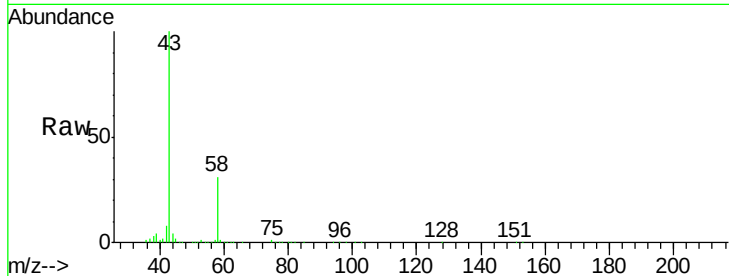
VSTDCCC020

Manual Integrations

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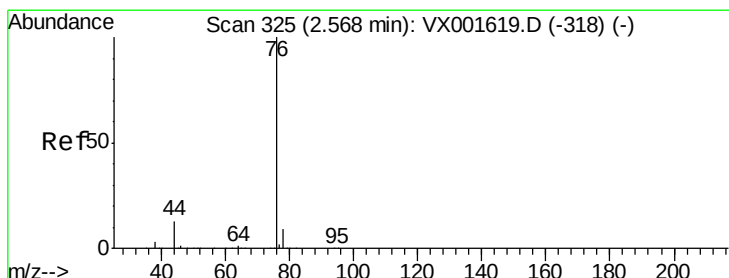
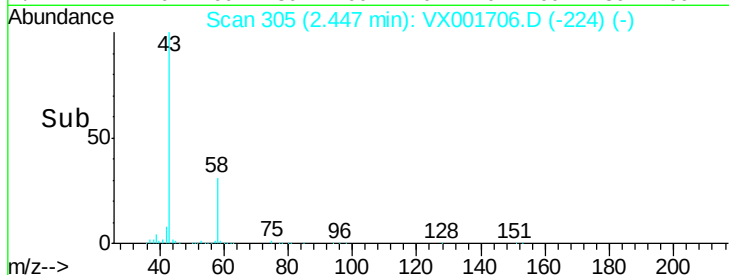
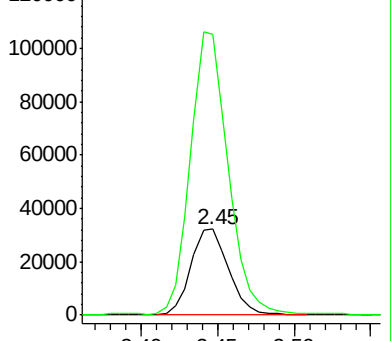
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Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 24.23 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX001706.D

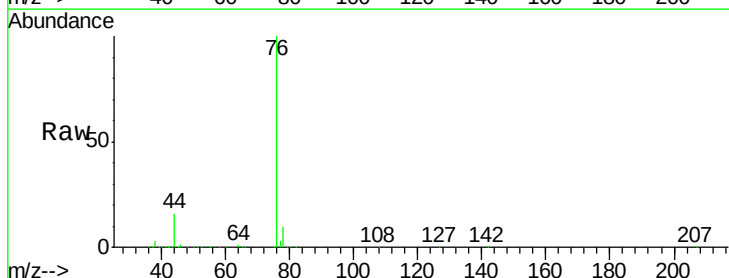
Acq: 14 May 2018 11:14

Tgt Ion: 76 Resp: 170409

Ion Ratio Lower Upper

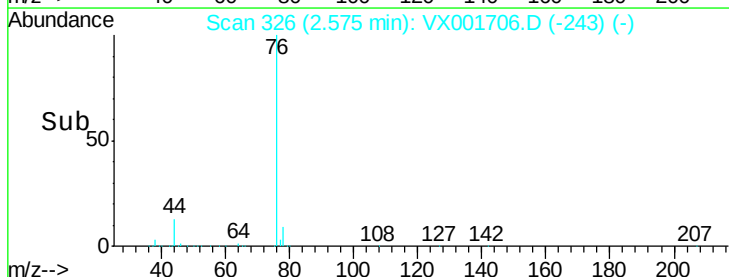
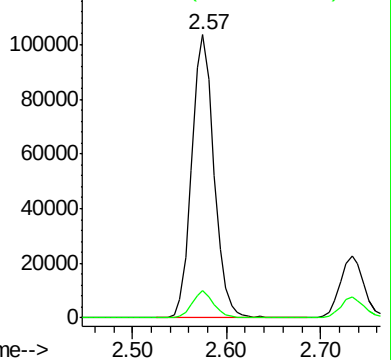
76 100

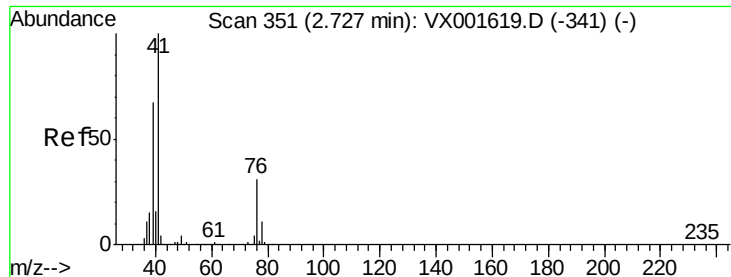
78 9.4 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#17

Allvl chloride

Concen: 22.99 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX001706.D

Acq: 14 May 2018 11:14

Instrument :

MSVOA_X

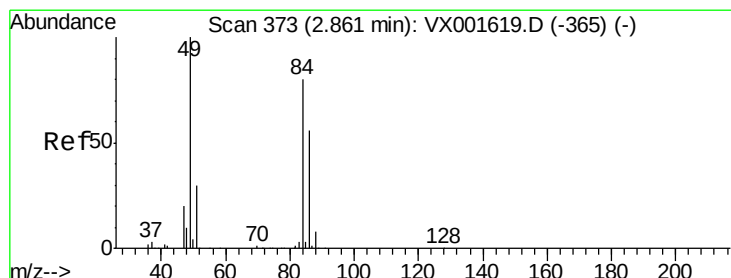
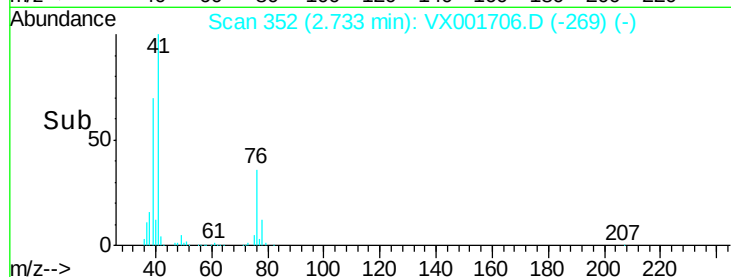
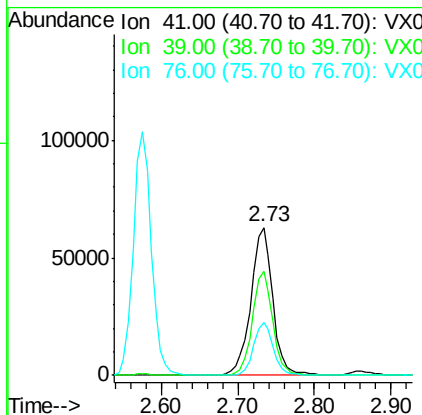
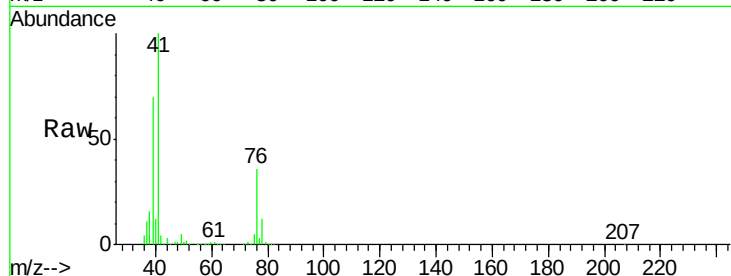
ClientSampled :

VSTDCCC020

Tot Ion:	41	Resp:	124541
Ion	Ratio	Lower	Upper
41	100		
39	70.2	33.7	101.1
76	35.6	15.4	46.4

Manual Integrations
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#18

Methylene Chloride

Concen: 22.27 ug/l

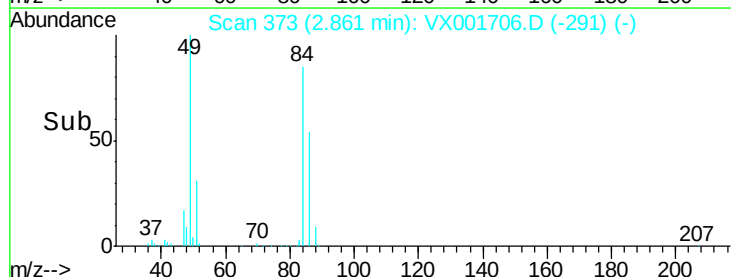
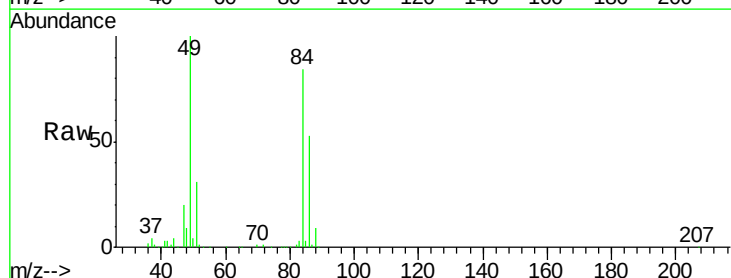
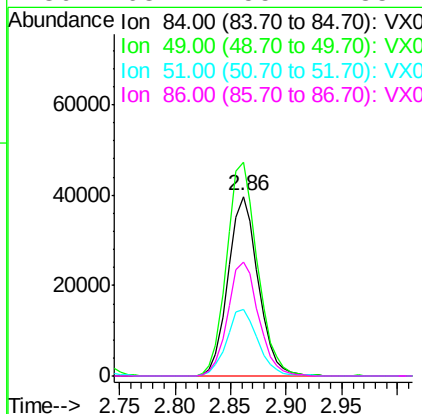
RT: 2.86 min Scan# 373

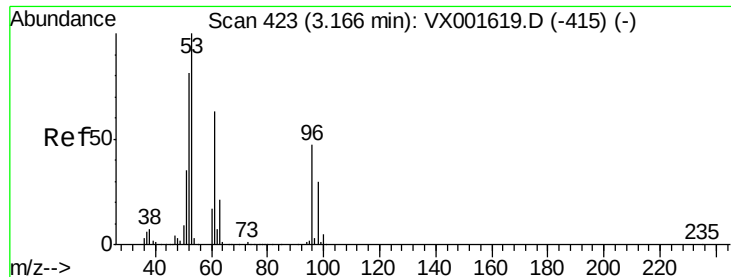
Delta R.T. 0.00 min

Lab File: VX001706.D

Acq: 14 May 2018 11:14

Tgt Ion:	84	Resp:	74633
Ion	Ratio	Lower	Upper
84	100		
49	119.2	99.5	149.3
51	36.7	30.1	45.1
86	63.7	55.4	83.2





#19

trans-1,2-Dichloroethene

Concen: 23.39 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001706.D

Acq: 14 May 2018 11:14

Instrument :

MSVOA_X

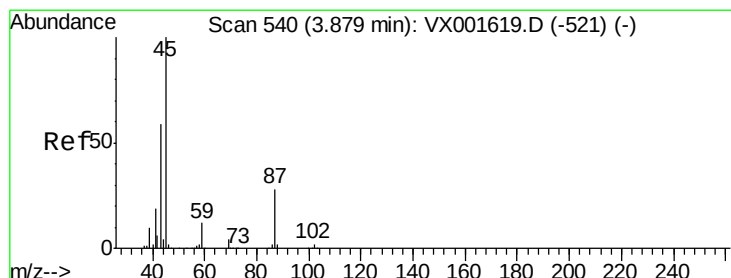
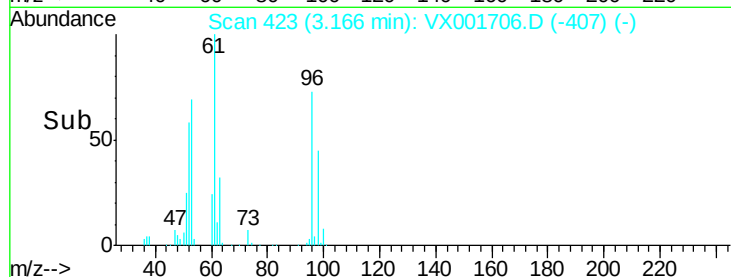
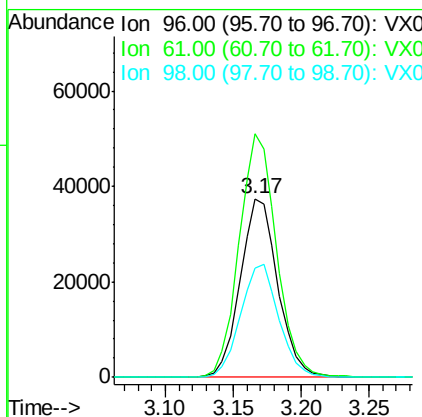
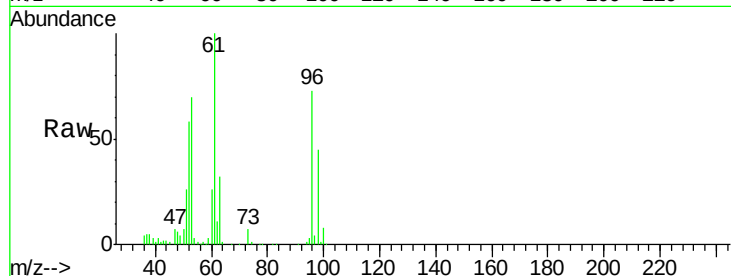
ClientSampleId :

VSTDCCC020

Tot Ion:	96	Resp:	72094
Ion	Ratio	Lower	Upper
96	100		
61	136.5	107.7	161.5
98	61.2	51.6	77.4

Manual Integrations
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#20

Diisopropyl ether

Concen: 23.06 ug/l

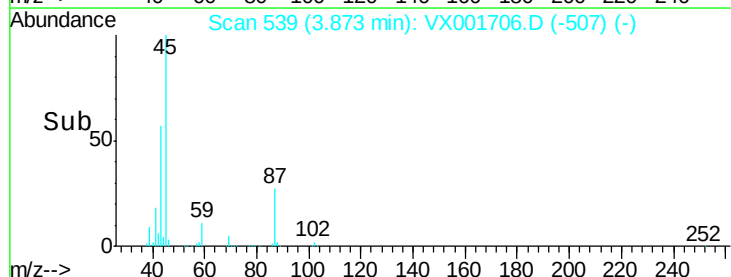
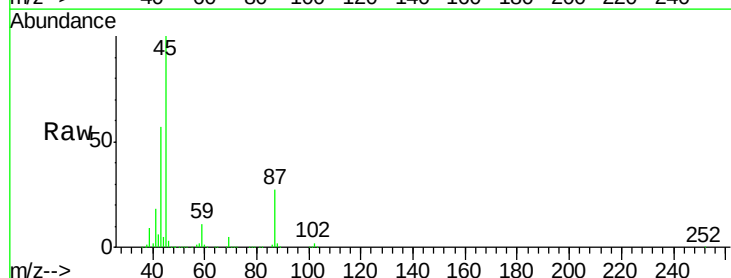
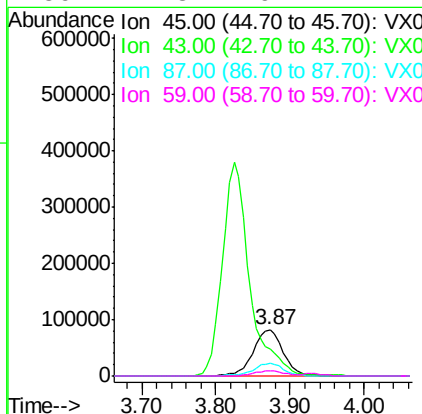
RT: 3.87 min Scan# 539

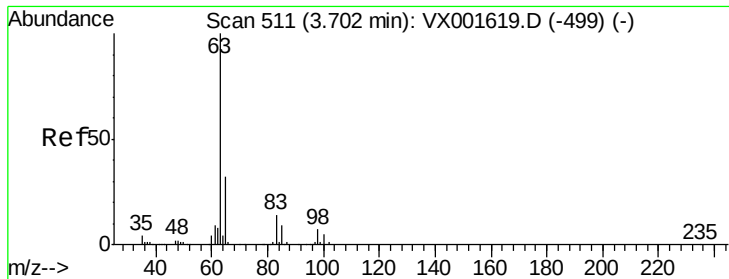
Delta R.T. -0.01 min

Lab File: VX001706.D

Acq: 14 May 2018 11:14

Tgt Ion:	45	Resp:	233334
Ion	Ratio	Lower	Upper
45	100		
43	56.8	47.5	71.3
87	27.1	22.2	33.4
59	11.3	9.4	14.2





#21

1,1-Dichloroethane

Concen: 22.68 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001706.D

Acq: 14 May 2018 11:14

Instrument :

MSVOA_X

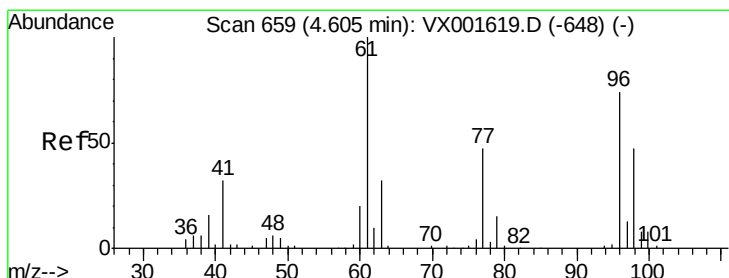
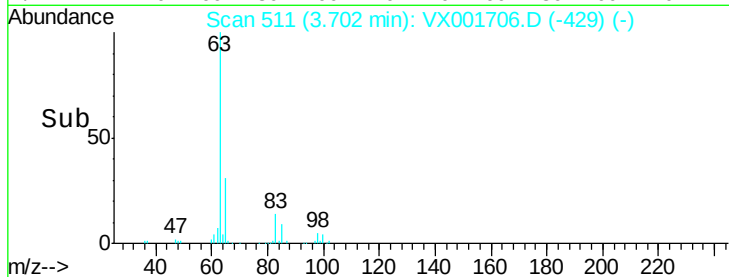
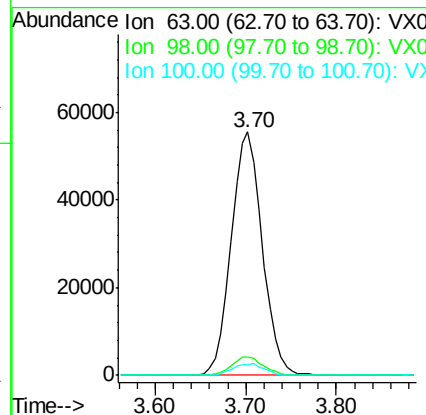
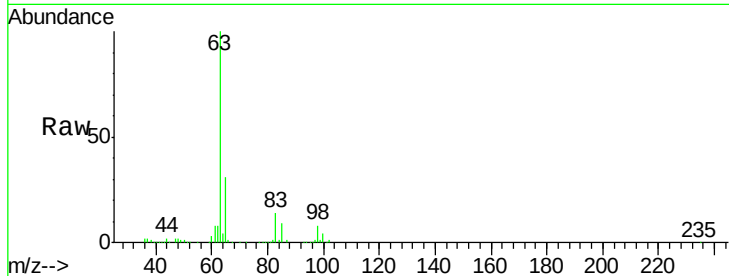
ClientSampled :

VSTDCCC020

Tot Ion:	63	Resp:	131977
Ion Ratio	Lower	Upper	
63	100		
98	7.8	3.5	10.5
100	4.4	2.5	7.4

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 23.51 ug/l

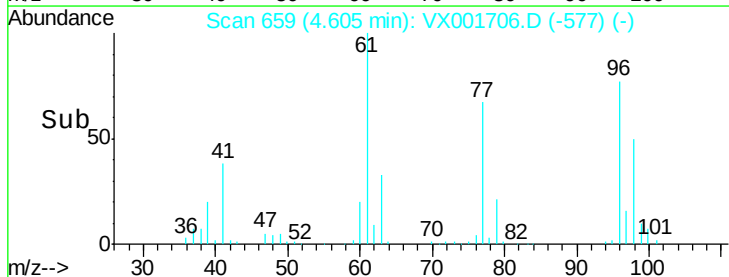
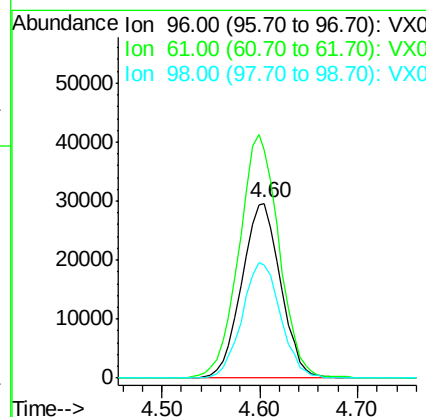
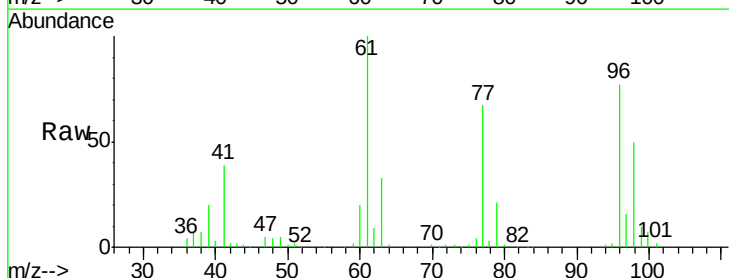
RT: 4.60 min Scan# 659

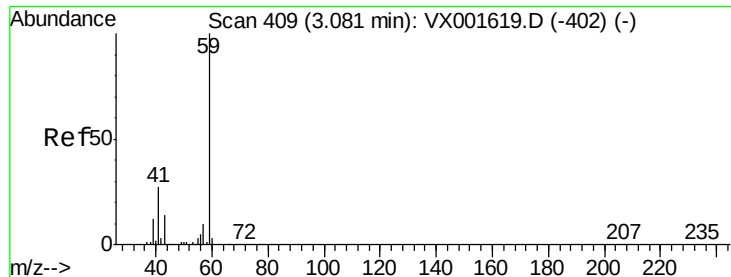
Delta R.T. 0.00 min

Lab File: VX001706.D

Acq: 14 May 2018 11:14

Tgt Ion:	96	Resp:	81716
Ion Ratio	Lower	Upper	
96	100		
61	143.1	117.3	175.9
98	65.5	51.2	76.8





#23

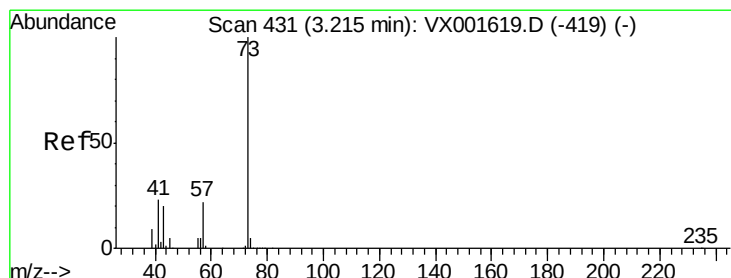
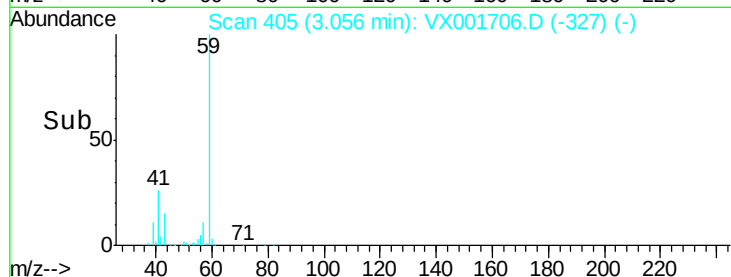
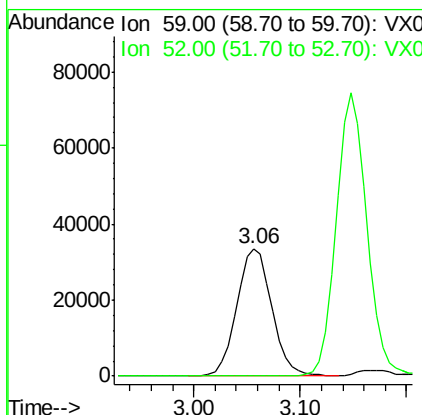
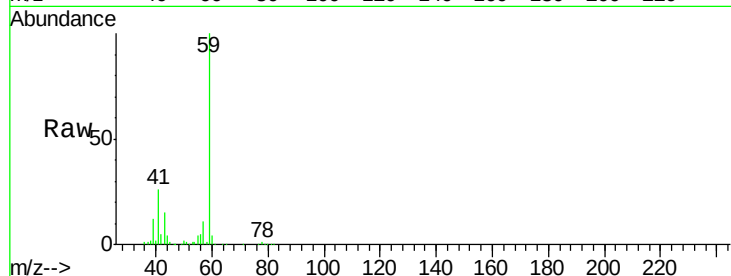
tert-Butyl Alcohol
 Concen: 90.47 ug/l
 RT: 3.06 min Scan# 405
 Delta R.T. -0.02 min
 Lab File: VX001706.D
 Acq: 14 May 2018 11:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	59	Ratio	Lower	Upper
59	100			
52	0.3	0.2	0.2	0.2

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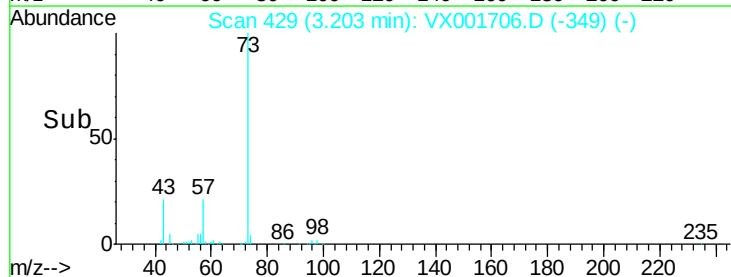
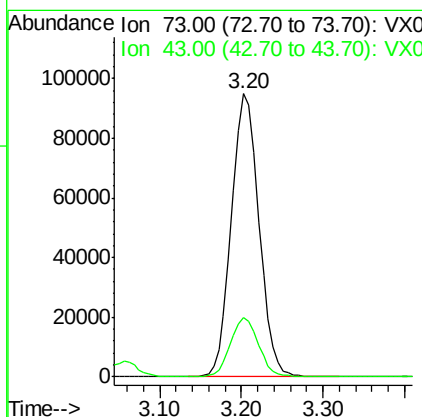
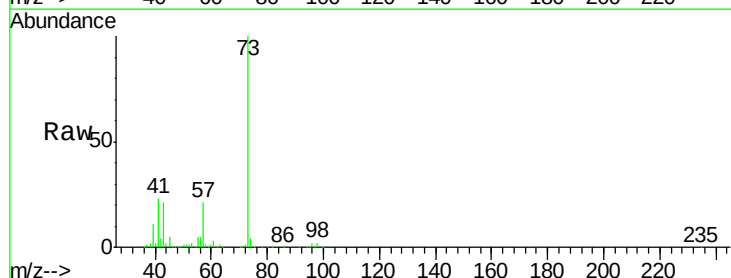
apatel
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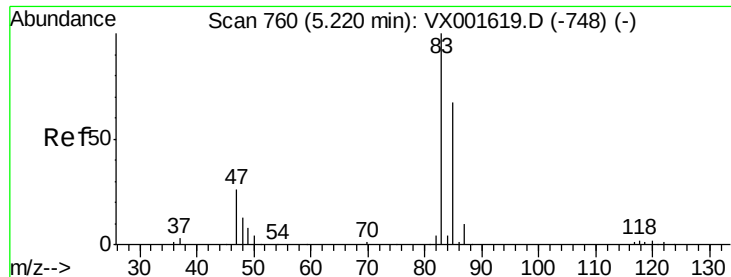


#24

Methyl tert-Butyl Ether
 Concen: 21.49 ug/l
 RT: 3.20 min Scan# 429
 Delta R.T. -0.01 min
 Lab File: VX001706.D
 Acq: 14 May 2018 11:14

Tgt Ion	73	Ratio	Lower	Upper
73	100			
43	21.0	16.3	24.5	





#25

Chloroform

Concen: 22.85 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX001706.D

Acq: 14 May 2018 11:14

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

Tot Ion: 83 Resp: 137001

Ion Ratio Lower Upper

83 100

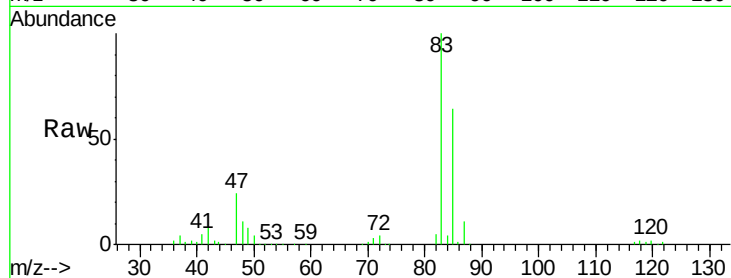
85 64.2 53.9 80.9

Manual Integrations

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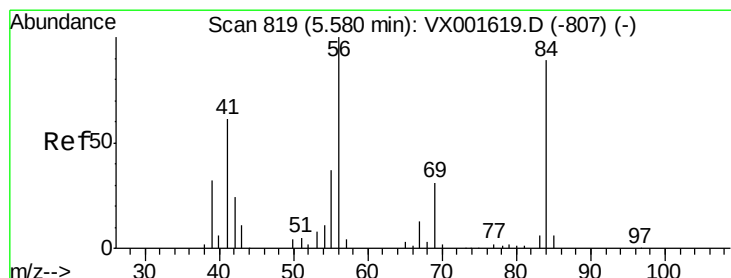
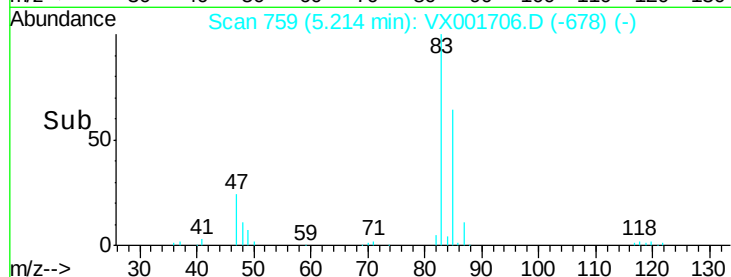
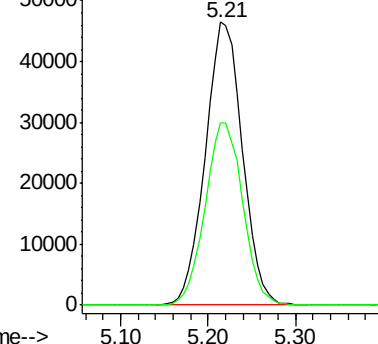
apatel

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Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 27.69 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001706.D

Acq: 14 May 2018 11:14

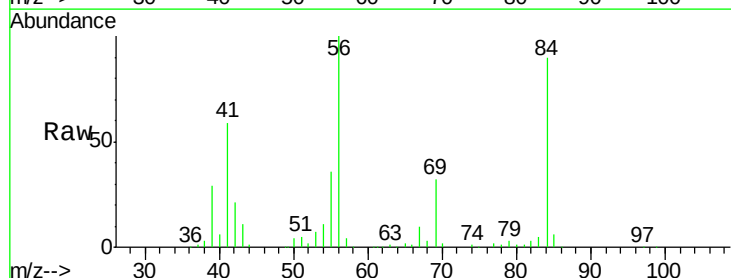
Tgt Ion: 56 Resp: 117582

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

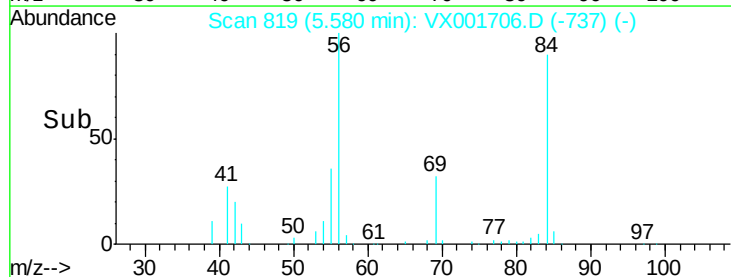
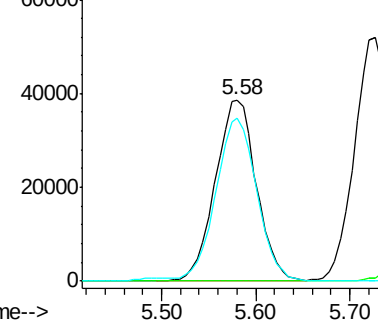
84 89.9 72.2 108.4

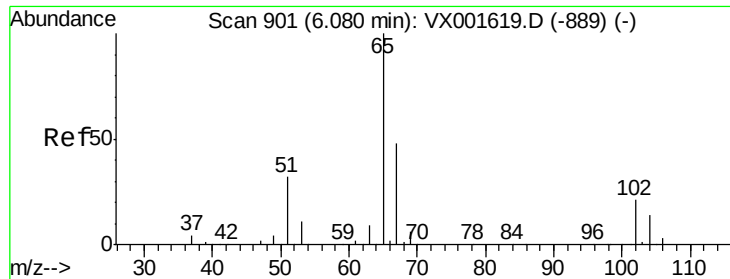


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 28.66 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX001706.D

Acq: 14 May 2018 11:14

Tot Ion: 65 Resp: 128306

Ion Ratio Lower Upper

65 100

67 51.1 40.2 60.2

Instrument :

MSVOA_X

ClientSampled :

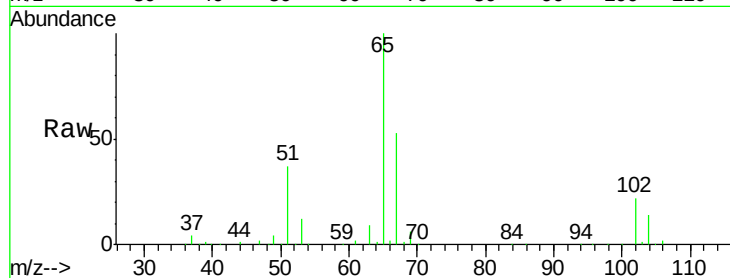
VSTDCCC020

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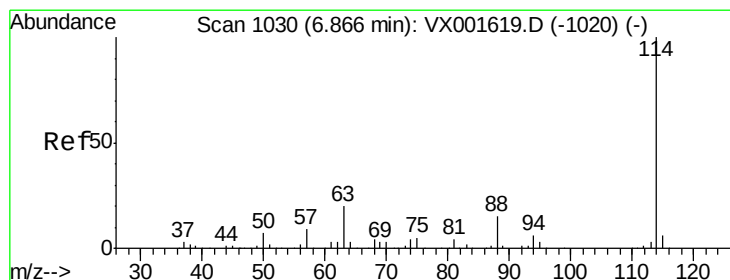
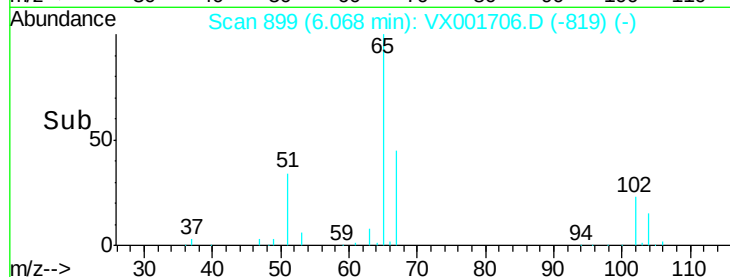
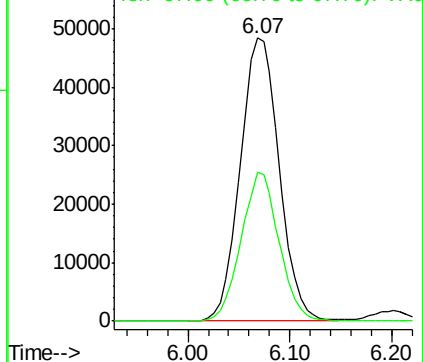
apatel

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Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001706.D

Acq: 14 May 2018 11:14

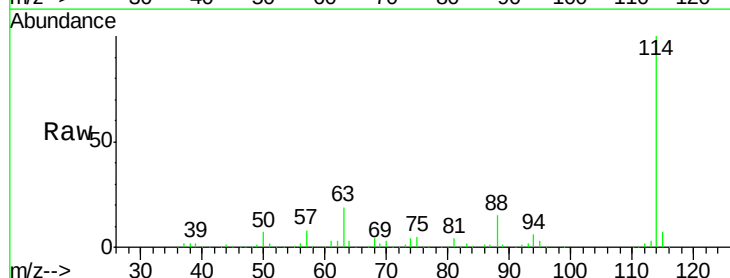
Tgt Ion: 114 Resp: 327253

Ion Ratio Lower Upper

114 100

63 19.0 15.5 23.3

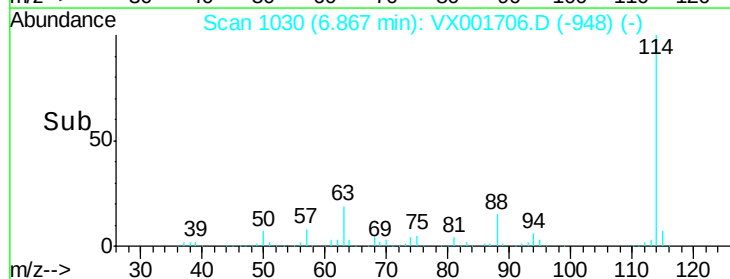
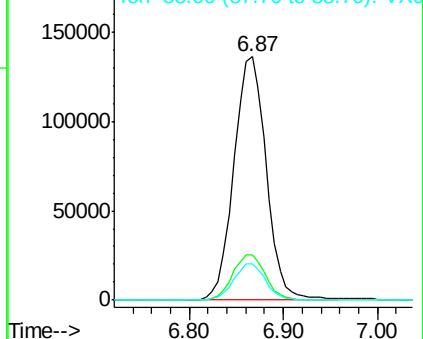
88 14.8 12.2 18.4

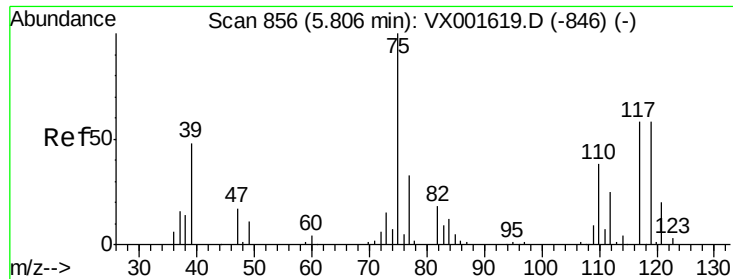


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





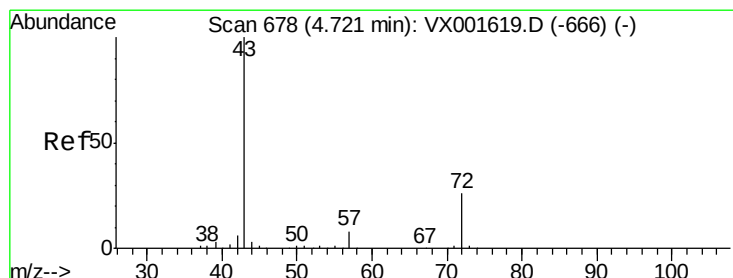
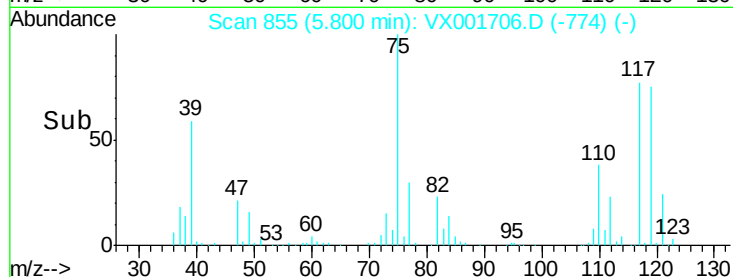
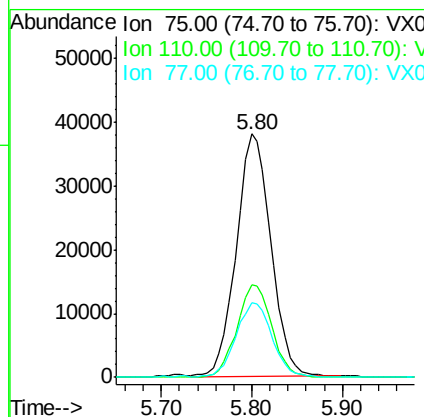
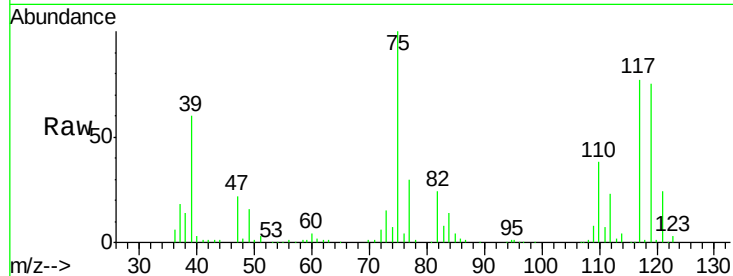
#29
 1,1-Dichloropropene
 Concen: 24.47 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: VX001706.D
 Acq: 14 May 2018 11:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
75	100			
110	38.4	0.0	74.6	
77	31.9	0.0	62.4	

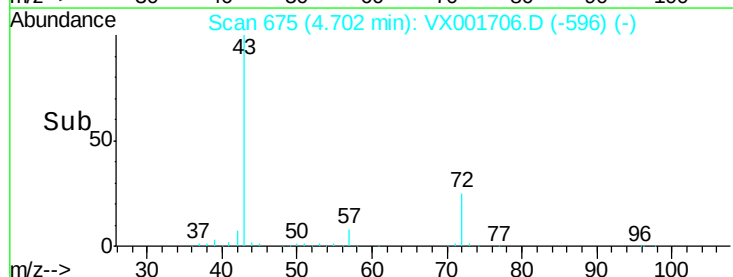
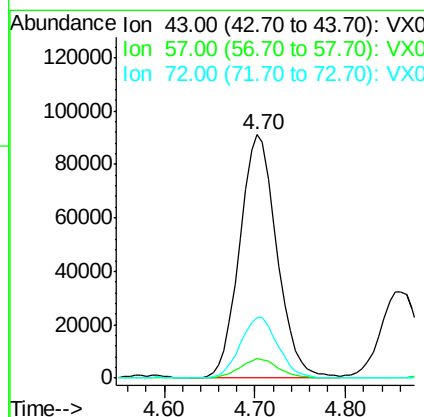
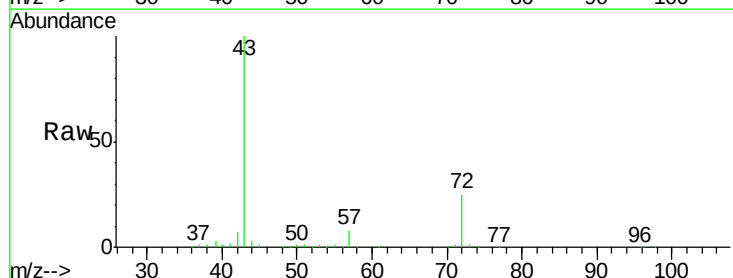
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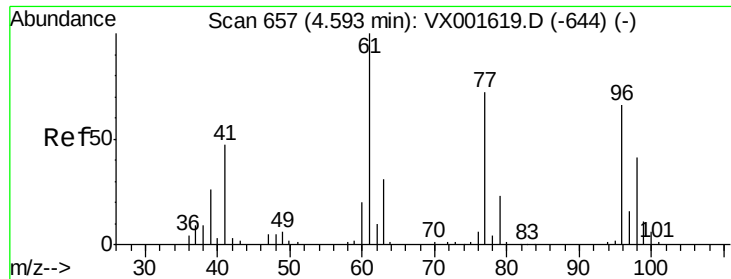
apatel
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#30
 2-Butanone
 Concen: 94.81 ug/l
 RT: 4.70 min Scan# 675
 Delta R.T. -0.02 min
 Lab File: VX001706.D
 Acq: 14 May 2018 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
43	100			
57	8.2	6.3	9.5	
72	25.3	20.2	30.4	





#31

2,2-Dichloropropane

Concen: 30.95 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX001706.D

Acq: 14 May 2018 11:14

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

Tot Ion: 77 Resp: 109395

Ion Ratio Lower Upper

77 100

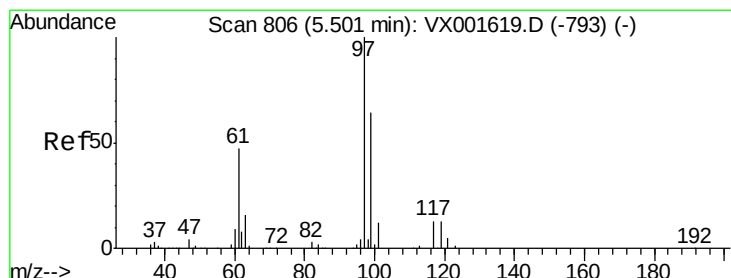
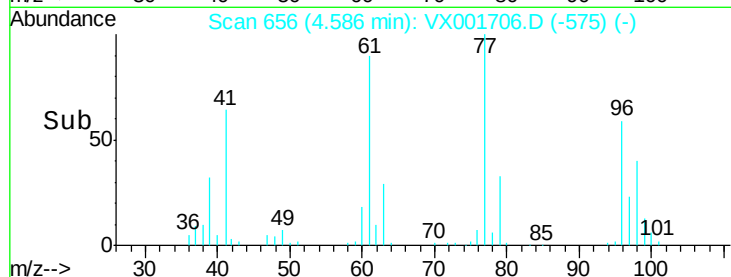
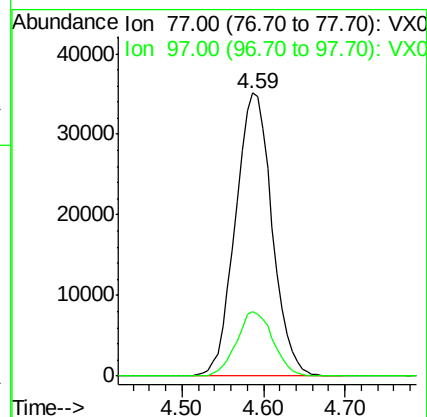
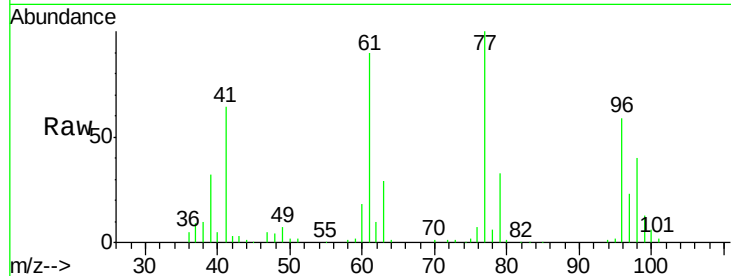
97 22.8 19.3 28.9

Manual Integrations

APPROVED

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#32

1,1,1-Trichloroethane

Concen: 23.27 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX001706.D

Acq: 14 May 2018 11:14

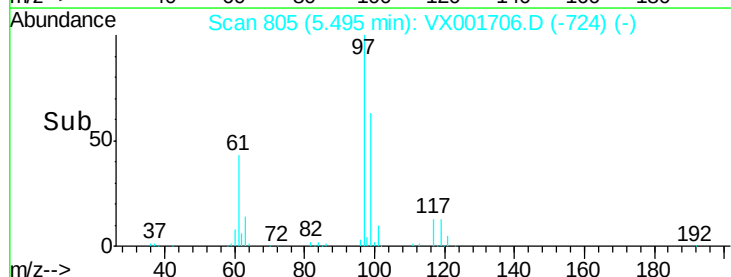
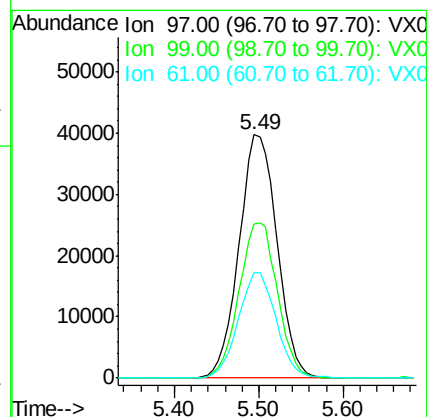
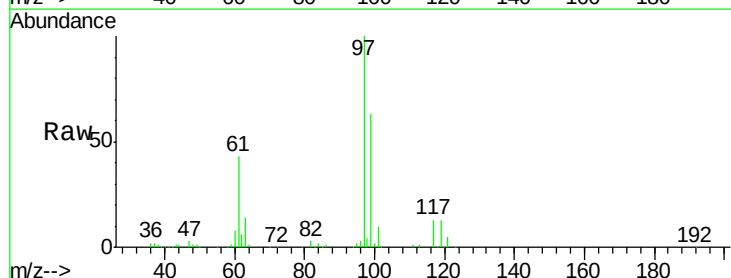
Tgt Ion: 97 Resp: 121661

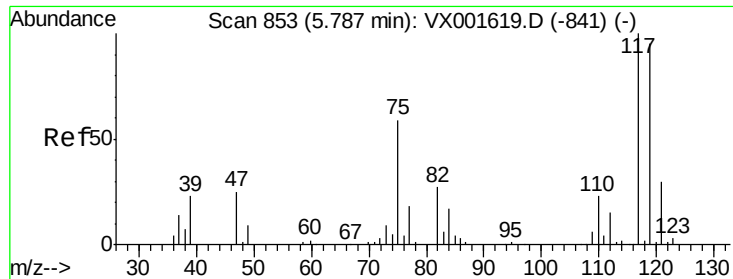
Ion Ratio Lower Upper

97 100

99 64.1 51.7 77.5

61 43.1 35.6 53.4





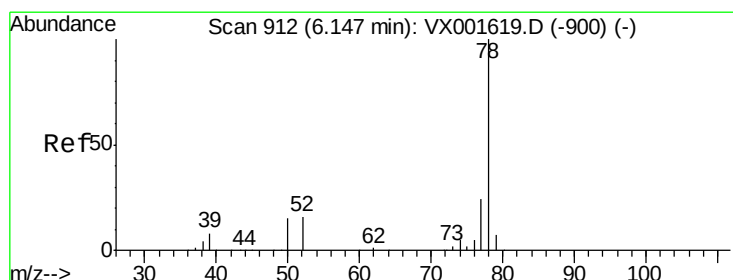
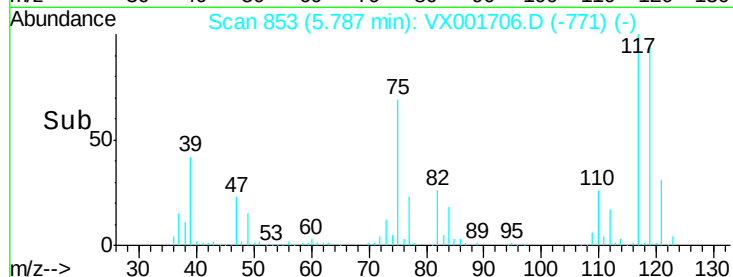
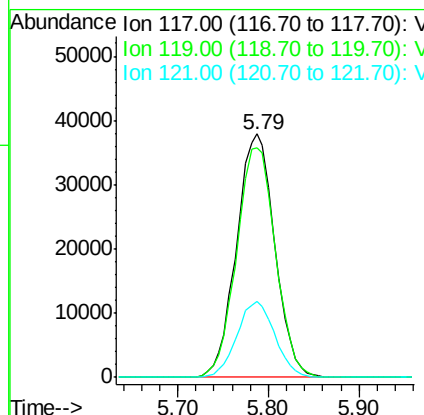
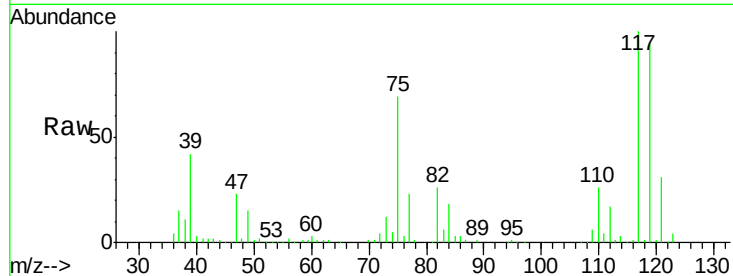
#33
Carbon Tetrachloride
Concen: 24.06 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX001706.D
Acq: 14 May 2018 11:14

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
117	100		
119	94.3	75.7	113.5
121	30.9	24.3	36.5

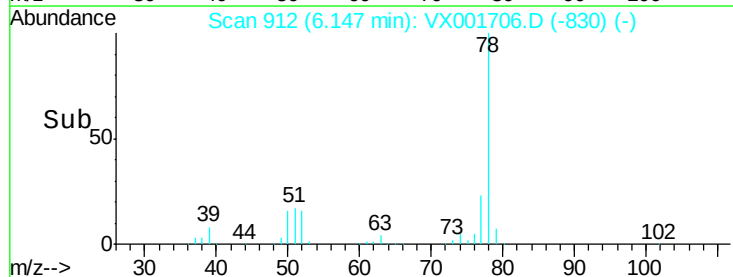
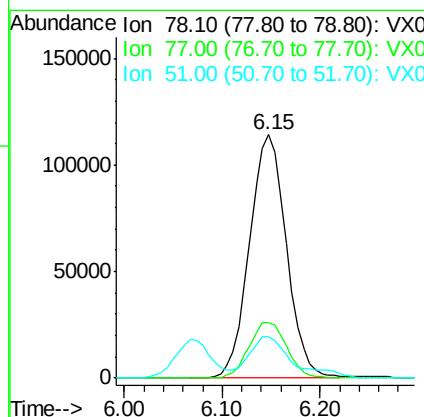
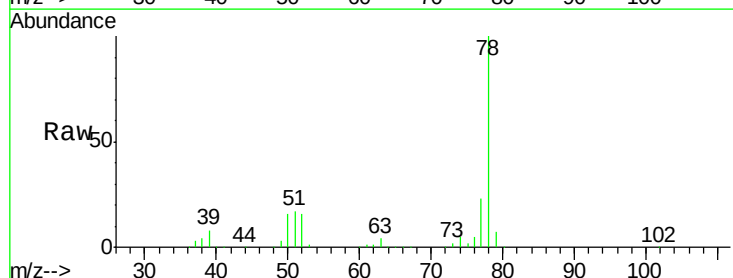
Manual Integrations
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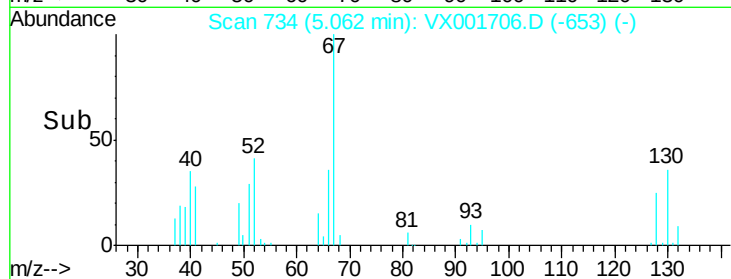
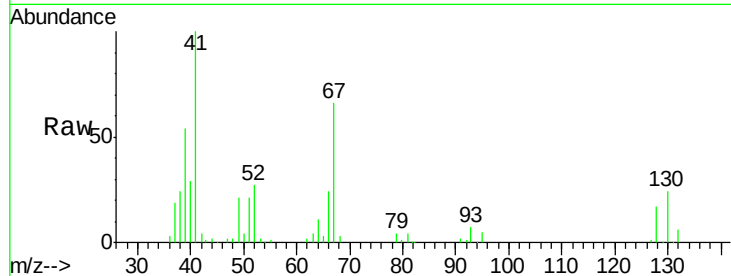
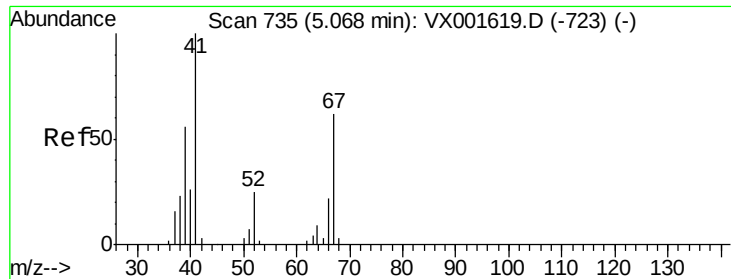
apatel
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#34
Benzene
Concen: 22.82 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001706.D
Acq: 14 May 2018 11:14

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.8	28.2
51	15.2	13.5	20.3





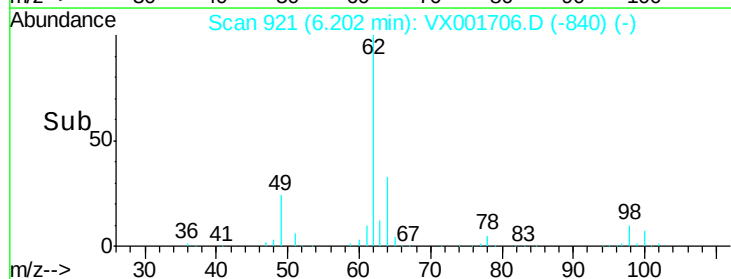
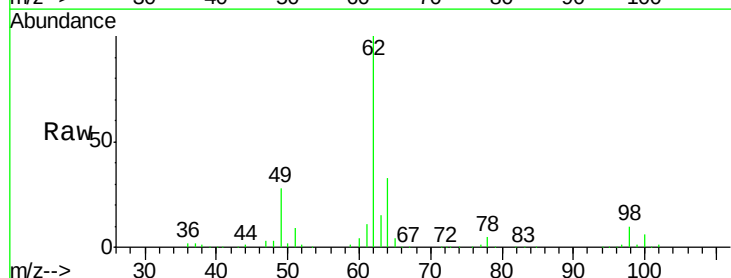
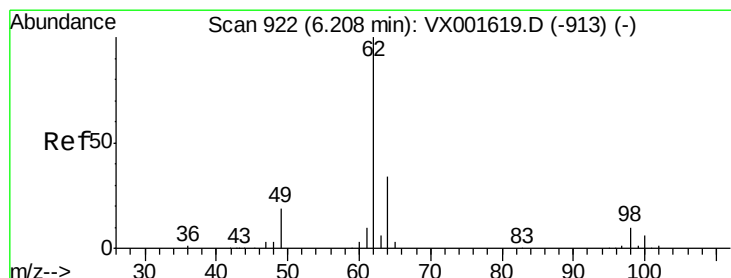
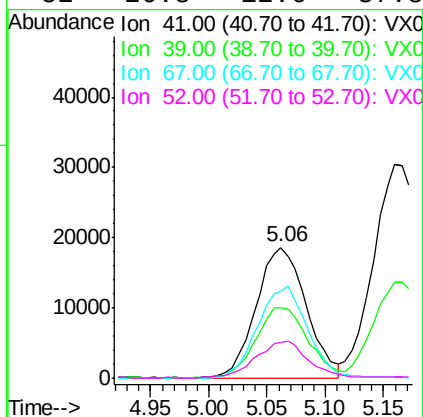
#35
Methacrylonitrile
Concen: 18.85 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX001706.D
Acq: 14 May 2018 11:14

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	53.5	27.9	83.6		
67	66.5	30.9	92.5		
52	26.8	12.6	37.8		

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

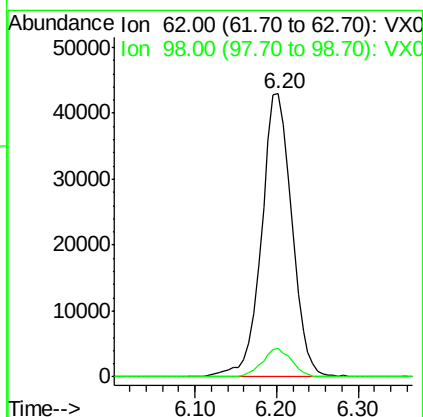
Manual Integrations
APPROVED

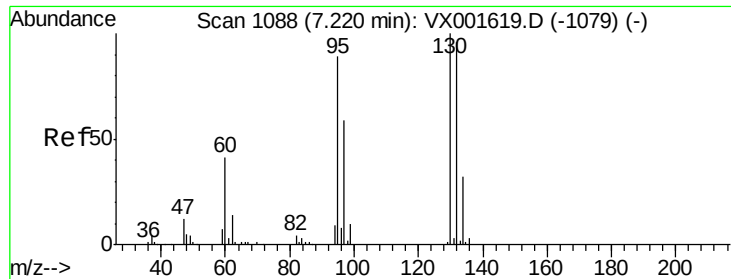
apatel
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#36
1,2-Dichloroethane
Concen: 21.45 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX001706.D
Acq: 14 May 2018 11:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.9	7.7	11.5		





#37

Trichloroethene

Concen: 24.48 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX001706.D

Acq: 14 May 2018 11:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:130 Resp: 94854

Ion Ratio Lower Upper

130 100

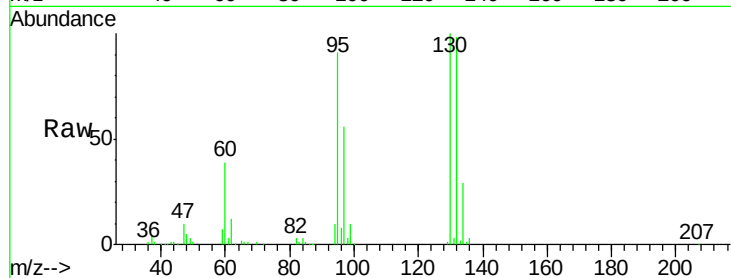
95 91.5 71.4 107.2

Manual Integrations

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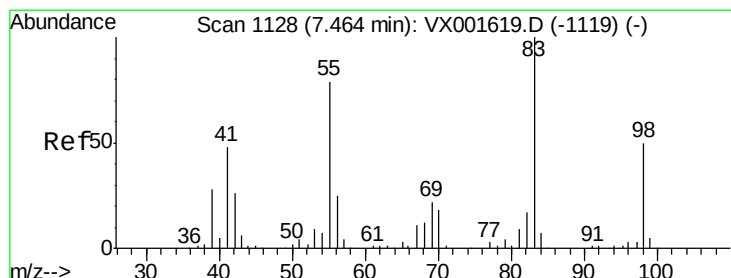
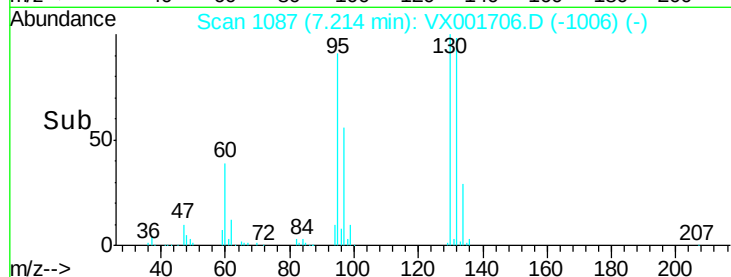
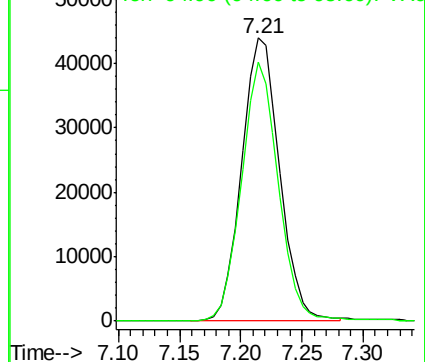
apatel

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 28.57 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX001706.D

Acq: 14 May 2018 11:14

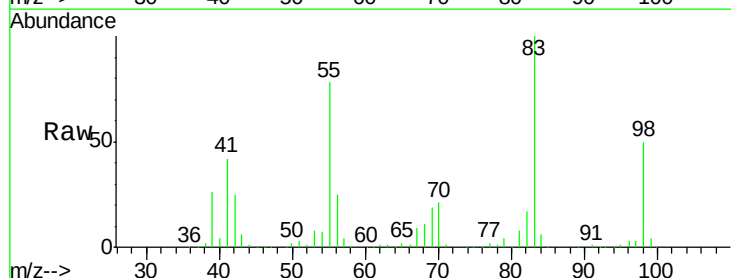
Tgt Ion: 83 Resp: 125590

Ion Ratio Lower Upper

83 100

55 77.4 39.6 118.7

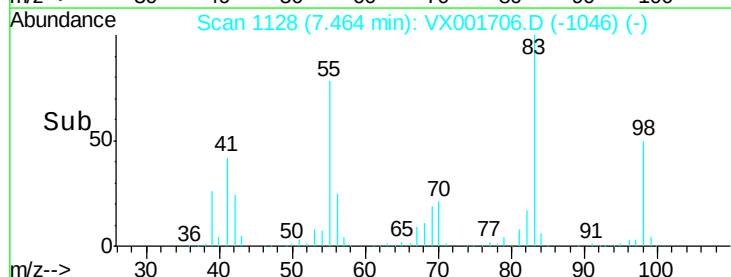
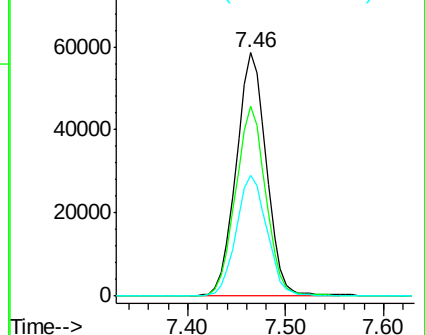
98 50.3 25.0 75.0

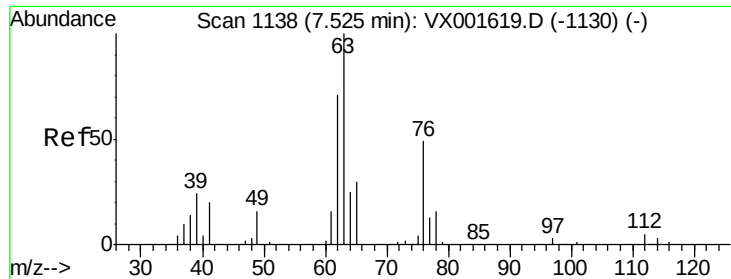


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





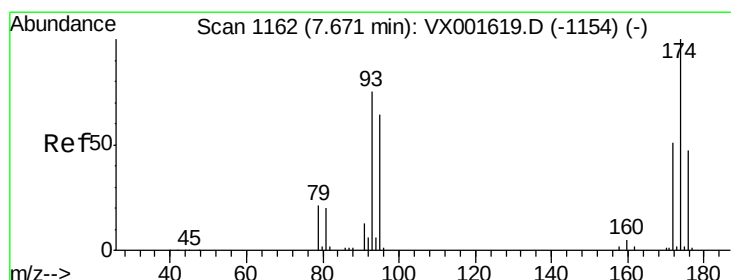
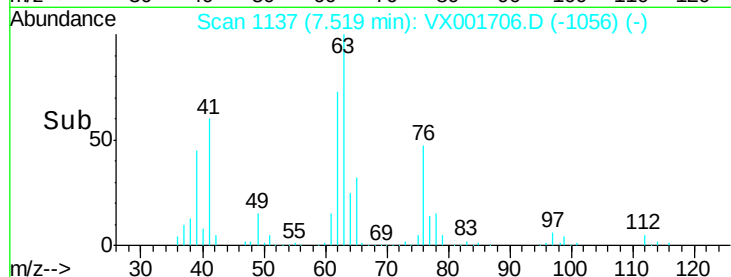
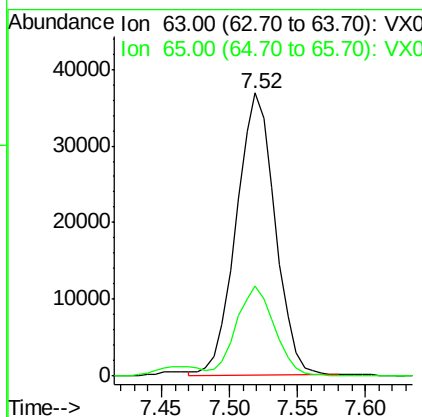
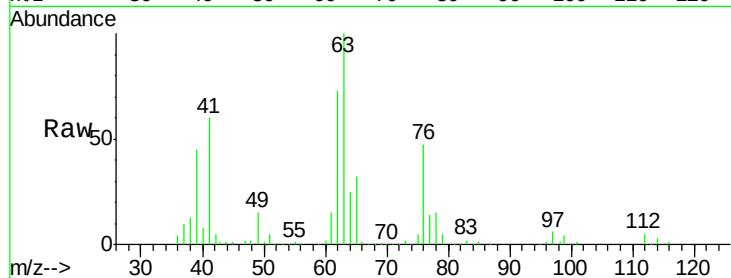
#39
 1,2-Dichloropropane
 Concen: 22.28 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX001706.D
 Acq: 14 May 2018 11:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	63	Resp	73432
Ion Ratio	100	Lower	Upper
63	100		
65	32.1	25.3	37.9

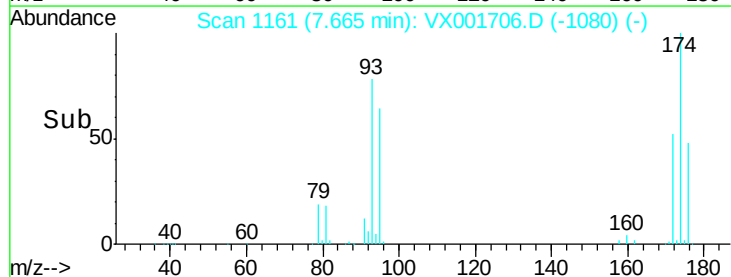
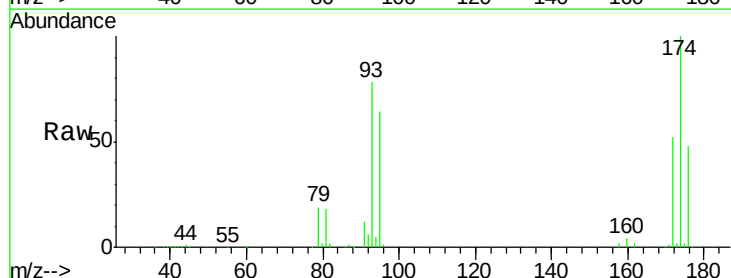
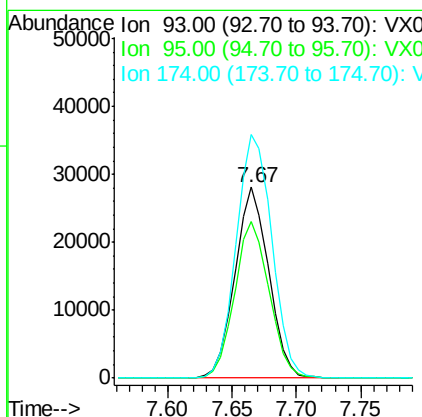
Manual Integrations
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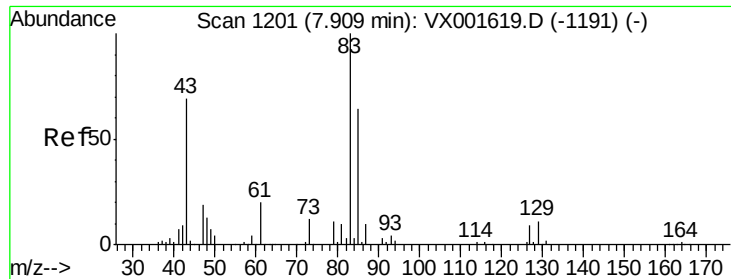
apatel
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#40
 Dibromomethane
 Concen: 21.76 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: VX001706.D
 Acq: 14 May 2018 11:14

Tgt Ion	93	Resp	51390
Ion Ratio	100	Lower	Upper
93	100		
95	83.5	0.0	166.2
174	134.3	0.0	259.2





#41

Bromodichloromethane

Concen: 22.13 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX001706.D

Acq: 14 May 2018 11:14

Instrument :

MSVOA_X

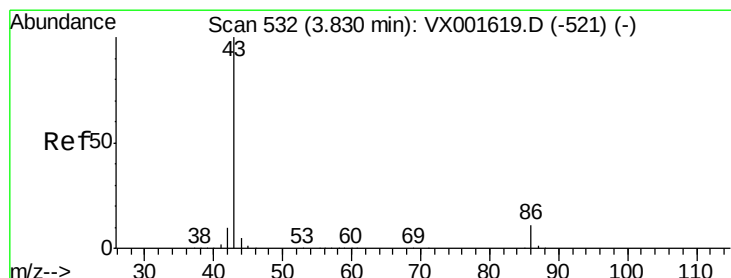
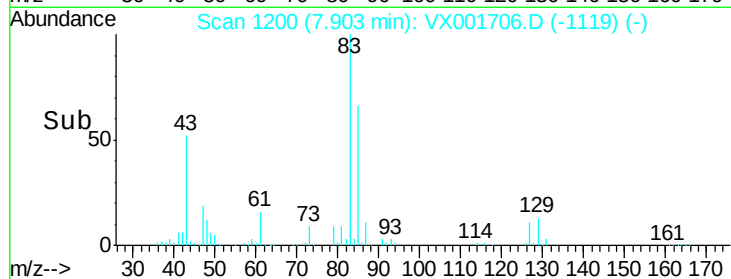
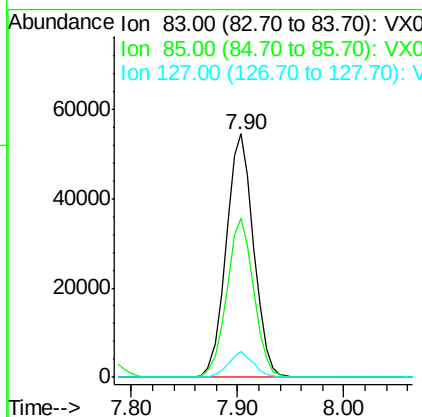
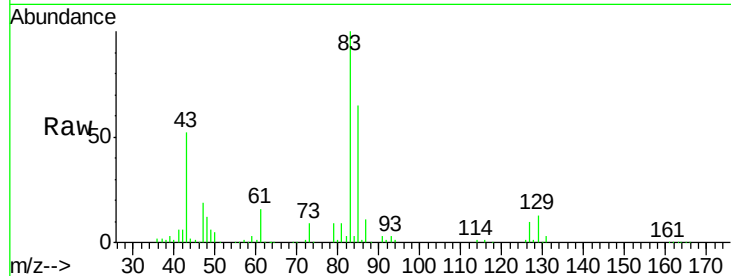
ClientSampleId :

VSTDCCC020

Tot Ion:	83	Resp:	98305
Ion Ratio	Lower	Upper	
83	100		
85	65.4	51.3	76.9
127	10.5	7.5	11.3

Manual Integrations
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#42

Vinyl Acetate

Concen: 108.00 ug/l

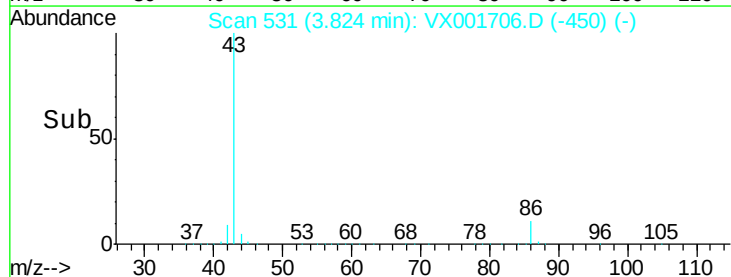
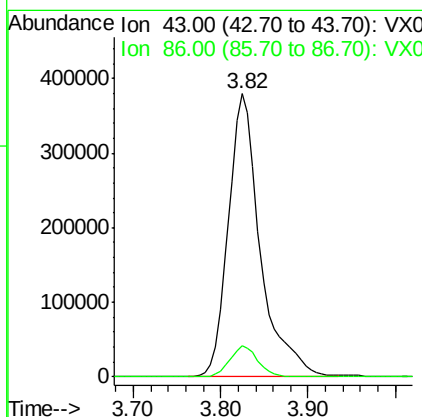
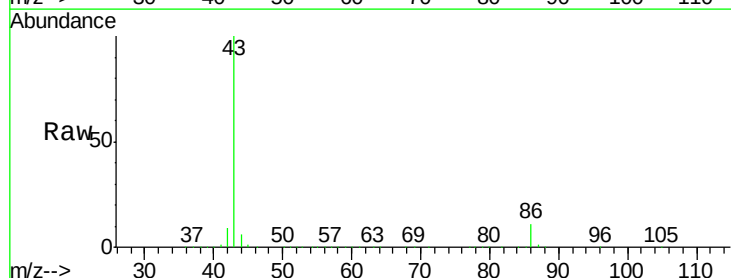
RT: 3.82 min Scan# 531

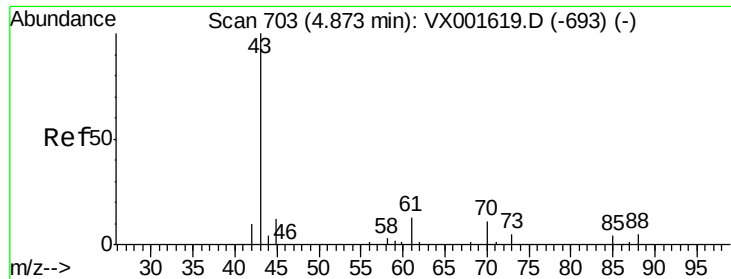
Delta R.T. -0.01 min

Lab File: VX001706.D

Acq: 14 May 2018 11:14

Tgt Ion:	43	Resp:	966431
Ion Ratio	Lower	Upper	
43	100		
86	9.6	7.4	11.2





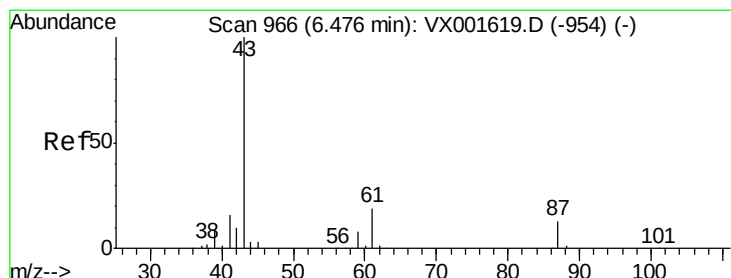
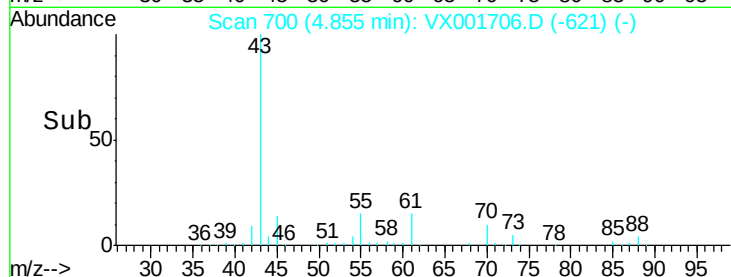
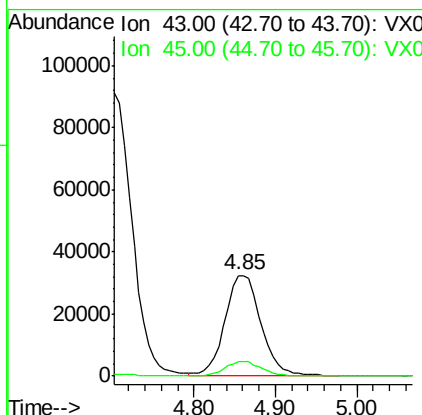
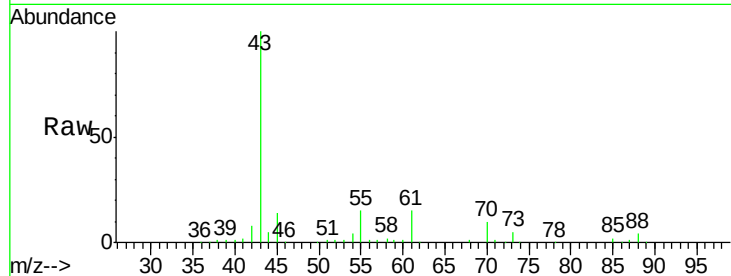
#43
Ethyl Acetate
Concen: 18.98 ug/l
RT: 4.85 min Scan# 700
Delta R.T. -0.02 min
Lab File: VX001706.D
Acq: 14 May 2018 11:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion: 43 Resp: 98126
Ion Ratio Lower Upper
43 100
45 15.0 12.7 19.1

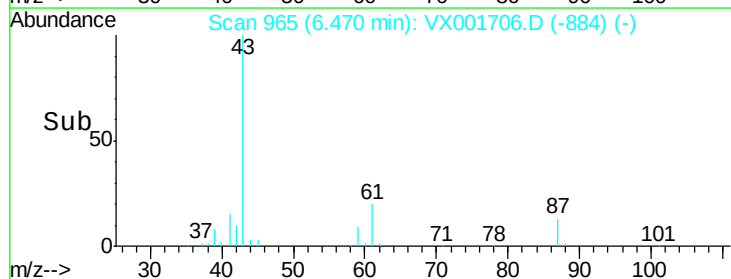
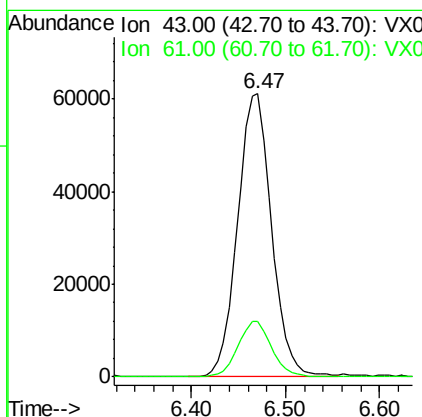
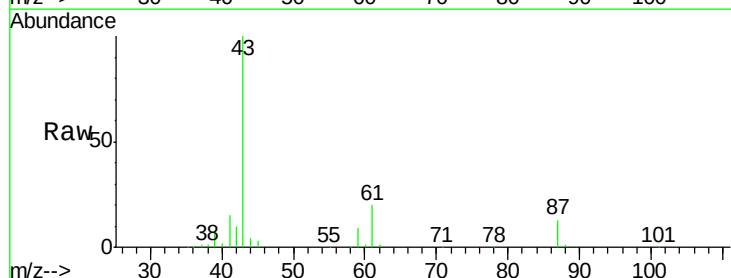
Manual Integrations
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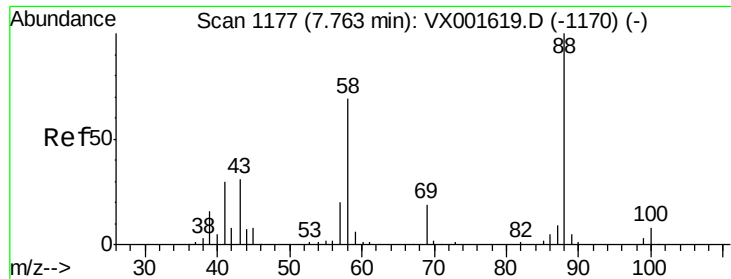
apatel
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#44
Isopropyl Acetate
Concen: 19.48 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.01 min
Lab File: VX001706.D
Acq: 14 May 2018 11:14

Tgt Ion: 43 Resp: 154275
Ion Ratio Lower Upper
43 100
61 19.4 15.1 22.7





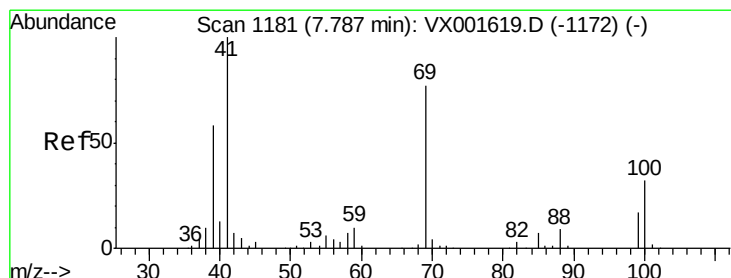
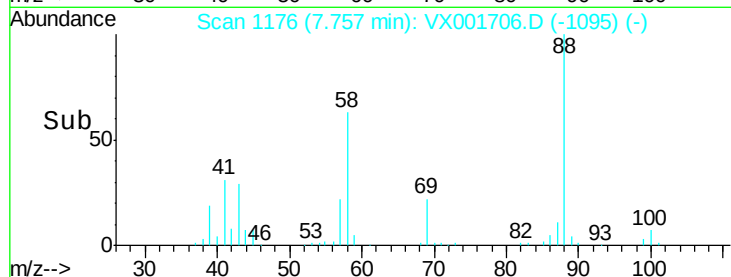
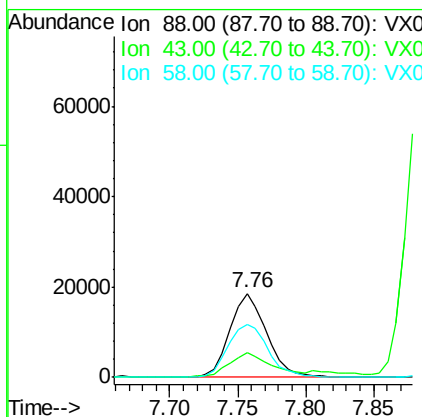
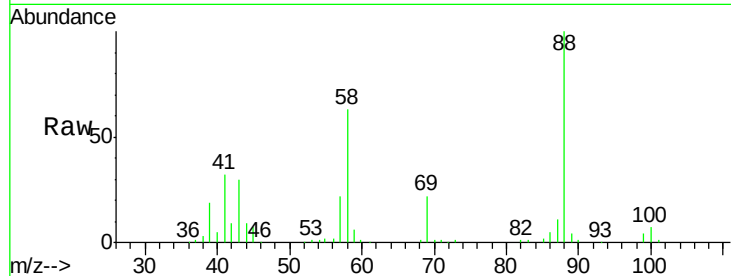
#45
 1,4-Dioxane
 Concen: 374.17 ug/l
 RT: 7.76 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: VX001706.D
 Acq: 14 May 2018 11:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.6	27.9	41.9
58	69.5	55.3	82.9

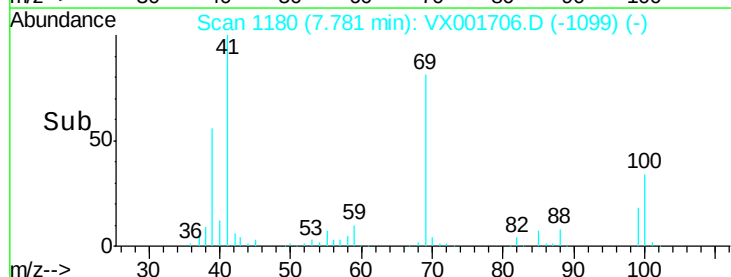
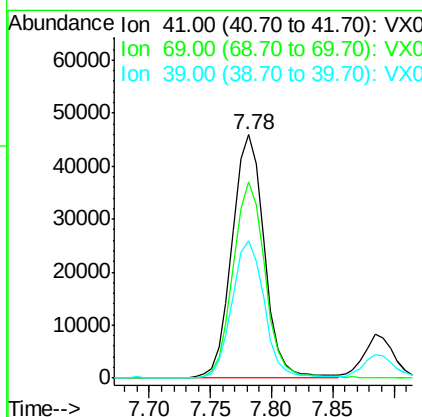
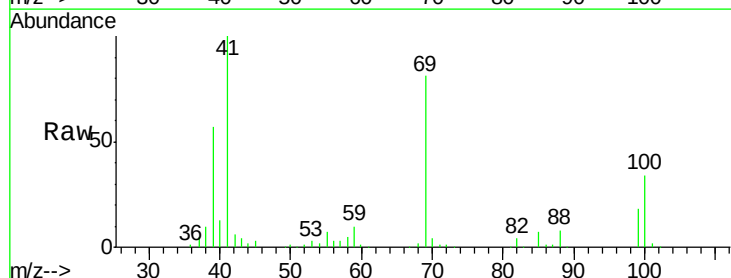
Manual Integrations
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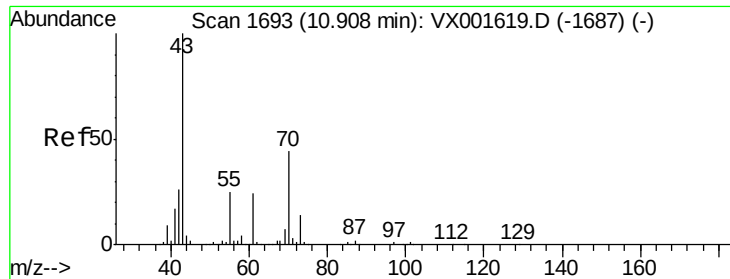
apatel
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#46
 Methyl methacrylate
 Concen: 19.43 ug/l
 RT: 7.78 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VX001706.D
 Acq: 14 May 2018 11:14

Tgt Ion	Ratio	Lower	Upper
41	100		
69	81.0	38.4	115.2
39	56.4	29.0	87.1





#47

n-amvl Acetate

Concen: 19.15 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX001706.D

Acq: 14 May 2018 11:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 43 Resp: 129496

Ion Ratio Lower Upper

43 100

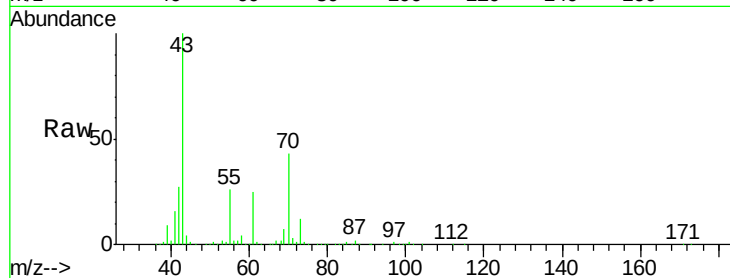
55 26.9 20.8 31.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

10.90

120000

100000

80000

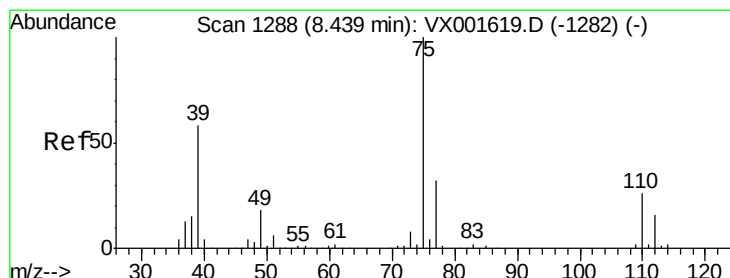
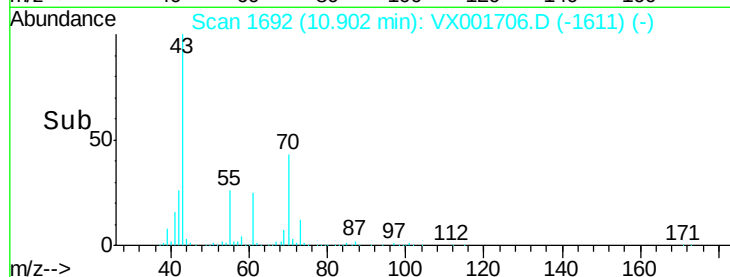
60000

40000

20000

0

Time-->



#48

t-1,3-Dichloropropene

Concen: 23.39 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX001706.D

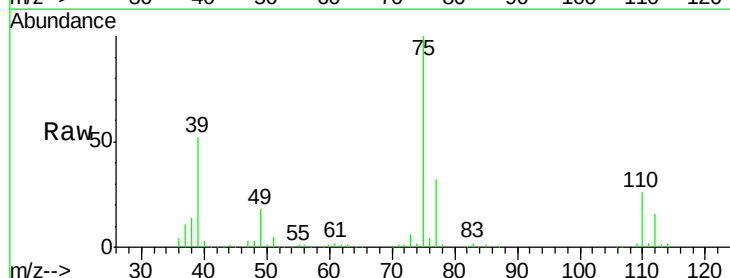
Acq: 14 May 2018 11:14

Tgt Ion: 75 Resp: 114686

Ion Ratio Lower Upper

75 100

77 31.5 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

8.44

80000

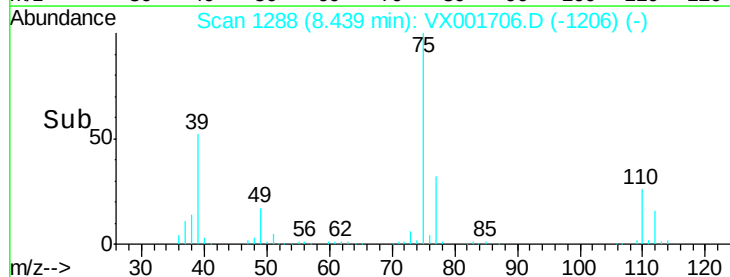
60000

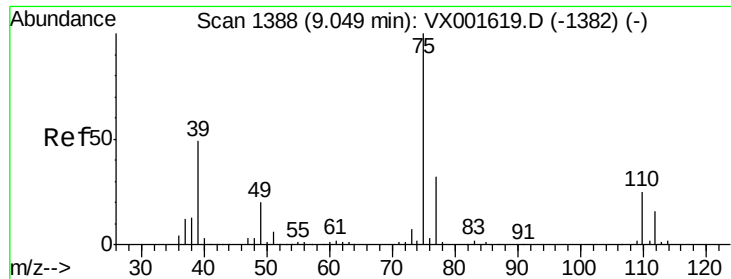
40000

20000

0

Time-->





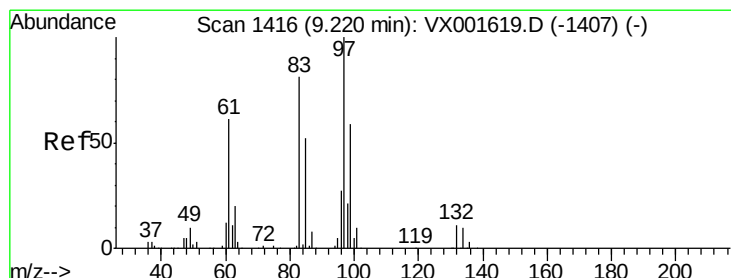
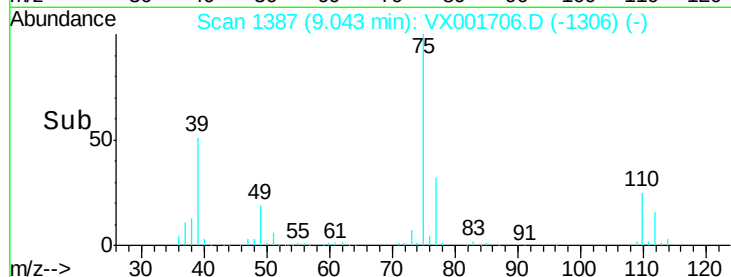
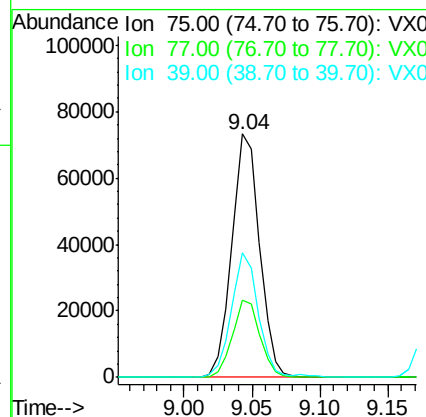
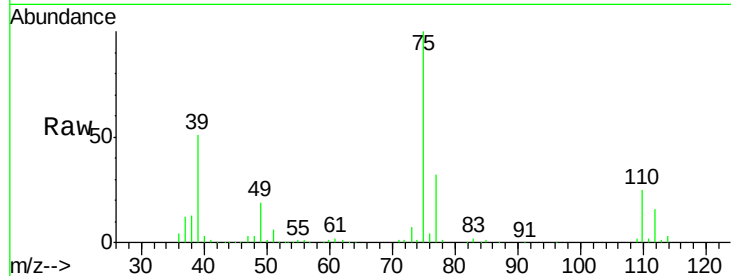
#49
 cis-1,3-Dichloropropene
 Concen: 23.99 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: VX001706.D
 Acq: 14 May 2018 11:14

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020

Tot Ion:	75	Resp:	103937
Ion Ratio	Lower	Upper	
75	100		
77	31.7	25.8	38.6
39	51.1	39.4	59.0

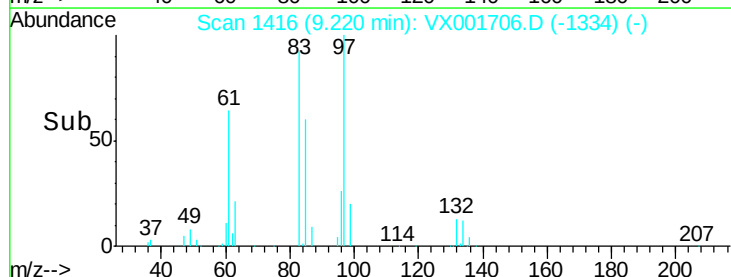
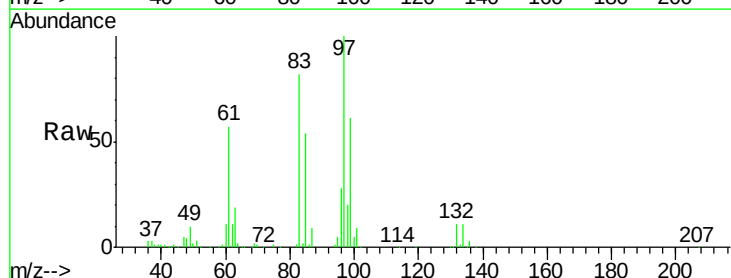
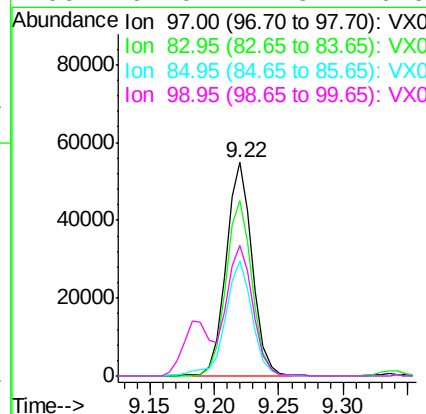
Manual Integrations
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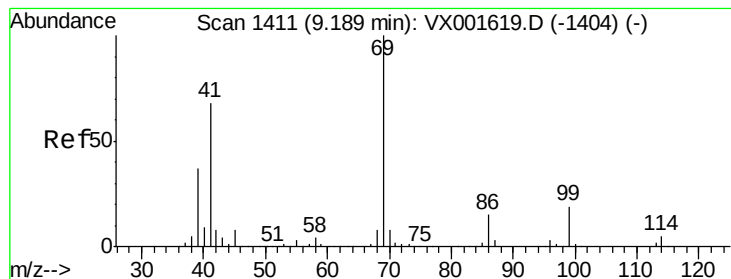
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#50
 1,1,2-Trichloroethane
 Concen: 22.46 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001706.D
 Acq: 14 May 2018 11:14

Tgt Ion:	97	Resp:	78523
Ion Ratio	Lower	Upper	
97	100		
83	81.7	65.0	97.6
85	53.9	41.5	62.3
99	61.0	47.3	70.9





#51

Ethyl methacrylate

Concen: 20.68 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX001706.D

Acq: 14 May 2018 11:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 69 Resp: 104238

Ion Ratio Lower Upper

69 100

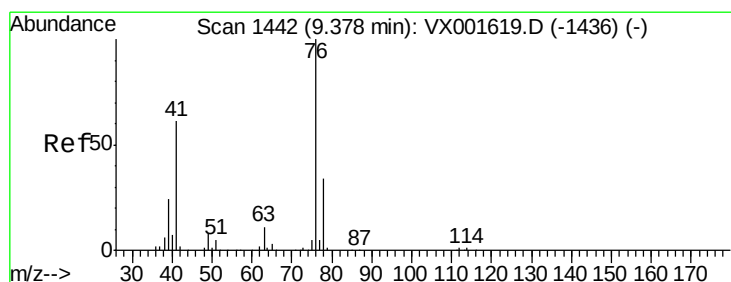
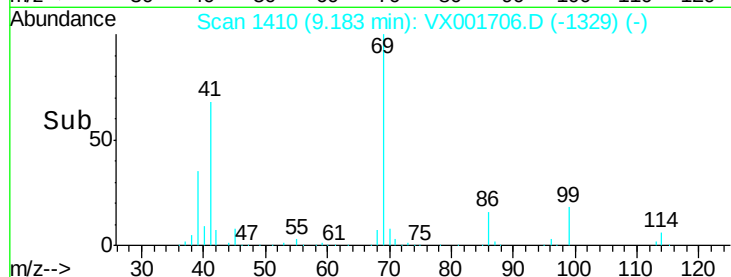
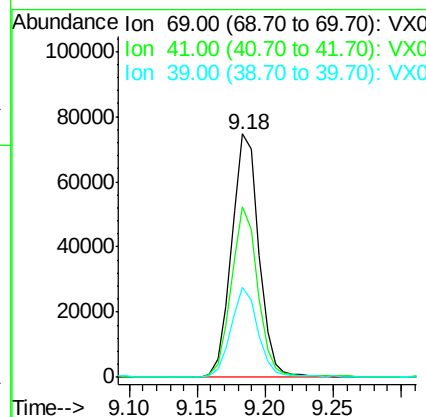
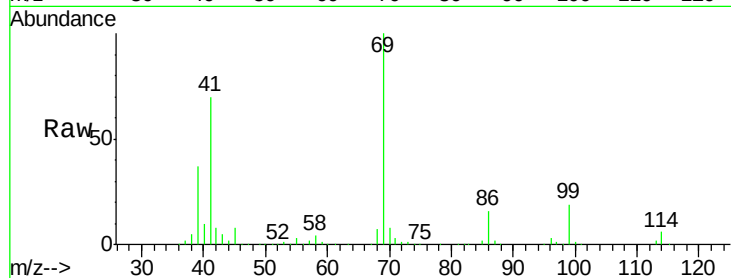
41 70.2 33.9 101.6

39 36.8 18.4 55.2

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#52

1,3-Dichloropropane

Concen: 22.51 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001706.D

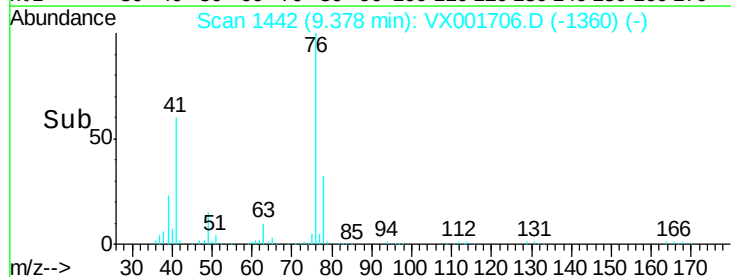
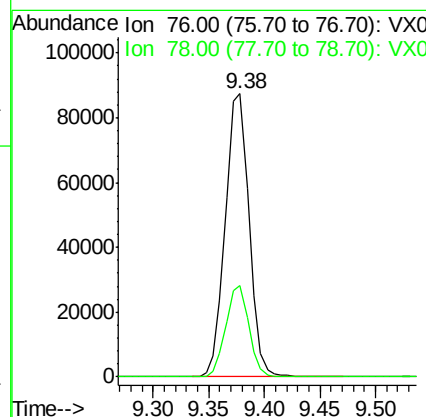
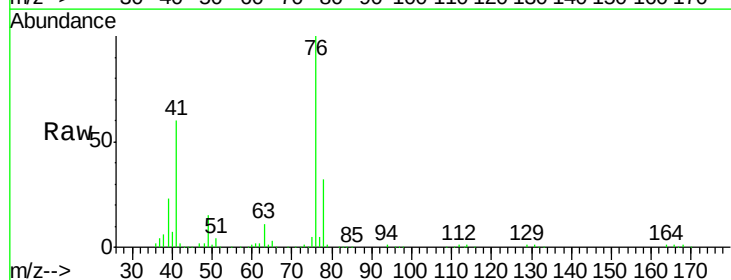
Acq: 14 May 2018 11:14

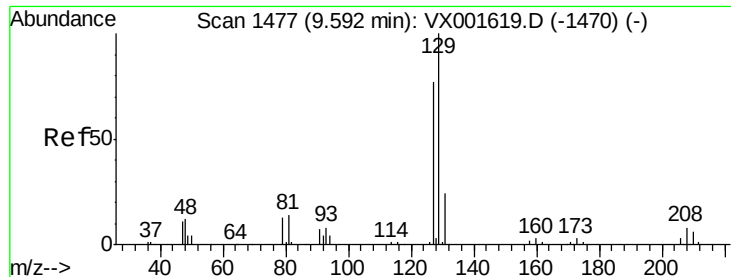
Tgt Ion: 76 Resp: 129678

Ion Ratio Lower Upper

76 100

78 31.5 0.0 65.8





#53

Dibromochloromethane

Concen: 21.37 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.01 min

Lab File: VX001706.D

Acq: 14 May 2018 11:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:129 Resp: 77616

Ion Ratio Lower Upper

129 100

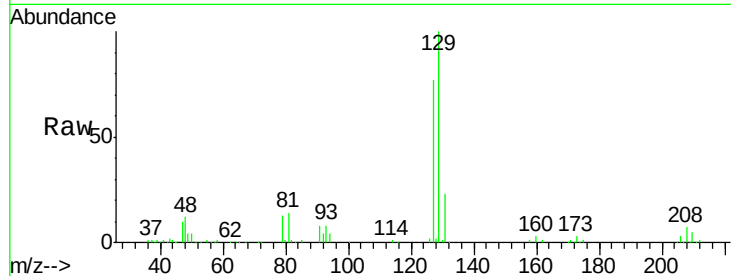
127 76.3 37.9 113.7

Manual Integrations

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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

60000

50000

40000

30000

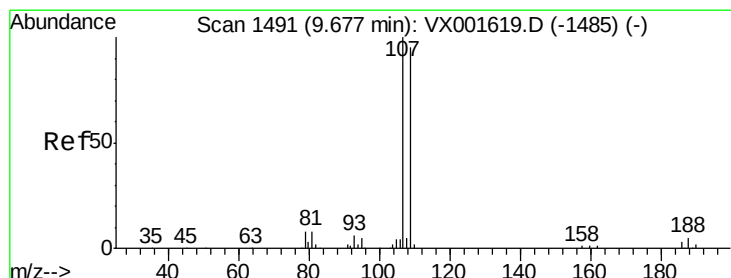
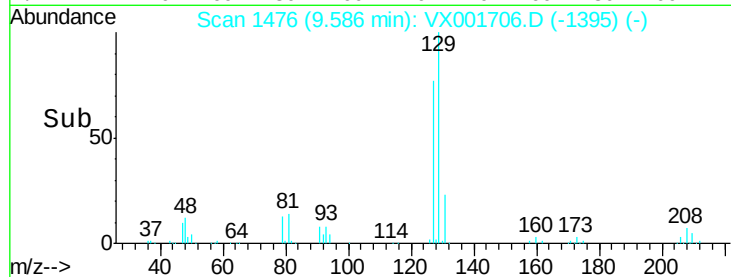
20000

10000

0

9.55 9.60 9.65

Time-->



#54

1,2-Dibromoethane

Concen: 21.02 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001706.D

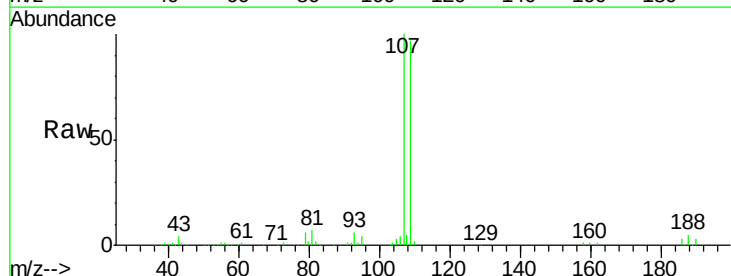
Acq: 14 May 2018 11:14

Tgt Ion:107 Resp: 77543

Ion Ratio Lower Upper

107 100

109 94.7 75.0 112.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

60000

50000

40000

30000

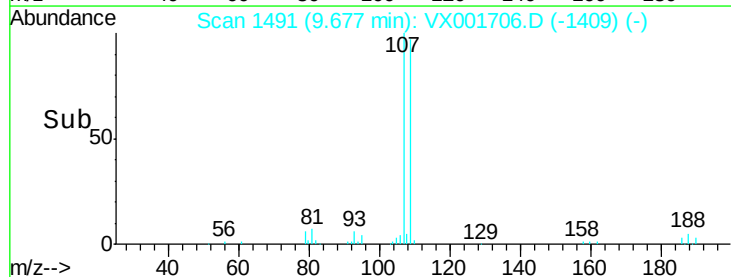
20000

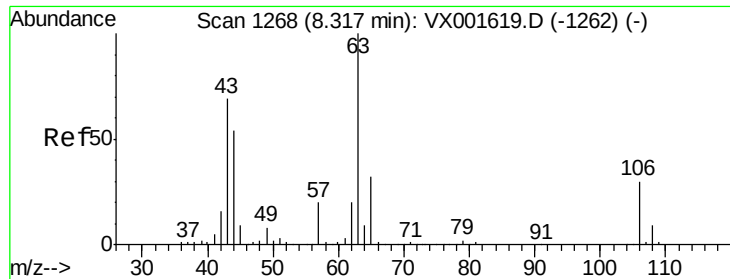
10000

0

9.60 9.65 9.70 9.75

Time-->





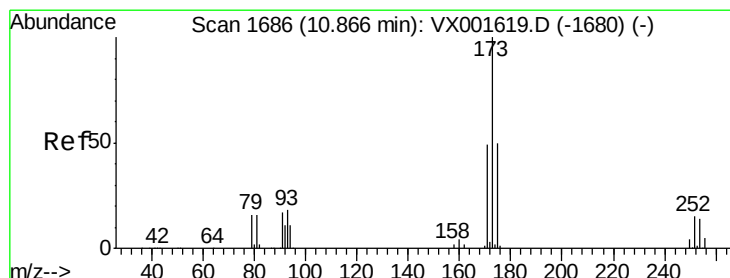
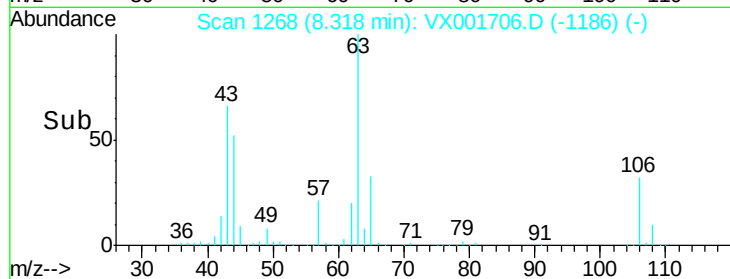
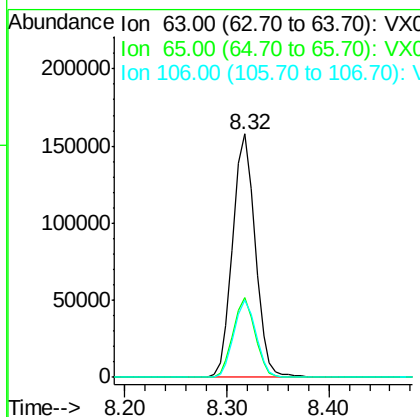
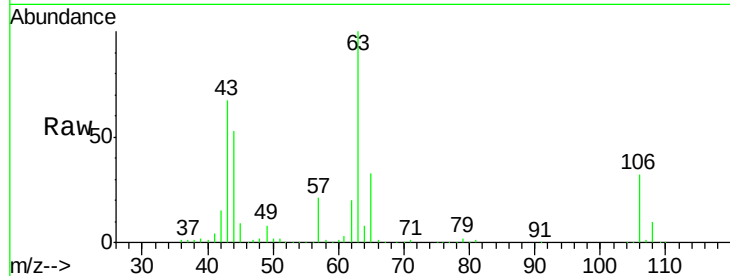
#55
2-Chloroethyl vinyl ether
Concen: 90.34 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. 0.00 min
Lab File: VX001706.D
Acq: 14 May 2018 11:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.1	25.8	38.8
106	31.2	24.8	37.2

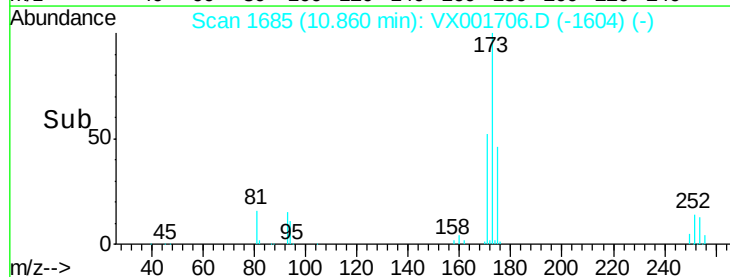
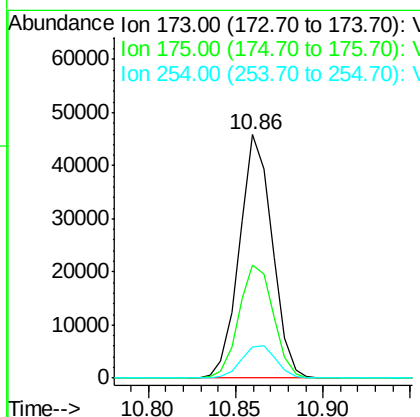
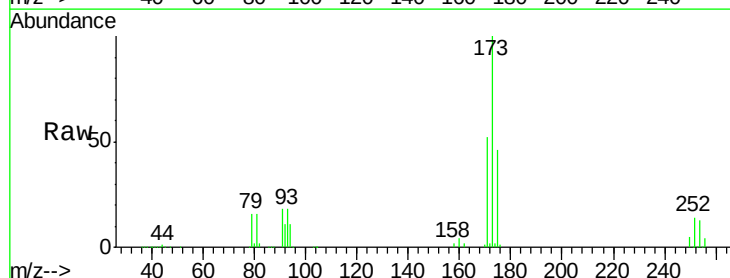
Manual Integrations
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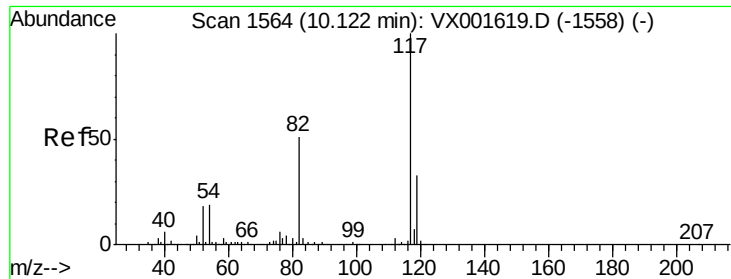
apatel
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#56
Bromoform
Concen: 20.17 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VX001706.D
Acq: 14 May 2018 11:14

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.6	39.8	59.8
254	14.0	10.7	16.1





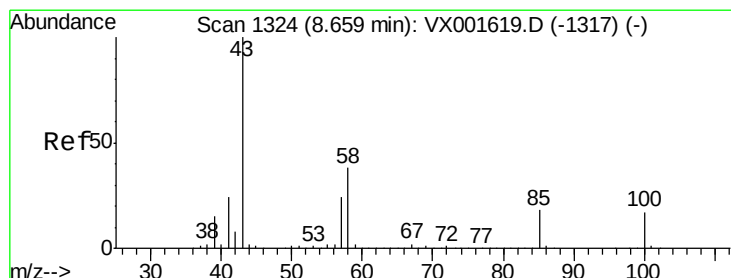
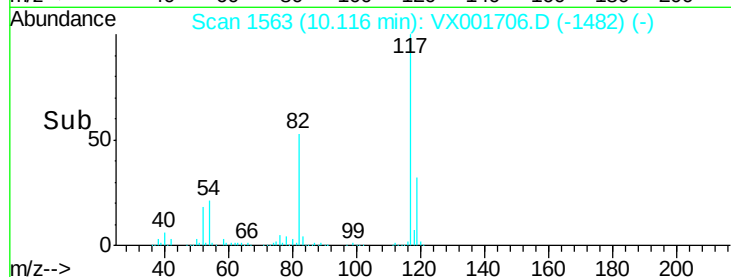
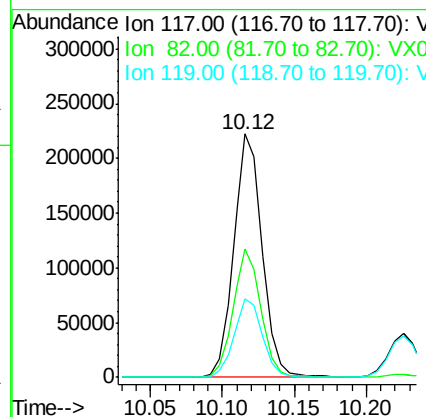
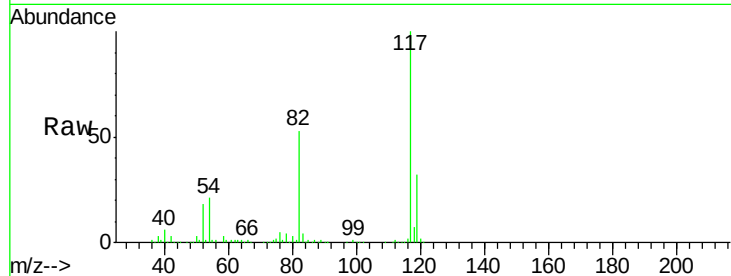
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001706.D
Acq: 14 May 2018 11:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
117	100	307403		
82	51.6	42.2	63.2	
119	32.1	26.3	39.5	

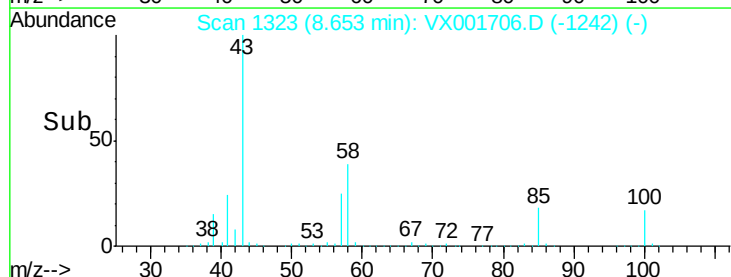
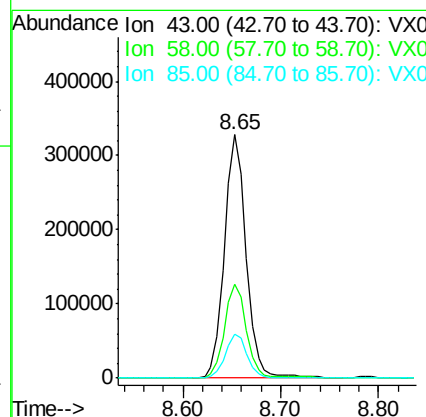
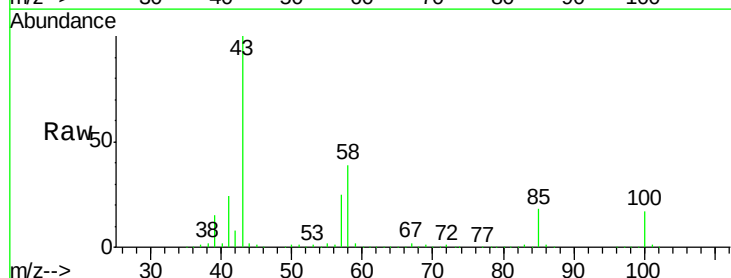
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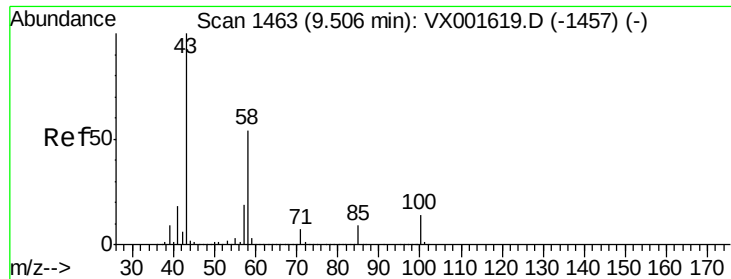
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#58
4-Methyl-2-Pentanone
Concen: 91.56 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX001706.D
Acq: 14 May 2018 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	506242		
58	38.5	30.4	45.6	
85	18.2	14.3	21.5	





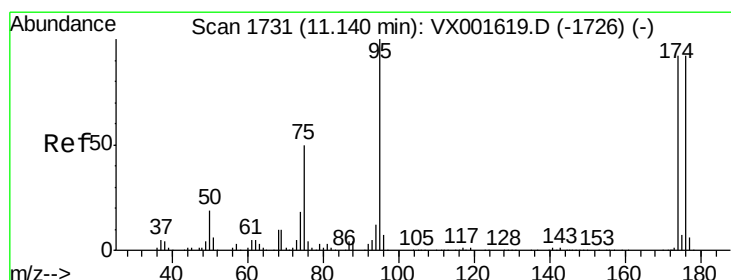
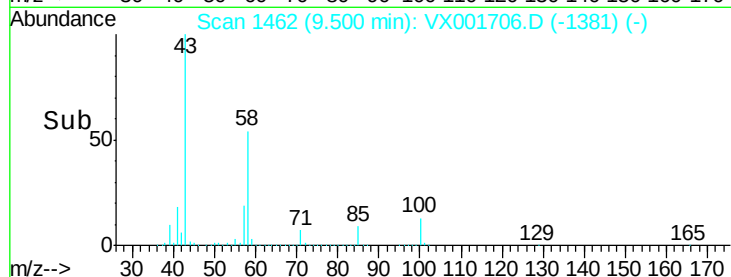
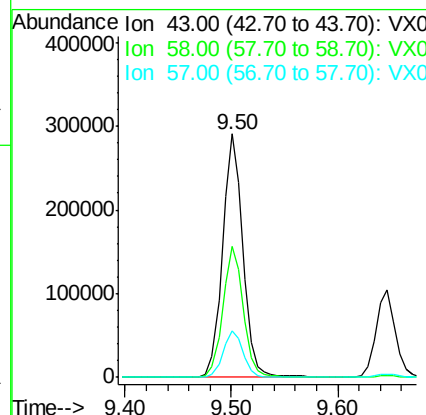
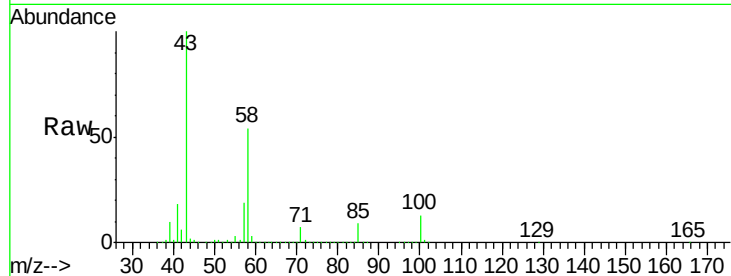
#59
2-Hexanone
Concen: 93.34 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001706.D
Acq: 14 May 2018 11:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.8	43.0	64.4
57	19.1	15.4	23.0

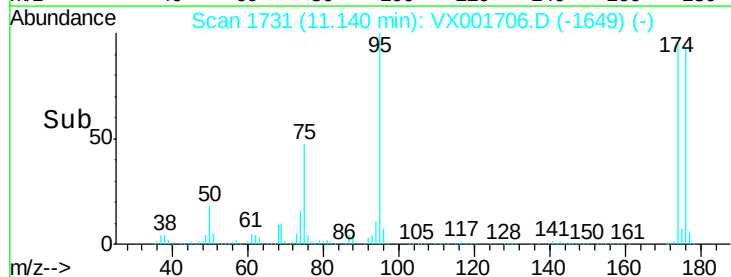
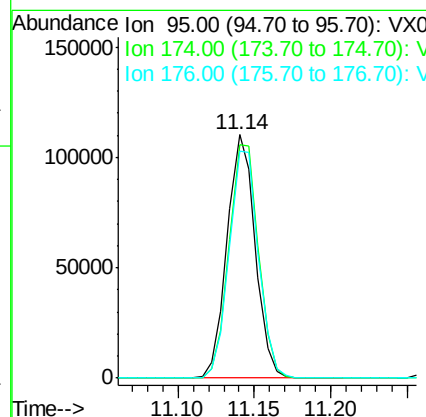
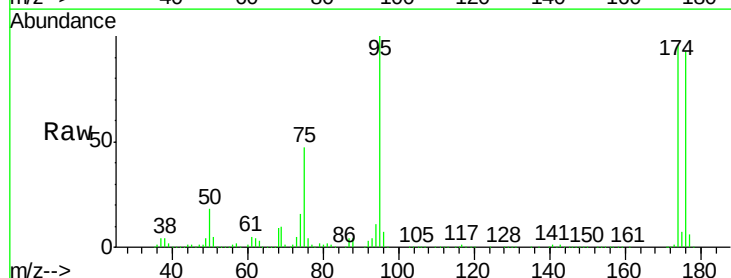
Manual Integrations
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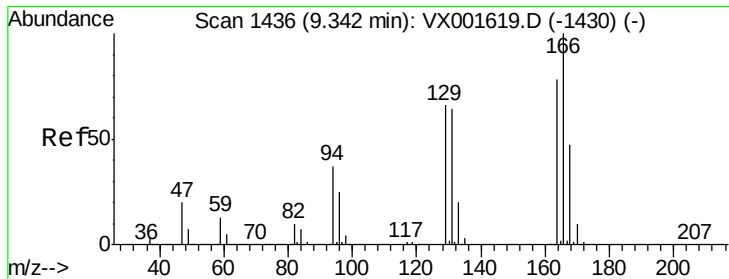
apatel
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#60
4-Bromofluorobenzene
Concen: 28.77 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001706.D
Acq: 14 May 2018 11:14

Tgt Ion	Ratio	Lower	Upper
95	100		
174	100.9	80.2	120.2
176	98.0	79.2	118.8





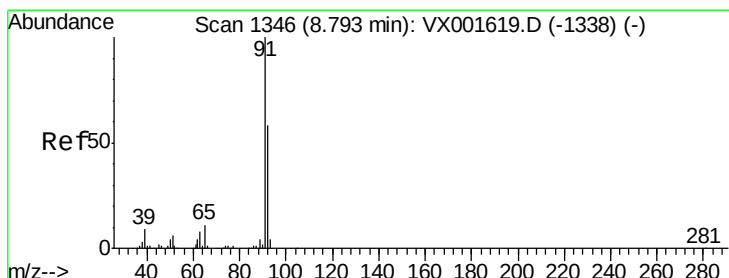
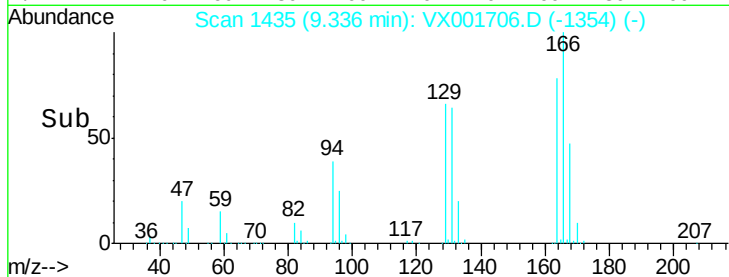
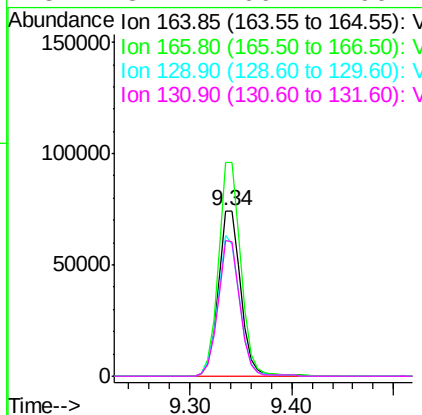
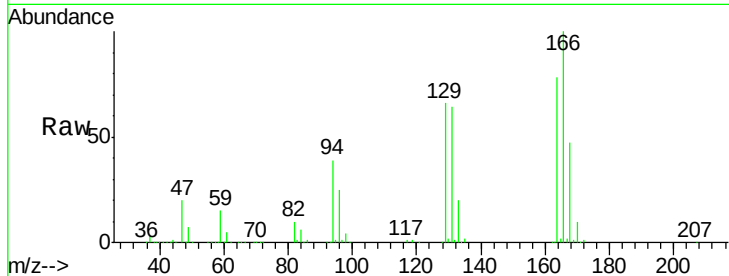
#61
 Tetrachloroethene
 Concen: 25.66 ug/l
 RT: 9.34 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: VX001706.D
 Acq: 14 May 2018 11:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	164	Resp	114752
Ion Ratio	Lower	Upper	
164	100		
166	128.7	102.8	154.2
129	85.0	67.8	101.8
131	82.2	66.2	99.2

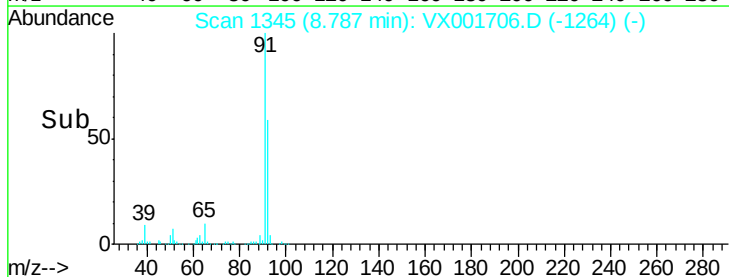
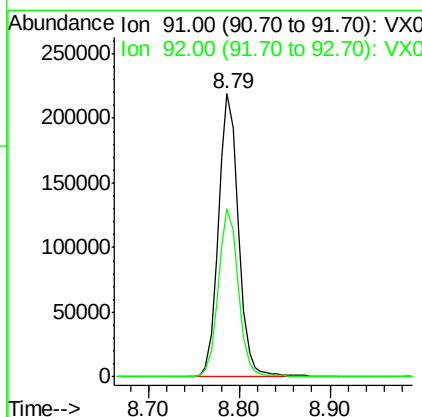
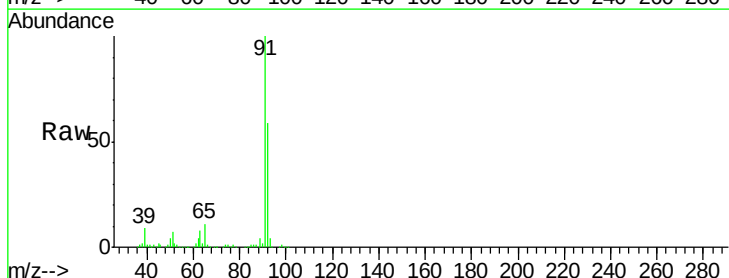
Manual Integrations
 APPROVED

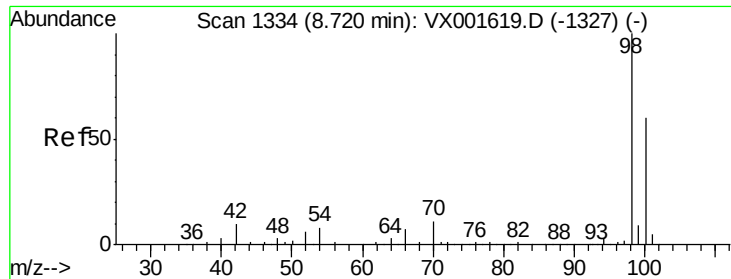
apatel
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#62
 Toluene
 Concen: 22.99 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: VX001706.D
 Acq: 14 May 2018 11:14

Tgt Ion	91	Resp	340013
Ion Ratio	Lower	Upper	
91	100		
92	59.4	47.4	71.0





#63

Toluene-d8

Concen: 29.47 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001706.D

Acq: 14 May 2018 11:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 98 Resp: 404012

Ion Ratio Lower Upper

98 100

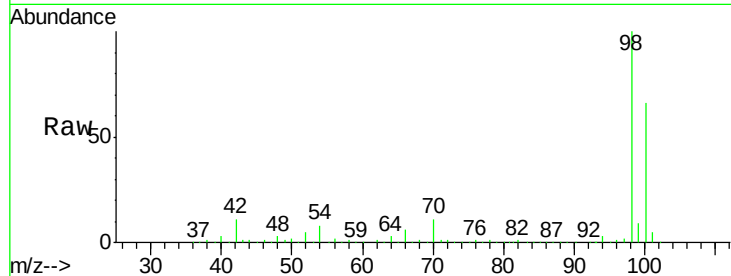
100 66.0 52.2 78.2

Manual Integrations

APPROVED

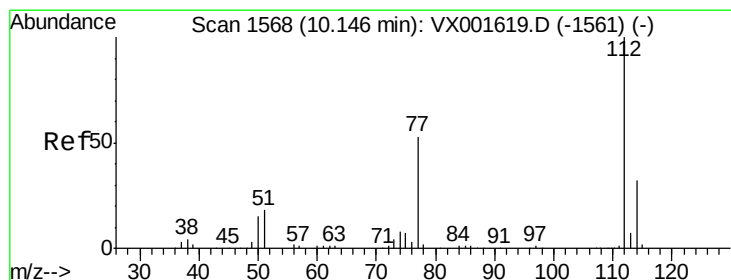
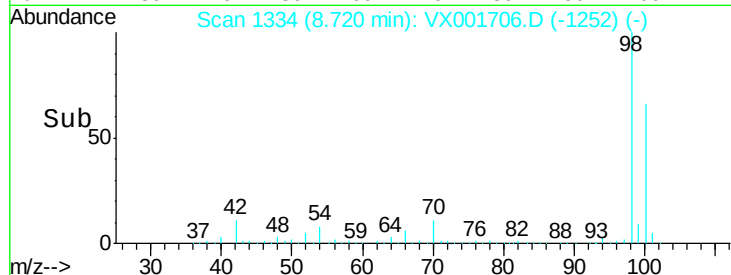
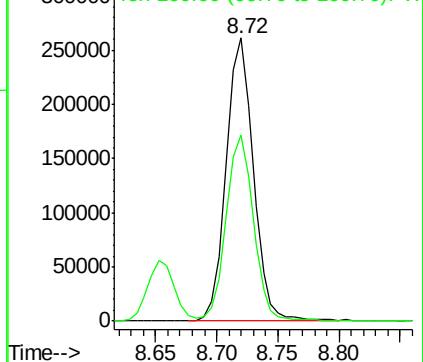
apatel

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Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#64

Chlorobenzene

Concen: 23.54 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX001706.D

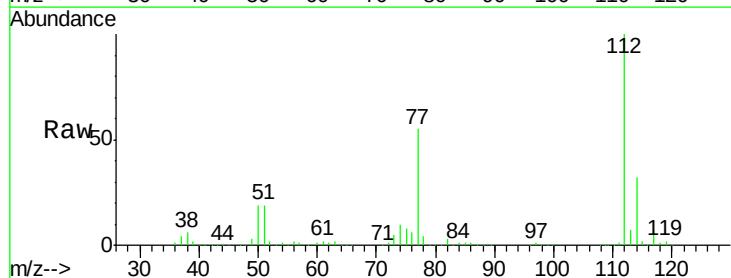
Acq: 14 May 2018 11:14

Tgt Ion: 112 Resp: 228739

Ion Ratio Lower Upper

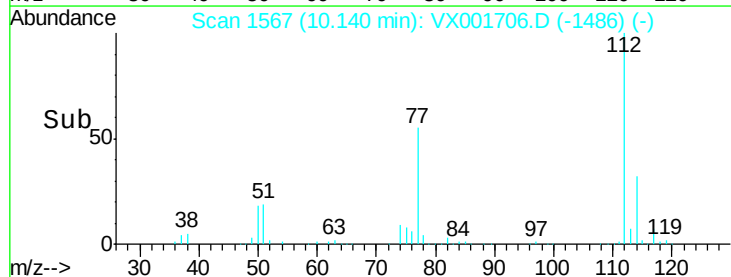
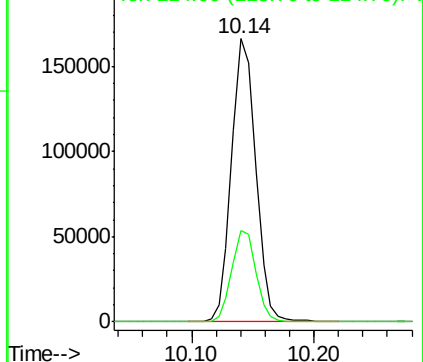
112 100

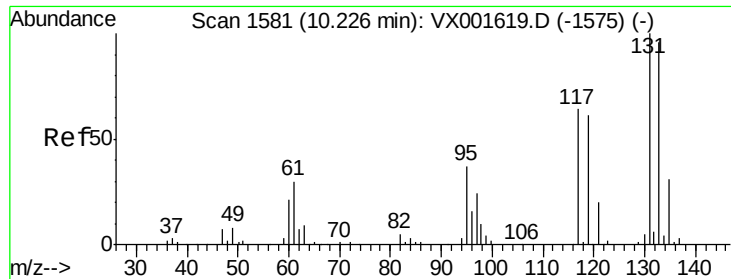
114 32.2 25.3 37.9



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V





#65

1,1,1,2-Tetrachloroethane

Concen: 22.85 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001706.D

Acq: 14 May 2018 11:14

Instrument :

MSVOA_X

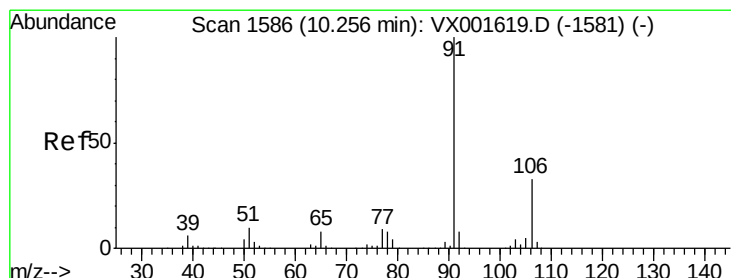
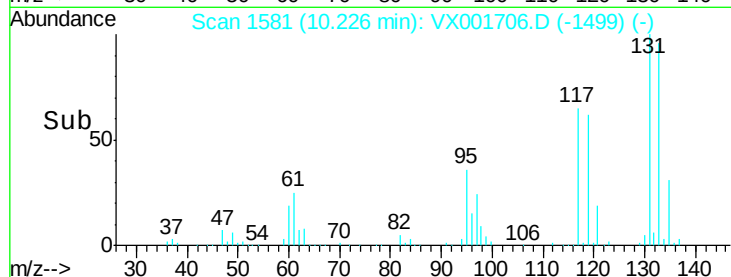
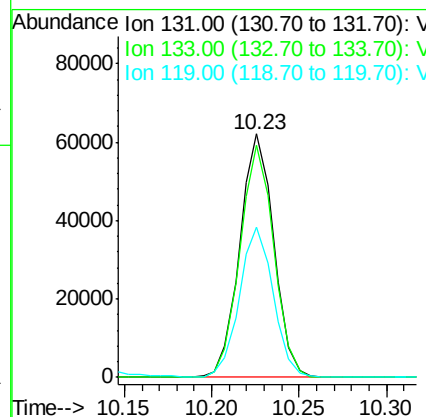
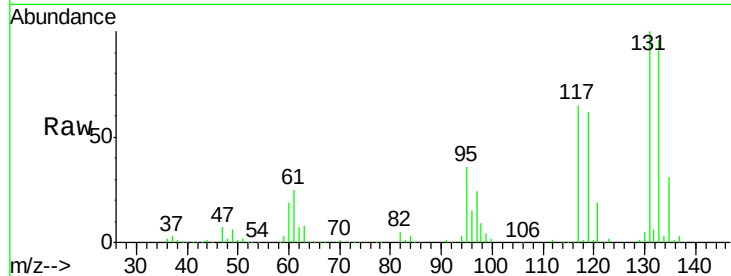
ClientSampleId :

VSTDCCC020

Tot Ion:	131	Resp:	83890
Ion Ratio	Lower	Upper	
131	100		
133	95.3	0.0	191.4
119	61.7	0.0	124.2

Manual Integrations
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#66

Ethyl Benzene

Concen: 24.44 ug/l

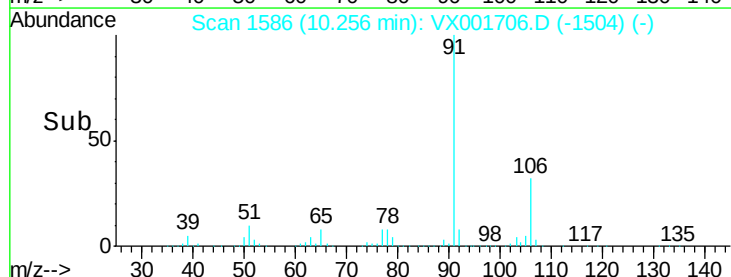
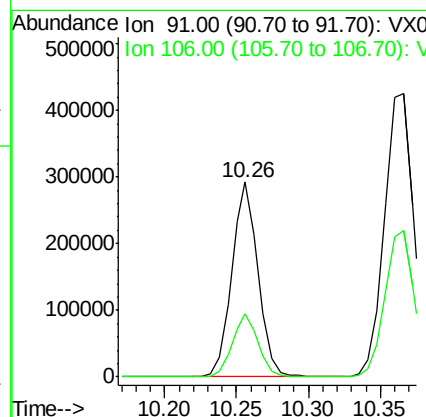
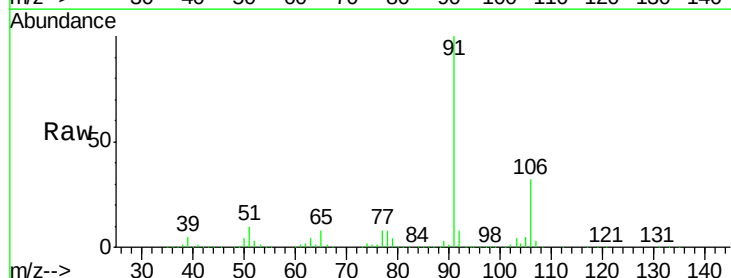
RT: 10.26 min Scan# 1586

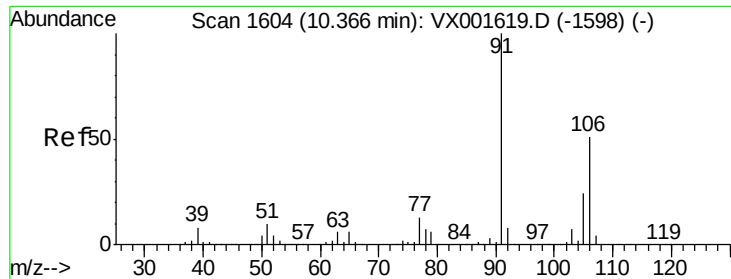
Delta R.T. 0.00 min

Lab File: VX001706.D

Acq: 14 May 2018 11:14

Tgt Ion:	91	Resp:	375014
Ion Ratio	Lower	Upper	
91	100		
106	32.5	26.2	39.4





#67

m/p-Xylenes

Concen: 49.80 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001706.D

Acq: 14 May 2018 11:14

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

Tot Ion:106 Resp: 305161

Ion Ratio Lower Upper

106 100

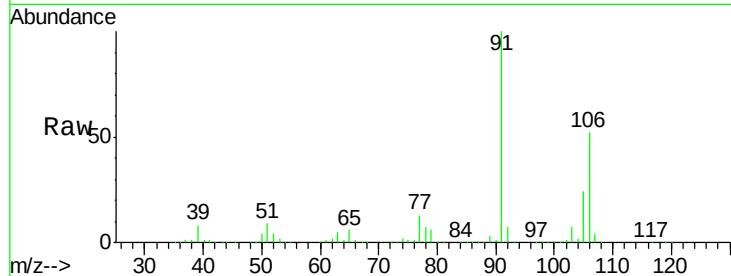
91 196.0 157.8 236.8

Manual Integrations

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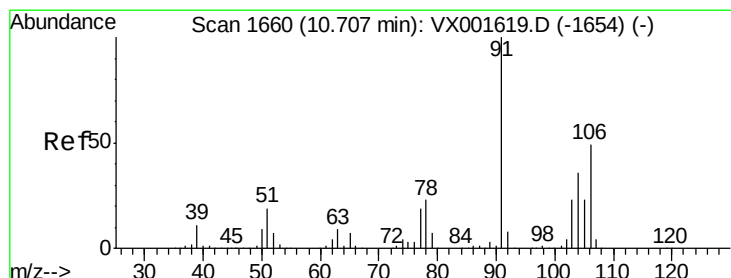
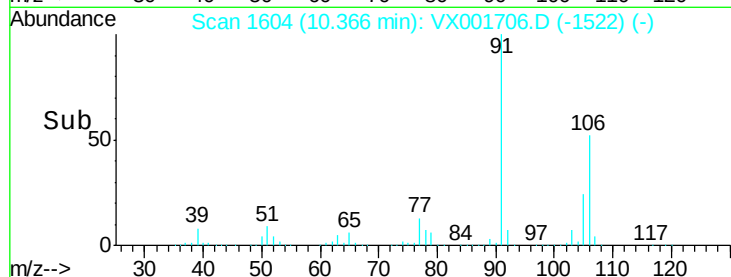
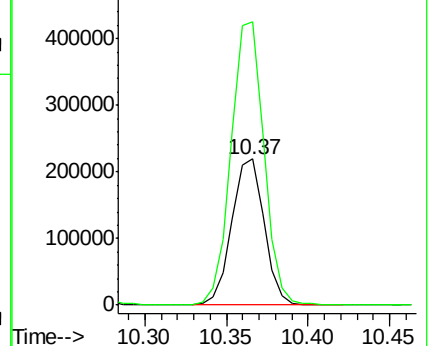
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 23.69 ug/l

RT: 10.70 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX001706.D

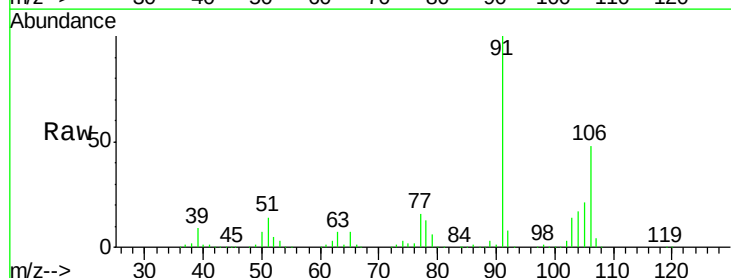
Acq: 14 May 2018 11:14

Tgt Ion:106 Resp: 143615

Ion Ratio Lower Upper

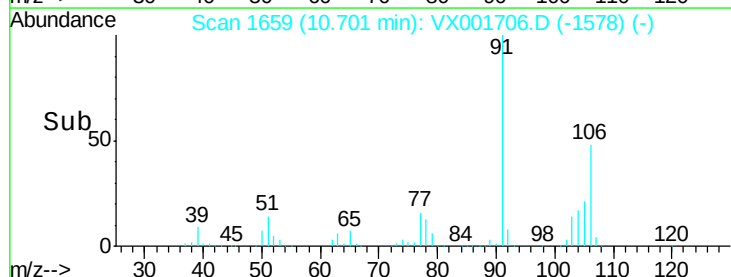
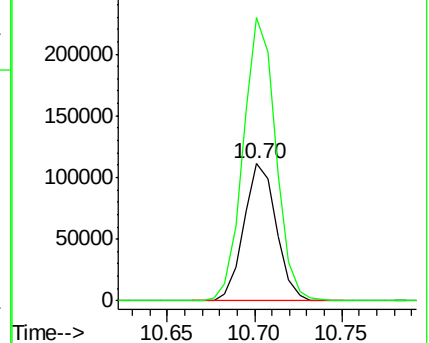
106 100

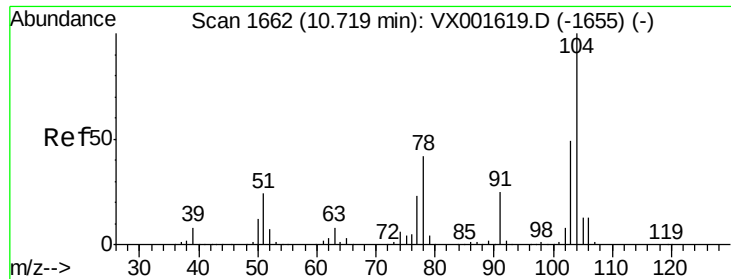
91 207.0 104.3 312.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





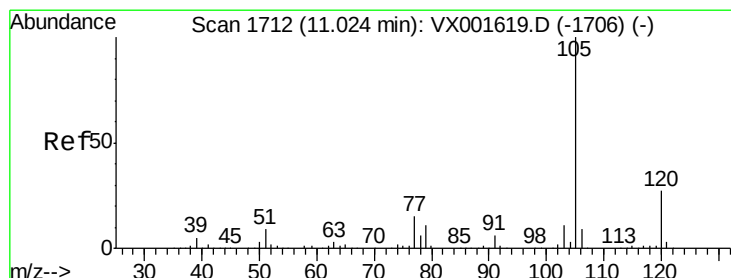
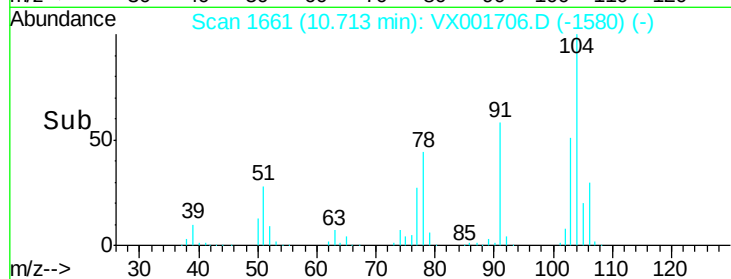
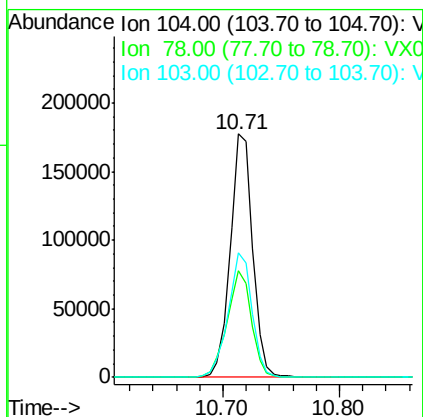
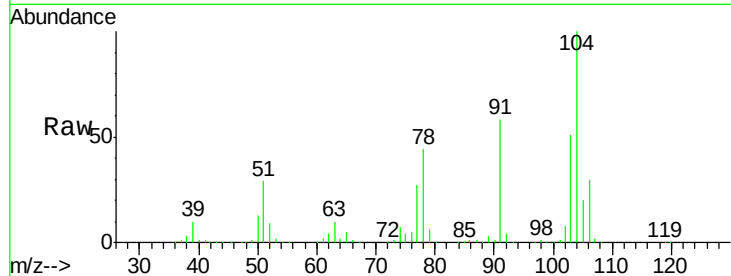
#69
Stvrene
Concen: 23.85 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX001706.D
Acq: 14 May 2018 11:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
104	100		
78	47.3	39.3	58.9
103	54.2	43.7	65.5

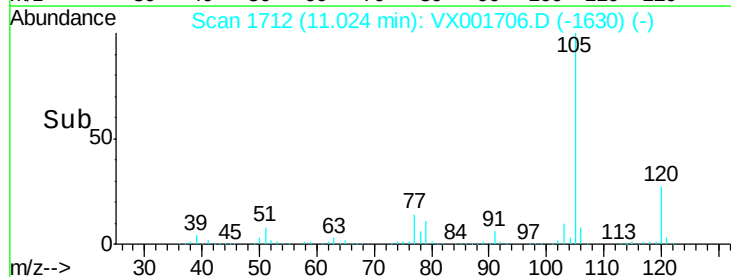
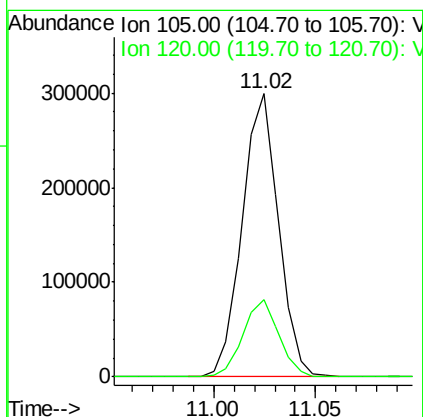
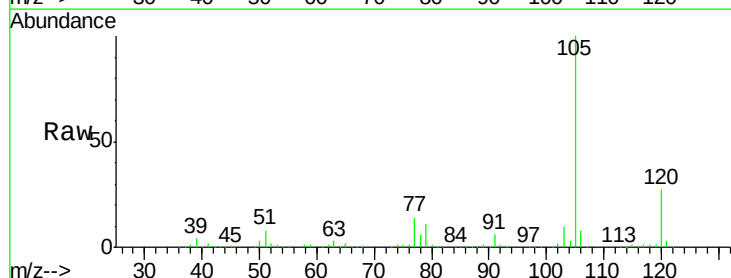
Manual Integrations
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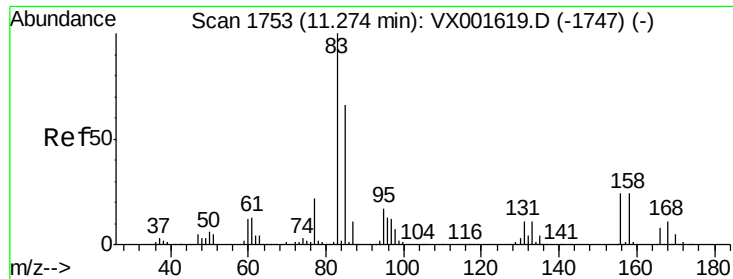
apatel
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#70
Isopropylbenzene
Concen: 23.68 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX001706.D
Acq: 14 May 2018 11:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.1	19.1	35.5





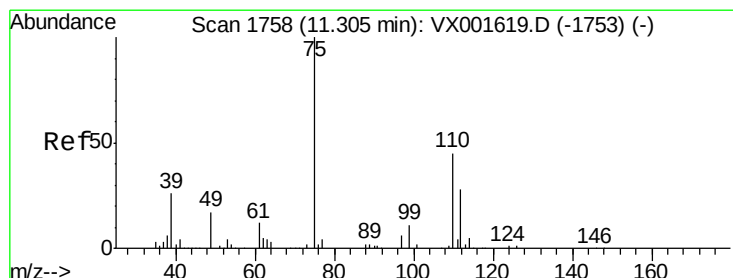
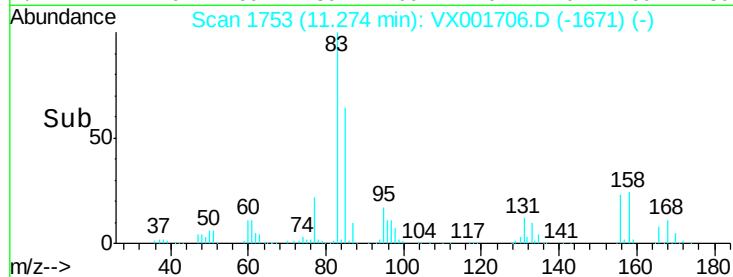
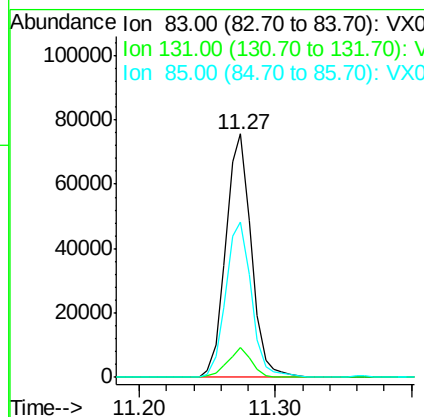
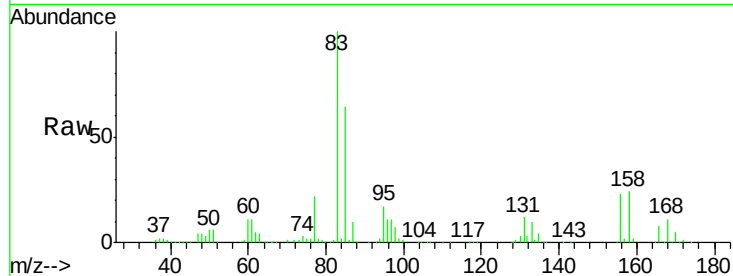
#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.75 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: VX001706.D
 Acq: 14 May 2018 11:14

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC020

Tot Ion	83	Resp	98221
Ion Ratio	100	Lower	Upper
83	100		
131	11.4	5.8	17.4
85	64.5	32.4	97.2

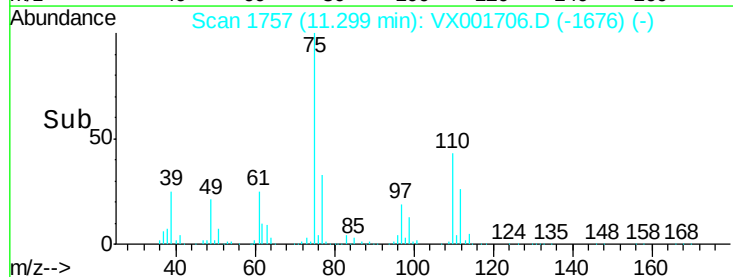
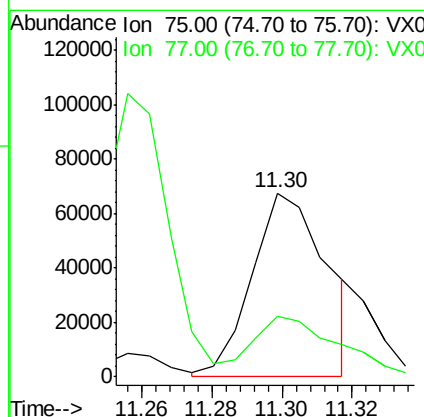
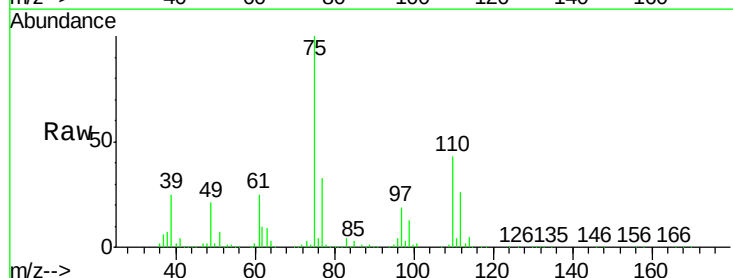
Manual Integrations
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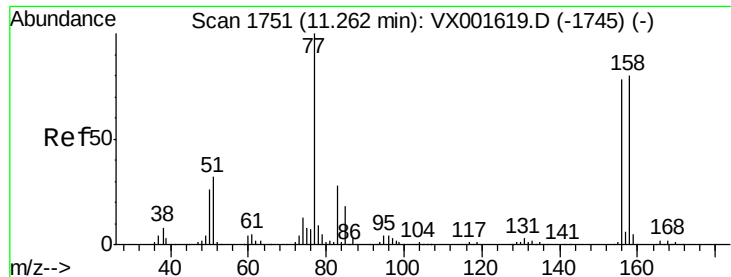
apatel
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#72
 1,2,3-Trichloropropane
 Concen: 19.65 ug/l m
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VX001706.D
 Acq: 14 May 2018 11:14

Tgt Ion	75	Resp	99731
Ion Ratio	100	Lower	Upper
75	100		
77	38.3	0.0	73.2





#73

Bromobenzene

Concen: 21.88 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001706.D

Acq: 14 May 2018 11:14

Instrument :

MSVOA_X

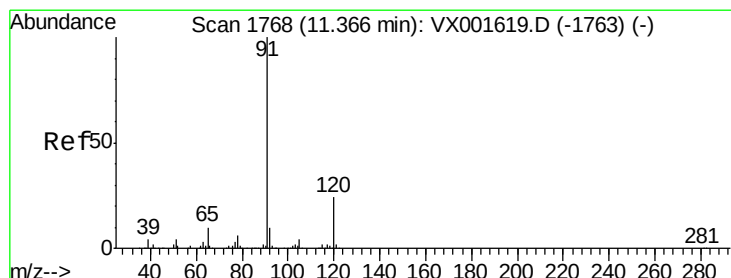
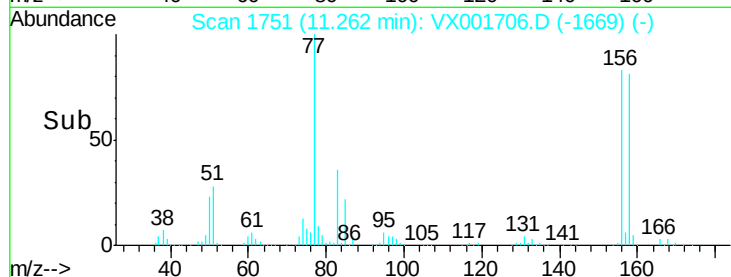
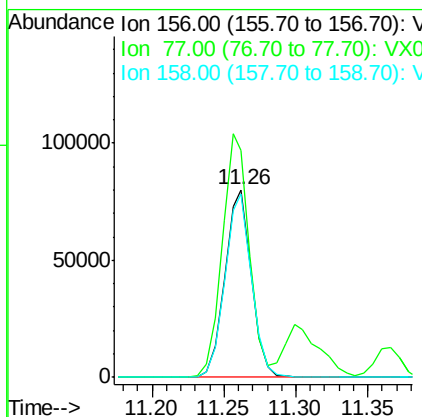
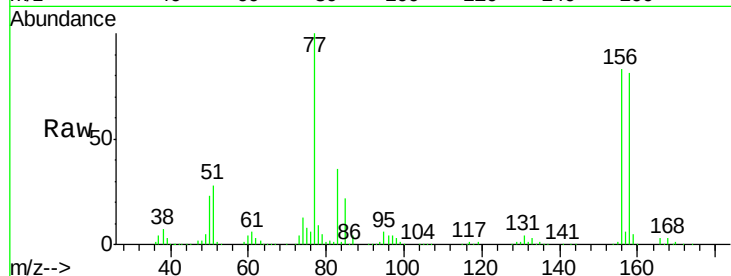
ClientSampleId :

VSTDCCC020

Tot Ion:	156	Resp:	103552
Ion Ratio	Lower	Upper	
156	100		
77	131.3	0.0	266.4
158	98.3	0.0	194.4

Manual Integrations
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#74

n-propylbenzene

Concen: 24.79 ug/l

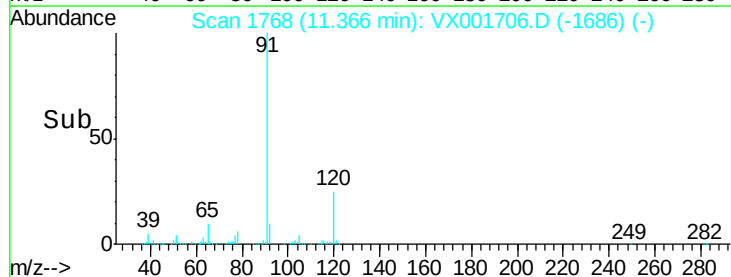
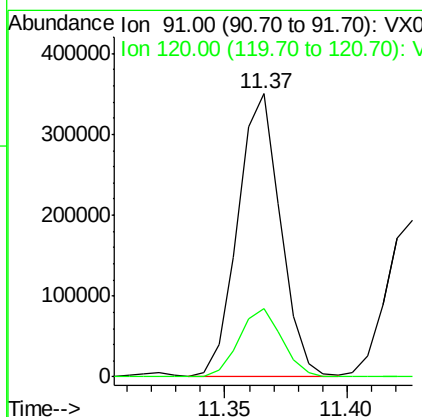
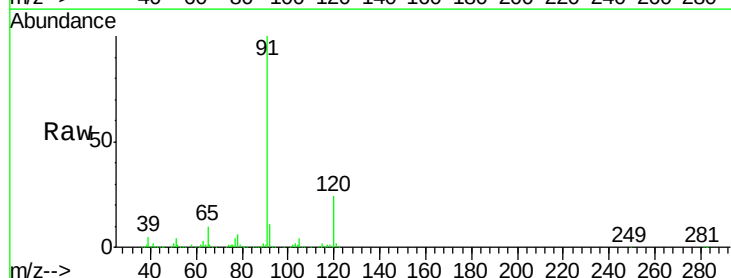
RT: 11.37 min Scan# 1768

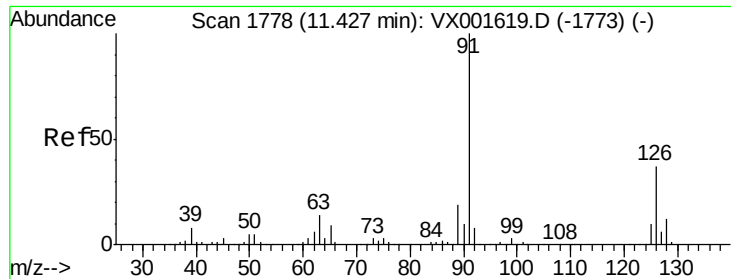
Delta R.T. 0.00 min

Lab File: VX001706.D

Acq: 14 May 2018 11:14

Tgt Ion:	91	Resp:	426270
Ion Ratio	Lower	Upper	
91	100		
120	24.2	0.0	48.0





#75

2-Chlorotoluene

Concen: 23.07 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001706.D

Acq: 14 May 2018 11:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 91 Resp: 248743

Ion Ratio Lower Upper

91 100

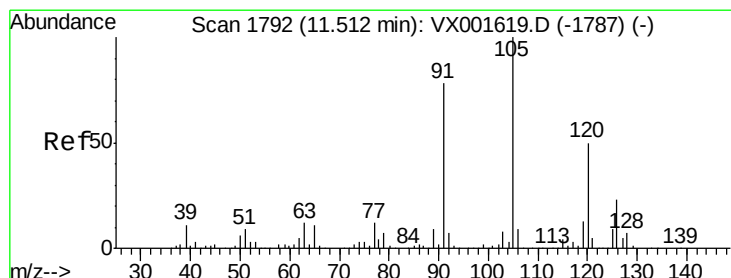
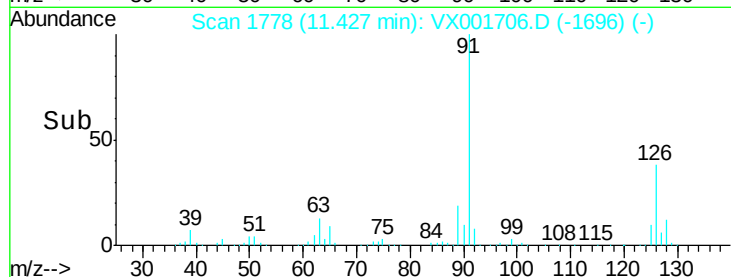
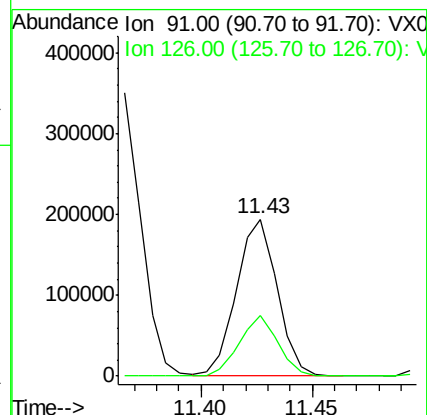
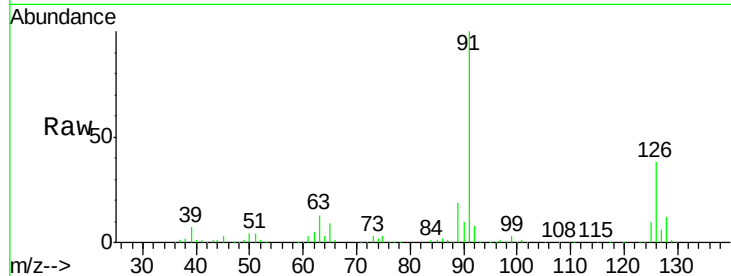
126 36.7 0.0 72.0

Manual Integrations

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#76

1,3,5-Trimethylbenzene

Concen: 23.58 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001706.D

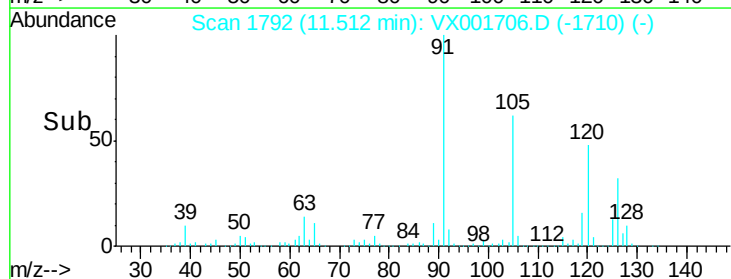
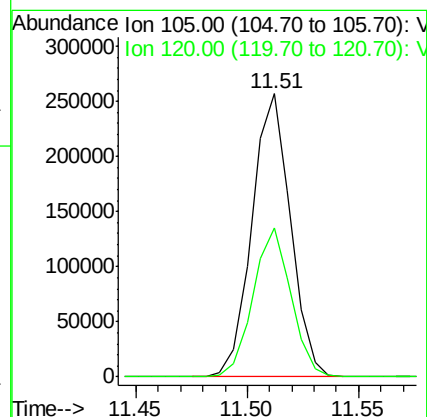
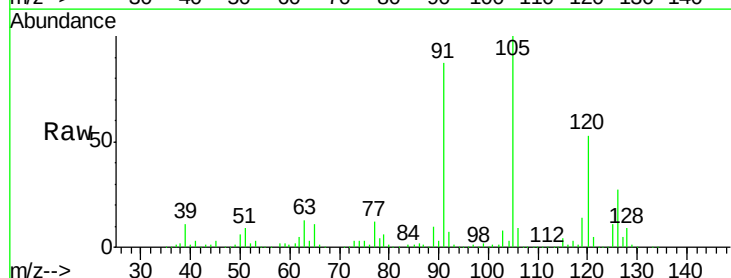
Acq: 14 May 2018 11:14

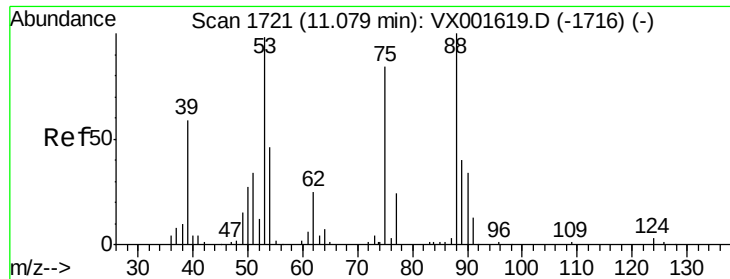
Tgt Ion: 105 Resp: 309947

Ion Ratio Lower Upper

105 100

120 51.8 0.0 101.8





#77

t-1,4-Dichloro-2-butene

Concen: 20.93 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001706.D

Acq: 14 May 2018 11:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 75 Resp: 27321

Ion Ratio Lower Upper

75 100

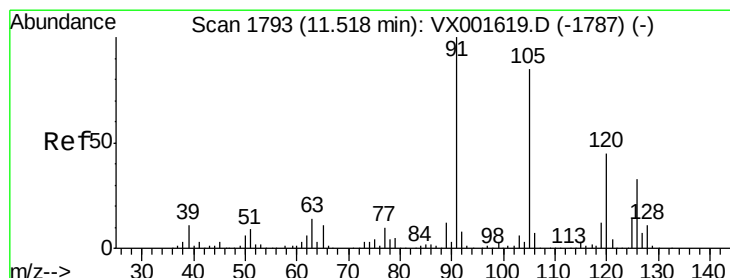
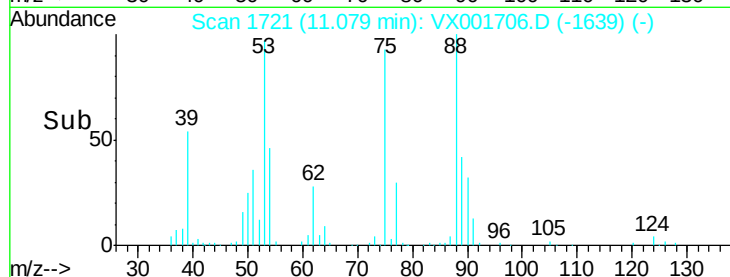
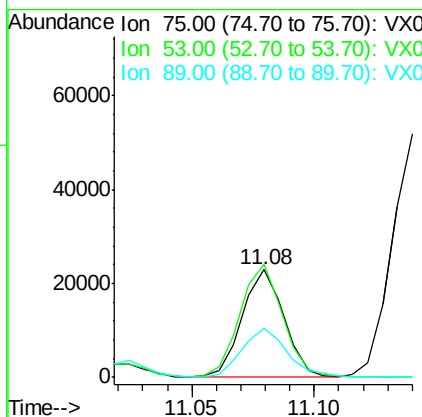
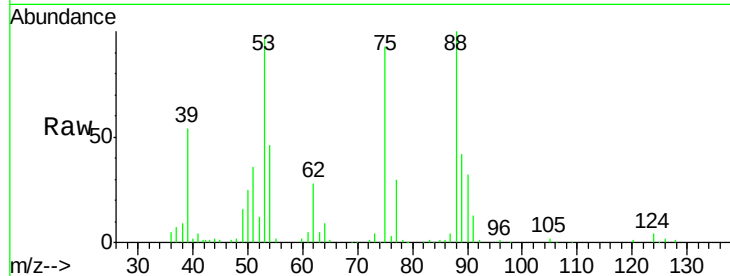
53 104.2 58.3 174.8

89 45.4 23.9 71.8

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#78

4-Chlorotoluene

Concen: 23.66 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX001706.D

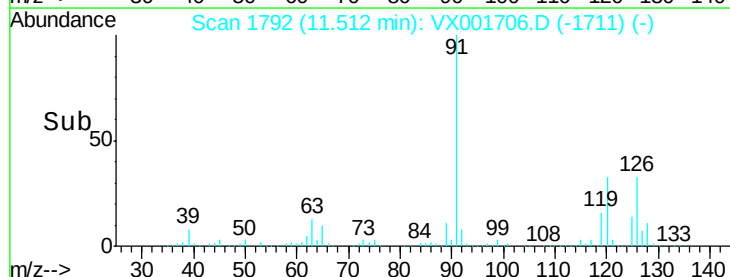
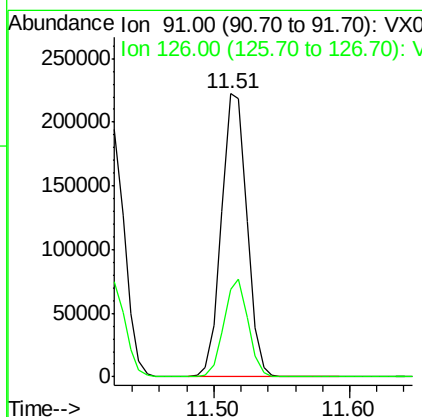
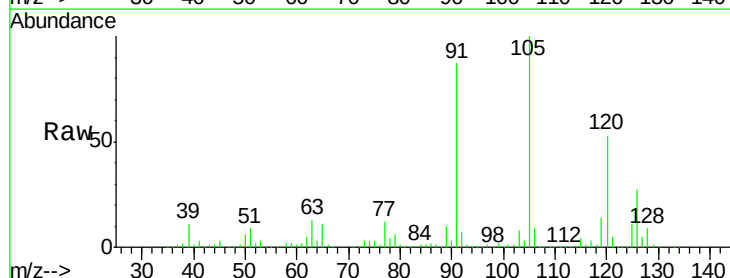
Acq: 14 May 2018 11:14

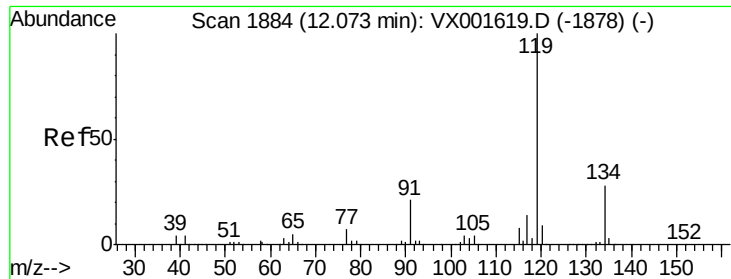
Tgt Ion: 91 Resp: 290084

Ion Ratio Lower Upper

91 100

126 32.6 0.0 64.8





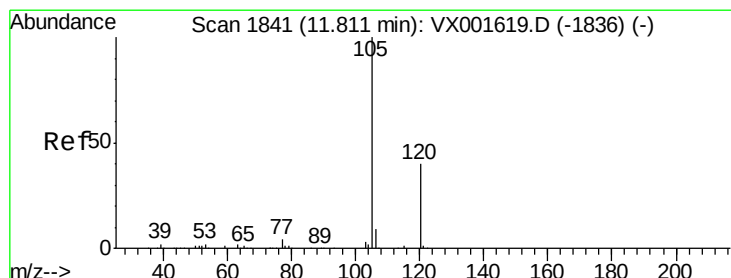
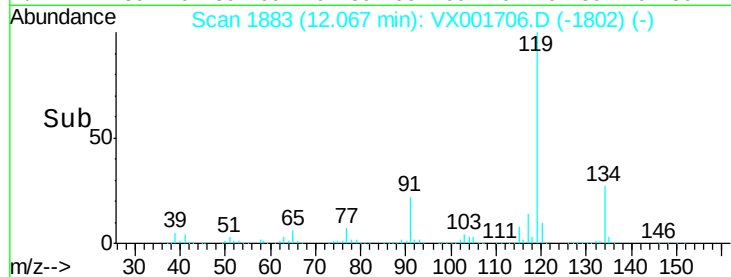
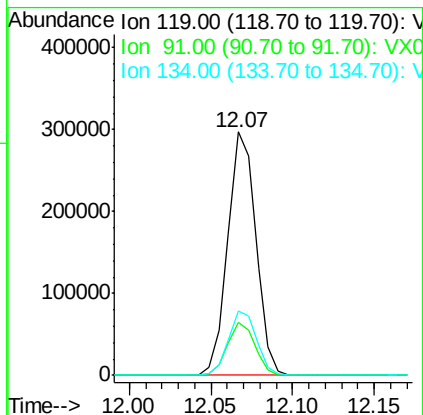
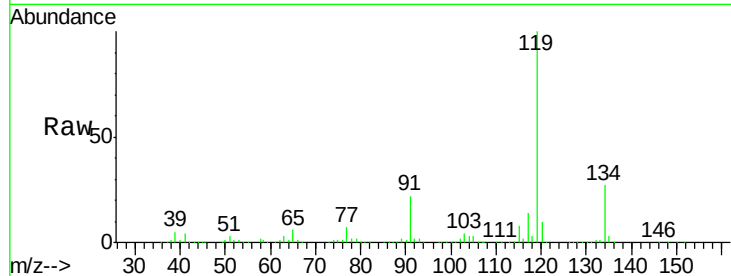
#79
tert-butylbenzene
Concen: 25.68 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.01 min
Lab File: VX001706.D
Acq: 14 May 2018 11:14

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	357086		
91	21.2	0.0	44.0	
134	26.6	0.0	53.8	

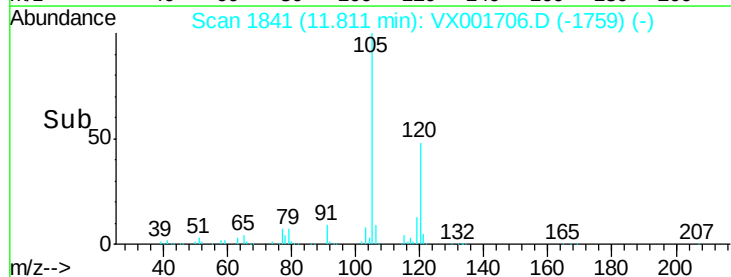
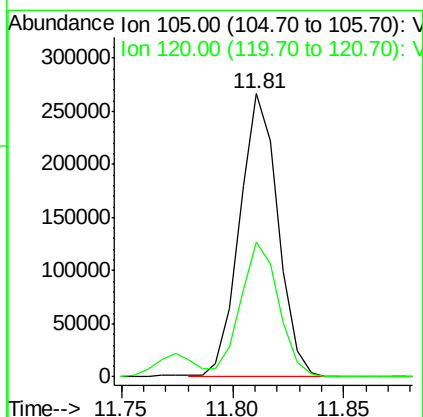
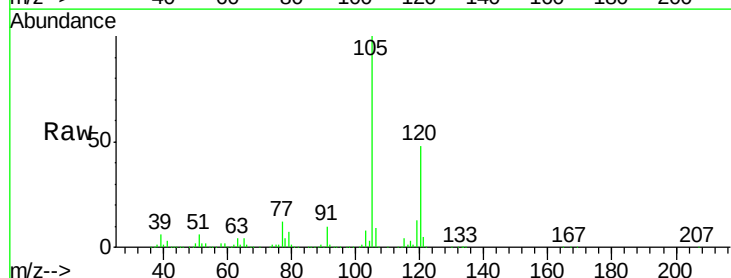
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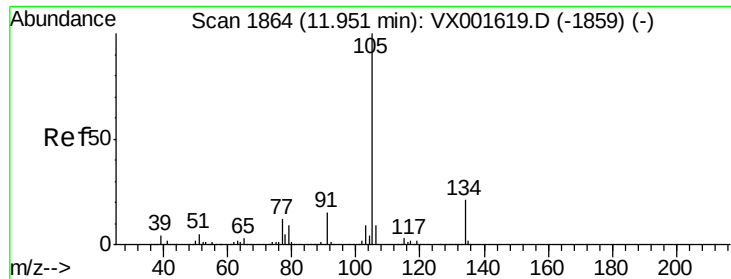
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#80
1,2,4-Trimethylbenzene
Concen: 23.78 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX001706.D
Acq: 14 May 2018 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	319057		
120	47.0	0.0	94.0	





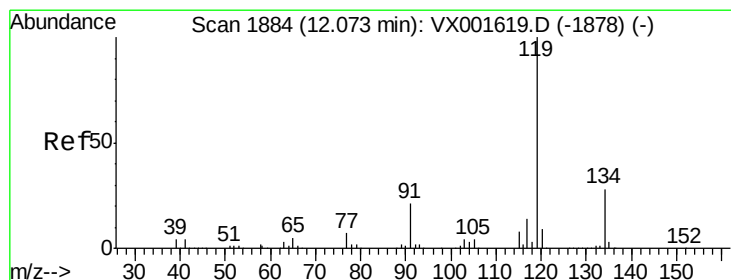
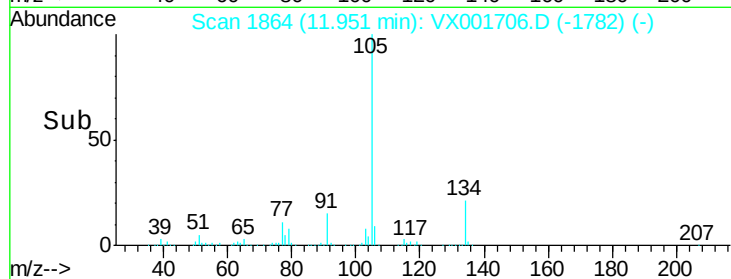
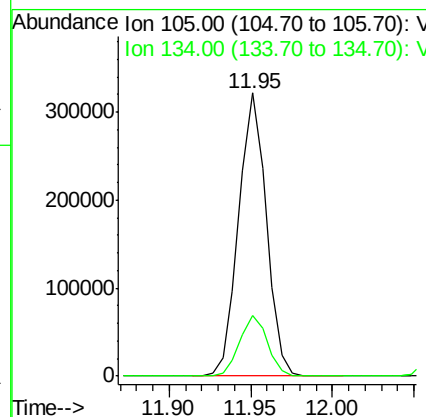
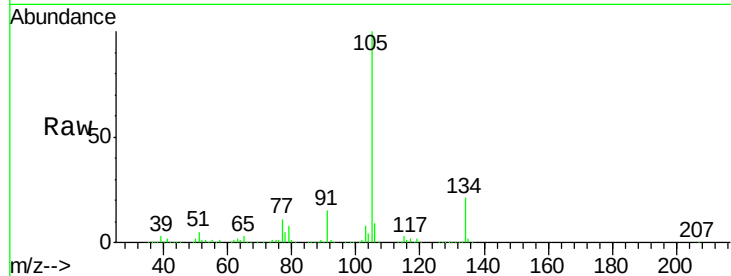
#81
 sec-Butylbenzene
 Concen: 25.00 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001706.D
 Acq: 14 May 2018 11:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
105	100	380586		
134	21.6	0.0	43.4	

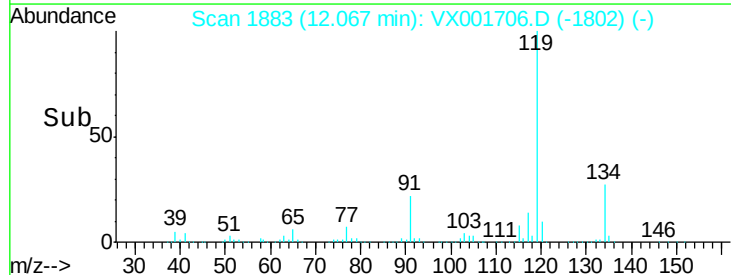
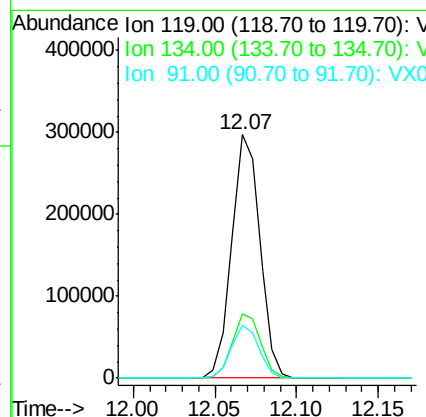
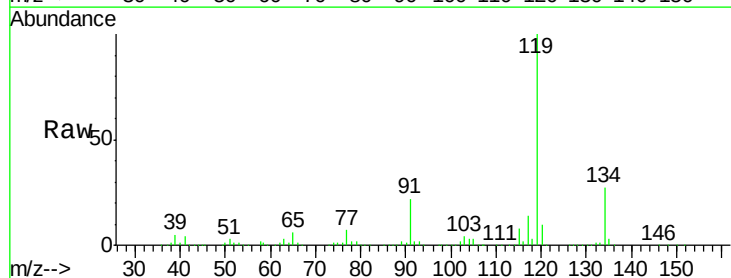
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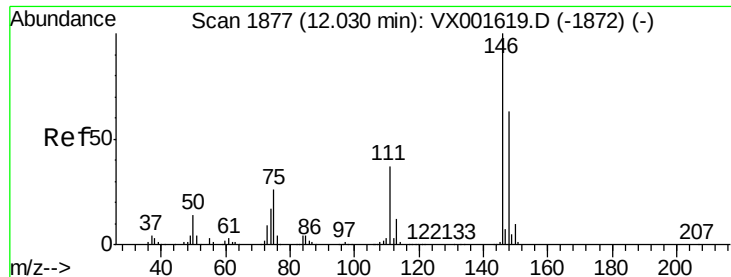
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#82
 p-Isopropyltoluene
 Concen: 25.68 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX001706.D
 Acq: 14 May 2018 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	357086		
134	26.6	0.0	53.8	
91	21.2	0.0	44.0	





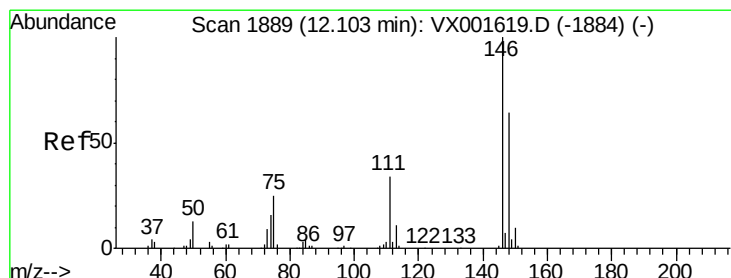
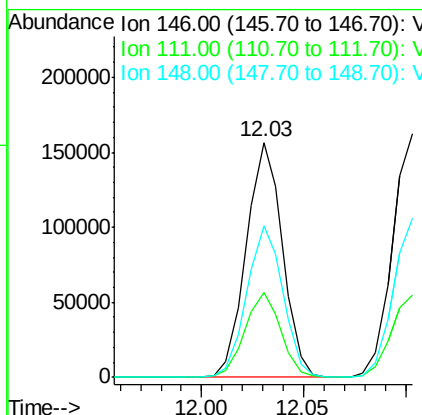
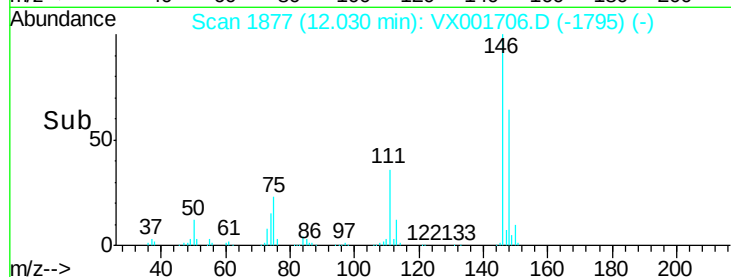
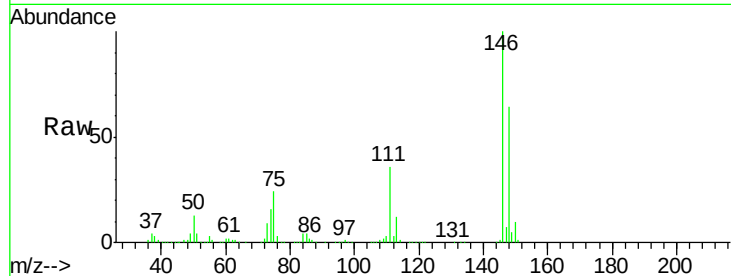
#83
 1,3-Dichlorobenzene
 Concen: 23.42 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001706.D
 Acq: 14 May 2018 11:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.7	18.1	54.1
148	64.4	32.2	96.6

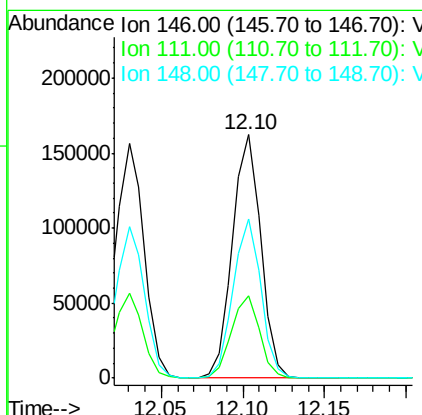
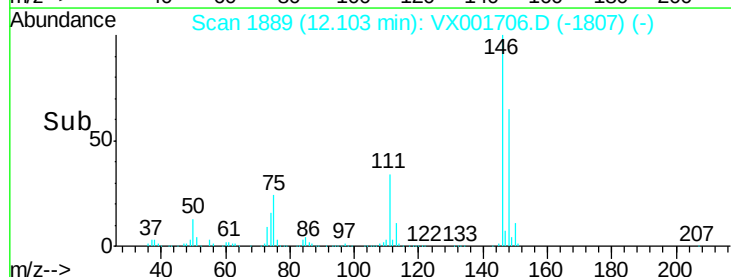
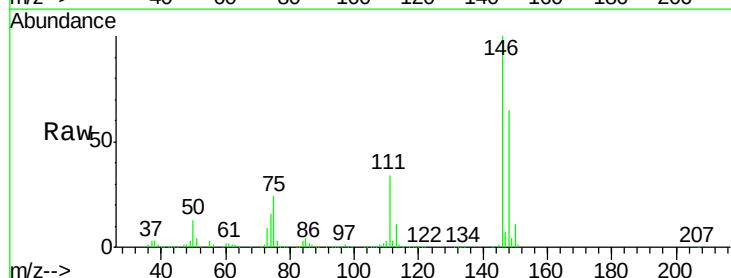
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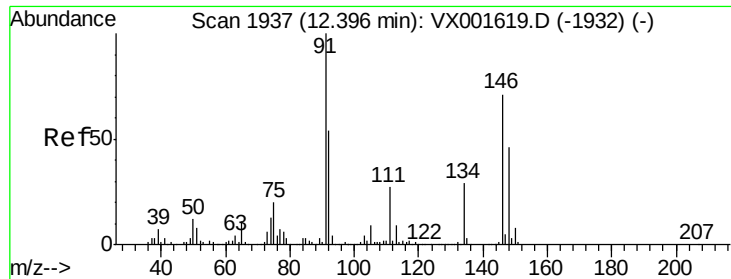
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#84
 1,4-Dichlorobenzene
 Concen: 23.80 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001706.D
 Acq: 14 May 2018 11:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	33.4	17.4	52.3
148	63.9	32.5	97.4





#85

n-Butylbenzene

Concen: 26.68 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VX001706.D

Acq: 14 May 2018 11:14

Instrument :

MSVOA_X

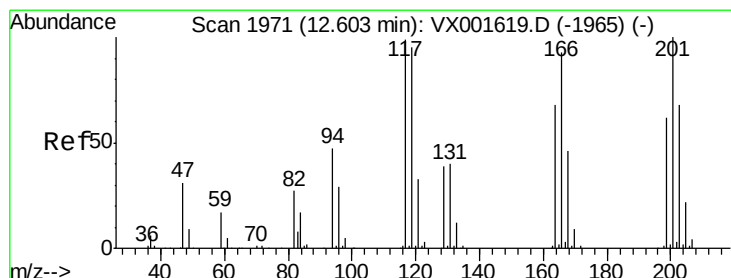
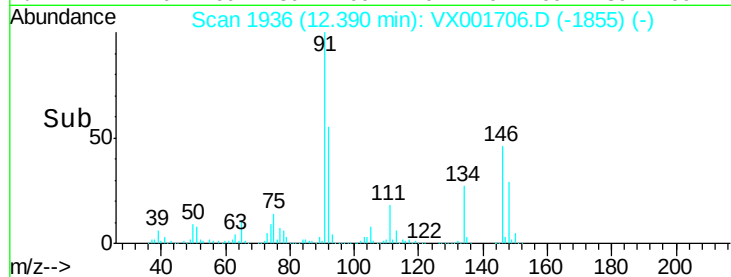
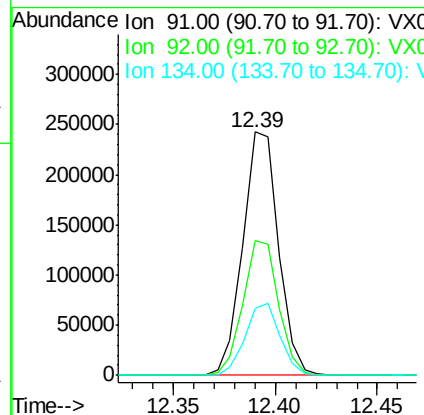
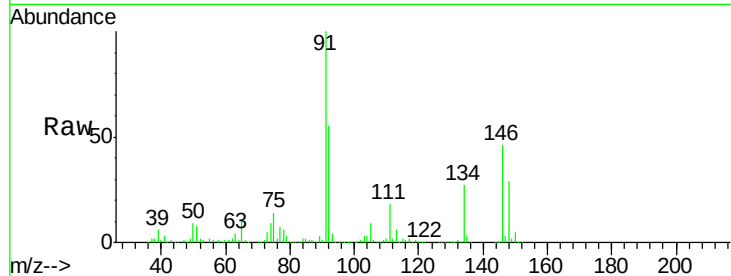
ClientSampleId :

VSTDCCC020

Tot Ion:	91	Resp:	295020
Ion	Ratio	Lower	Upper
91	100		
92	54.9	0.0	107.8
134	29.0	0.0	56.8

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#86

Hexachloroethane

Concen: 23.35 ug/l

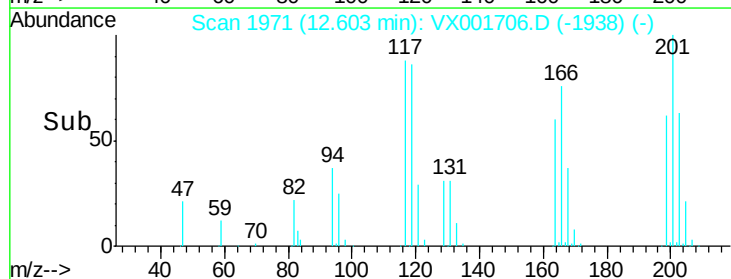
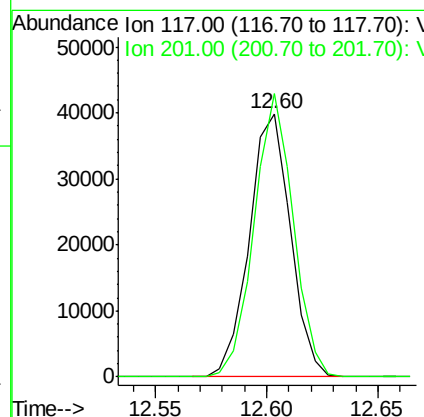
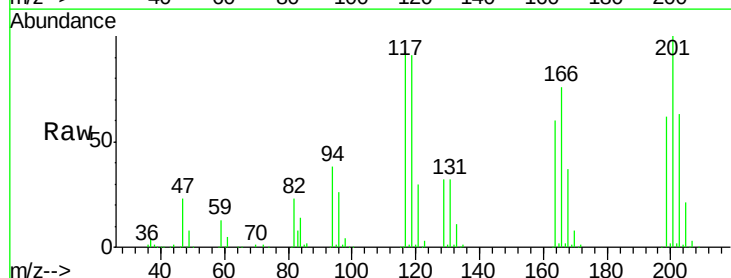
RT: 12.60 min Scan# 1971

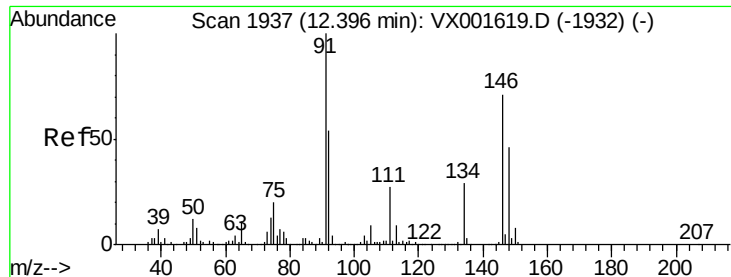
Delta R.T. 0.00 min

Lab File: VX001706.D

Acq: 14 May 2018 11:14

Tgt Ion:	117	Resp:	51518
Ion	Ratio	Lower	Upper
117	100		
201	101.6	50.1	150.3





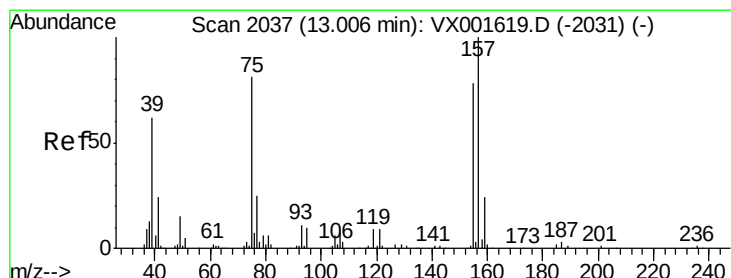
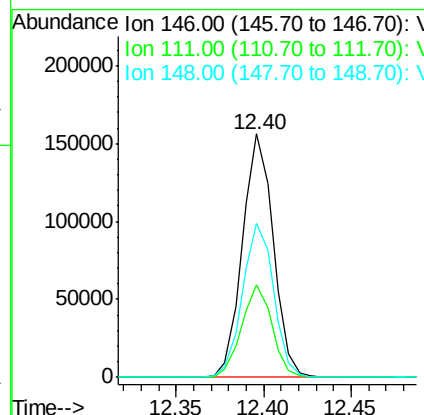
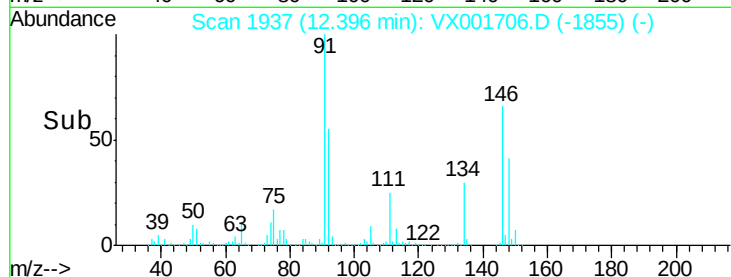
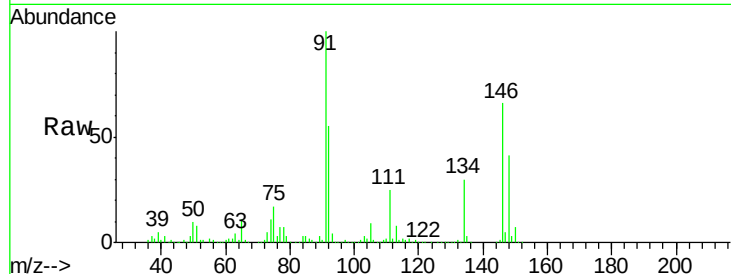
#87
 1,2-Dichlorobenzene
 Concen: 22.33 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001706.D
 Acq: 14 May 2018 11:14

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
146	100	191107		
111	37.4	18.7	56.1	
148	63.9	32.1	96.5	

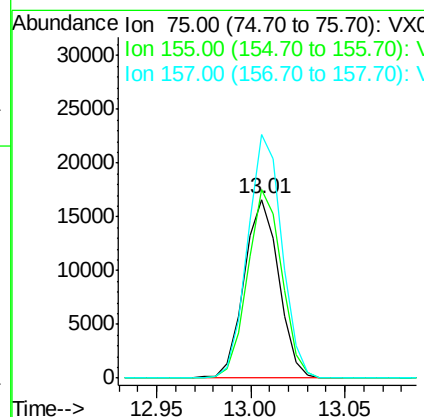
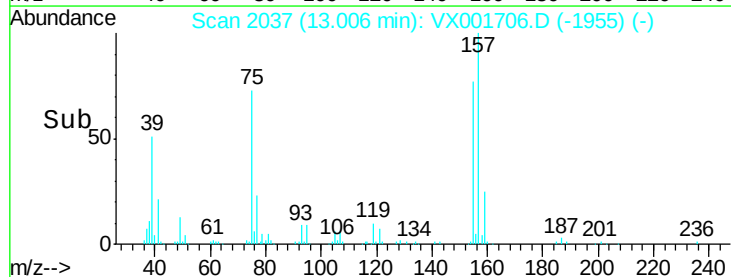
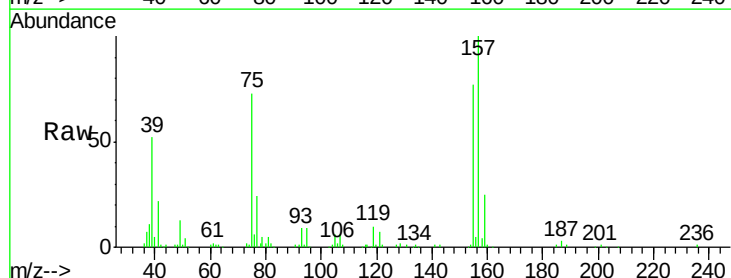
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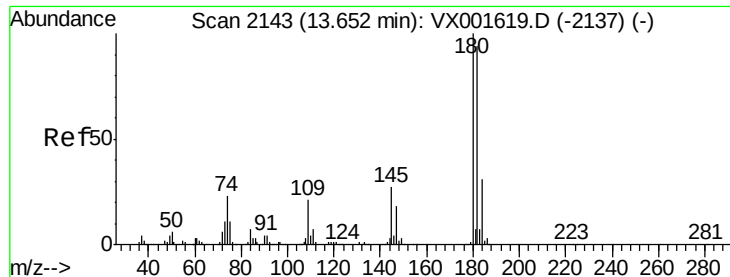
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.37 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001706.D
 Acq: 14 May 2018 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	21201		
155	103.8	79.8	119.8	
157	134.9	105.4	158.2	





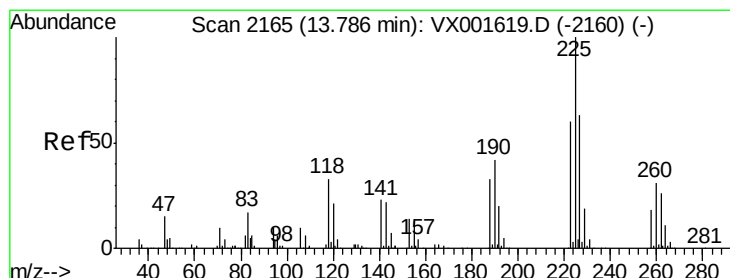
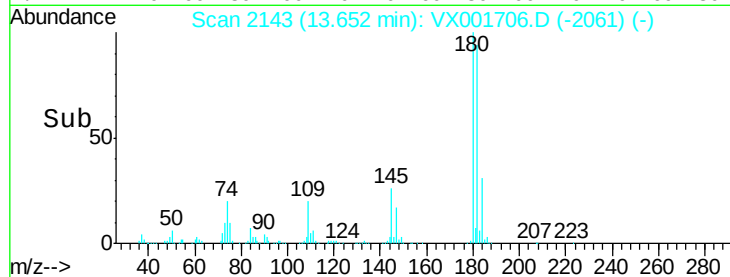
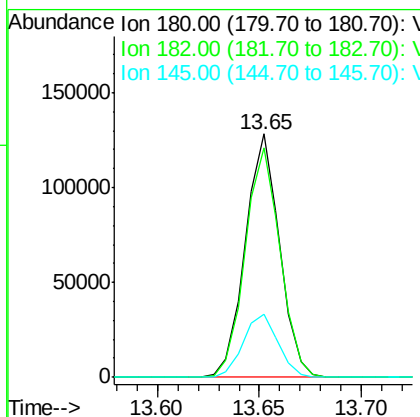
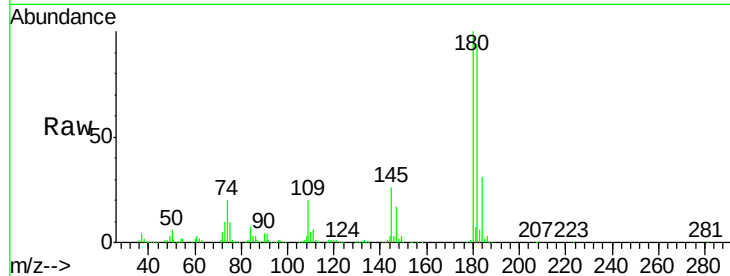
#89
 1,2,4-Trichlorobenzene
 Concen: 24.56 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001706.D
 Acq: 14 May 2018 11:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
180	100	149338		
182	96.0	76.6	115.0	
145	26.6	21.5	32.3	

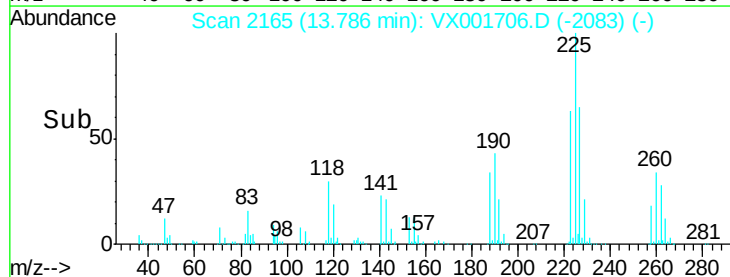
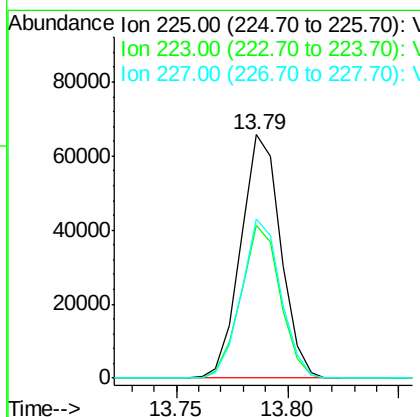
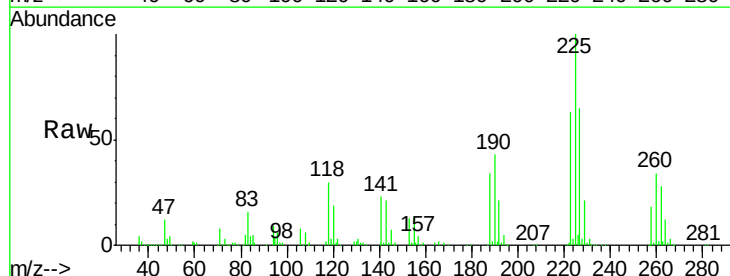
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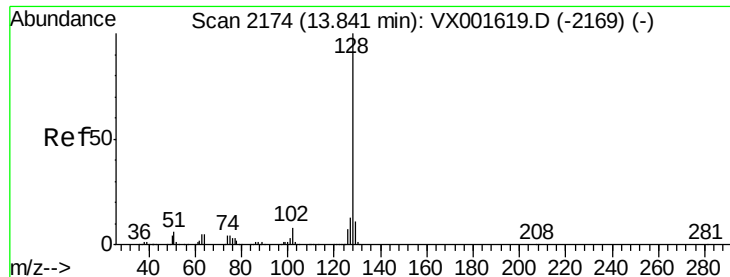
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#90
 Hexachlorobutadiene
 Concen: 26.47 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001706.D
 Acq: 14 May 2018 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	82364		
223	62.1	0.0	120.2	
227	64.4	0.0	126.6	





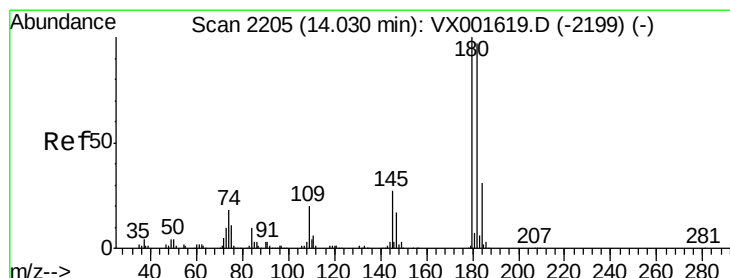
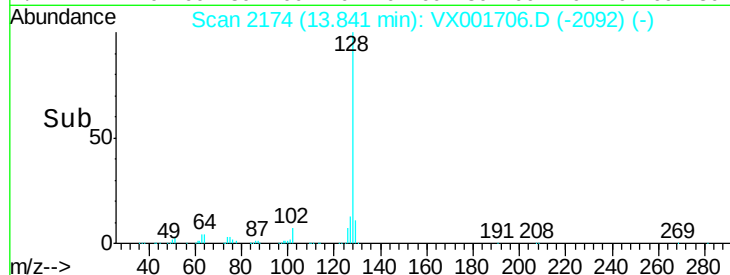
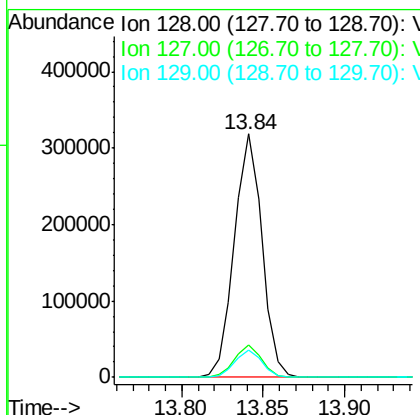
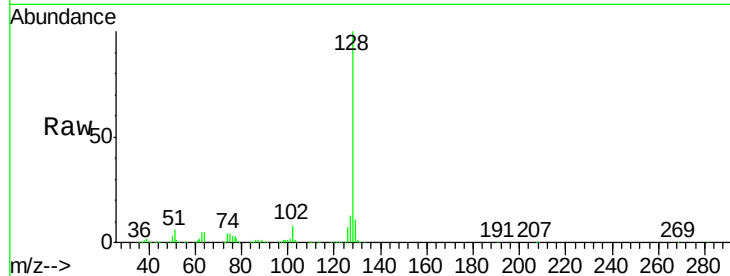
#91
Naphthalene
Concen: 20.68 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001706.D
Acq: 14 May 2018 11:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion:	128	Resp:	376556
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.3	15.5
129	11.0	8.8	13.2

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#92
1,2,3-Trichlorobenzene
Concen: 23.45 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.01 min
Lab File: VX001706.D
Acq: 14 May 2018 11:14

Tgt Ion:	180	Resp:	150818
Ion Ratio	Lower	Upper	
180	100		
182	95.5	0.0	192.2
145	28.2	0.0	56.0

