

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052518\
 Data File : VX001970.D
 Acq On : 25 May 2018 12:10
 Operator : JC/MD
 Sample : VX0525WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525WBS01

Manual Integrations
 APPROVED

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 6/4/2018 2:35:19 PM

Quant Time: May 26 01:45:54 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	278636	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	389747	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	351880	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	229735	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	237758	47.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.48%	
35) Dibromofluoromethane	5.51	113	185899	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	
50) Toluene-d8	8.72	98	681230	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	
62) 4-Bromofluorobenzene	11.14	95	259596	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	69146	18.550	ug/l	99
3) Chloromethane	1.32	50	82259	19.188	ug/l	99
4) Vinyl Chloride	1.40	62	82066	19.825	ug/l	98
5) Bromomethane	1.64	94	51725	26.698	ug/l	100
6) Chloroethane	1.72	64	49825	20.418	ug/l	98
7) Trichlorofluoromethane	1.93	101	129143	20.774	ug/l	99
8) Diethyl Ether	2.19	74	48783	21.628	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	71527	20.620	ug/l	99
10) Methyl Iodide	2.51	142	84182	17.936	ug/l	98
11) Tert butyl alcohol	3.08	59	109512	112.014	ug/l	98
12) 1,1-Dichloroethene	2.37	96	64317	19.804	ug/l	97
13) Acrolein	2.30	56	41142	97.330	ug/l	96
14) Allyl chloride	2.73	41	143533	21.054	ug/l	99
15) Acrylonitrile	3.15	53	209548	104.230	ug/l	100
16) Acetone	2.45	43	218407	113.625	ug/l	99
17) Carbon Disulfide	2.57	76	188357	20.152	ug/l	99
18) Methyl Acetate	2.78	43	106484	22.368	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	255925	20.951	ug/l	98
20) Methylene Chloride	2.86	84	76693	22.114	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	69884	21.192	ug/l	97
22) Diisopropyl ether	3.88	45	273533	19.726	ug/l	99
23) Vinyl Acetate	3.83	43	1206012	104.897	ug/l	100
24) 1,1-Dichloroethane	3.70	63	138736	21.062	ug/l	100
25) 2-Butanone	4.72	43	342314	97.165	ug/l	100
26) 2,2-Dichloropropane	4.59	77	129940	19.489	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	81971	19.356	ug/l	94
28) Bromochloromethane	5.03	49	61529	21.046	ug/l	100
29) Tetrahydrofuran	5.17	42	222753	97.182	ug/l	99
30) Chloroform	5.22	83	139961	18.860	ug/l	97
31) Cyclohexane	5.58	56	124780	18.182	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	131340	18.984	ug/l	100
36) 1,1-Dichloropropene	5.81	75	100933	18.618	ug/l	99
37) Ethyl Acetate	4.87	43	130418	18.453	ug/l	100
38) Carbon Tetrachloride	5.79	117	117496	18.586	ug/l	98

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Quant Time: May 26 01:45:54 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	125599	18.858	ug/l	98
40) Benzene	6.15	78	303598	19.115	ug/l	100
41) Methacrylonitrile	5.07	41	74548	19.148	ug/l	99
42) 1,2-Dichloroethane	6.21	62	118451	18.671	ug/l	100
43) Isopropyl Acetate	6.48	43	227411	19.311	ug/l	99
44) Trichloroethene	7.22	130	88756	19.177	ug/l	100
45) 1,2-Dichloropropane	7.52	63	83224	19.295	ug/l	100
46) Dibromomethane	7.67	93	55492	19.432	ug/l	99
47) Bromodichloromethane	7.90	83	113618	18.660	ug/l	99
48) Methyl methacrylate	7.79	41	113415	18.923	ug/l	99
49) 1,4-Dioxane	7.76	88	42601	403.345	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	699824	98.581	ug/l	98
52) Toluene	8.79	92	193941	19.187	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	133830	19.083	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	130164	19.047	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	79172	18.750	ug/l	98
56) Ethyl methacrylate	9.19	69	134719	18.549	ug/l	99
57) 1,3-Dichloropropane	9.38	76	132692	19.076	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	285890	88.811	ug/l	99
59) 2-Hexanone	9.50	43	544039	99.390	ug/l	99
60) Dibromochloromethane	9.59	129	94063	18.808	ug/l	100
61) 1,2-Dibromoethane	9.68	107	83707	18.893	ug/l	100
64) Tetrachloroethene	9.34	164	97332	19.292	ug/l	99
65) Chlorobenzene	10.14	112	216431	19.414	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	85788	19.056	ug/l	99
67) Ethyl Benzene	10.26	91	376146	19.419	ug/l	100
68) m/p-Xylenes	10.37	106	288903	39.018	ug/l	99
69) o-Xylene	10.70	106	141861	19.188	ug/l	99
70) Styrene	10.72	104	238062	19.416	ug/l	99
71) Bromoform	10.87	173	78208	18.321	ug/l #	98
73) Isopropylbenzene	11.02	105	384441	19.761	ug/l	99
74) N-amyl acetate	6.48	43	227411	20.684	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	114885	20.854	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	123562m	22.392	ug/l	
77) Bromobenzene	11.26	156	101395	19.645	ug/l	99
78) n-propylbenzene	11.37	91	423021	19.415	ug/l	100
79) 2-Chlorotoluene	11.43	91	257168	20.139	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	322129	19.376	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	42350	18.446	ug/l	96
82) 4-Chlorotoluene	11.52	91	299505	19.489	ug/l	98
83) tert-Butylbenzene	11.77	119	316813	19.419	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	332690	19.364	ug/l	99
85) sec-Butylbenzene	11.95	105	383831	19.572	ug/l	99
86) p-Isopropyltoluene	12.07	119	343698	19.585	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	177786	19.233	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	177579	19.216	ug/l	100
89) n-Butylbenzene	12.40	91	286894	19.293	ug/l	100
90) Hexachloroethane	12.60	117	64954	18.764	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	183666	19.501	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	31770	18.368	ug/l	99

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Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	128749	19.117	ug/l	100
94) Hexachlorobutadiene	13.79	225	69193	19.100	ug/l	99
95) Naphthalene	13.84	128	405324	19.535	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	134301	19.273	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

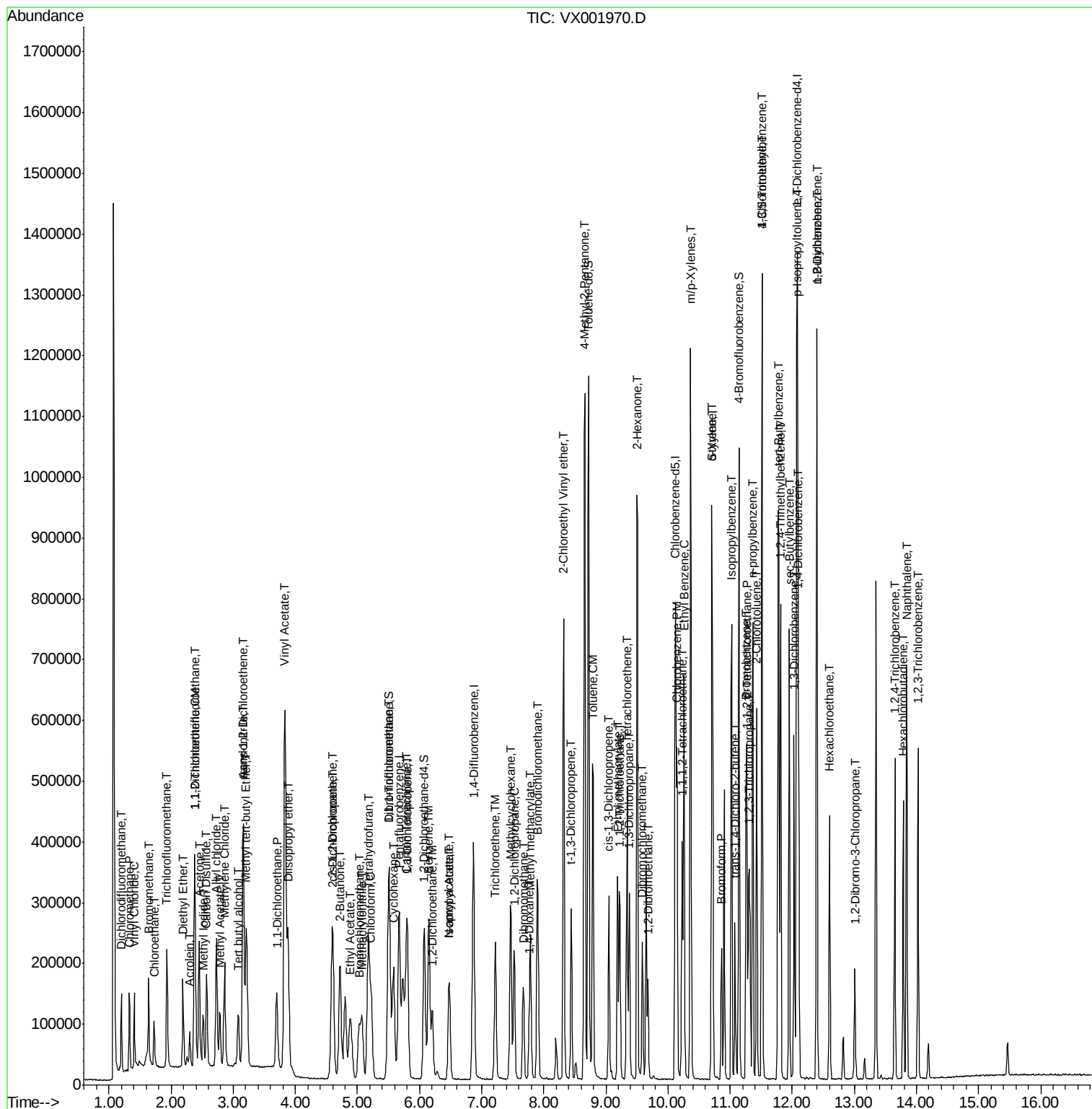
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Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052518\  
Data File : VX001970.D  
Acq On    : 25 May 2018  12:10  
Operator  : JC/MD  
Sample    : VX0525WBS01  
Misc      : 5.0mL/MSVOA X/WATER  
ALS Vial  : 5      Sample Multiplier: 1
```

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBS01

Manual Integrations APPROVED

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Quant Time: May 26 01:45:54 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001970.D

Acq: 25 May 2018 12:10

Instrument :

MSVOA_X

ClientSampled :

VX0525WBS01

Tot Ion:168 Resp: 278636

Ion Ratio Lower Upper

168 100

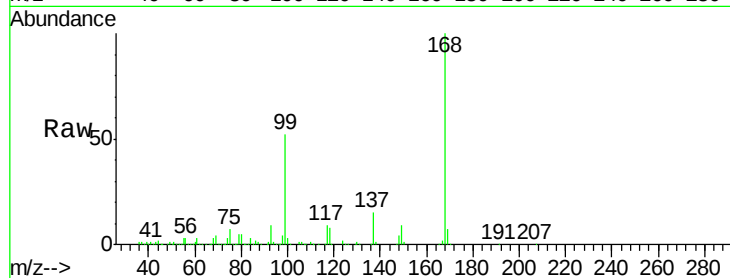
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Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

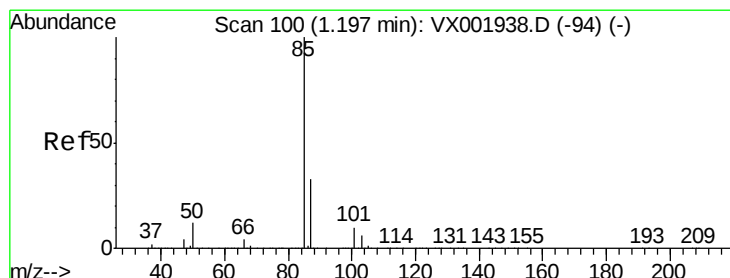
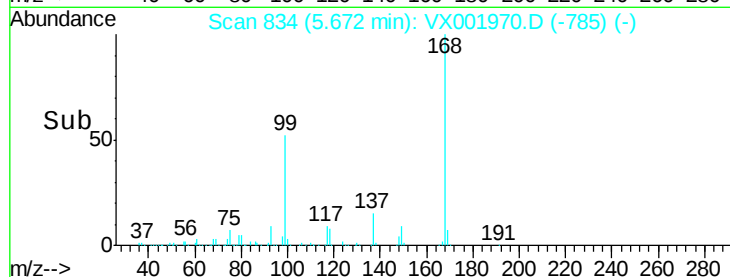
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.550 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001970.D

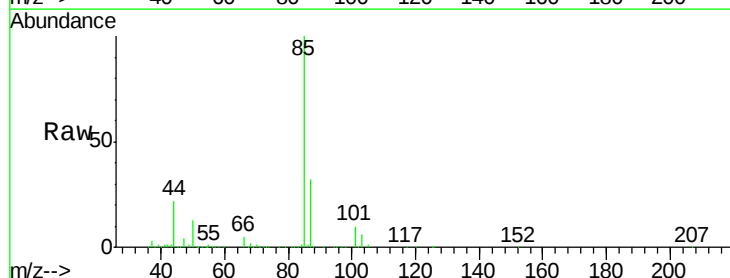
Acq: 25 May 2018 12:10

Tgt Ion: 85 Resp: 69146

Ion Ratio Lower Upper

85 100

87 32.5 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

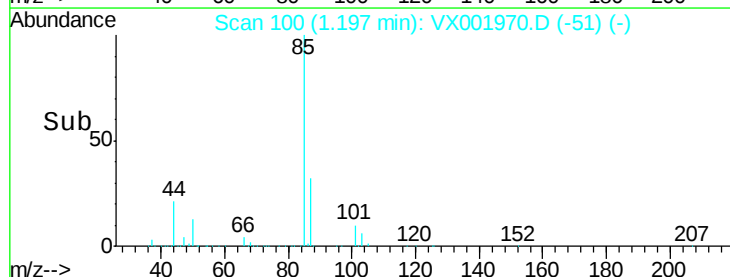
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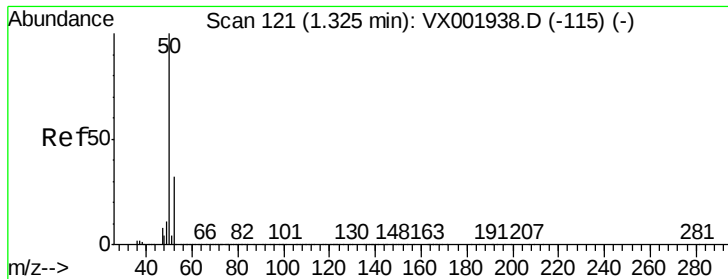
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20000

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Time-->





#3

Chloromethane

Concen: 19.188 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001970.D

Acq: 25 May 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBS01

Tot Ion: 50 Resp: 82259

Ion Ratio Lower Upper

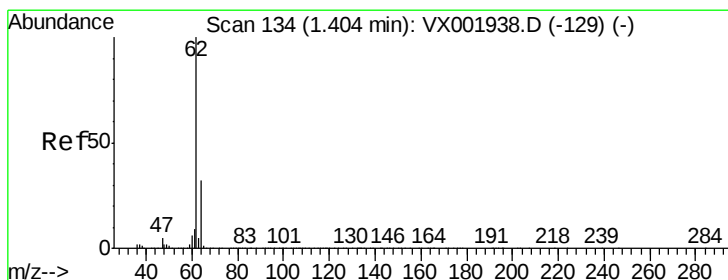
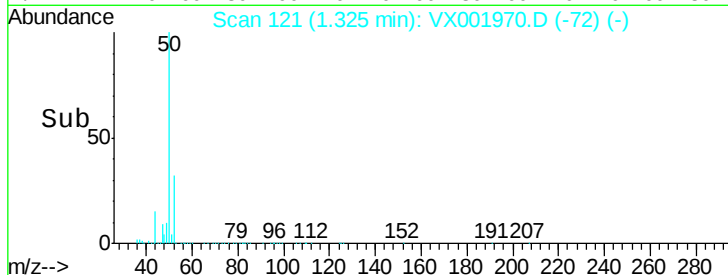
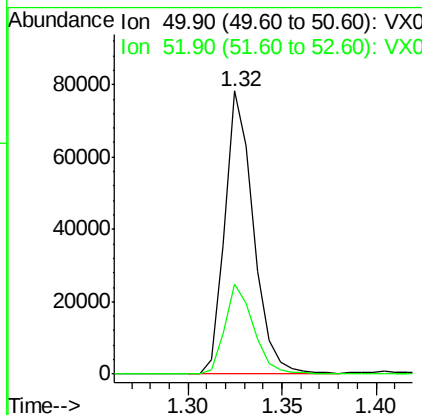
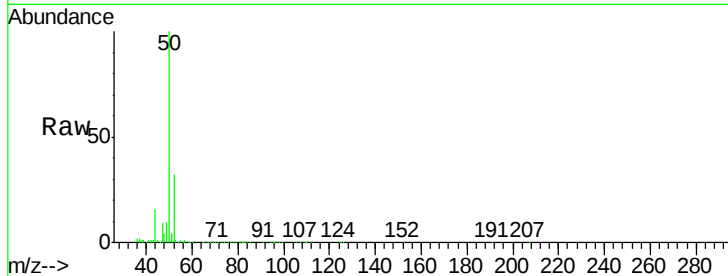
50 100

52 32.0 26.0 39.0

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#4

Vinyl Chloride

Concen: 19.825 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001970.D

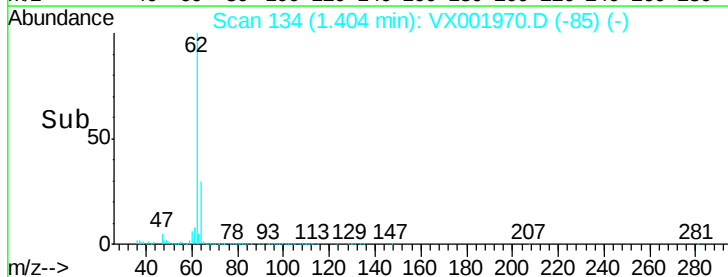
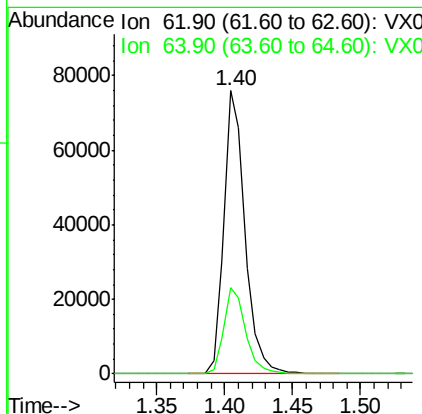
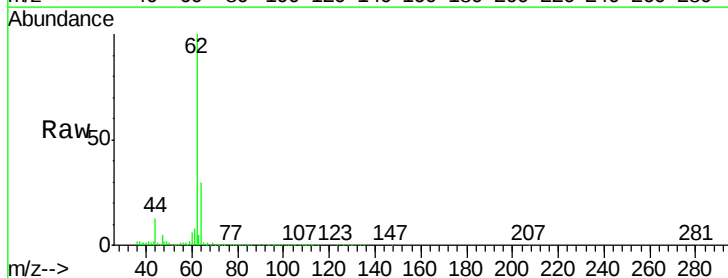
Acq: 25 May 2018 12:10

Tgt Ion: 62 Resp: 82066

Ion Ratio Lower Upper

62 100

64 30.4 25.4 38.0





#5

Bromomethane

Concen: 26.698 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001970.D

Acq: 25 May 2018 12:10

Instrument :

MSVOA_X

ClientSampled :

VX0525WBS01

Tot Ion: 94 Resp: 51725

Ion Ratio Lower Upper

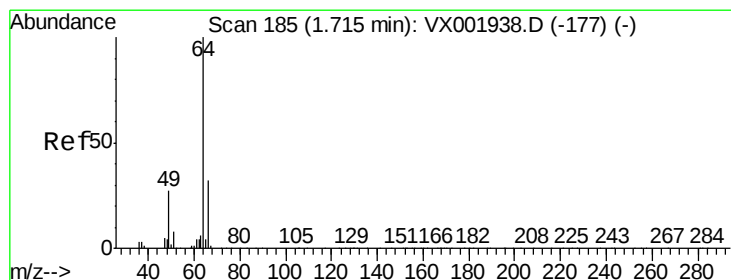
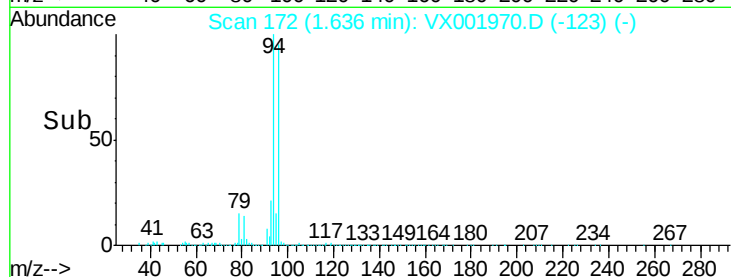
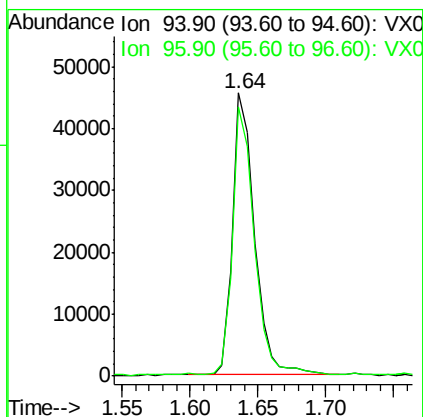
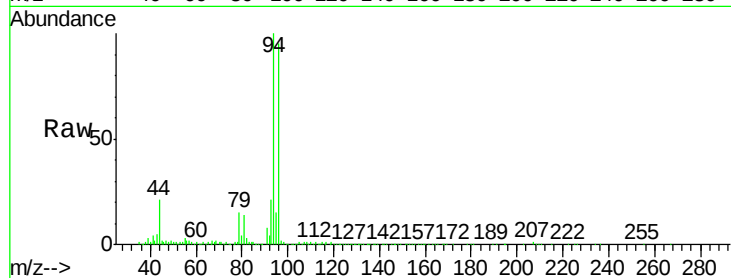
94 100

96 95.1 75.9 113.9

Manual Integrations
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#6

Chloroethane

Concen: 20.418 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX001970.D

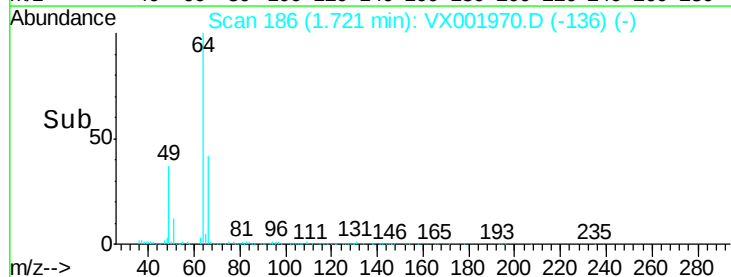
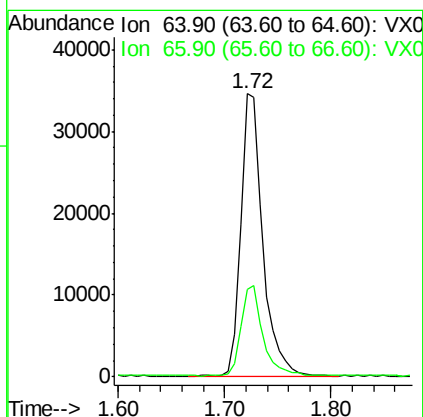
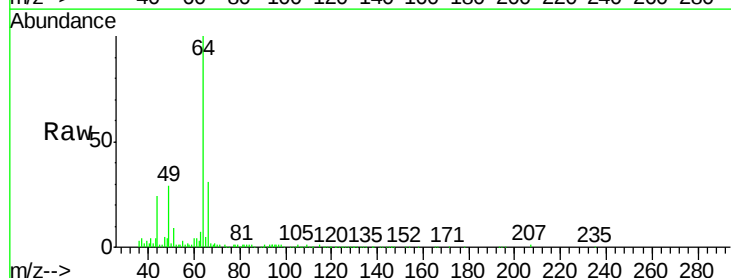
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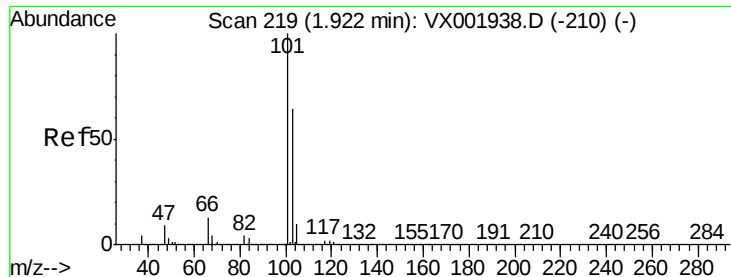
Tgt Ion: 64 Resp: 49825

Ion Ratio Lower Upper

64 100

66 30.6 25.6 38.4





#7

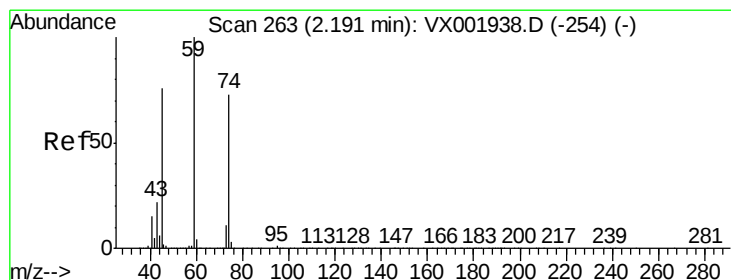
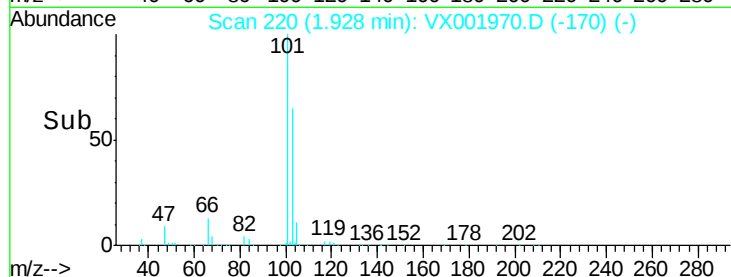
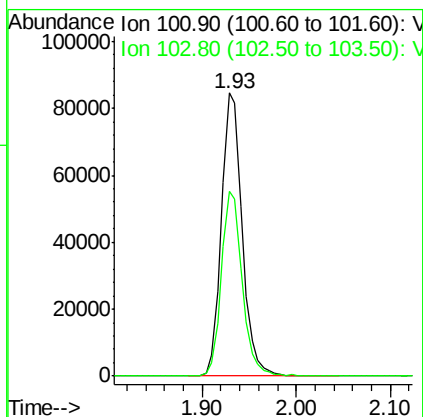
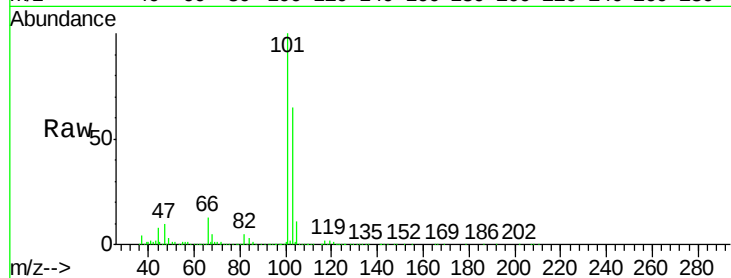
Trichlorofluoromethane
Concen: 20.774 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX001970.D
Acq: 25 May 2018 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		129143		
103	65.2	51.4	77.0		

Manual Integrations
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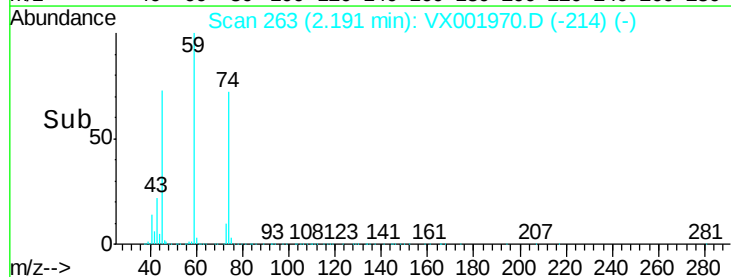
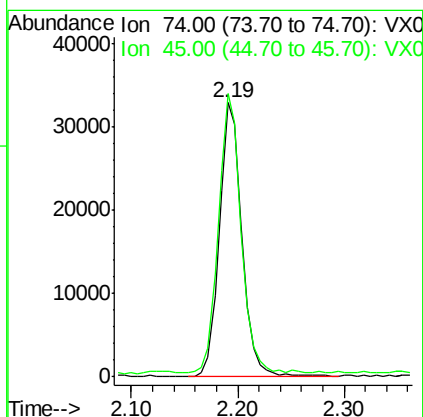
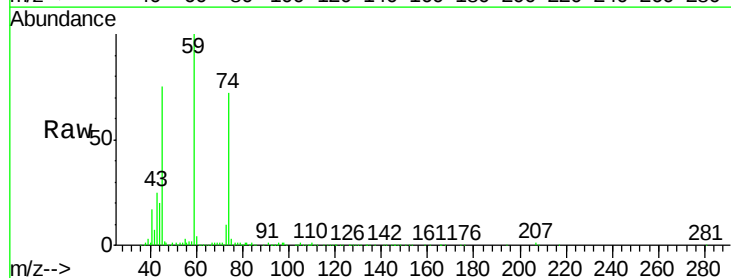
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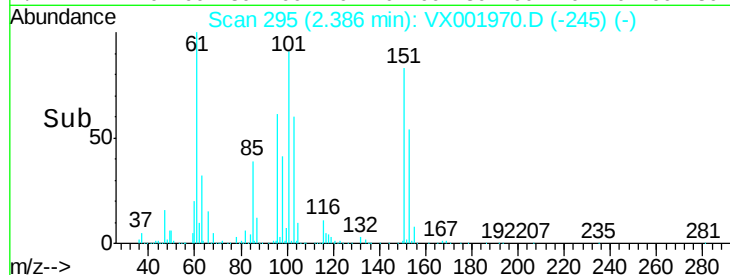
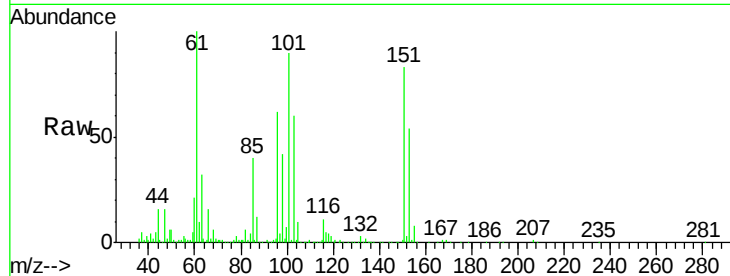


#8

Diethyl Ether
Concen: 21.628 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX001970.D
Acq: 25 May 2018 12:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		48783		
45	100.3	51.5	154.7		





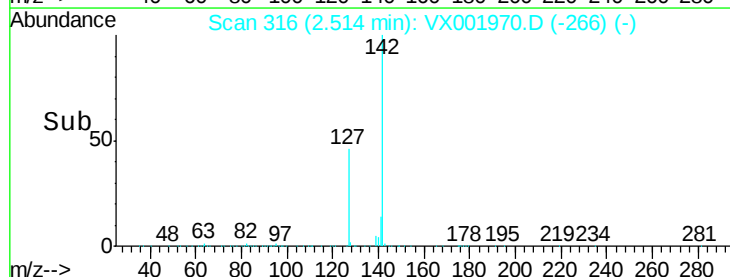
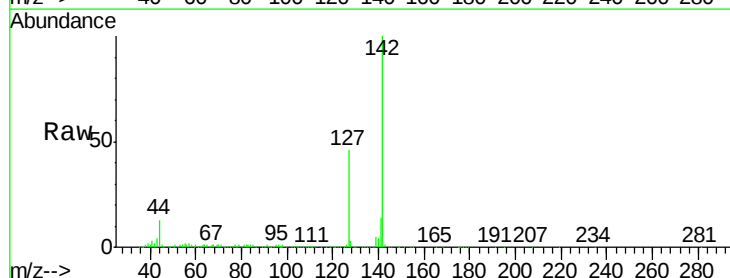
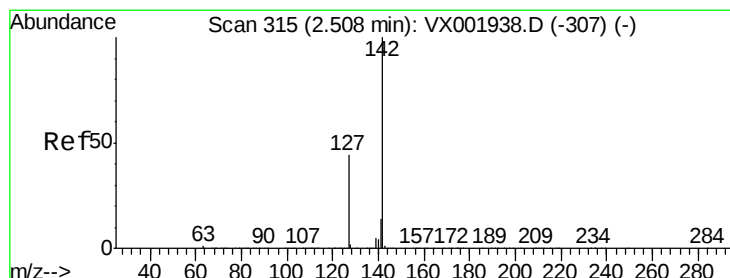
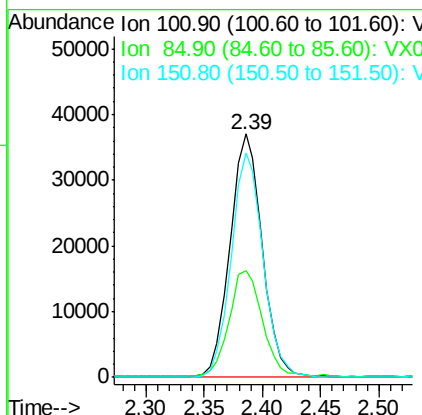
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.620 ug/l
RT: 2.39 min Scan# 295
Delta R.T. 0.01 min
Lab File: VX001970.D
Acq: 25 May 2018 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	71527		
85	44.1	35.6	53.4	
151	91.0	73.2	109.8	

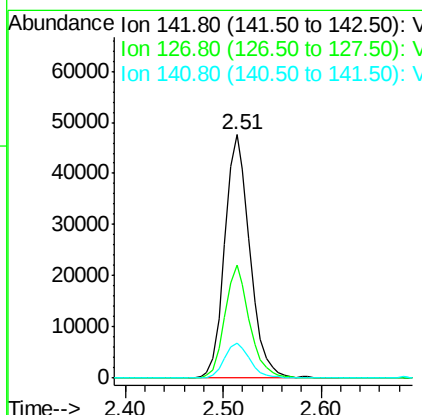
Manual Integrations
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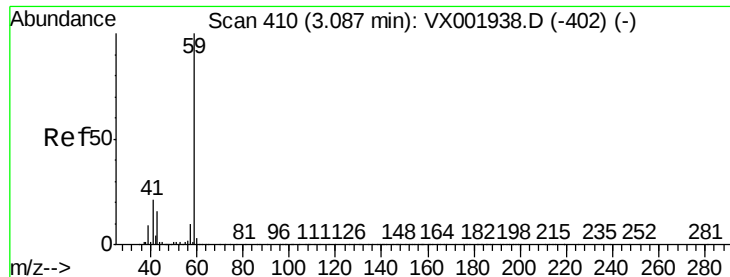
apatel
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#10
Methyl Iodide
Concen: 17.936 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX001970.D
Acq: 25 May 2018 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	84182		
127	45.4	35.5	53.3	
141	14.9	11.3	16.9	





#11

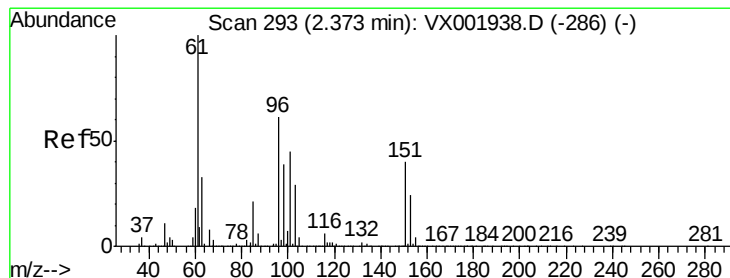
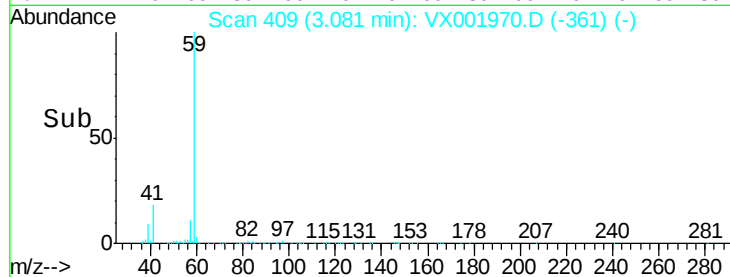
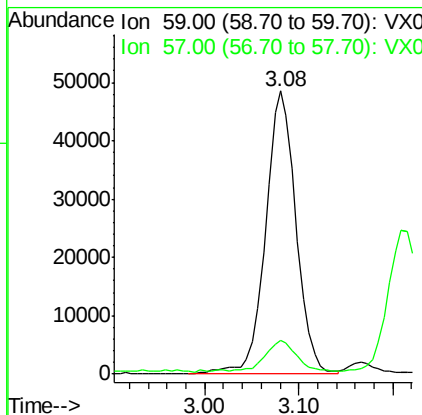
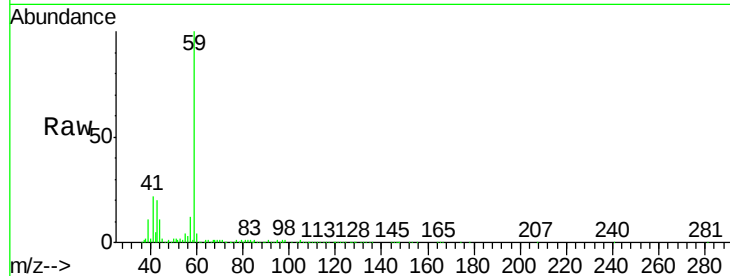
Tert butyl alcohol
 Concen: 112.014 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: VX001970.D
 Acq: 25 May 2018 12:10

Instrument :
 MSVOA_X
 ClientSampled :
 VX0525WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.9	13.3

Manual Integrations
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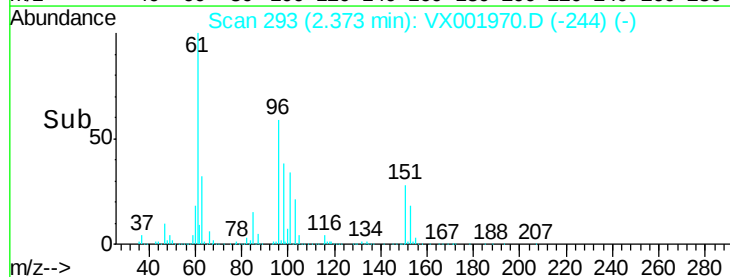
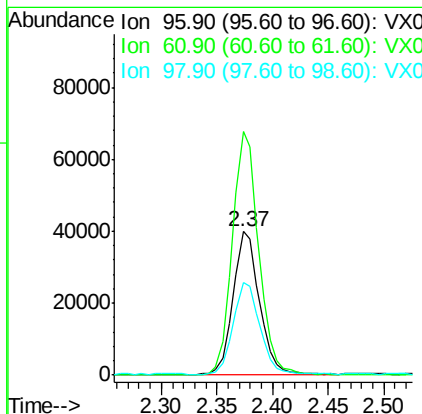
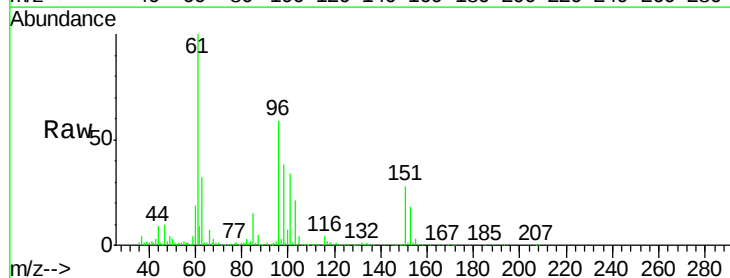
apatel
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#12

1,1-Dichloroethene
 Concen: 19.804 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX001970.D
 Acq: 25 May 2018 12:10

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.6	131.7	197.5
98	64.7	51.6	77.4





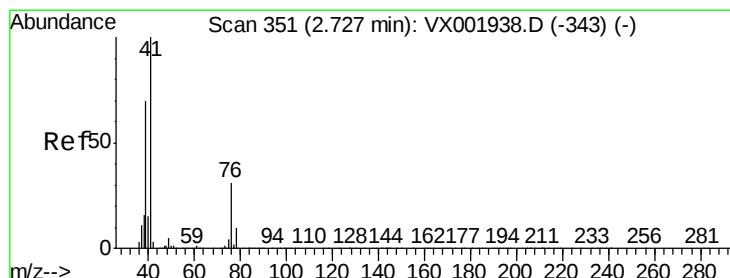
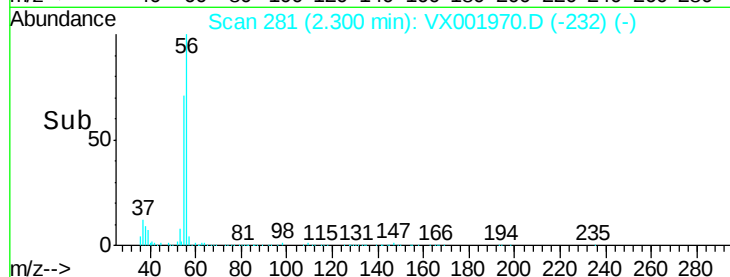
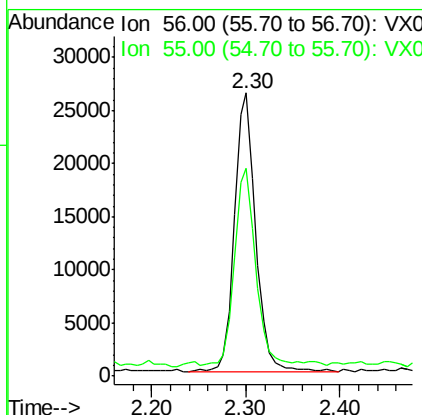
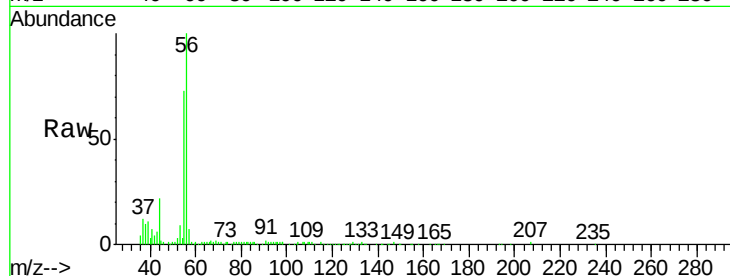
#13
Acrolein
Concen: 97.330 ug/l
RT: 2.30 min Scan# 281
Delta R.T. -0.00 min
Lab File: VX001970.D
Acq: 25 May 2018 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	68.0	56.8	85.2

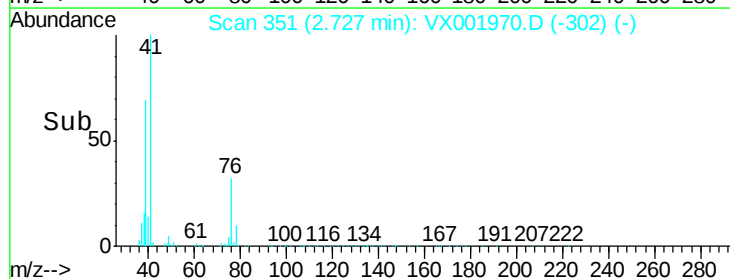
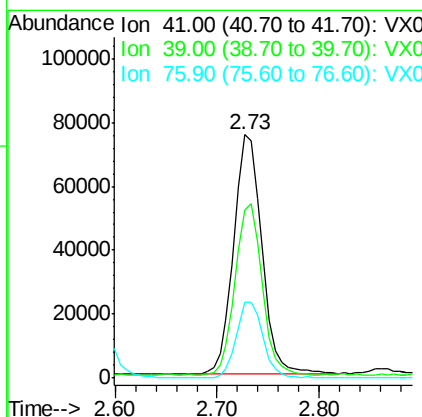
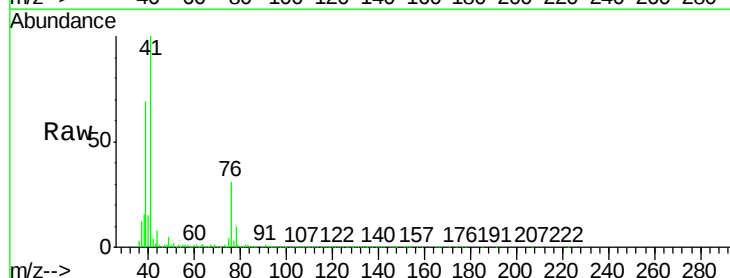
Manual Integrations
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#14
Allyl chloride
Concen: 21.054 ug/l
RT: 2.73 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX001970.D
Acq: 25 May 2018 12:10

Tgt Ion	Ratio	Lower	Upper
41	100		
39	69.1	54.3	81.5
76	30.1	24.2	36.4





#15

Acrylonitrile

Concen: 104.230 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001970.D

Acq: 25 May 2018 12:10

Instrument :

MSVOA_X

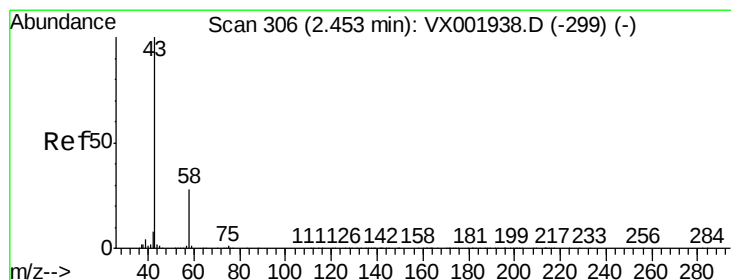
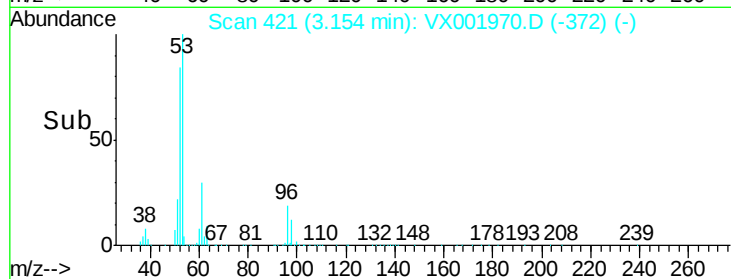
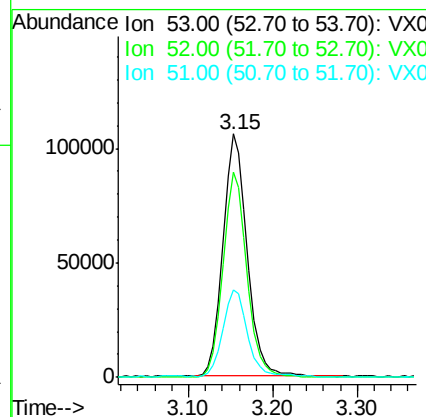
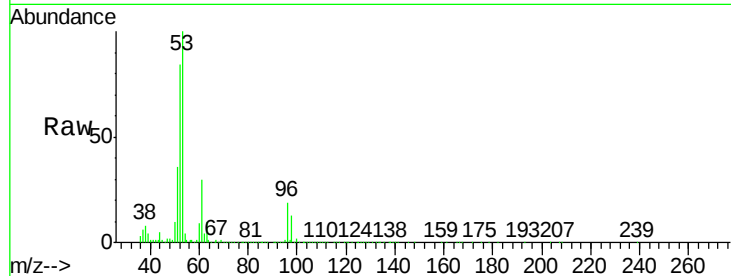
ClientSampled :

VX0525WBS01

Tot Ion:	53	Resp:	209548
Ion Ratio		Lower	Upper
53	100		
52	83.2	66.4	99.6
51	36.8	29.3	43.9

Manual Integrations
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#16

Acetone

Concen: 113.625 ug/l

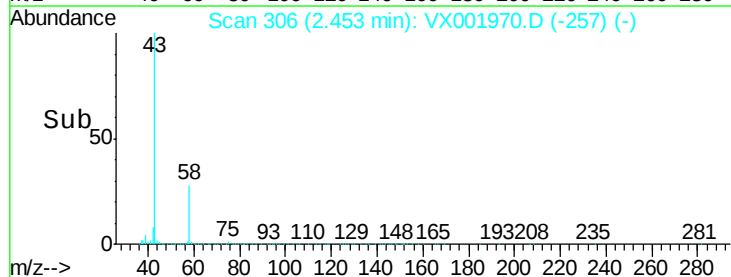
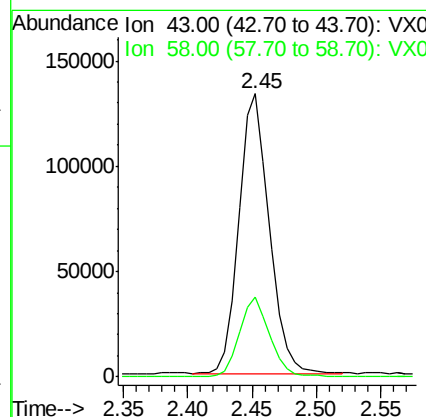
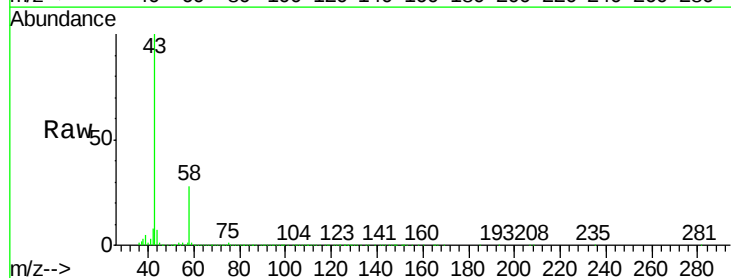
RT: 2.45 min Scan# 306

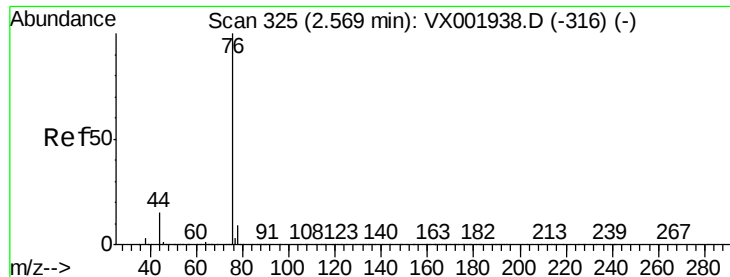
Delta R.T. -0.00 min

Lab File: VX001970.D

Acq: 25 May 2018 12:10

Tgt Ion:	43	Resp:	218407
Ion Ratio		Lower	Upper
43	100		
58	28.2	22.3	33.5





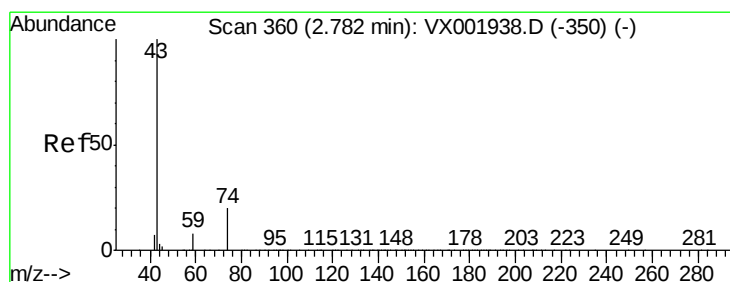
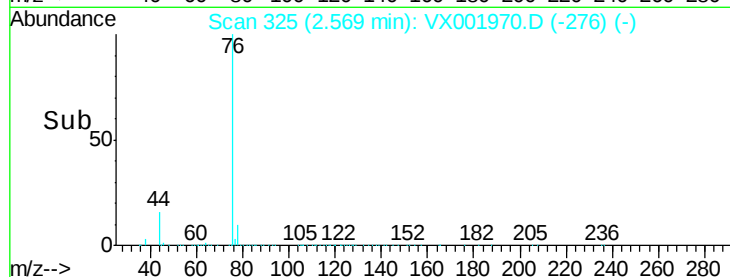
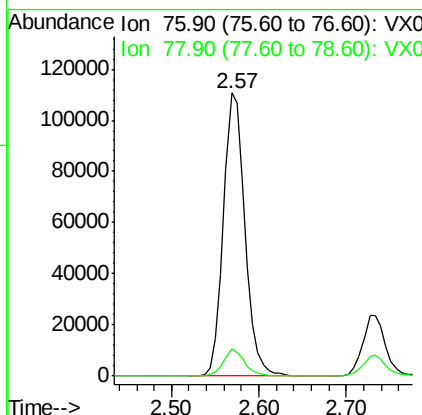
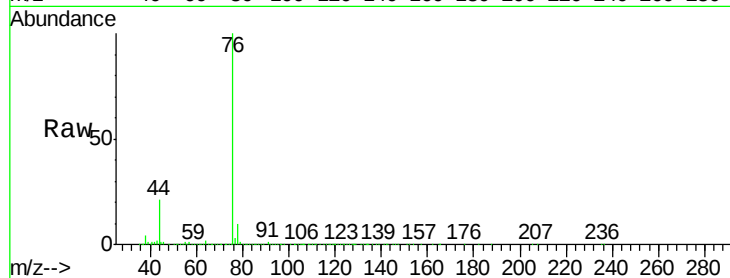
#17
Carbon Disulfide
Concen: 20.152 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX001970.D
Acq: 25 May 2018 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.4	11.2

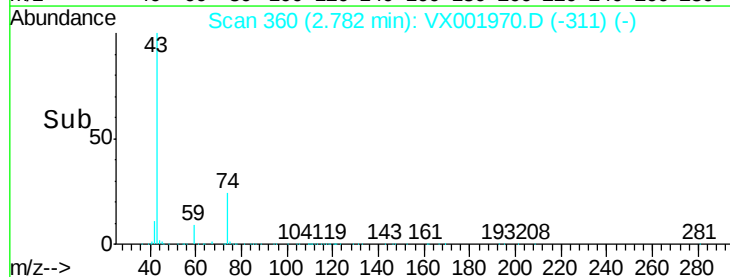
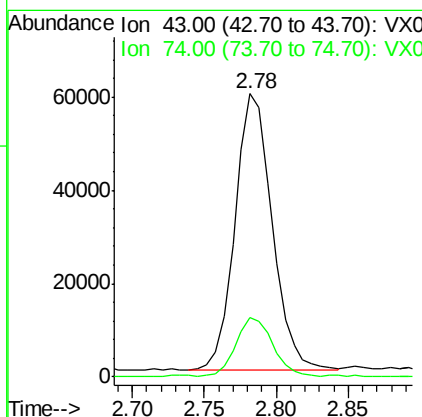
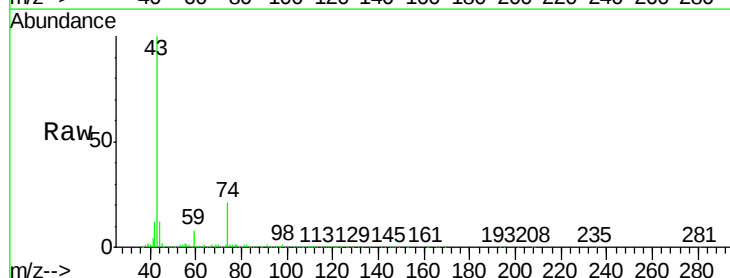
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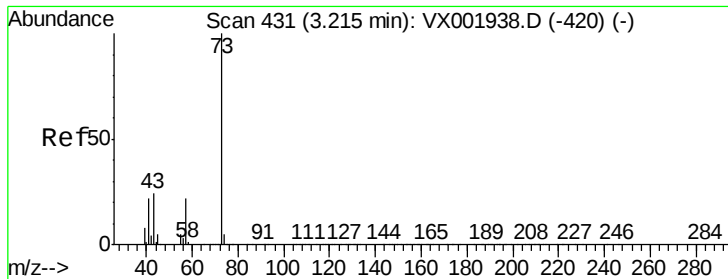
apatel
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#18
Methyl Acetate
Concen: 22.368 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001970.D
Acq: 25 May 2018 12:10

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.7	16.8	25.2





#19

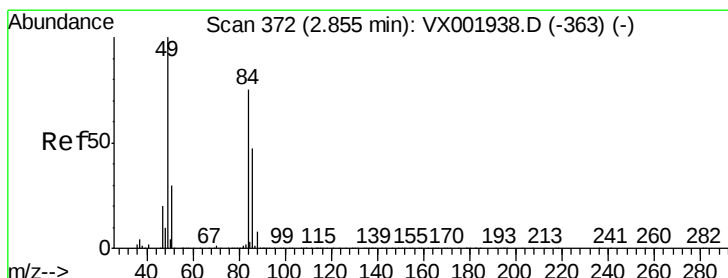
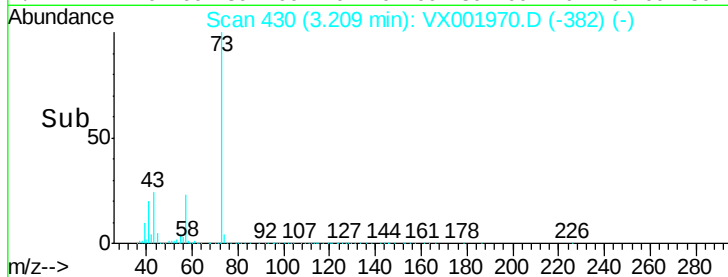
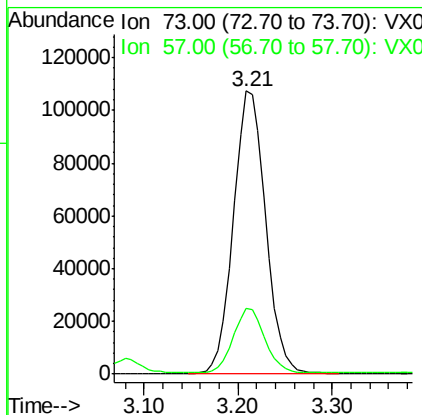
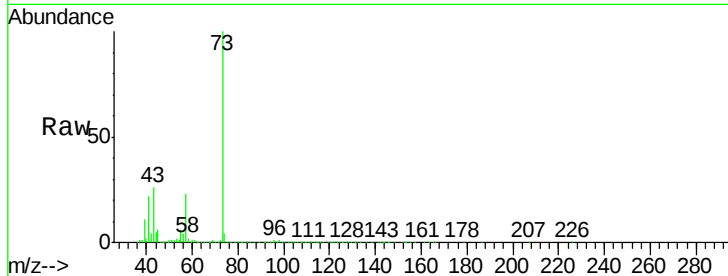
Methyl tert-butyl Ether
Concen: 20.951 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX001970.D
Acq: 25 May 2018 12:10

Instrument :
MSVOA_X
ClientSampled :
VX0525WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.5	17.4	26.0

Manual Integrations
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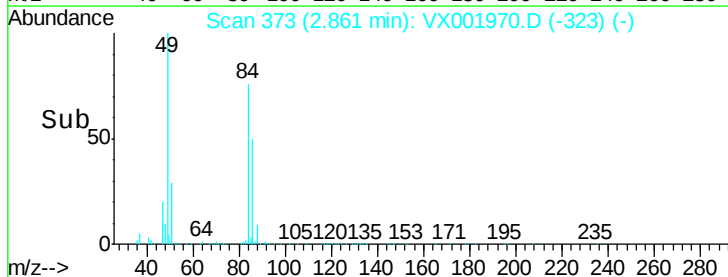
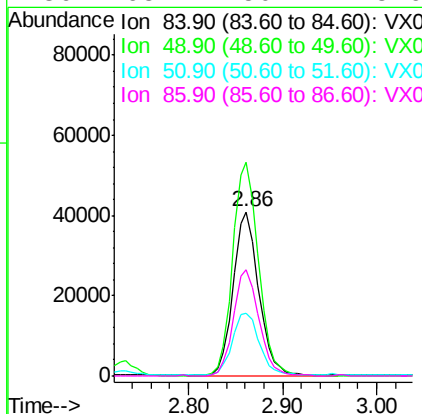
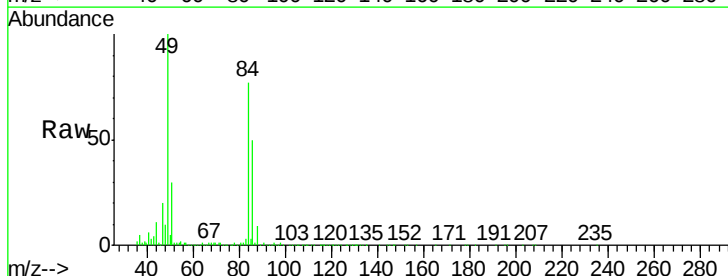
apatel
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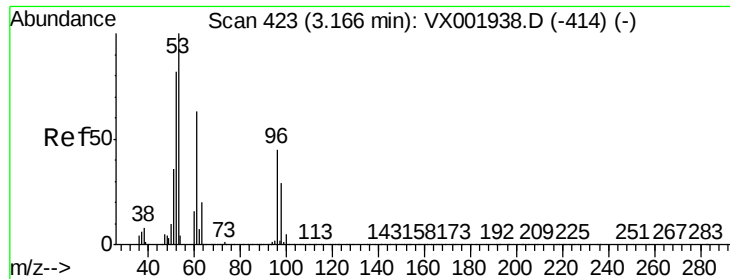


#20

Methylene Chloride
Concen: 22.114 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX001970.D
Acq: 25 May 2018 12:10

Tgt Ion	Ratio	Lower	Upper
84	100		
49	130.7	107.2	160.8
51	38.0	32.4	48.6
86	65.2	50.4	75.6





#21

trans-1,2-Dichloroethene

Concen: 21.192 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001970.D

Acq: 25 May 2018 12:10

Instrument :

MSVOA_X

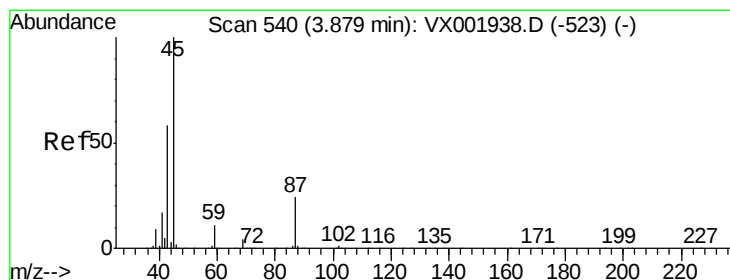
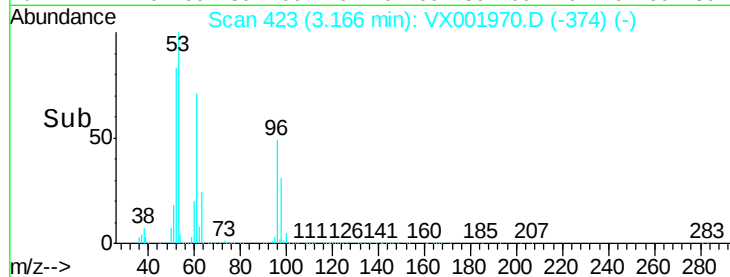
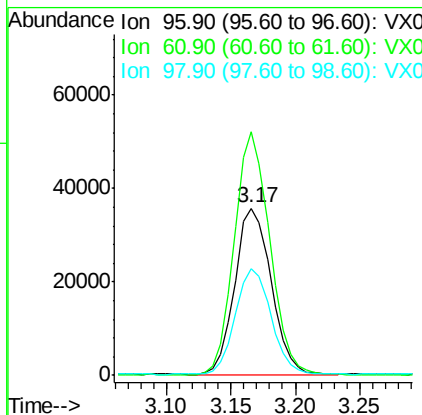
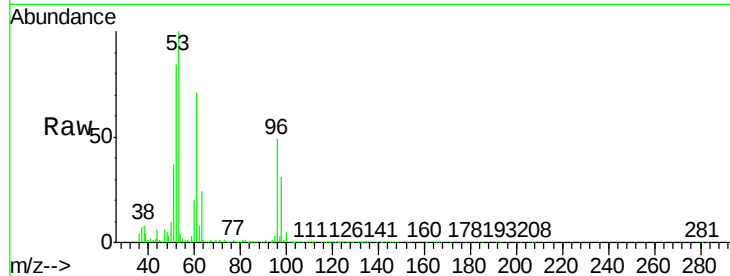
ClientSampleId :

VX0525WBS01

Tot Ion:	96	Resp:	69884
Ion	Ratio	Lower	Upper
96	100		
61	146.2	113.3	169.9
98	63.3	51.7	77.5

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.726 ug/l

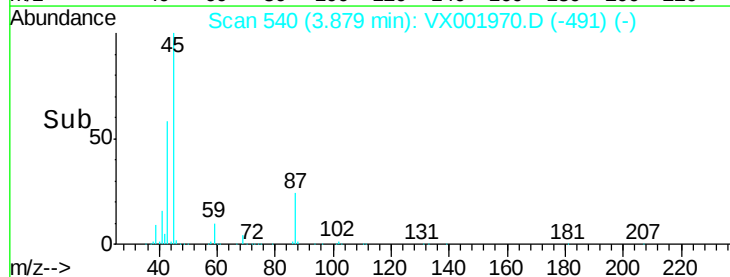
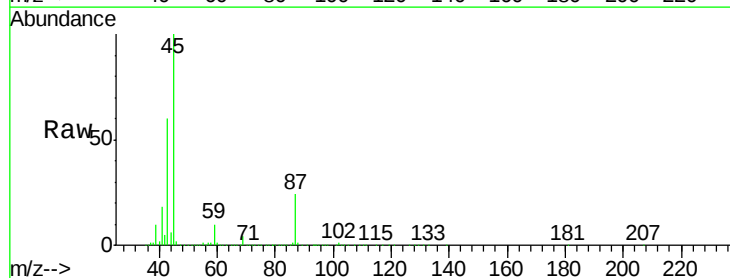
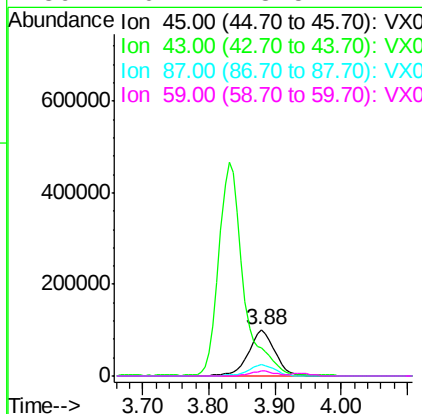
RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX001970.D

Acq: 25 May 2018 12:10

Tgt Ion:	45	Resp:	273533
Ion	Ratio	Lower	Upper
45	100		
43	58.6	47.0	70.6
87	23.8	19.4	29.0
59	10.2	8.5	12.7





#23

Vinyl Acetate

Concen: 104.897 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001970.D

Acq: 25 May 2018 12:10

Instrument :

MSVOA_X

ClientSampled :

VX0525WBS01

Tot Ion: 43 Resp: 1206012

Ion Ratio Lower Upper

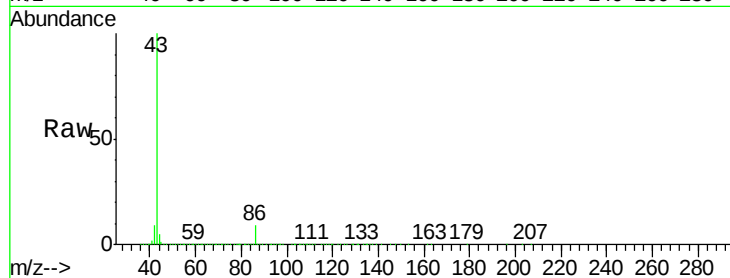
43 100

86 9.4 7.6 11.4

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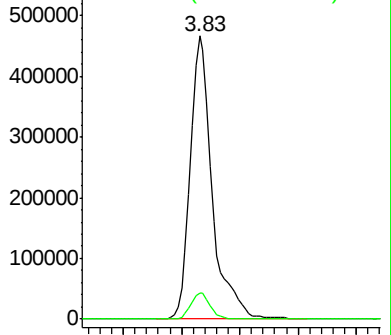
apatel

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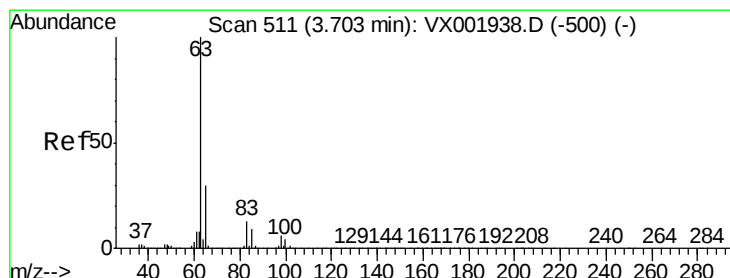
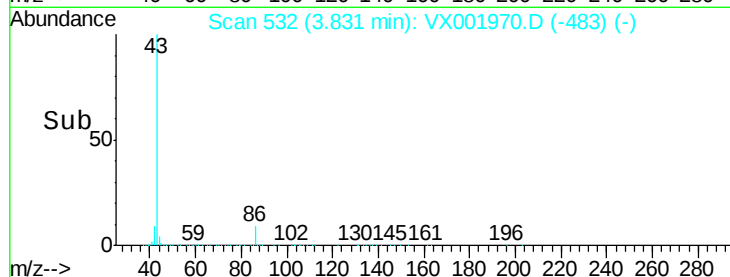


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 21.062 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX001970.D

Acq: 25 May 2018 12:10

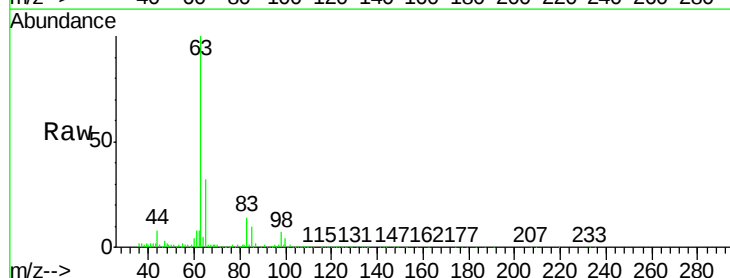
Tgt Ion: 63 Resp: 138736

Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.8

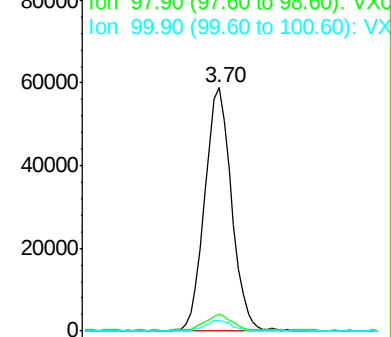
100 4.2 2.1 6.5



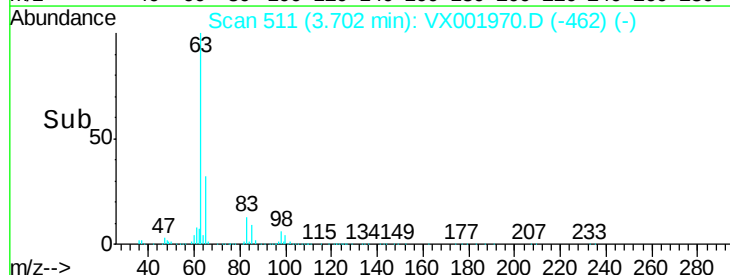
Abundance Ion 62.90 (62.60 to 63.60): VX0

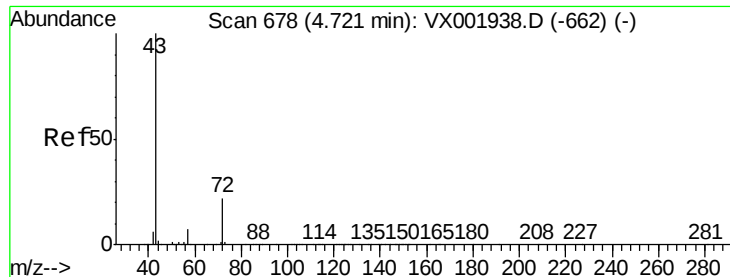
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 97.165 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.00 min

Lab File: VX001970.D

Acq: 25 May 2018 12:10

Instrument :

MSVOA_X

ClientSampled :

VX0525WBS01

Tot Ion: 43 Resp: 342314

Ion Ratio Lower Upper

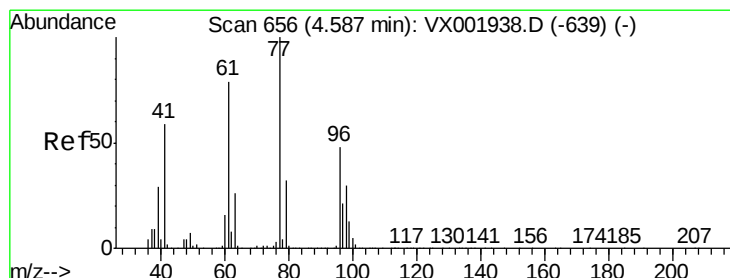
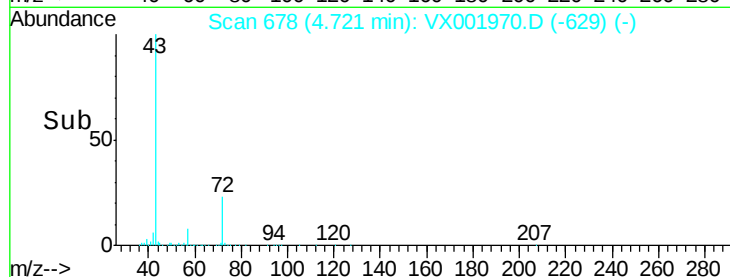
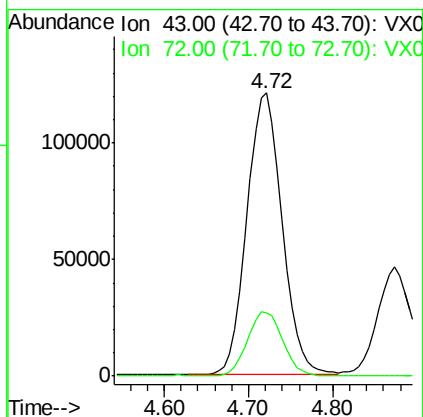
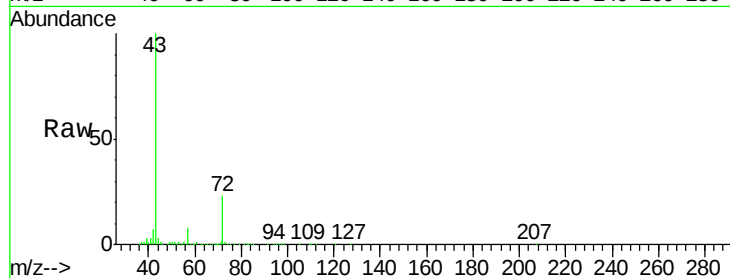
43 100

72 22.5 17.9 26.9

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#26

2,2-Dichloropropane

Concen: 19.489 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX001970.D

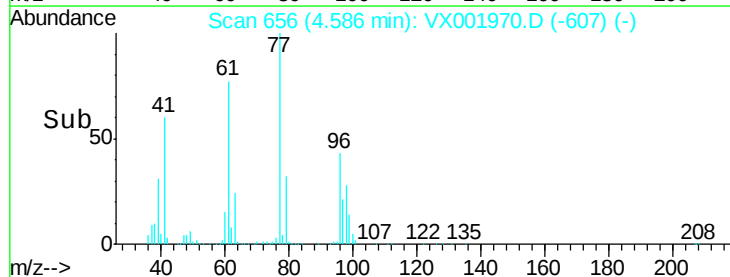
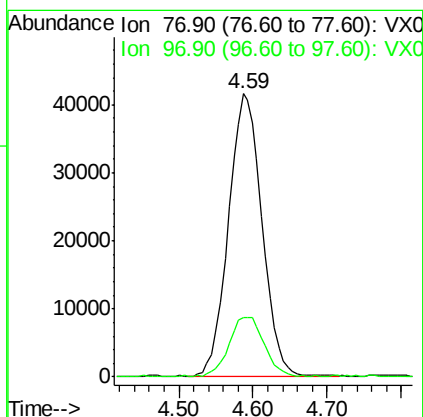
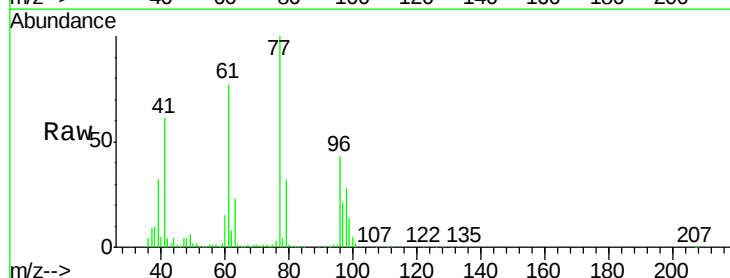
Acq: 25 May 2018 12:10

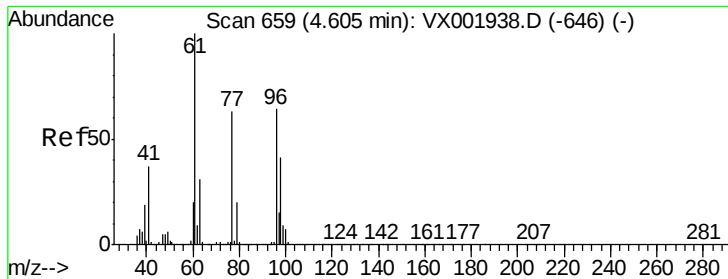
Tgt Ion: 77 Resp: 129940

Ion Ratio Lower Upper

77 100

97 21.9 11.2 33.5





#27

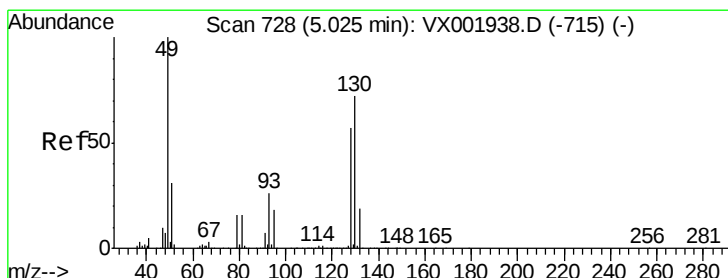
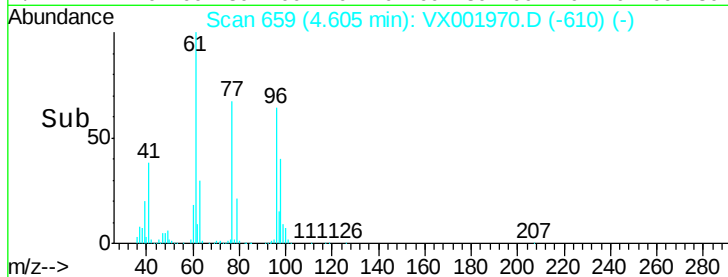
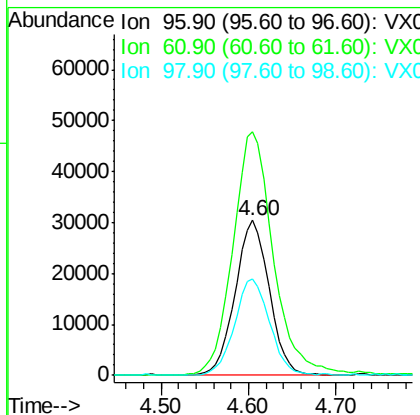
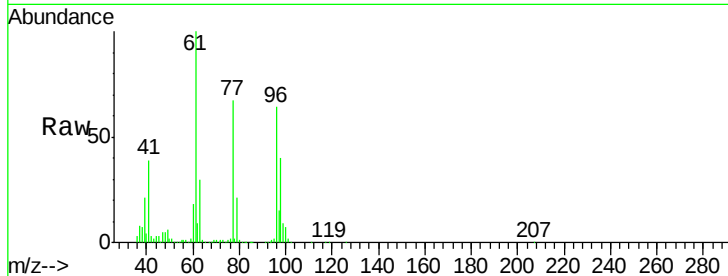
cis-1,2-Dichloroethene
Concen: 19.356 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX001970.D
Acq: 25 May 2018 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	185.9	0.0	348.4
98	63.3	0.0	128.6

Manual Integrations
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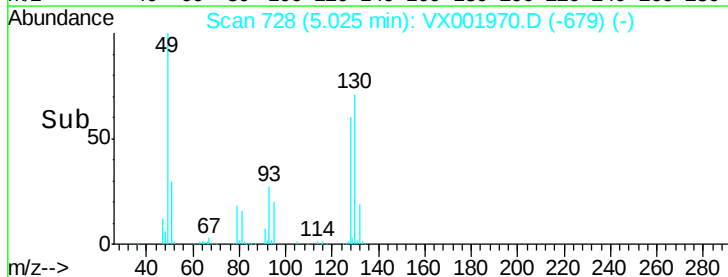
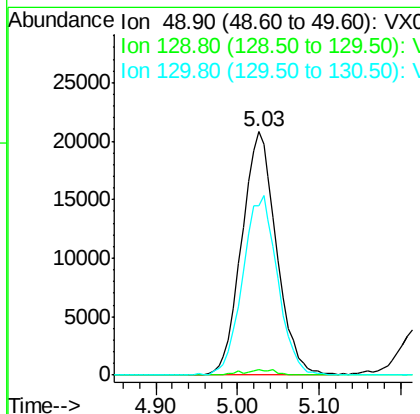
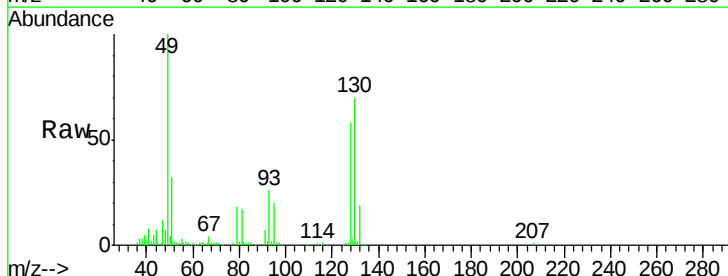
apatel
6/4/2018 2:35:19 PM



#28

Bromochloromethane
Concen: 21.046 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX001970.D
Acq: 25 May 2018 12:10

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	3.8
130	74.0	59.4	89.2





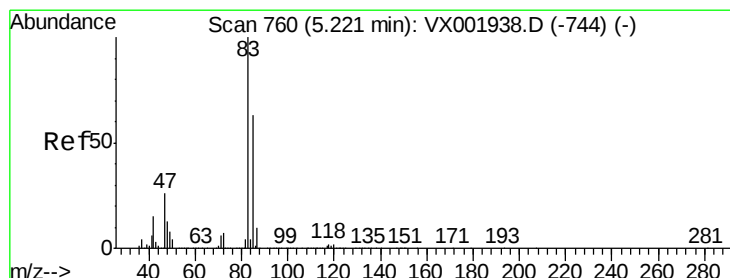
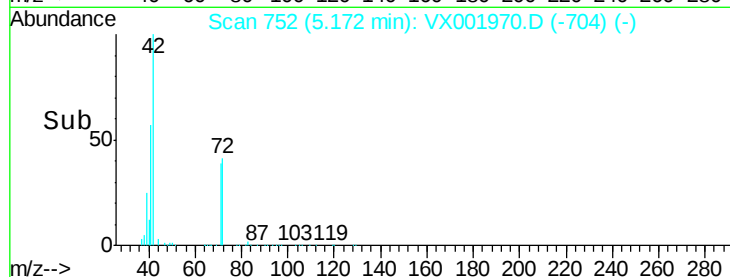
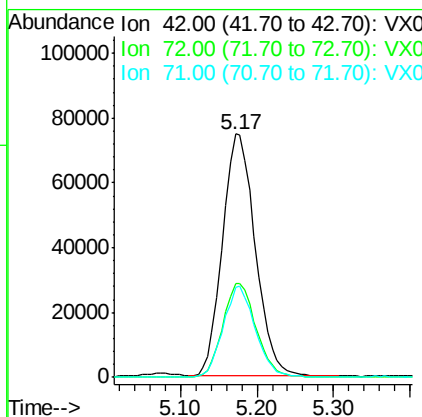
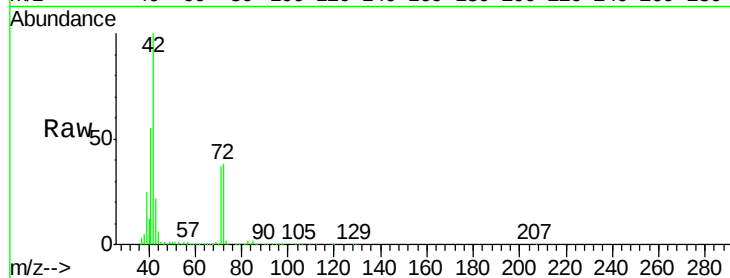
#29
Tetrahydrofuran
Concen: 97.182 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX001970.D
Acq: 25 May 2018 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBS01

Tot Ion	Ratio	Resp	Lower	Upper
42	100	222753		
72	39.1		31.4	47.0
71	36.2		29.5	44.3

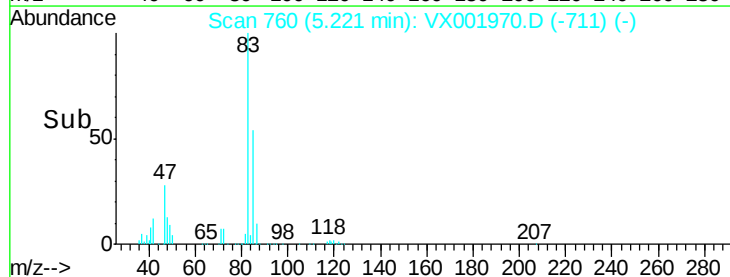
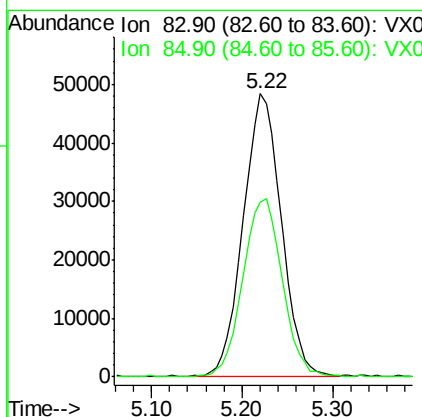
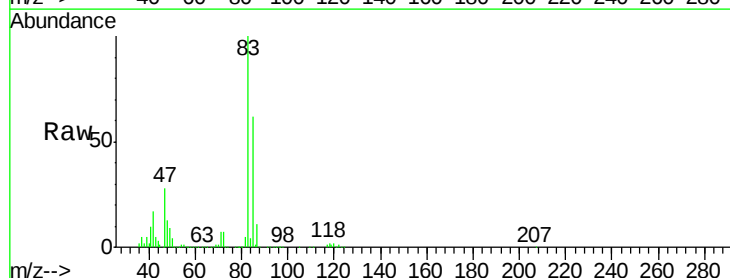
Manual Integrations
APPROVED

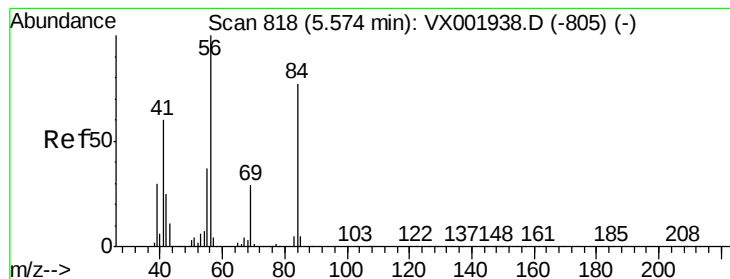
apatel
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#30
Chloroform
Concen: 18.860 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX001970.D
Acq: 25 May 2018 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	139961		
85	61.3		50.9	76.3





#31

Cyclohexane

Concen: 18.182 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX001970.D

Acq: 25 May 2018 12:10

Instrument :

MSVOA_X

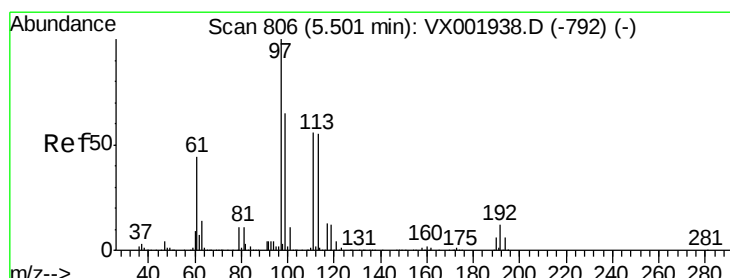
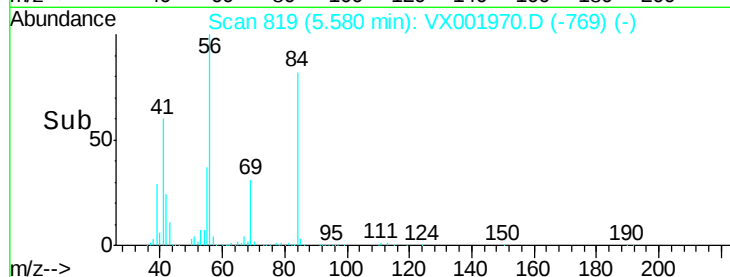
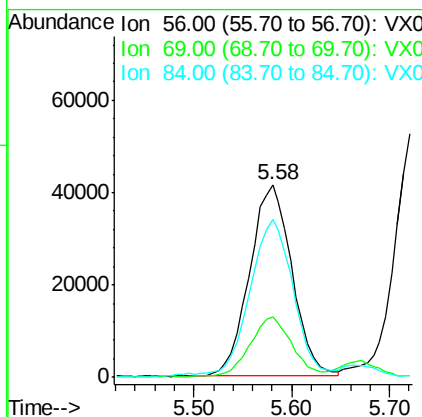
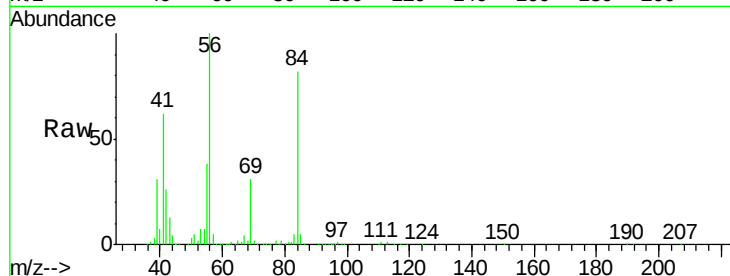
ClientSampleId :

VX0525WBS01

Tot Ion:	56	Resp:	124780
Ion Ratio		Lower	Upper
56	100		
69	30.9	23.1	34.7
84	80.7	62.0	93.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.984 ug/l

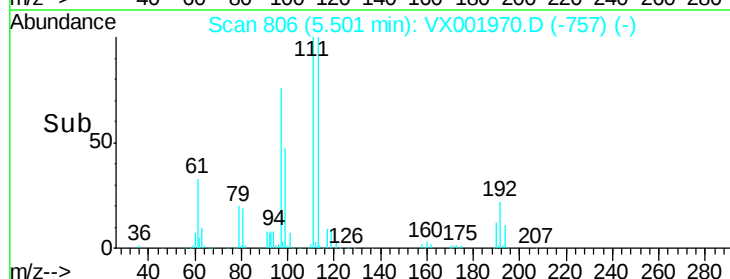
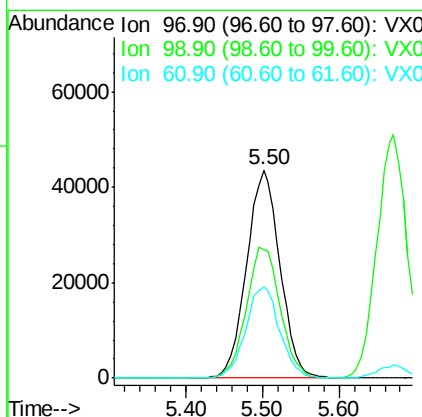
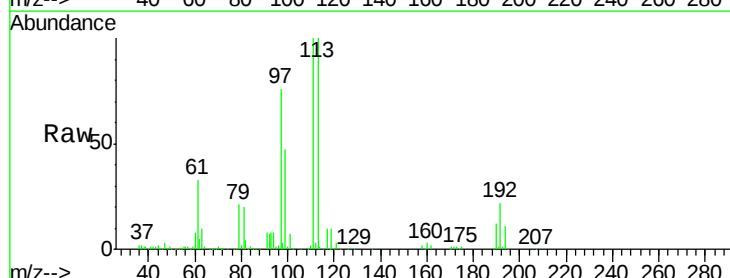
RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX001970.D

Acq: 25 May 2018 12:10

Tgt Ion:	97	Resp:	131340
Ion Ratio		Lower	Upper
97	100		
99	64.6	51.9	77.9
61	45.1	35.9	53.9





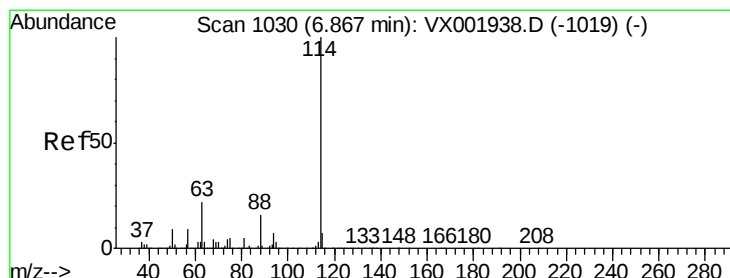
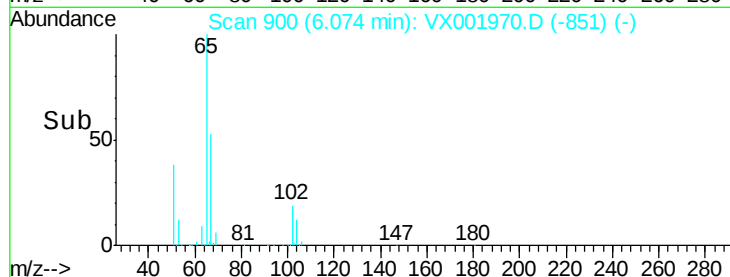
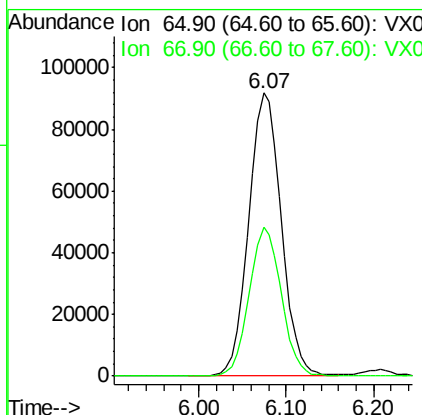
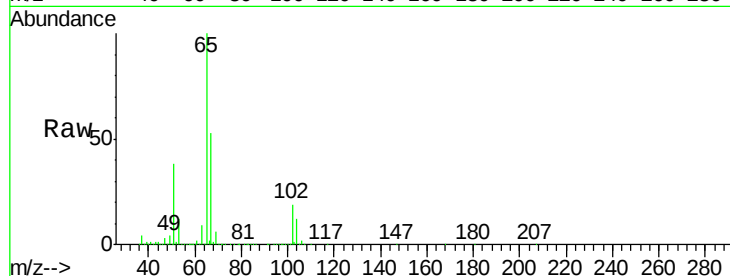
#33
 1,2-Dichloroethane-d4
 Concen: 47.737 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001970.D
 Acq: 25 May 2018 12:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	237758		
67	51.3	0.0	104.0	

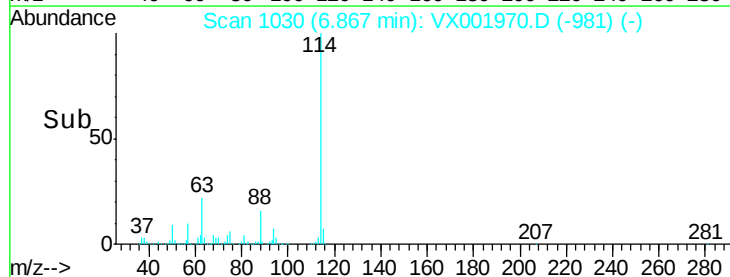
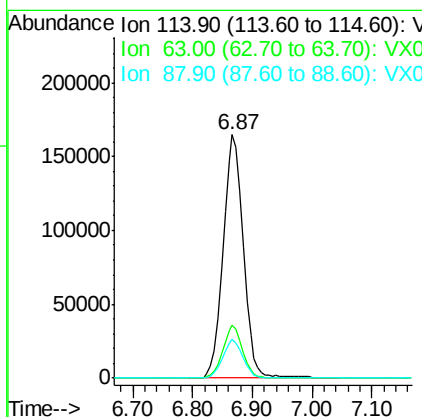
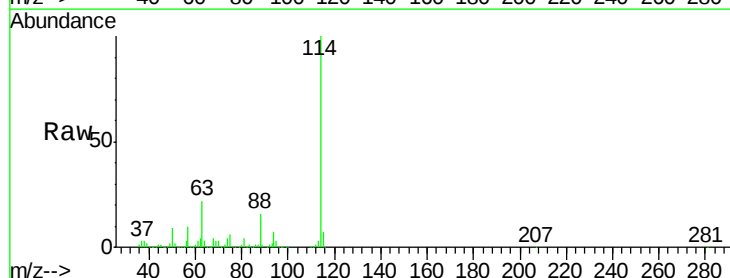
Manual Integrations
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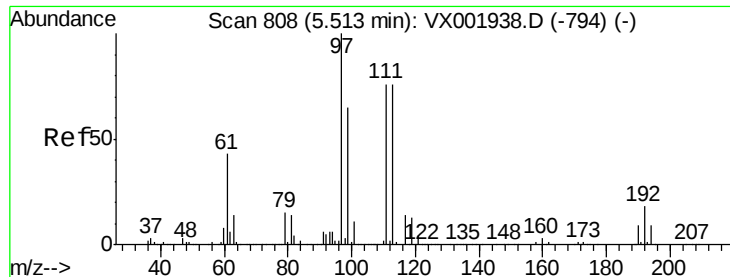
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001970.D
 Acq: 25 May 2018 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	389747		
63	21.6	0.0	43.2	
88	15.8	0.0	31.6	





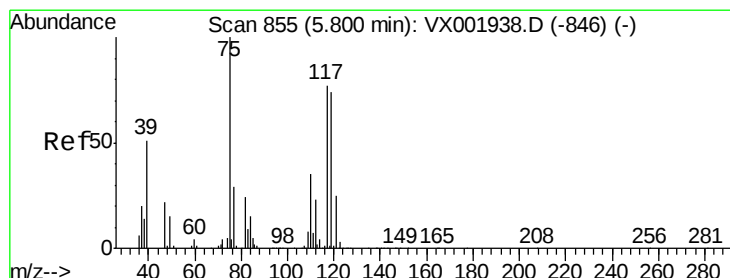
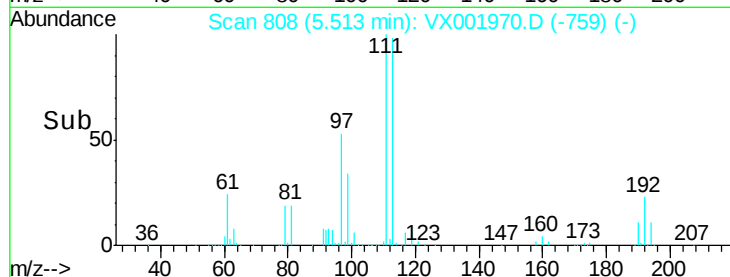
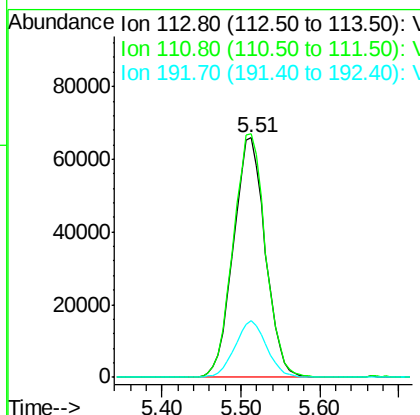
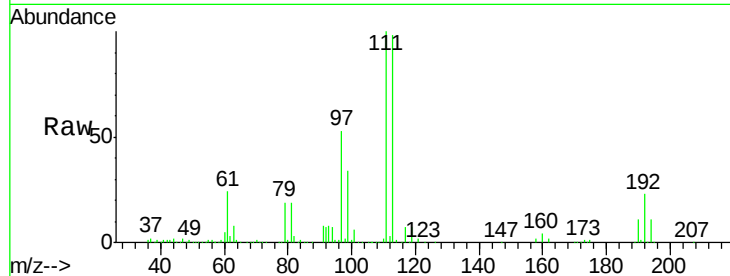
#35
 Dibromofluoromethane
 Concen: 47.697 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX001970.D
 Acq: 25 May 2018 12:10

Instrument :
 MSVOA_X
 ClientSampled :
 VX0525WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	185899		
111	102.5	82.0	123.0	
192	23.5	18.9	28.3	

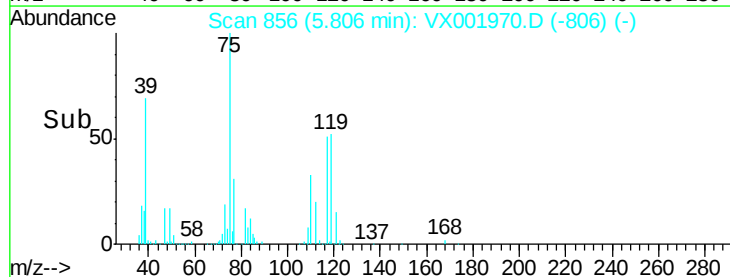
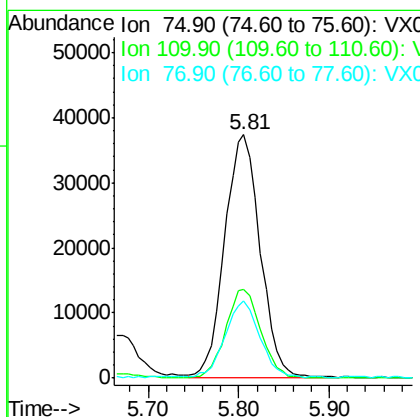
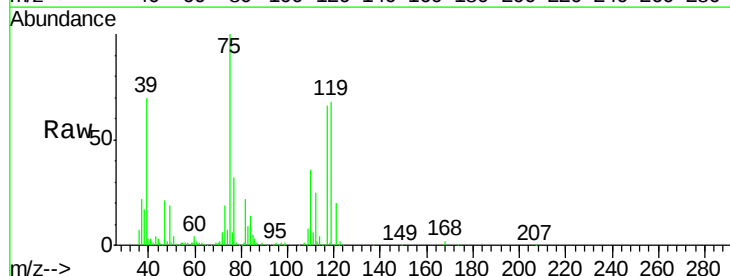
Manual Integrations
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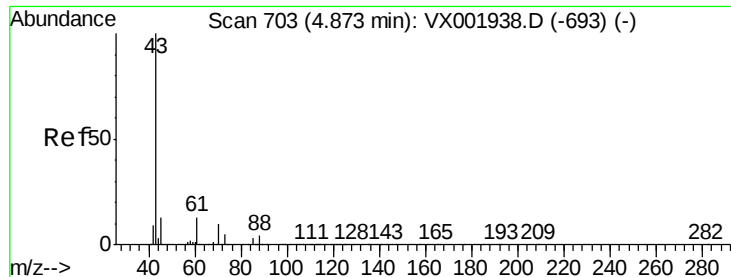
apatel
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#36
 1,1-Dichloropropene
 Concen: 18.618 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.01 min
 Lab File: VX001970.D
 Acq: 25 May 2018 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	100933		
110	36.4	17.4	52.2	
77	30.5	24.4	36.6	





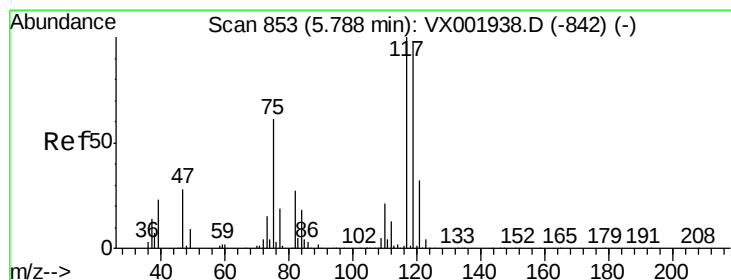
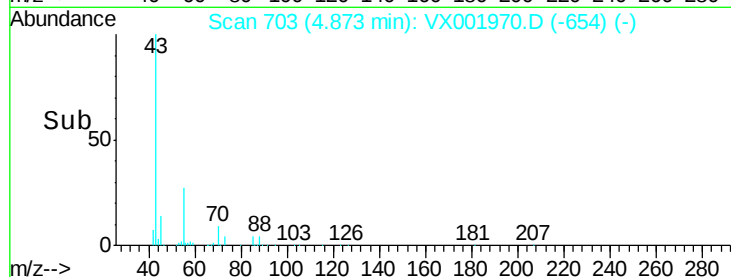
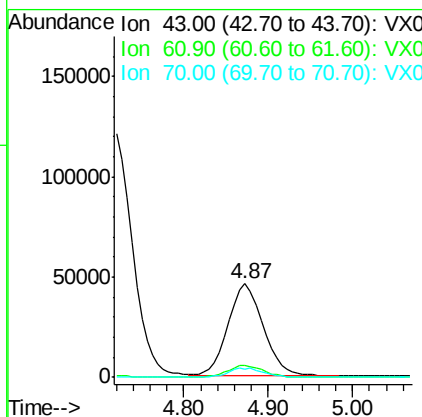
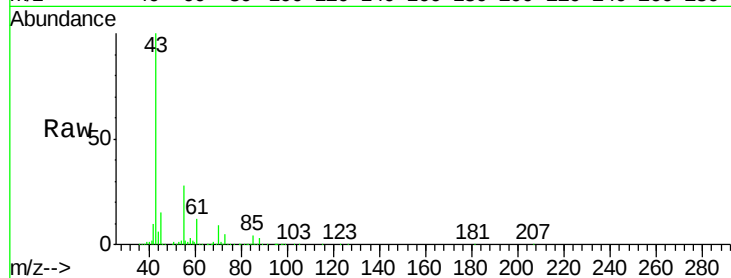
#37
Ethyl Acetate
Concen: 18.453 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX001970.D
Acq: 25 May 2018 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.2	15.2
70	9.8	7.8	11.8

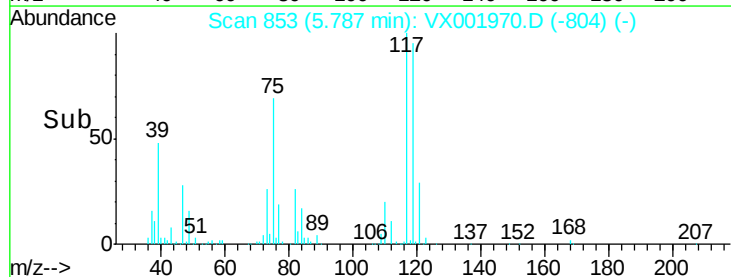
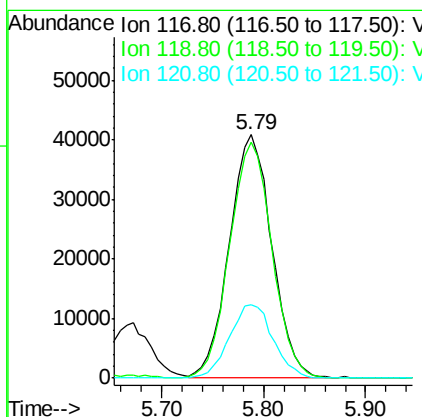
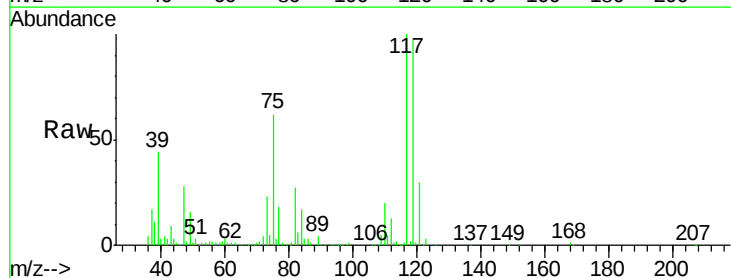
Manual Integrations
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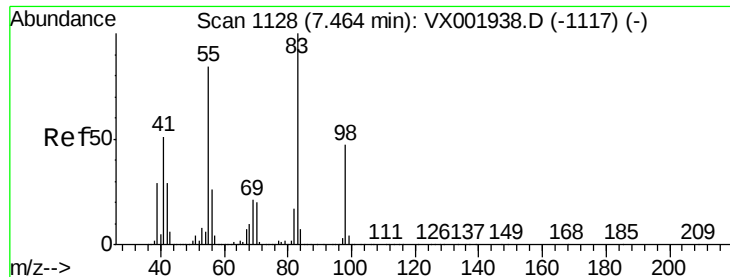
apatel
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#38
Carbon Tetrachloride
Concen: 18.586 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001970.D
Acq: 25 May 2018 12:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	78.5	117.7
121	30.3	25.5	38.3





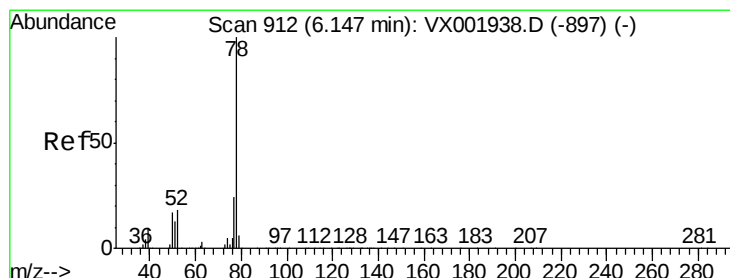
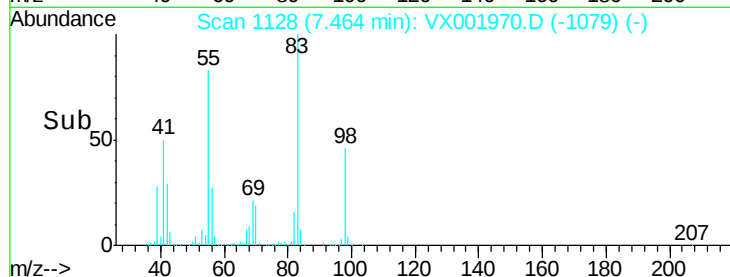
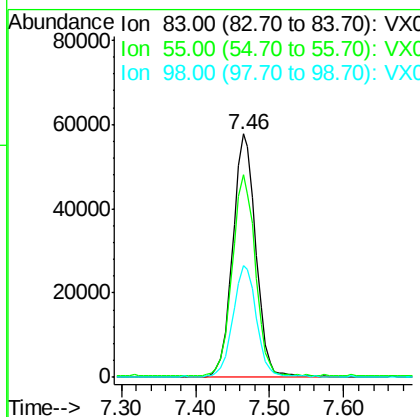
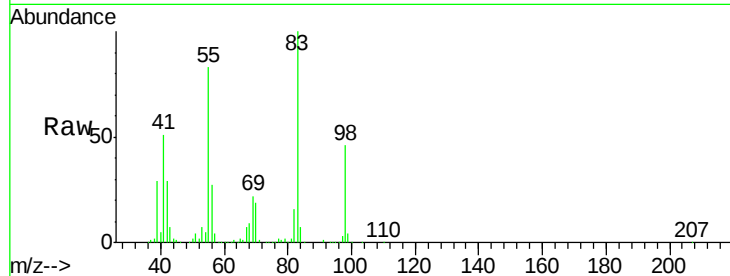
#39
Methvlcvclohexane
Concen: 18.858 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX001970.D
Acq: 25 May 2018 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	82.7	67.3	100.9	
98	45.7	37.5	56.3	

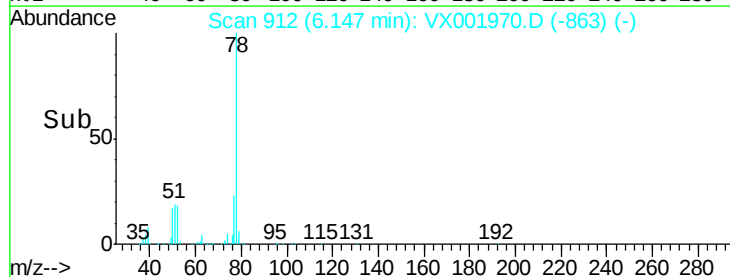
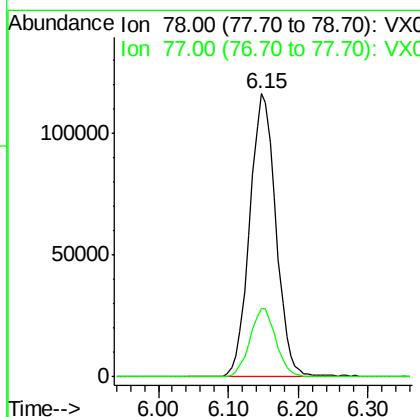
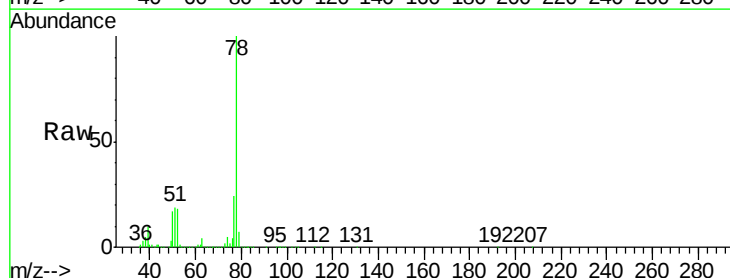
Manual Integrations
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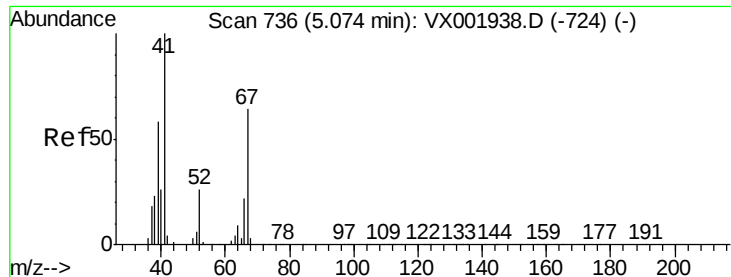
apatel
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#40
Benzene
Concen: 19.115 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX001970.D
Acq: 25 May 2018 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.8	19.1	28.7	





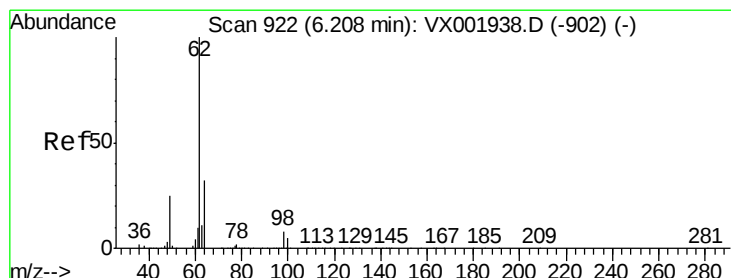
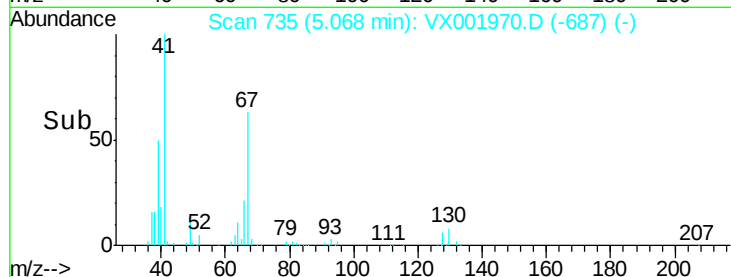
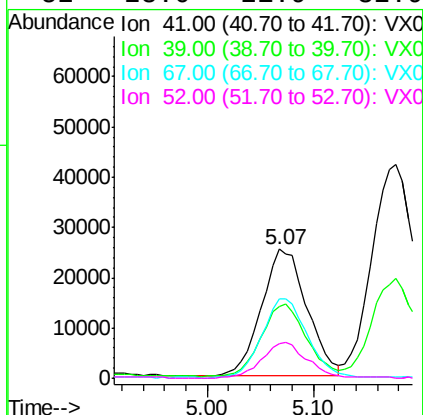
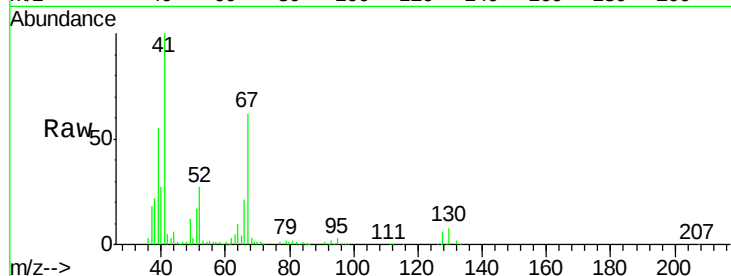
#41
Methacrylonitrile
Concen: 19.148 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX001970.D
Acq: 25 May 2018 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		74548		
39	56.9	46.0	69.0		
67	62.8	50.6	75.8		
52	28.0	21.9	32.9		

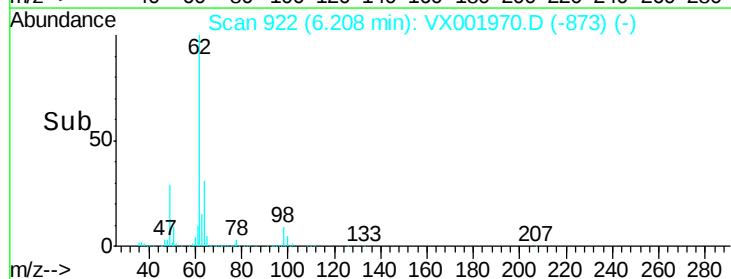
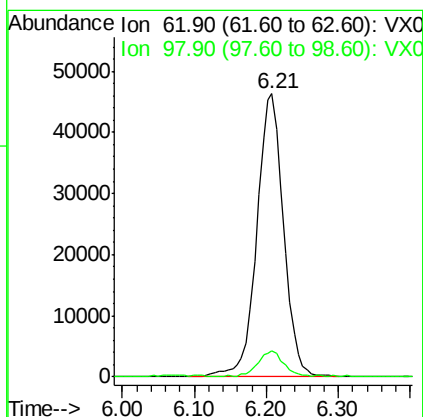
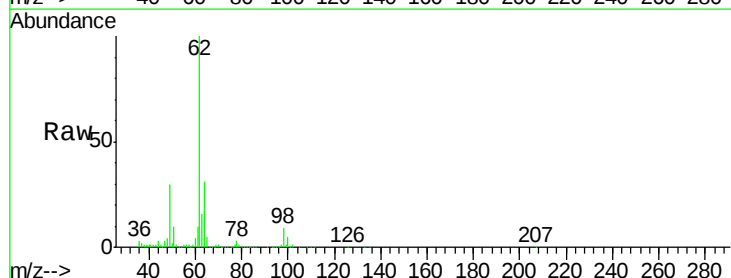
Manual Integrations
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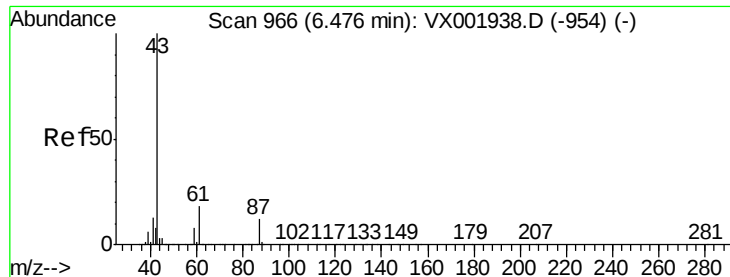
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#42
1,2-Dichloroethane
Concen: 18.671 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX001970.D
Acq: 25 May 2018 12:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		118451		
98	8.5	0.0	17.0		





#43

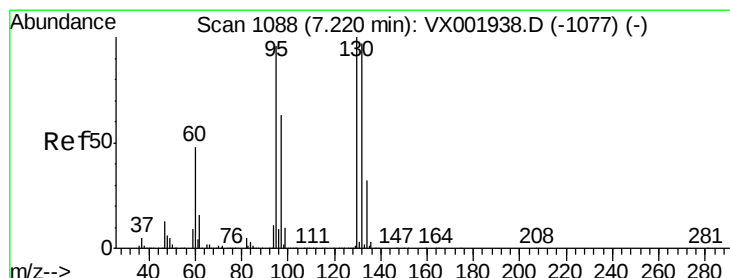
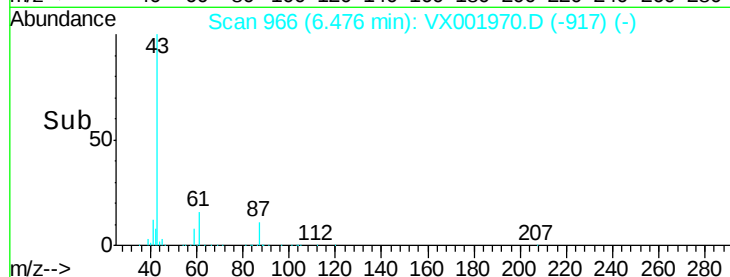
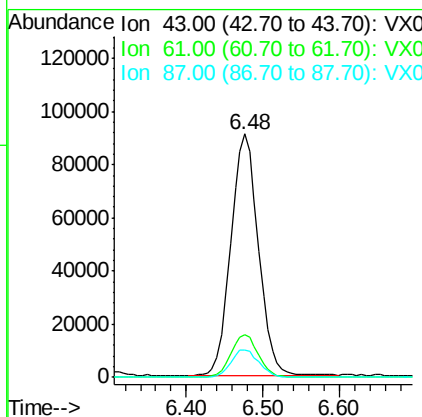
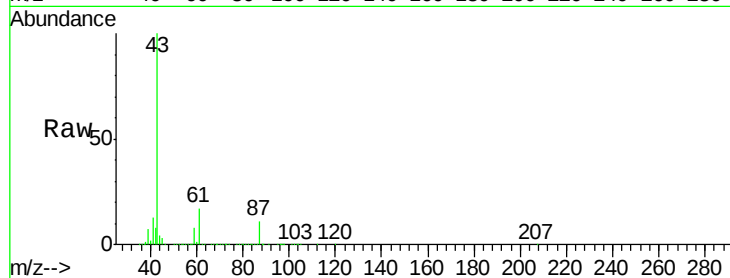
Isopropyl Acetate
 Concen: 19.311 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX001970.D
 Acq: 25 May 2018 12:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.5	14.5	21.7
87	11.7	9.5	14.3

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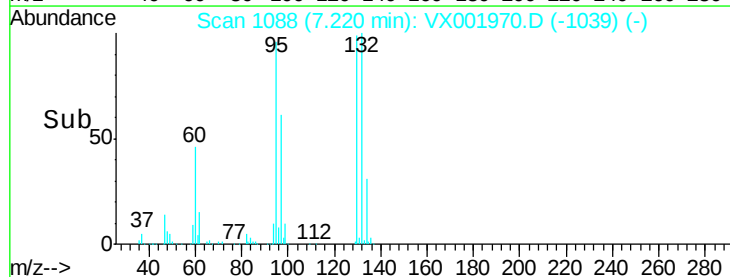
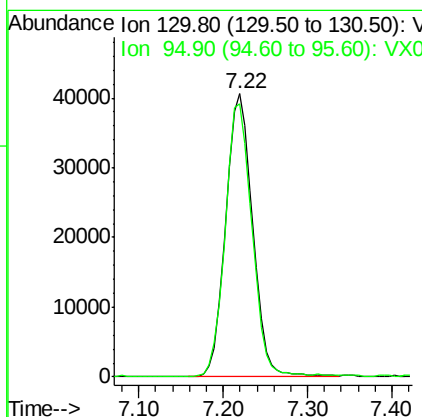
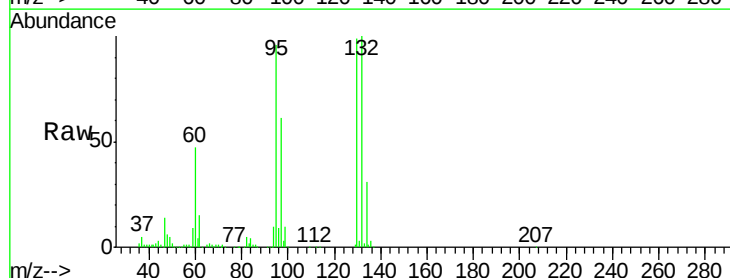
apatel
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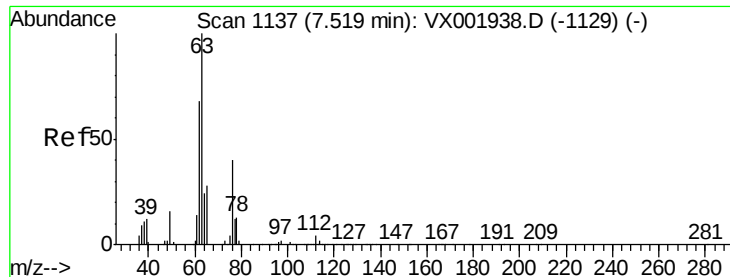


#44

Trichloroethene
 Concen: 19.177 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX001970.D
 Acq: 25 May 2018 12:10

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.3	0.0	192.0





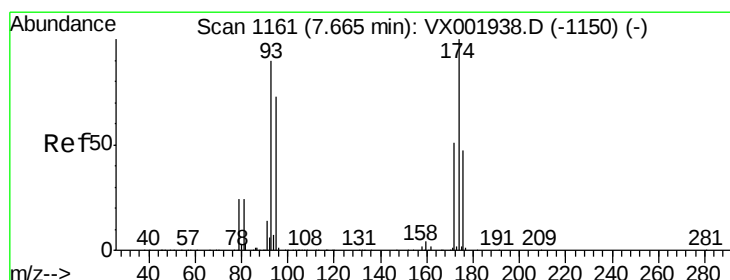
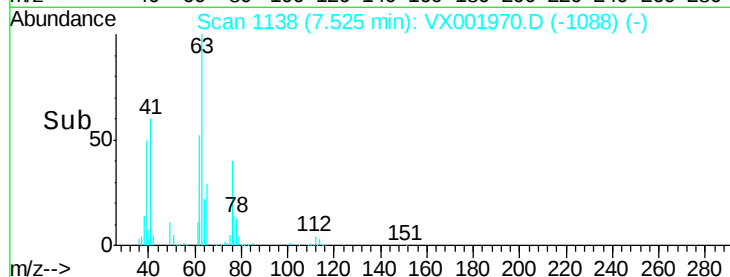
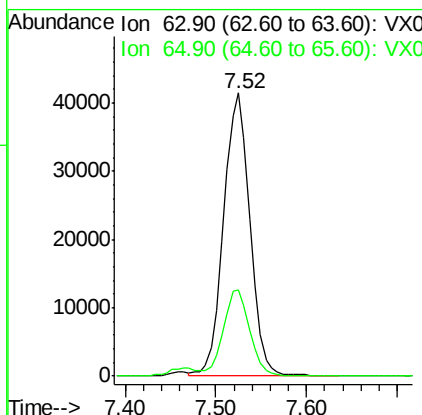
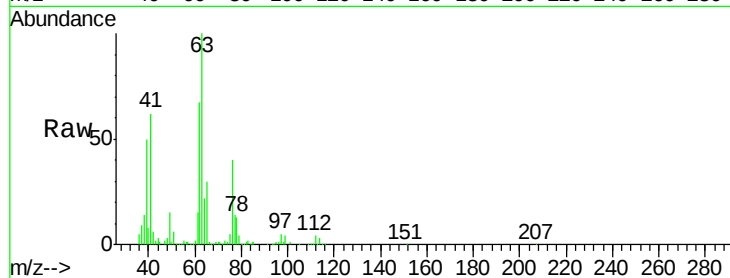
#45
 1,2-Dichloropropane
 Concen: 19.295 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VX001970.D
 Acq: 25 May 2018 12:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.3	24.1	36.1

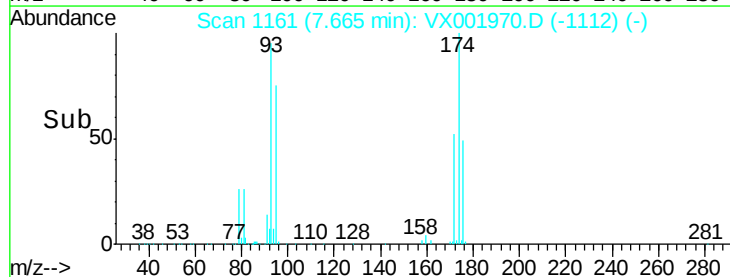
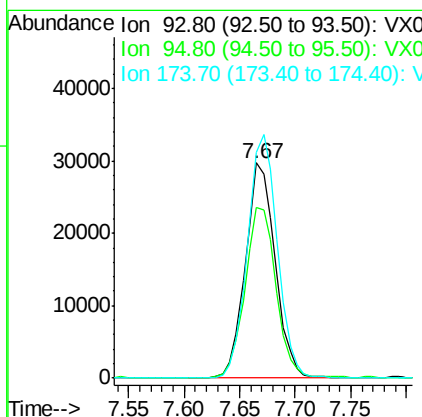
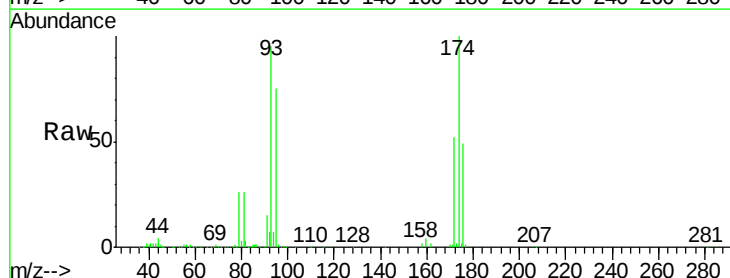
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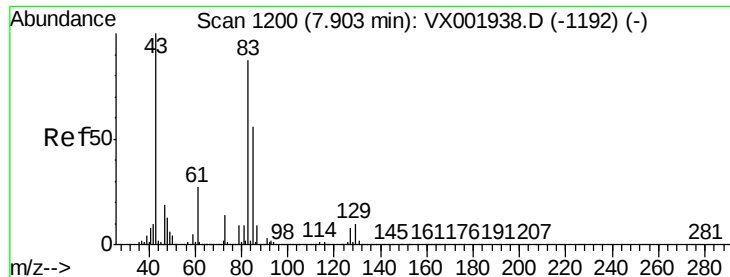
apatel
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#46
 Dibromomethane
 Concen: 19.432 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX001970.D
 Acq: 25 May 2018 12:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.8	66.1	99.1
174	113.9	92.5	138.7





#47

Bromodichloromethane

Concen: 18.660 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX001970.D

Acq: 25 May 2018 12:10

Instrument :

MSVOA_X

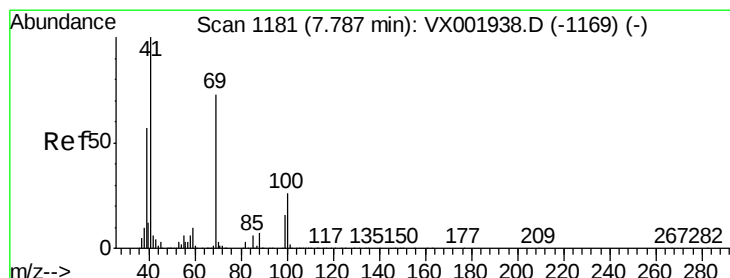
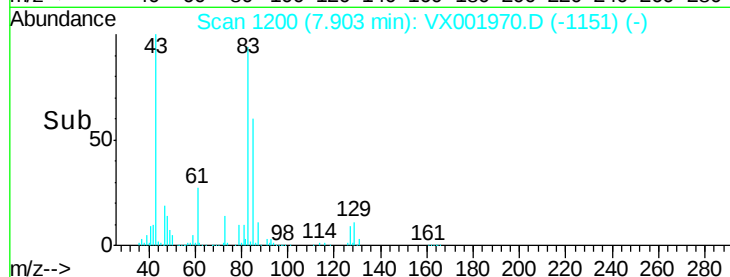
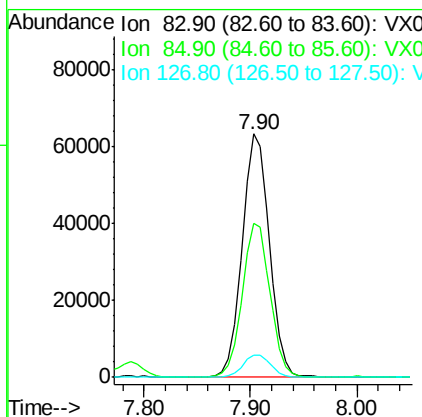
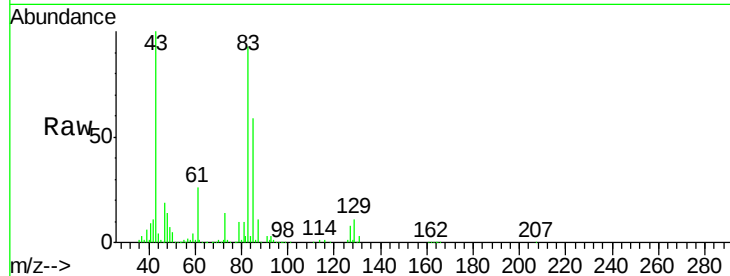
ClientSampleId :

VX0525WBS01

Tot Ion:	83	Resp:	113618
Ion Ratio	Lower	Upper	
83	100		
85	63.3	51.4	77.2
127	9.1	7.1	10.7

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#48

Methyl methacrylate

Concen: 18.923 ug/l

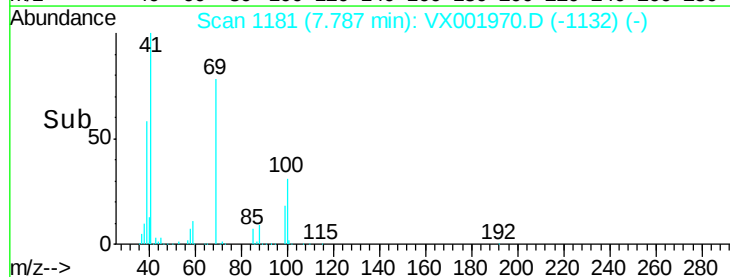
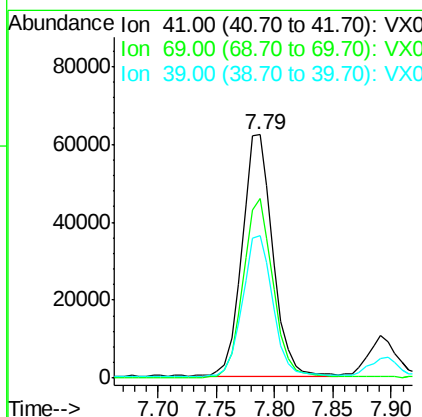
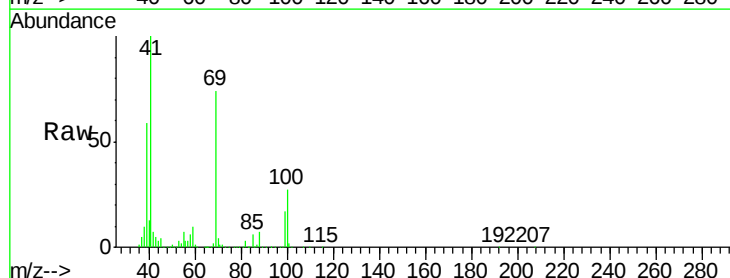
RT: 7.79 min Scan# 1181

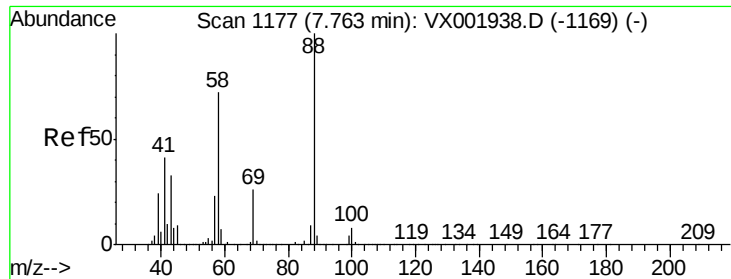
Delta R.T. -0.00 min

Lab File: VX001970.D

Acq: 25 May 2018 12:10

Tgt Ion:	41	Resp:	113415
Ion Ratio	Lower	Upper	
41	100		
69	72.3	58.6	87.8
39	57.9	46.3	69.5





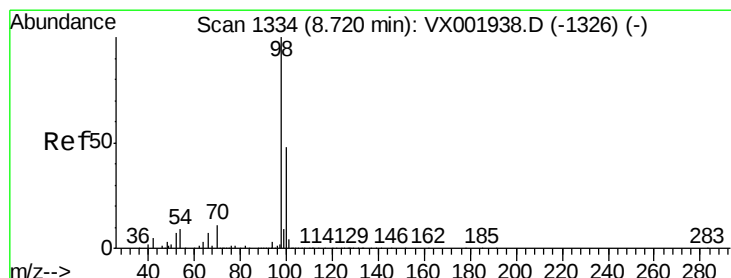
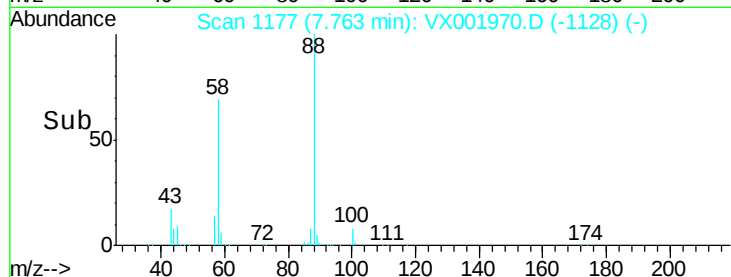
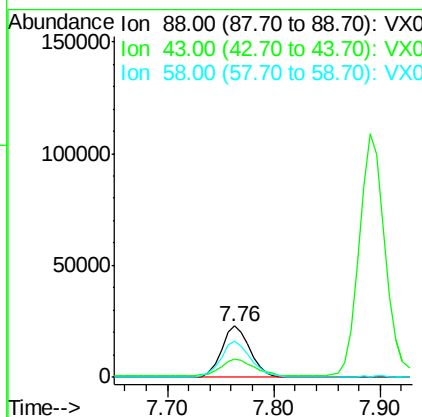
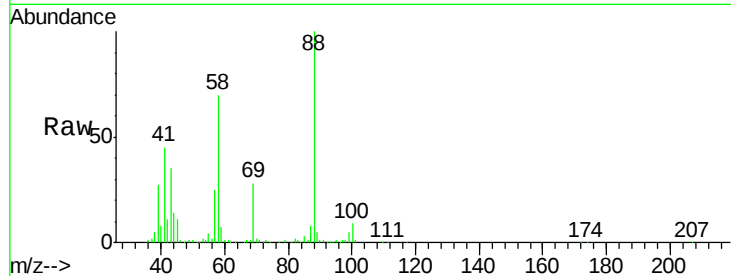
#49
1,4-Dioxane
Concen: 403.345 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX001970.D
Acq: 25 May 2018 12:10

Instrument :
MSVOA_X
ClientSampled :
VX0525WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.8	29.8	44.8
58	74.0	58.7	88.1

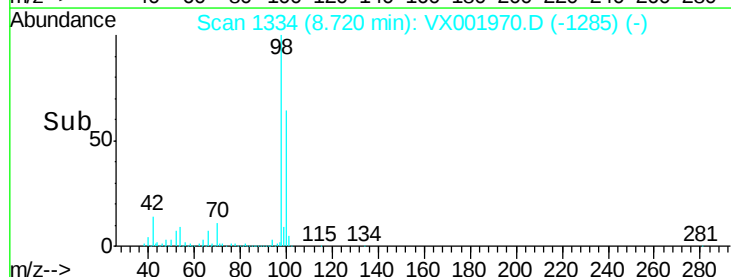
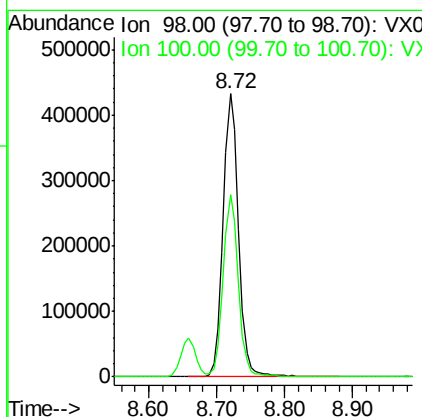
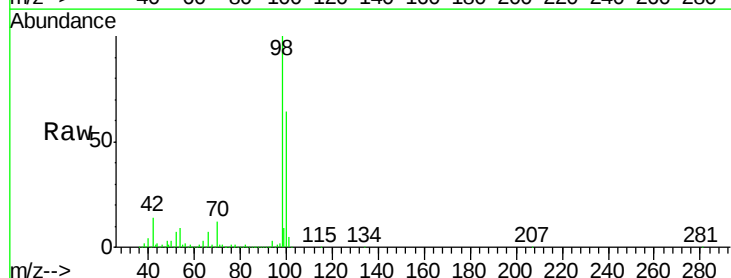
Manual Integrations
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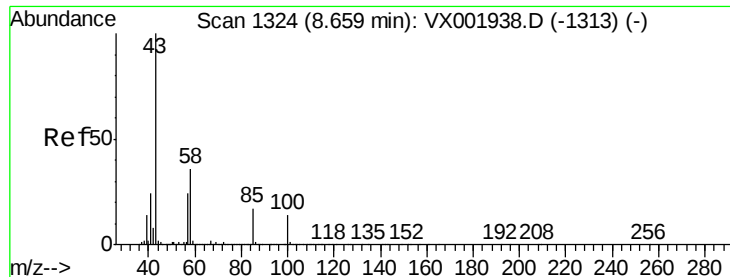
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#50
Toluene-d8
Concen: 48.279 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001970.D
Acq: 25 May 2018 12:10

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.5	77.3





#51

4-Methyl-2-Pentanone

Concen: 98.581 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX001970.D

Acq: 25 May 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBS01

Tot Ion: 43 Resp: 699824

Ion Ratio Lower Upper

43 100

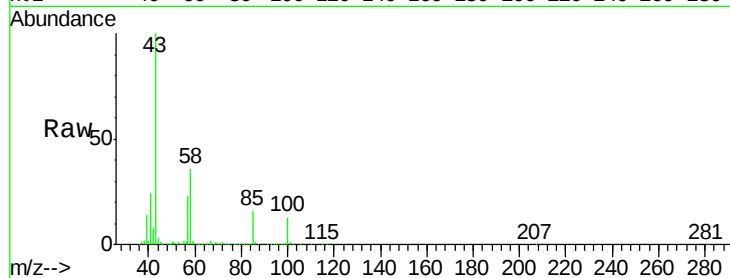
58 34.5 28.5 42.7

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

400000

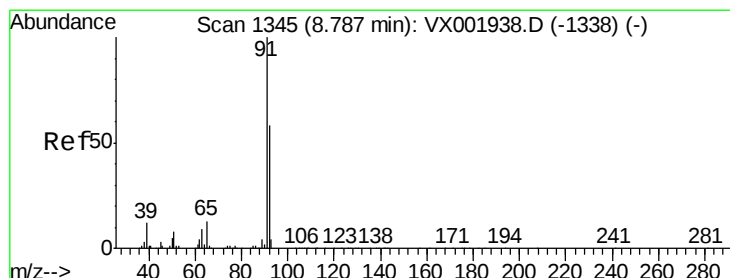
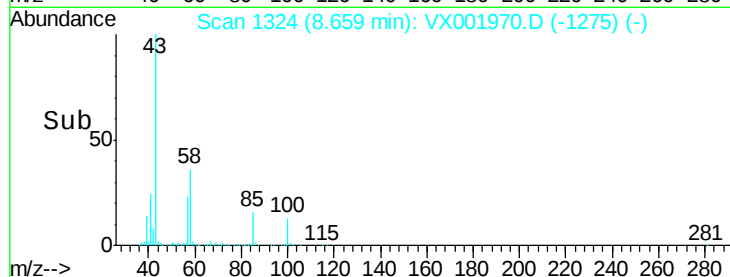
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 19.187 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX001970.D

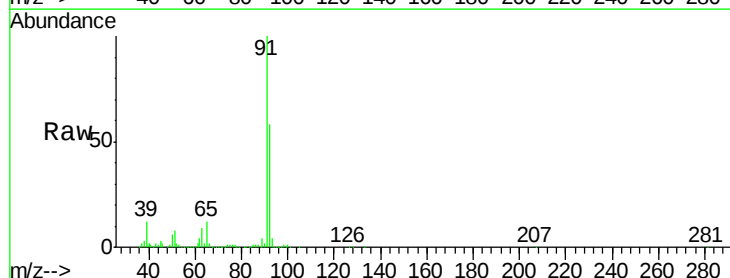
Acq: 25 May 2018 12:10

Tgt Ion: 92 Resp: 193941

Ion Ratio Lower Upper

92 100

91 173.1 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

200000

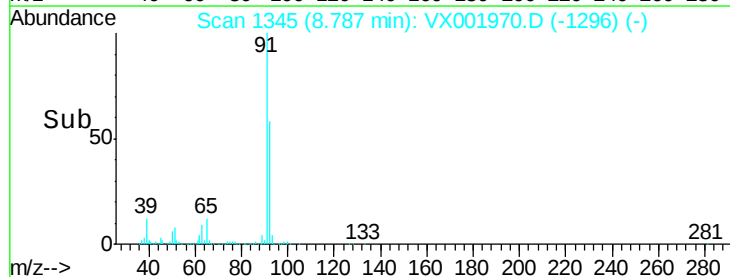
150000

100000

50000

0

Time-->





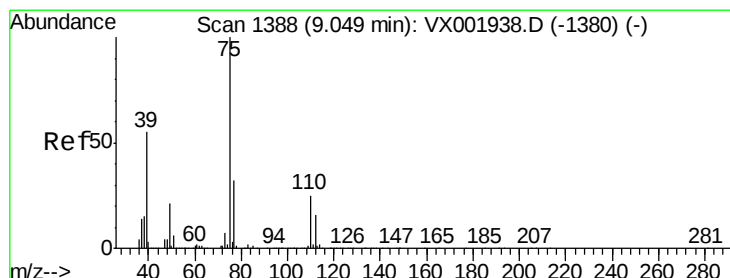
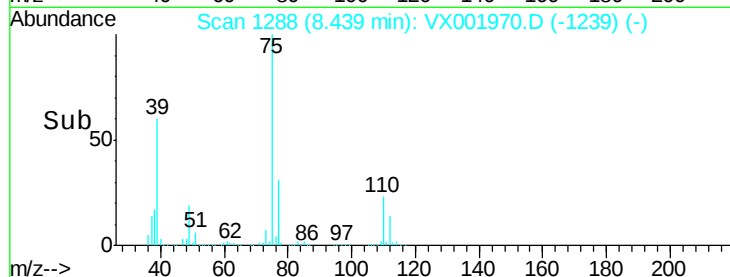
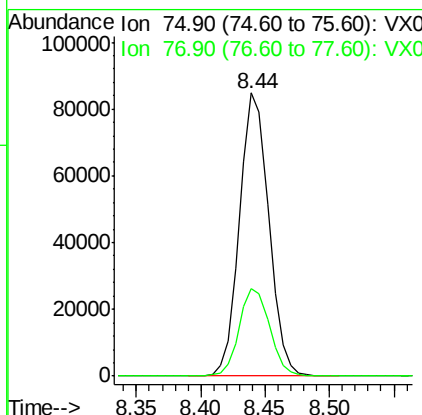
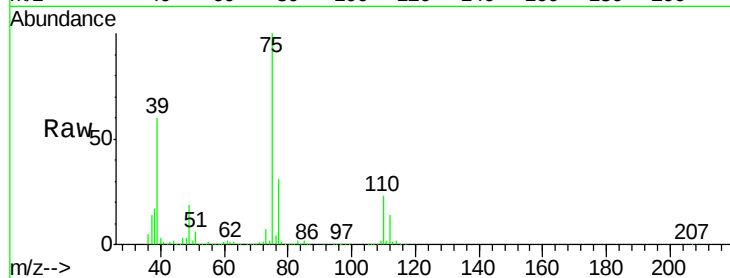
#53
t-1,3-Dichloropropene
Concen: 19.083 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX001970.D
Acq: 25 May 2018 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.5	38.3

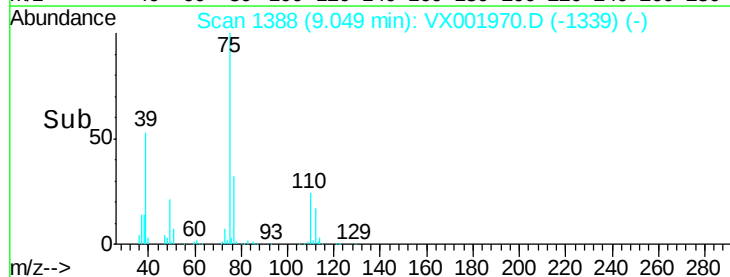
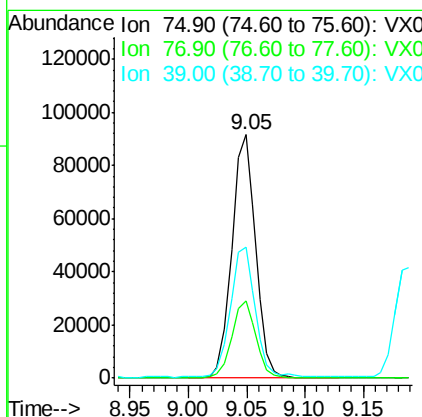
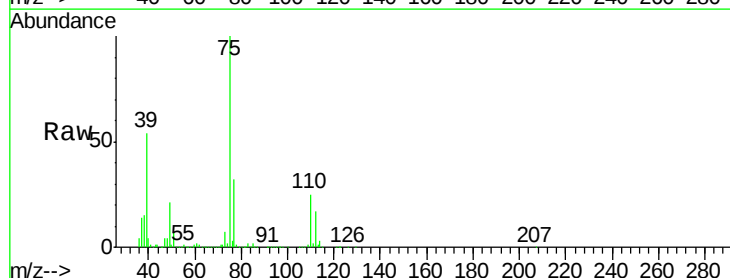
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#54
cis-1,3-Dichloropropene
Concen: 19.047 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX001970.D
Acq: 25 May 2018 12:10

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.4	38.0
39	53.2	44.1	66.1





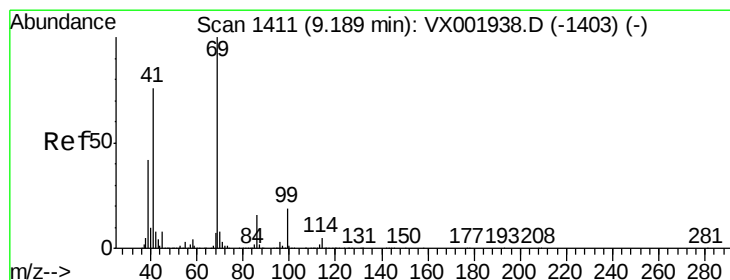
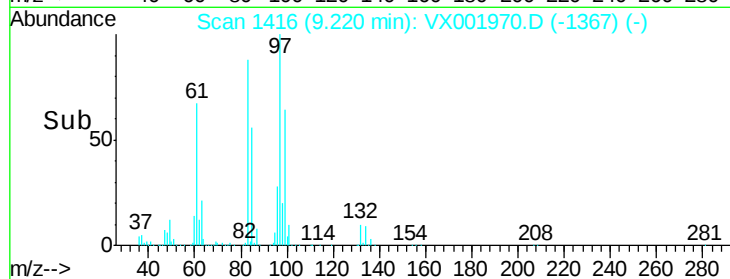
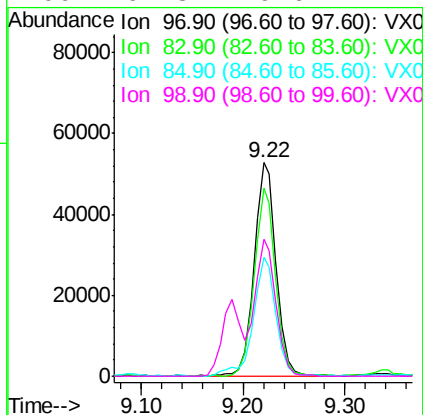
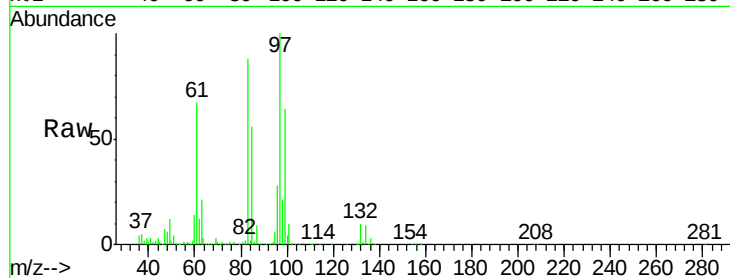
#55
 1,1,2-Trichloroethane
 Concen: 18.750 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001970.D
 Acq: 25 May 2018 12:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525WBS01

Tot Ion:	97	Resp:	79172
Ion	Ratio	Lower	Upper
97	100		
83	88.1	69.1	103.7
85	55.8	45.2	67.8
99	64.3	49.6	74.4

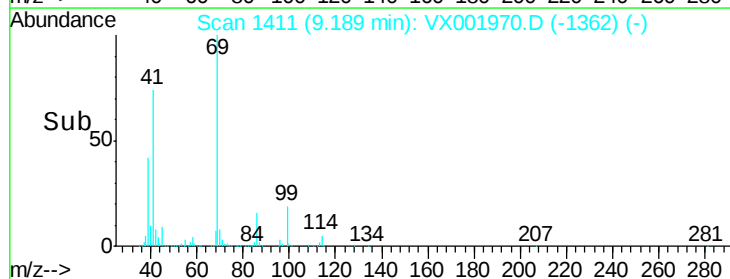
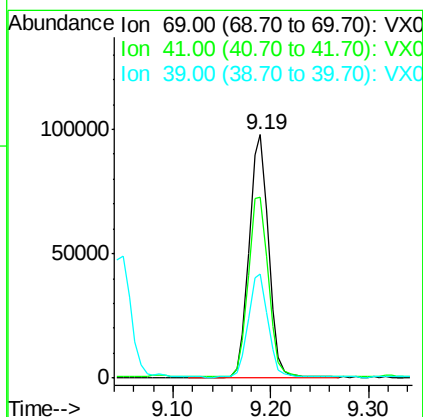
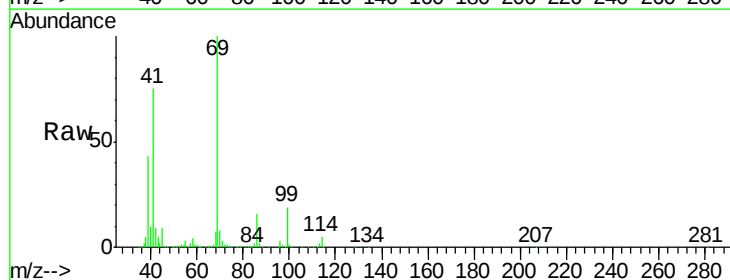
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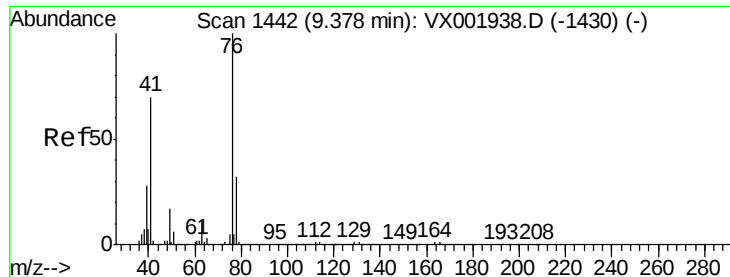
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#56
 Ethyl methacrylate
 Concen: 18.549 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001970.D
 Acq: 25 May 2018 12:10

Tgt Ion:	69	Resp:	134719
Ion	Ratio	Lower	Upper
69	100		
41	76.8	61.0	91.6
39	43.6	34.4	51.6





#57

1,3-Dichloropropane

Concen: 19.076 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX001970.D

Acq: 25 May 2018 12:10

Instrument :

MSVOA_X

ClientSampled :

VX0525WBS01

Tot Ion: 76 Resp: 132692

Ion Ratio Lower Upper

76 100

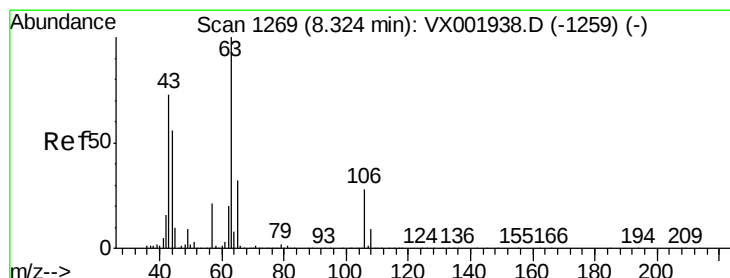
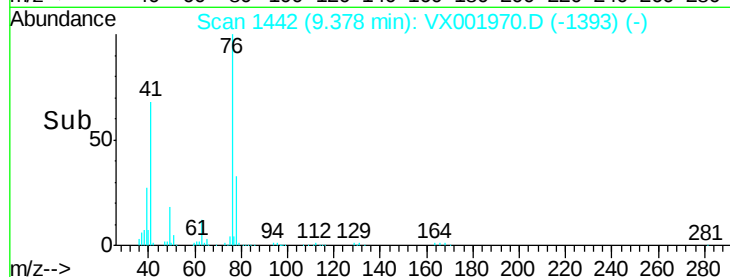
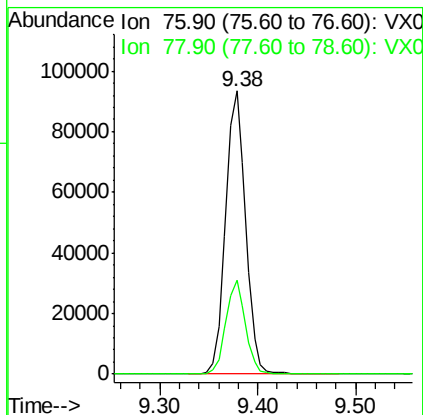
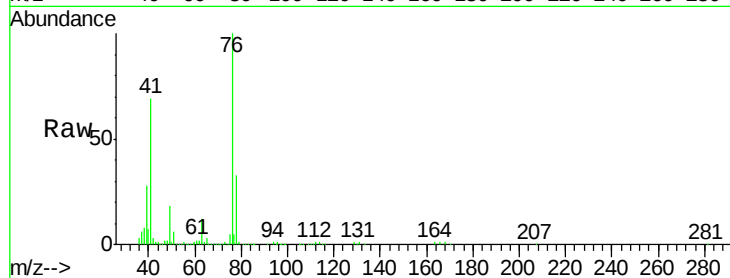
78 32.7 25.6 38.4

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#58

2-Chloroethyl Vinyl ether

Concen: 88.811 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX001970.D

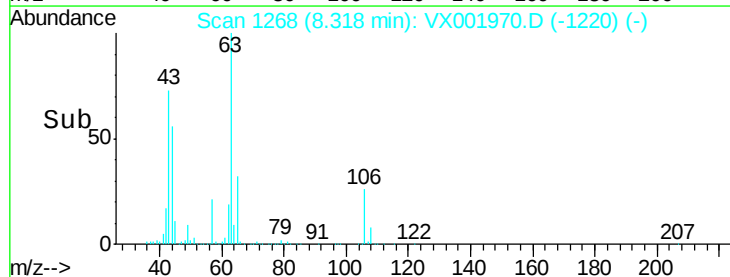
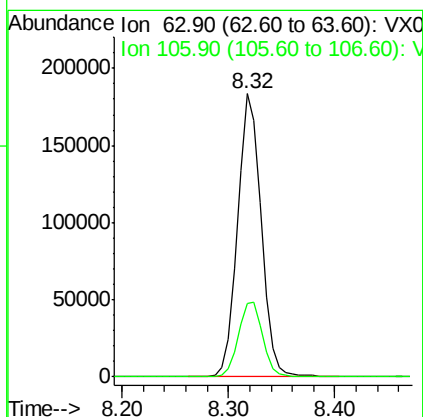
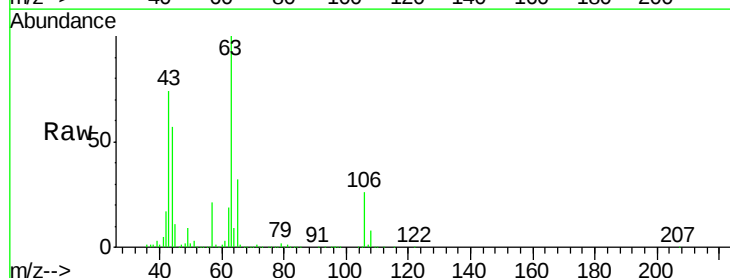
Acq: 25 May 2018 12:10

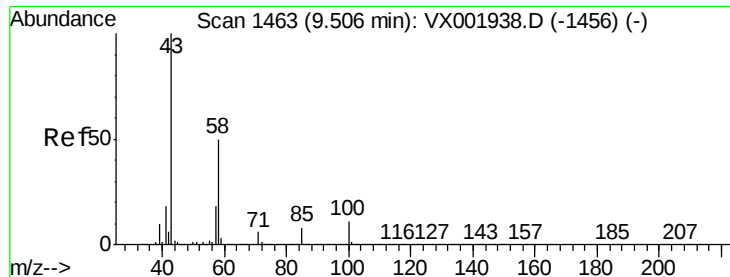
Tgt Ion: 63 Resp: 285890

Ion Ratio Lower Upper

63 100

106 27.4 21.7 32.5





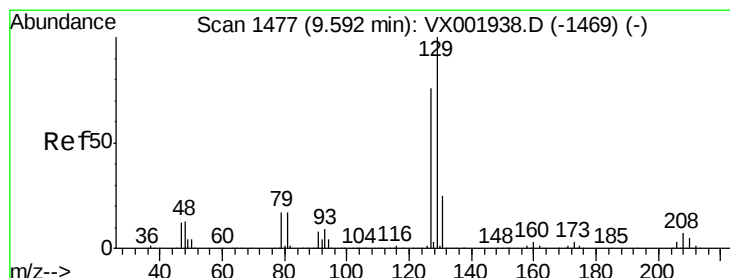
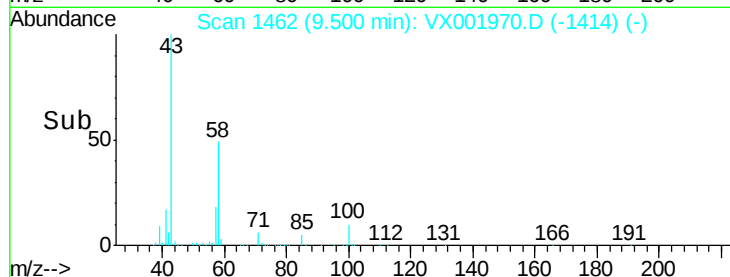
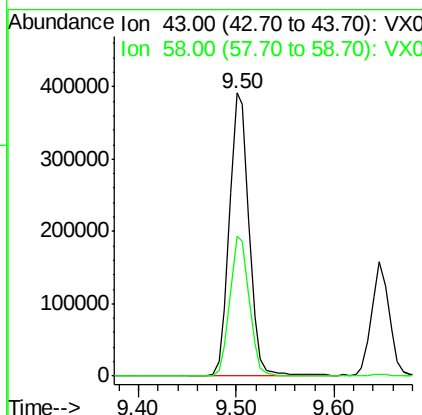
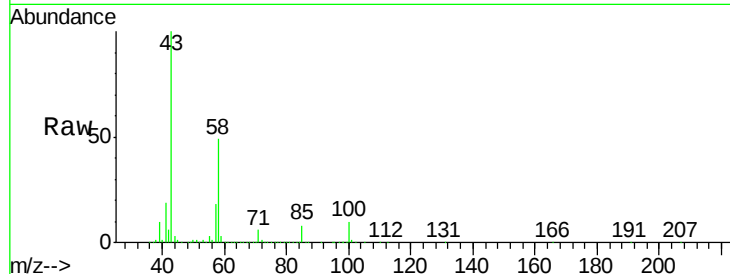
#59
2-Hexanone
Concen: 99.390 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001970.D
Acq: 25 May 2018 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBS01

Tot Ion: 43 Resp: 544039
Ion Ratio Lower Upper
43 100
58 49.2 24.9 74.6

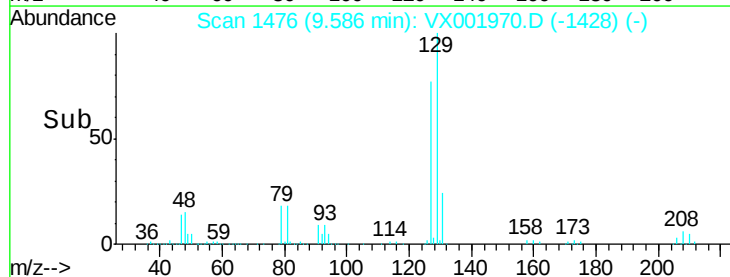
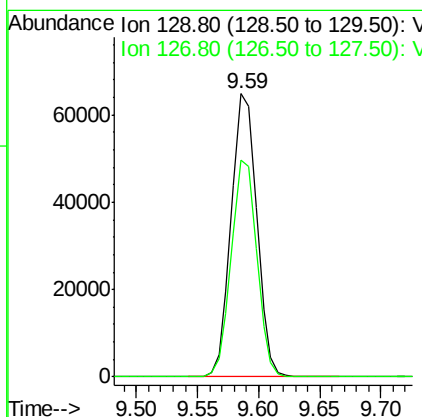
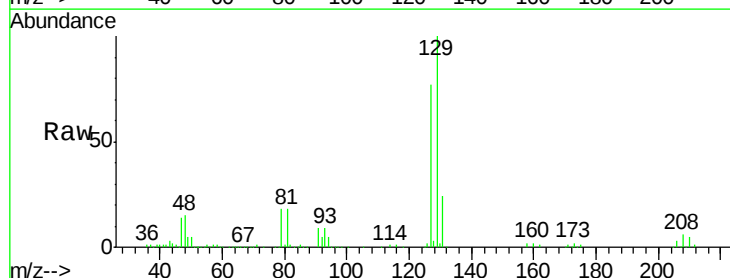
Manual Integrations
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#60
Dibromochloromethane
Concen: 18.808 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001970.D
Acq: 25 May 2018 12:10

Tgt Ion: 129 Resp: 94063
Ion Ratio Lower Upper
129 100
127 76.4 38.3 114.9





#61

1,2-Dibromoethane

Concen: 18.893 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001970.D

Acq: 25 May 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBS01

Tot Ion:107 Resp: 83707

Ion Ratio Lower Upper

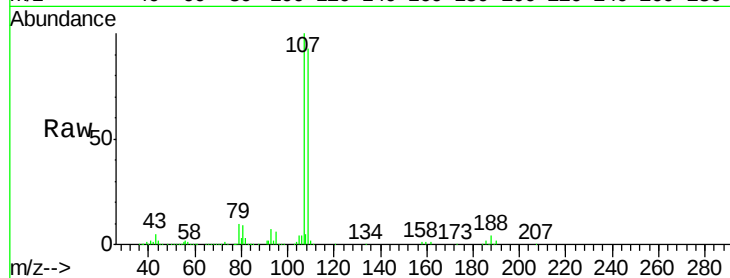
107 100

109 93.8 75.3 112.9

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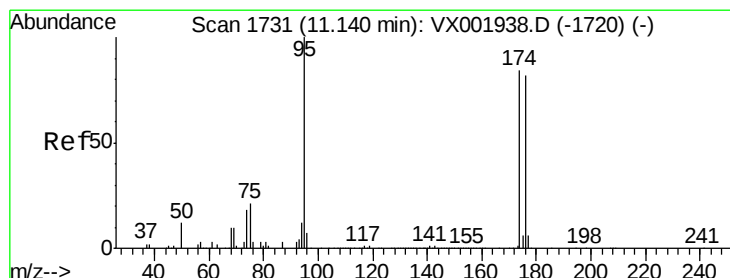
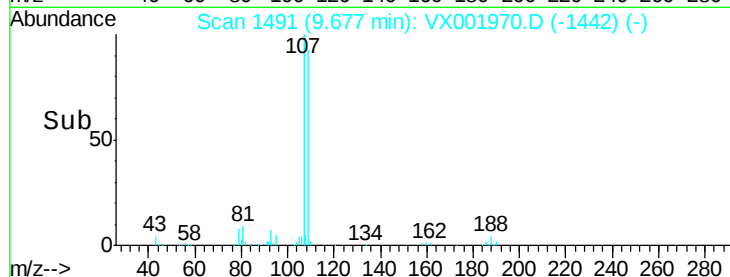
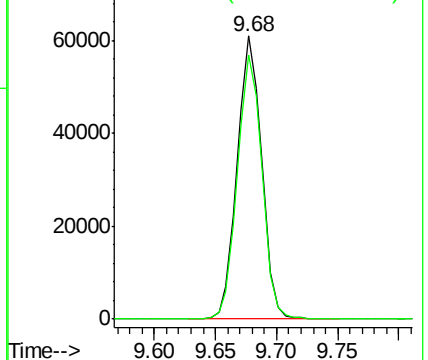
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.022 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001970.D

Acq: 25 May 2018 12:10

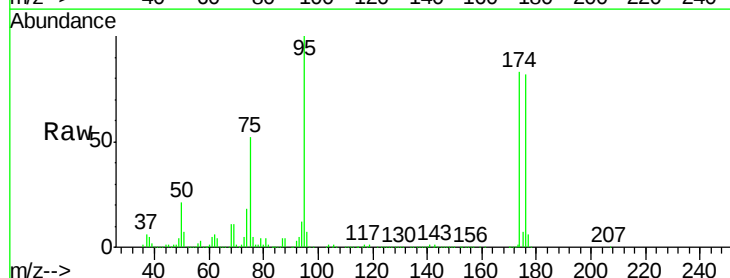
Tgt Ion: 95 Resp: 259596

Ion Ratio Lower Upper

95 100

174 90.6 0.0 178.8

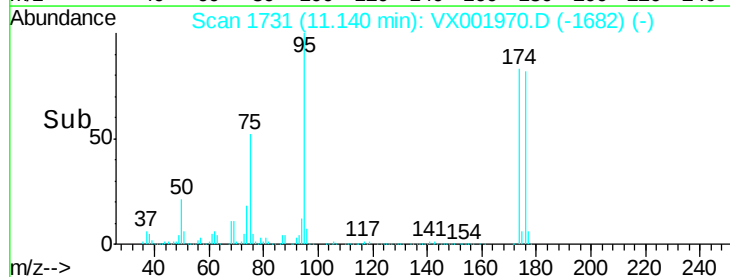
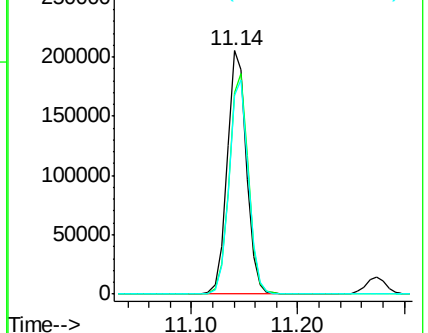
176 88.7 0.0 175.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX001970.D

Acq: 25 May 2018 12:10

Instrument :

MSVOA_X

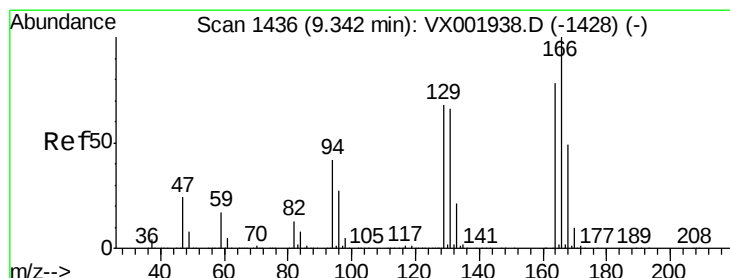
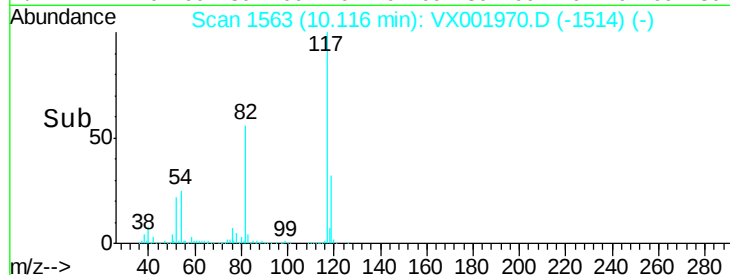
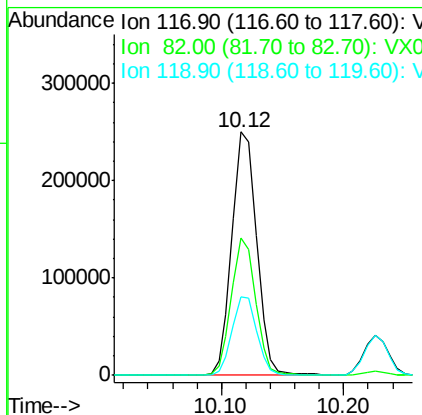
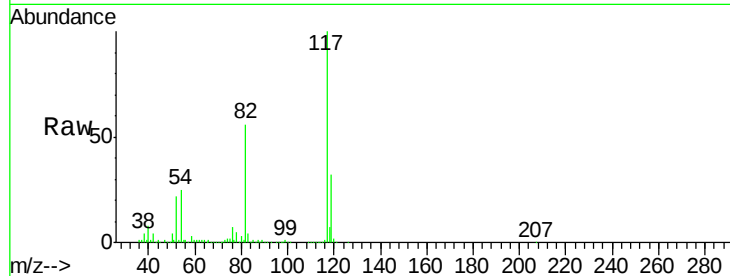
ClientSampleId :

VX0525WBS01

Tot Ion:	117	Resp:	351880
Ion Ratio	Lower	Upper	
117	100		
82	56.2	44.8	67.2
119	32.4	25.5	38.3

Manual Integrations
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#64

Tetrachloroethene

Concen: 19.292 ug/l

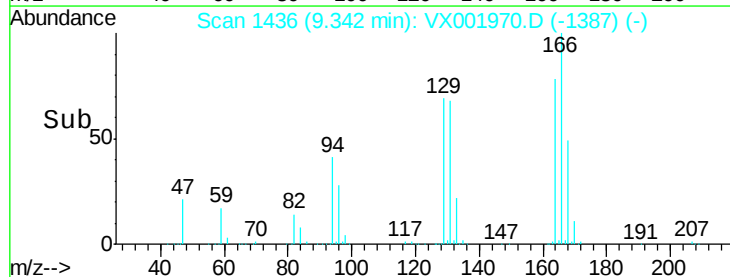
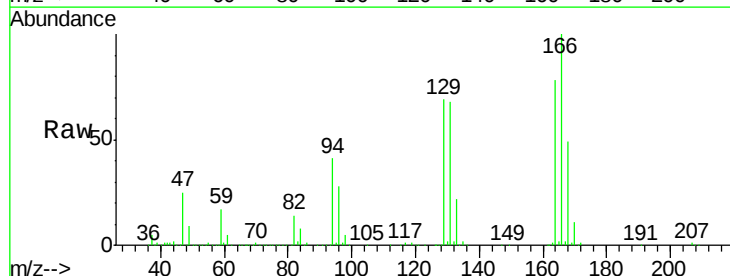
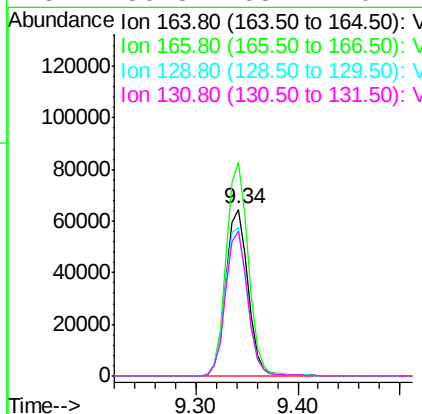
RT: 9.34 min Scan# 1436

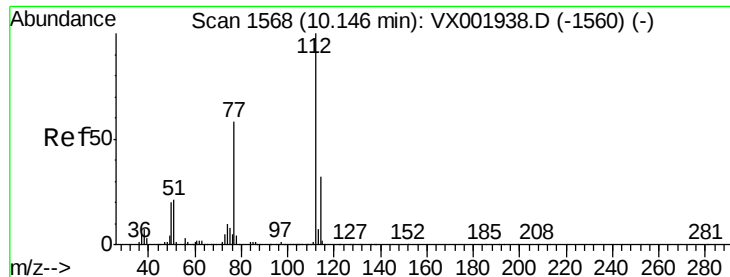
Delta R.T. -0.00 min

Lab File: VX001970.D

Acq: 25 May 2018 12:10

Tgt Ion:	164	Resp:	97332
Ion Ratio	Lower	Upper	
164	100		
166	127.9	102.7	154.1
129	88.8	70.3	105.5
131	86.8	68.2	102.4





#65

Chlorobenzene

Concen: 19.414 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX001970.D

Acq: 25 May 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBS01

Tot Ion:112 Resp: 216431

Ion Ratio Lower Upper

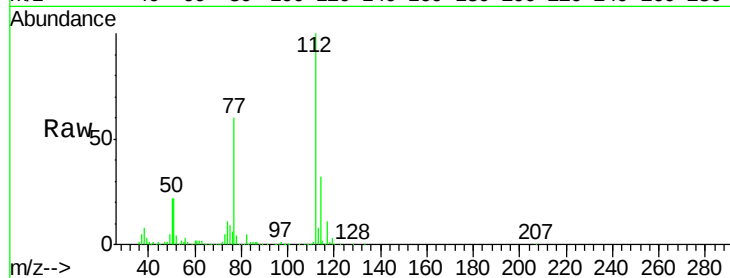
112 100

114 32.2 25.9 38.9

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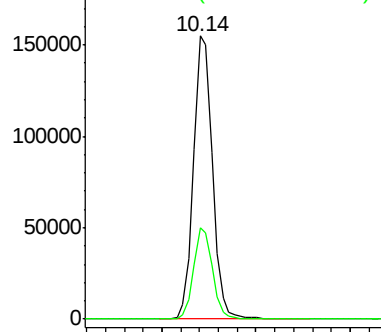
apatel

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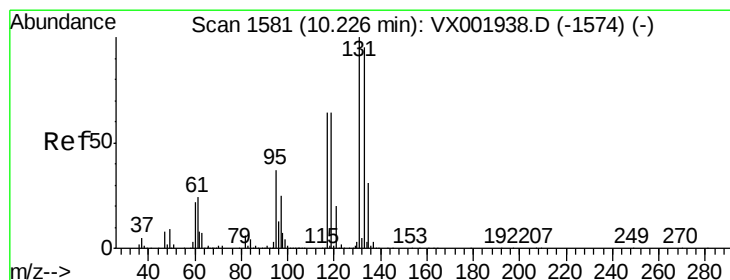
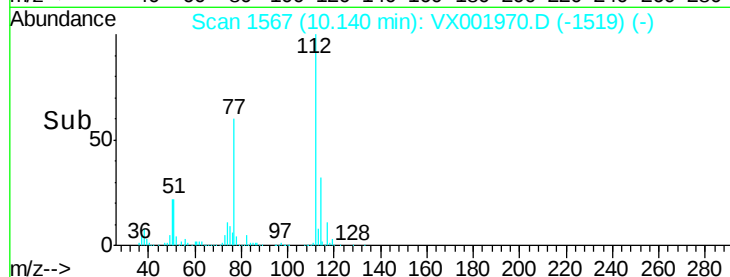


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.056 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001970.D

Acq: 25 May 2018 12:10

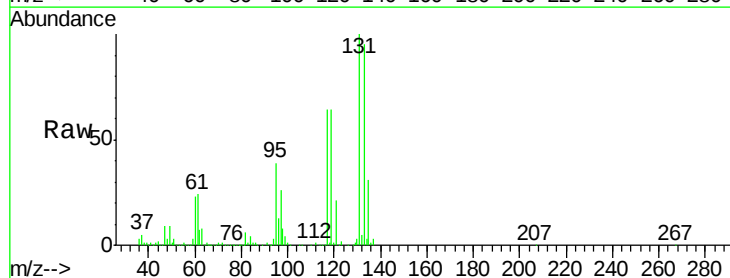
Tgt Ion:131 Resp: 85788

Ion Ratio Lower Upper

131 100

133 95.1 48.0 144.0

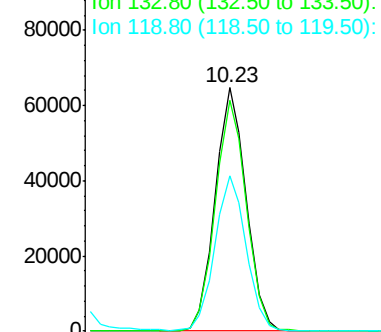
119 64.7 31.9 95.5



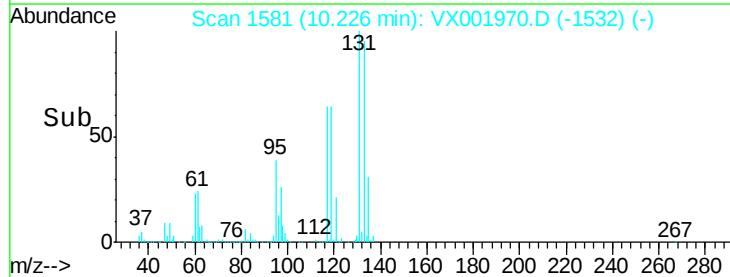
Abundance Ion 130.80 (130.50 to 131.50): V

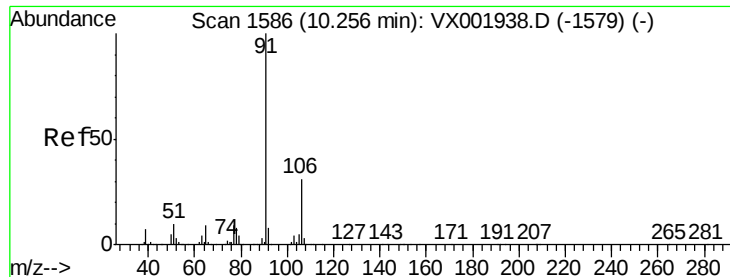
Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



Time-->





#67

Ethyl Benzene

Concen: 19.419 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001970.D

Acq: 25 May 2018 12:10

Instrument :

MSVOA_X

ClientSampled :

VX0525WBS01

Tot Ion: 91 Resp: 376146

Ion Ratio Lower Upper

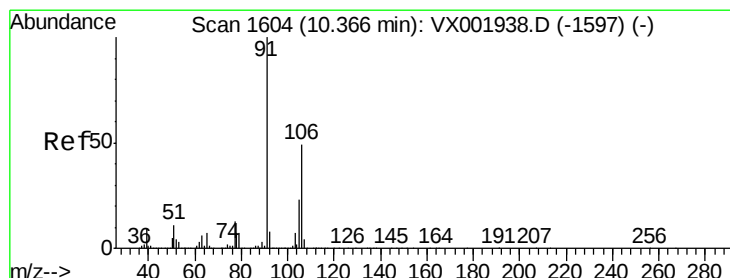
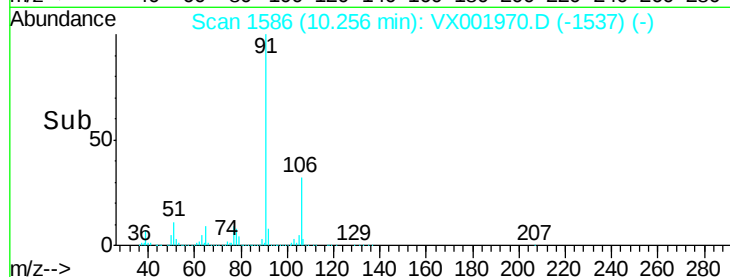
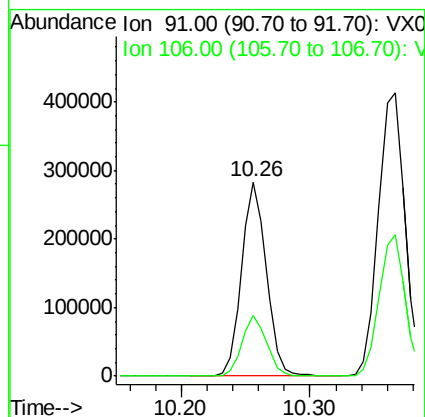
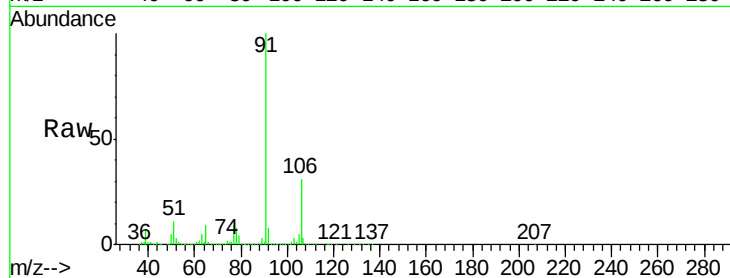
91 100

106 31.5 25.0 37.6

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#68

m/p-Xylenes

Concen: 39.018 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX001970.D

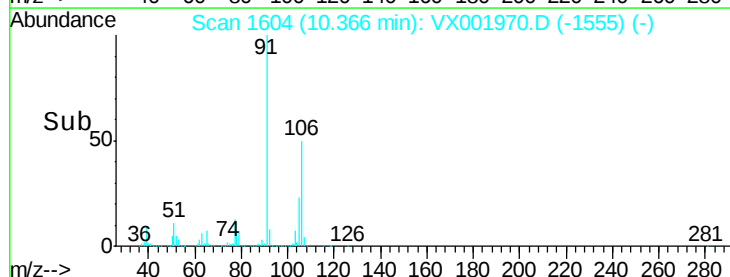
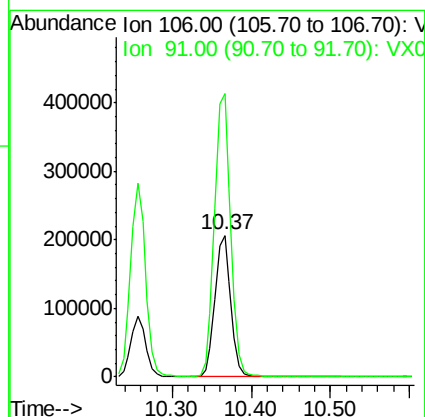
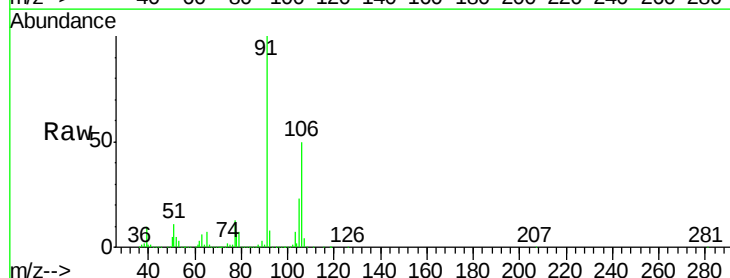
Acq: 25 May 2018 12:10

Tgt Ion: 106 Resp: 288903

Ion Ratio Lower Upper

106 100

91 204.6 165.0 247.6





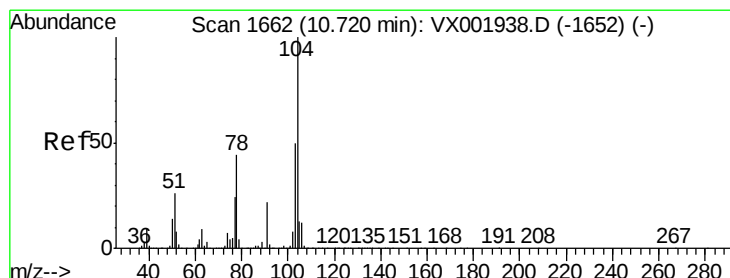
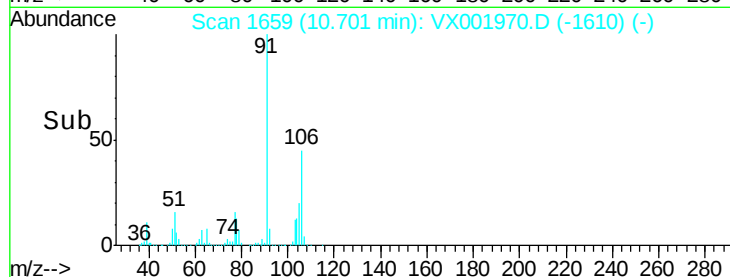
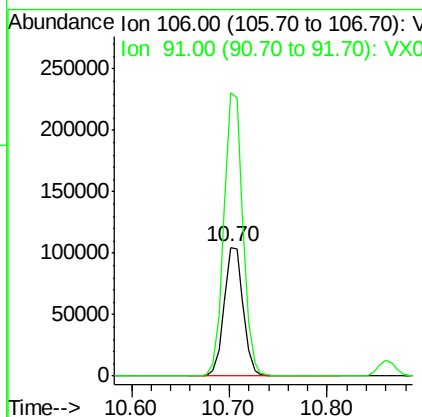
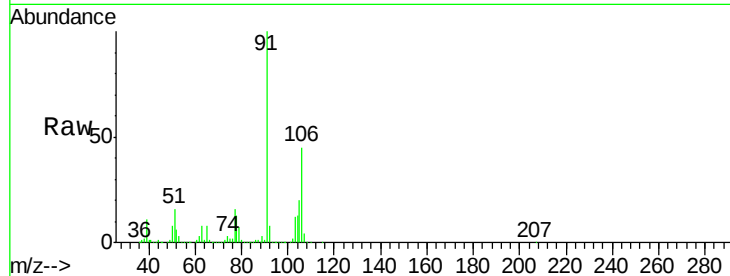
#69
o-Xylene
Concen: 19.188 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX001970.D
Acq: 25 May 2018 12:10

Instrument :
MSVOA_X
ClientSampled :
VX0525WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	141861		
91	91	218.5	108.7	325.9	

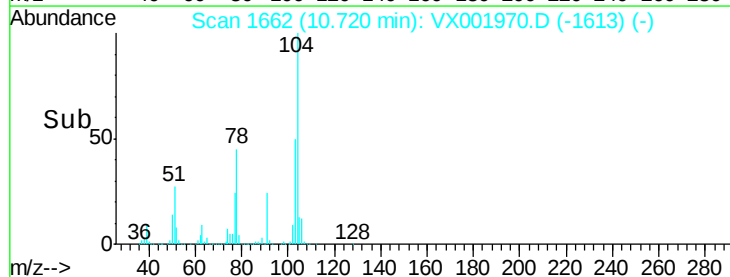
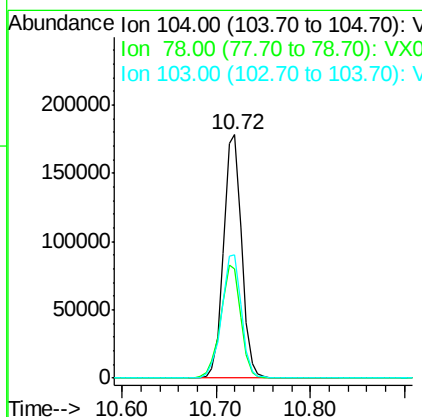
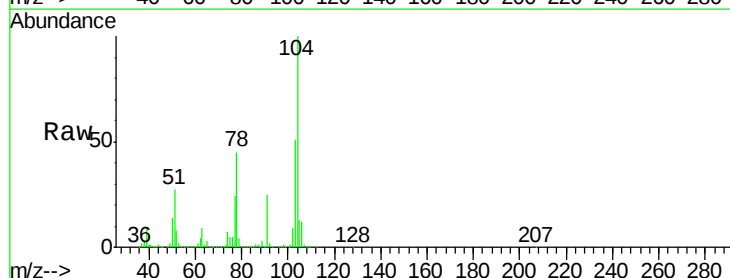
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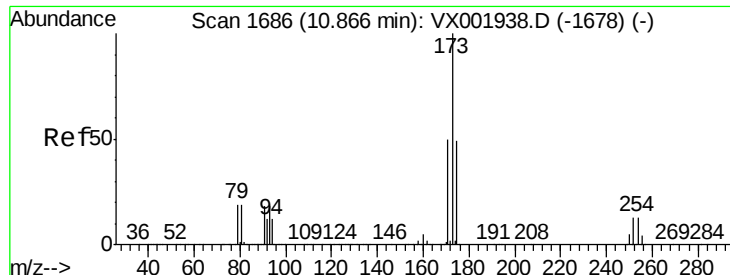
apatel
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#70
Styrene
Concen: 19.416 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001970.D
Acq: 25 May 2018 12:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	238062		
78	78	51.2	41.8	62.6	
103	103	55.1	44.6	67.0	





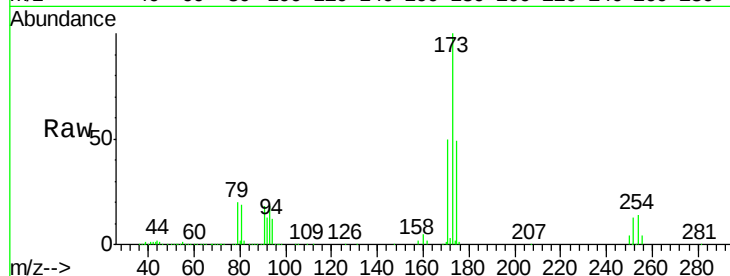
#71
Bromoform
Concen: 18.321 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX001970.D
Acq: 25 May 2018 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBS01

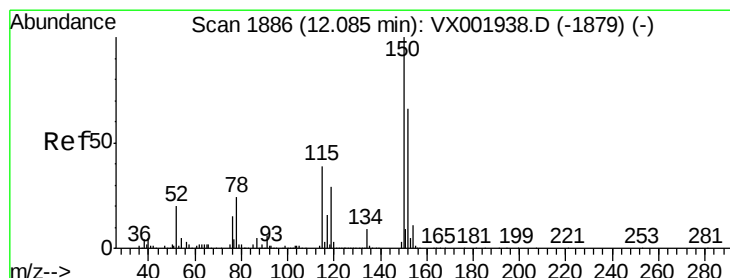
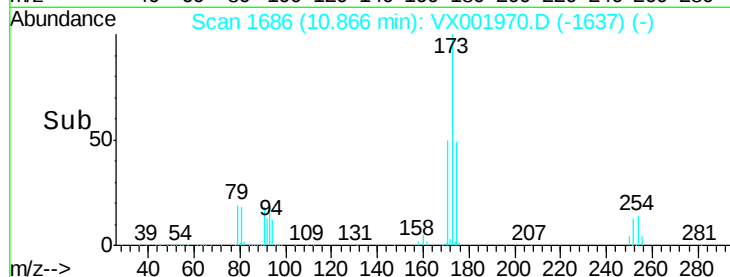
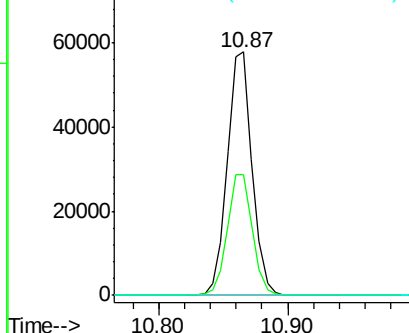
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.8	24.3	72.9
254	0.0	0.1	0.1#

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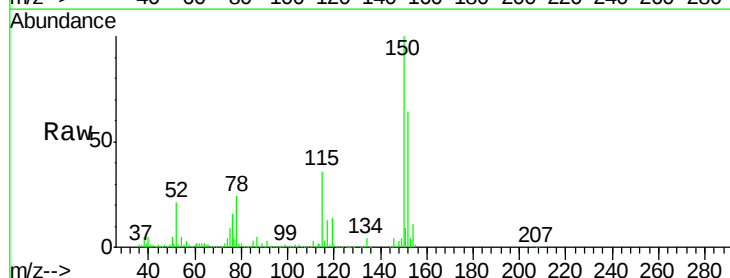


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

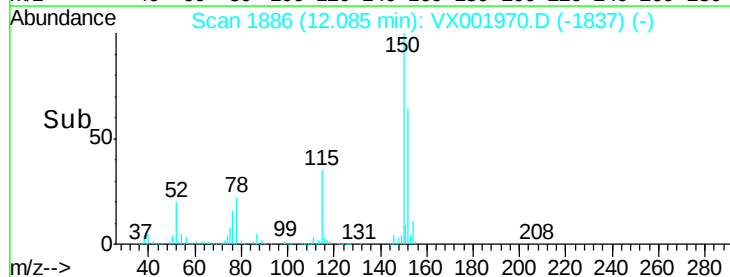
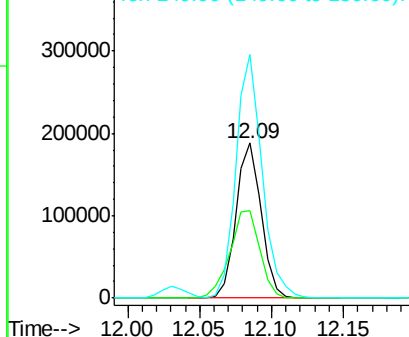


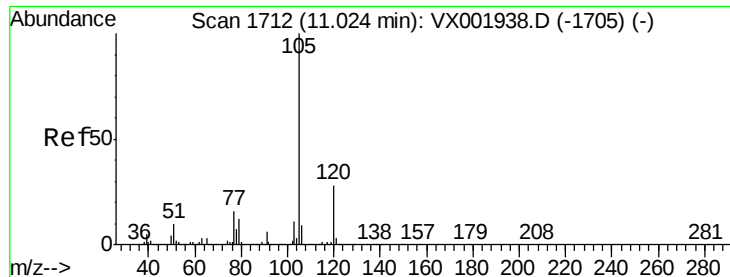
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001970.D
Acq: 25 May 2018 12:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	67.5	42.3	126.8
150	163.2	0.0	351.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.761 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001970.D

Acq: 25 May 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBS01

Tot Ion:105 Resp: 384441

Ion Ratio Lower Upper

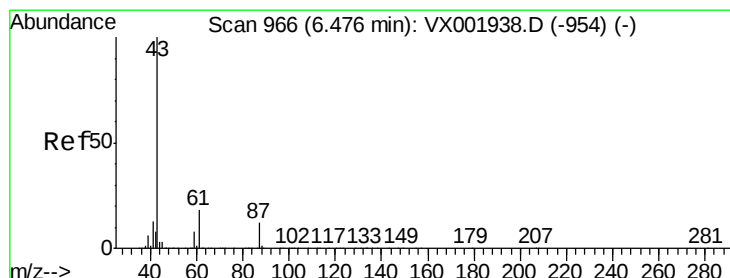
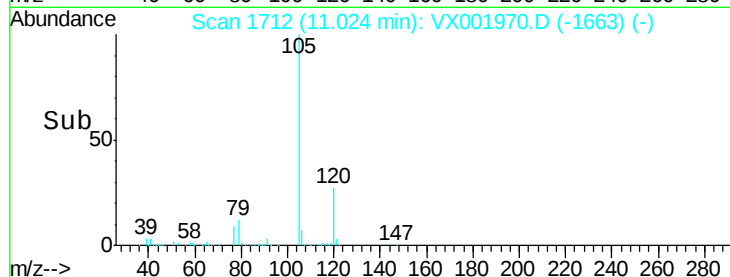
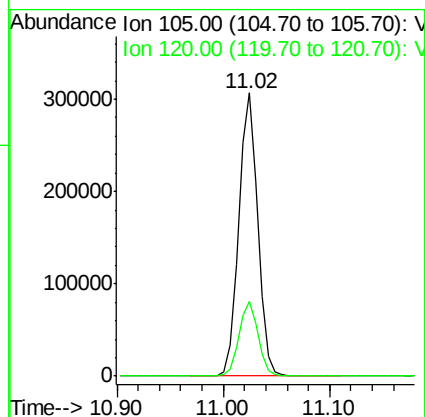
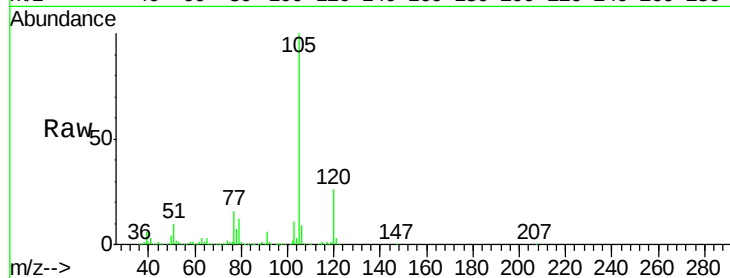
105 100

120 26.4 13.6 40.7

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#74

N-ethyl acetate

Concen: 20.684 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001970.D

Acq: 25 May 2018 12:10

Tgt Ion: 43 Resp: 227411

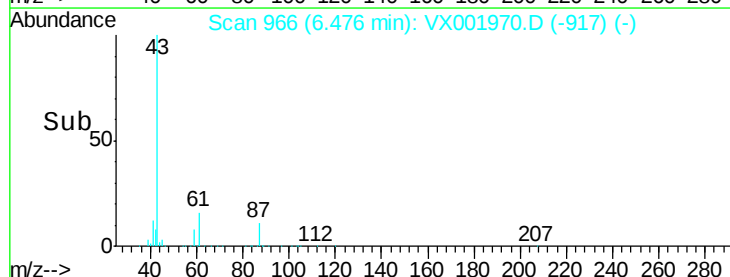
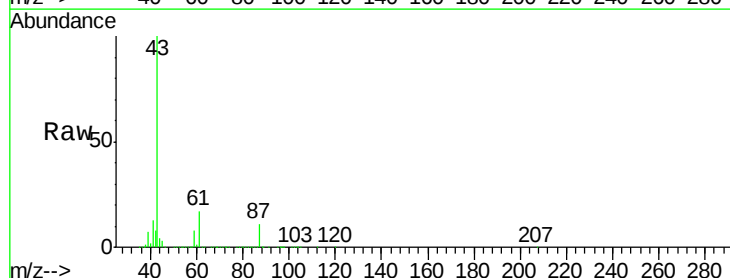
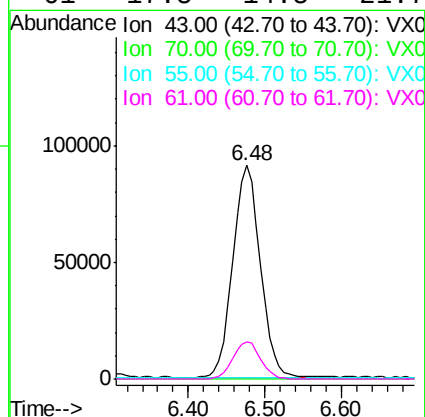
Ion Ratio Lower Upper

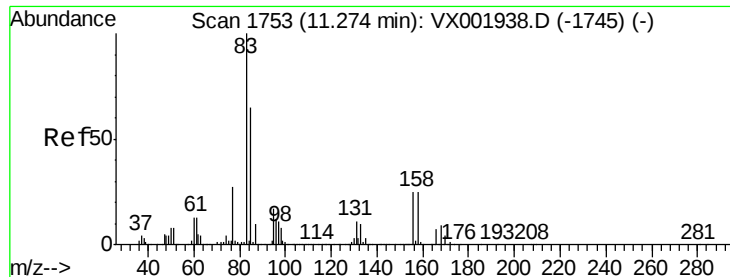
43 100

70 0.1 0.1 0.1#

55 0.1 0.1 0.1#

61 17.5 14.5 21.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.854 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001970.D

Acq: 25 May 2018 12:10

Instrument :

MSVOA_X

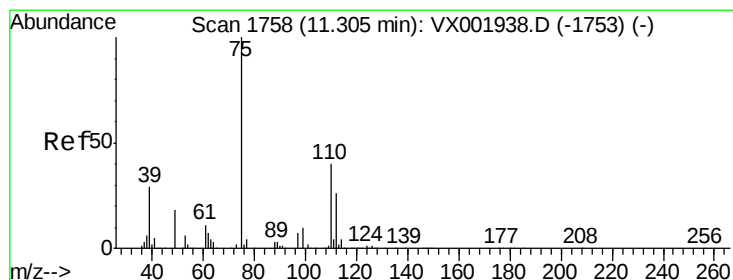
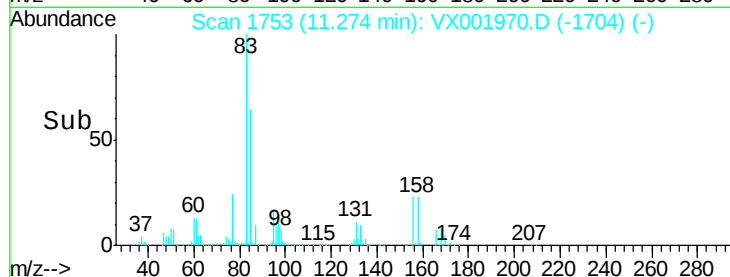
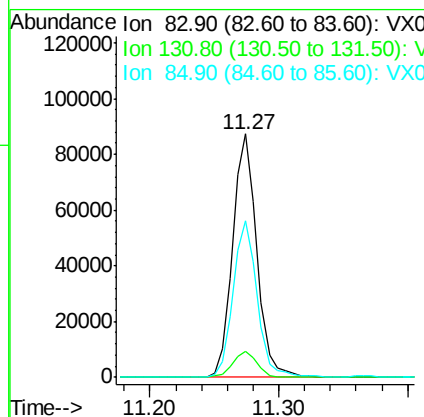
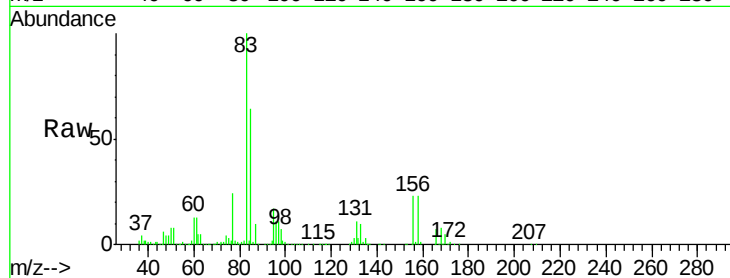
ClientSampled :

VX0525WBS01

Tot Ion:	83	Resp:	114885
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.7	17.0
85	63.8	32.6	97.7

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#76

1,2,3-Trichloropropane

Concen: 22.392 ug/l m

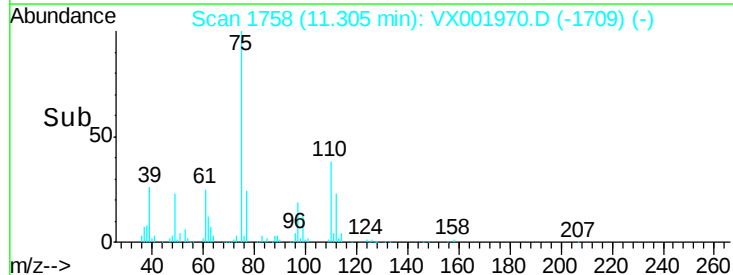
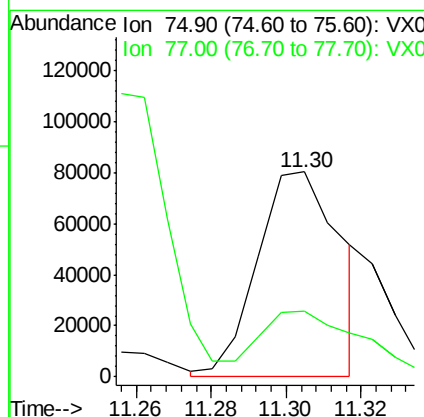
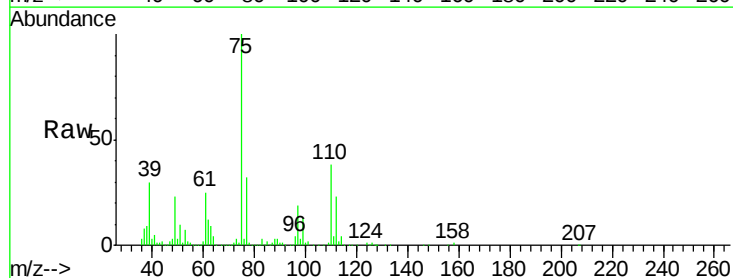
RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001970.D

Acq: 25 May 2018 12:10

Tgt Ion:	75	Resp:	123562
Ion Ratio	Lower	Upper	
75	100		
77	38.5	22.8	68.3





#77

Bromobenzene

Concen: 19.645 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001970.D

Acq: 25 May 2018 12:10

Instrument :

MSVOA_X

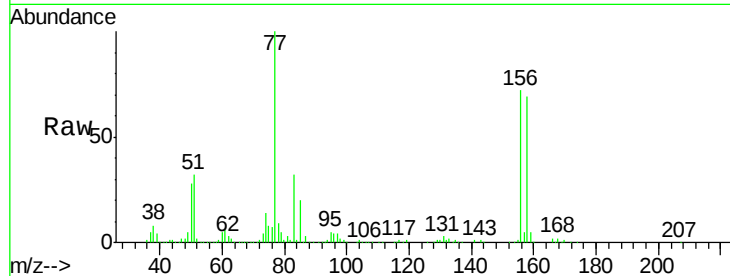
ClientSampled :

VX0525WBS01

Tot Ion:	156	Resp:	101395
Ion Ratio	Lower	Upper	
156	100		
77	148.7	75.2	225.6
158	96.9	48.6	145.8

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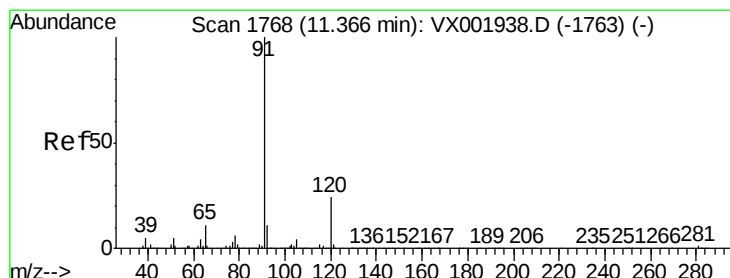
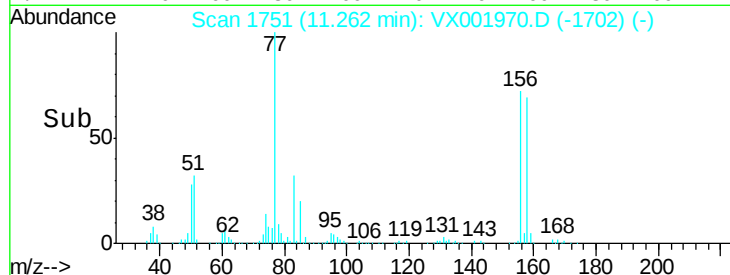
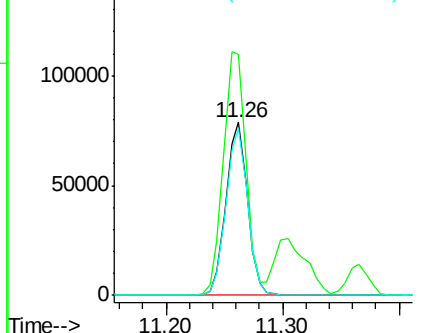
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.415 ug/l

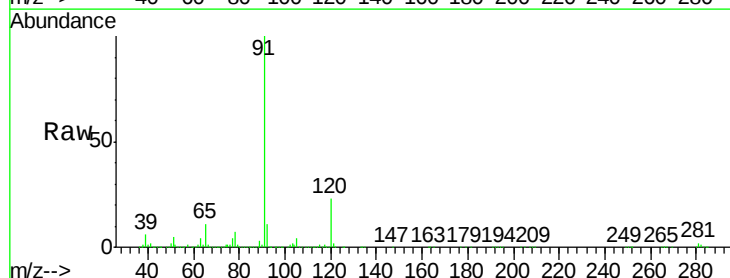
RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001970.D

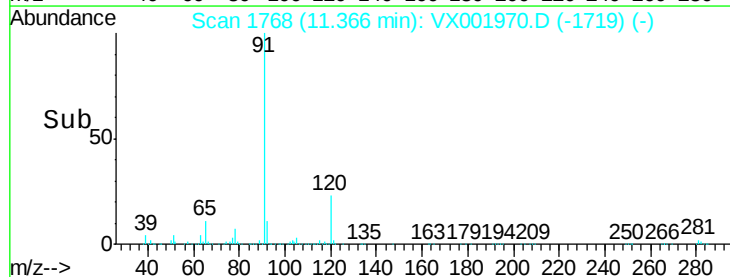
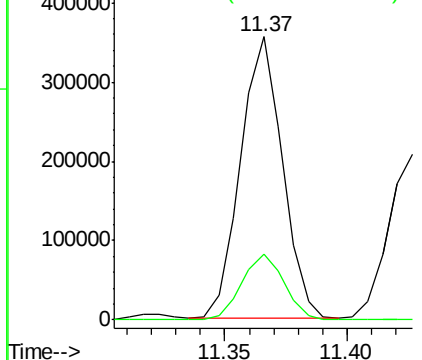
Acq: 25 May 2018 12:10

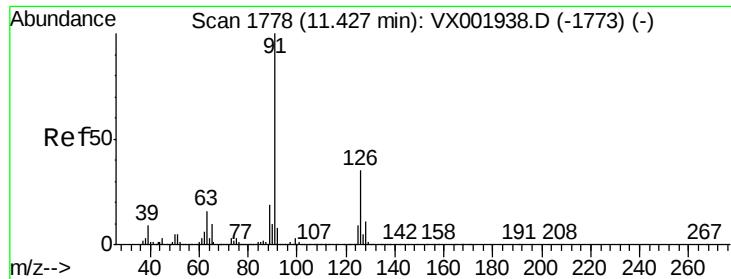
Tgt Ion:	91	Resp:	423021
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.9	35.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.139 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001970.D

Acq: 25 May 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBS01

Tot Ion: 91 Resp: 257168

Ion Ratio Lower Upper

91 100

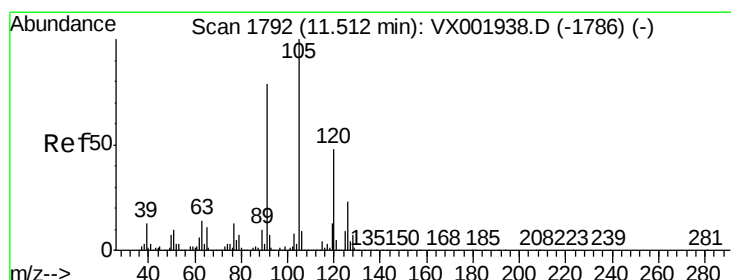
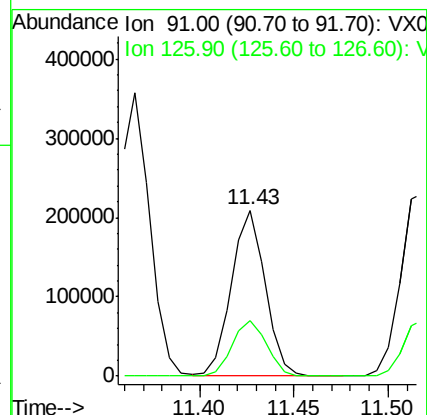
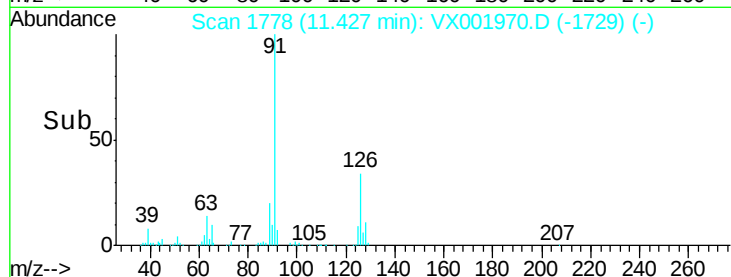
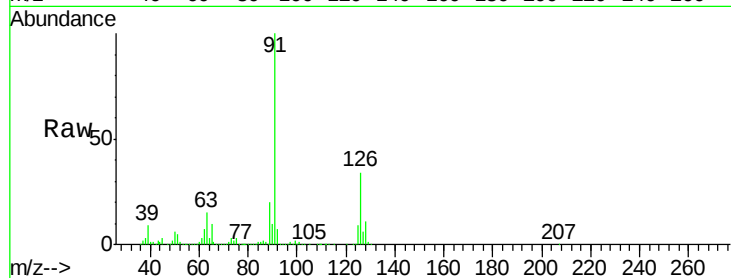
126 34.9 17.4 52.2

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#80

1,3,5-Trimethylbenzene

Concen: 19.376 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001970.D

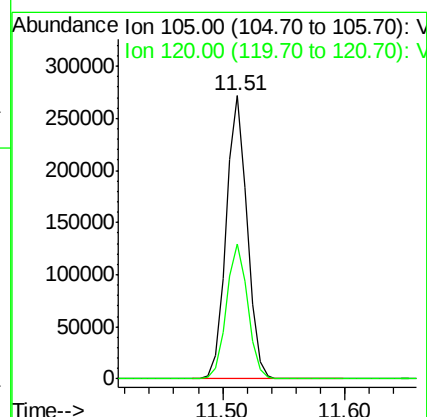
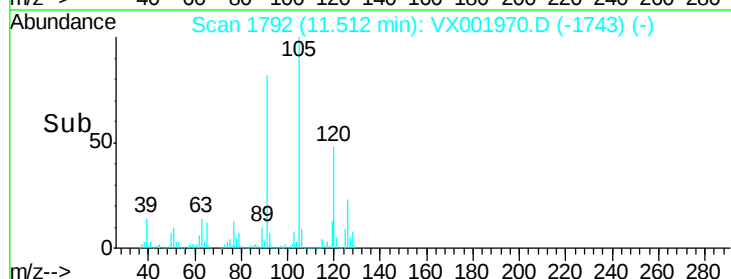
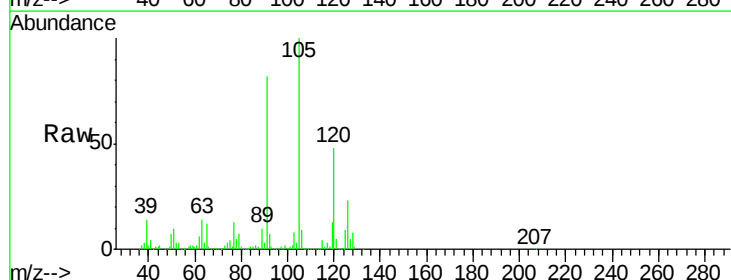
Acq: 25 May 2018 12:10

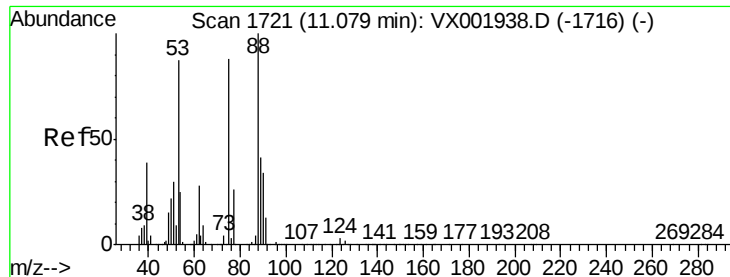
Tgt Ion: 105 Resp: 322129

Ion Ratio Lower Upper

105 100

120 48.5 24.1 72.4





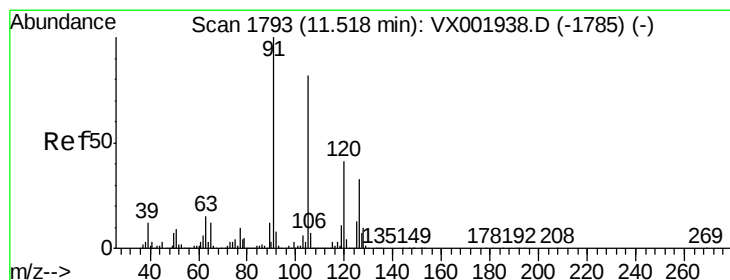
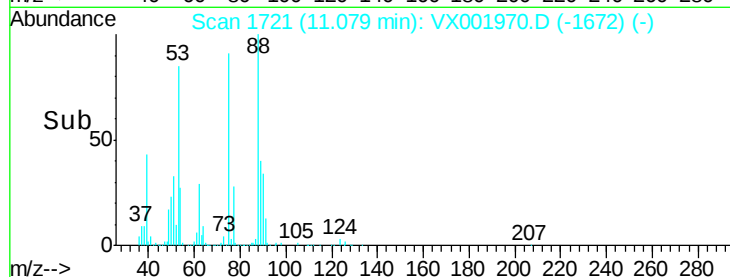
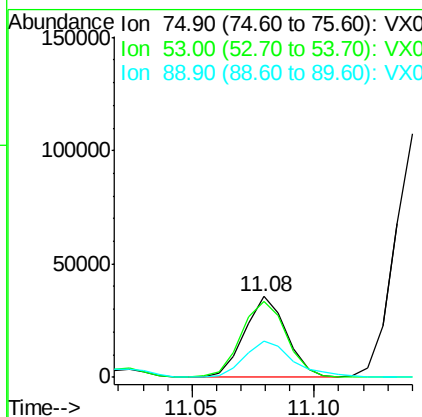
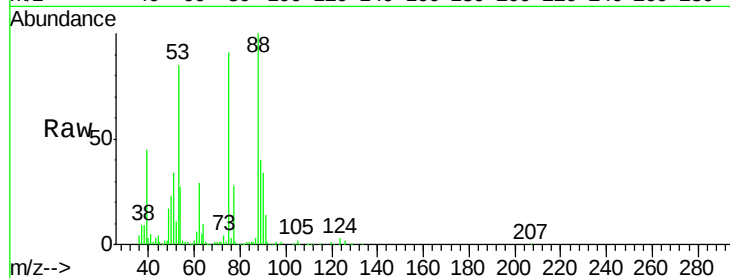
#81
trans-1,4-Dichloro-2-butene
Concen: 18.446 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX001970.D
Acq: 25 May 2018 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.5	78.0	117.0
89	52.8	39.4	59.2

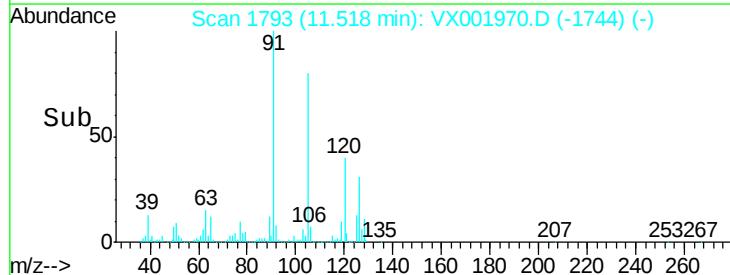
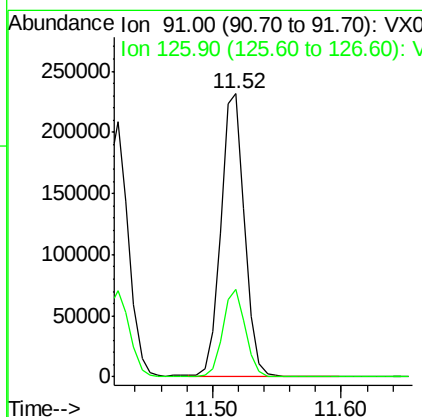
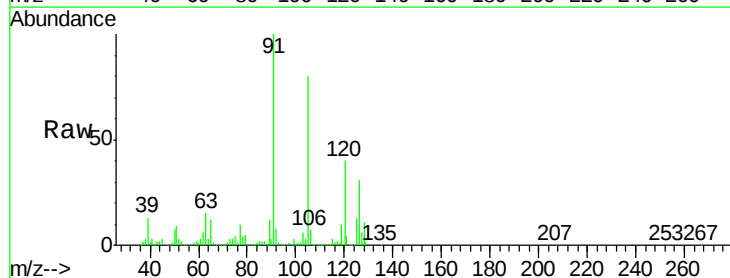
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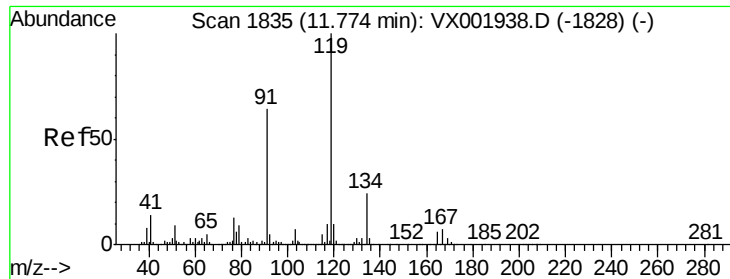
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#82
4-Chlorotoluene
Concen: 19.489 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX001970.D
Acq: 25 May 2018 12:10

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.6	15.3	45.8





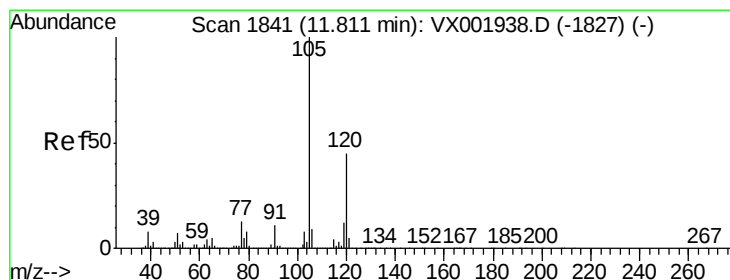
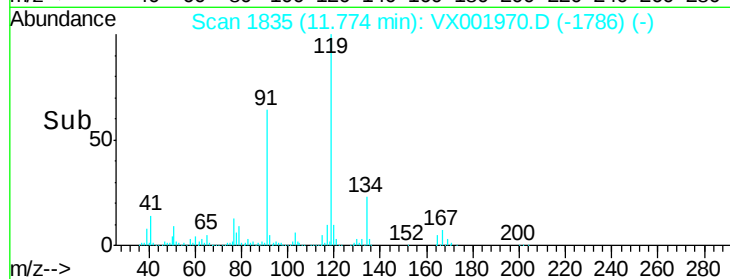
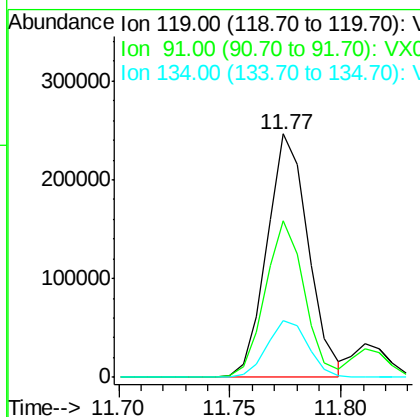
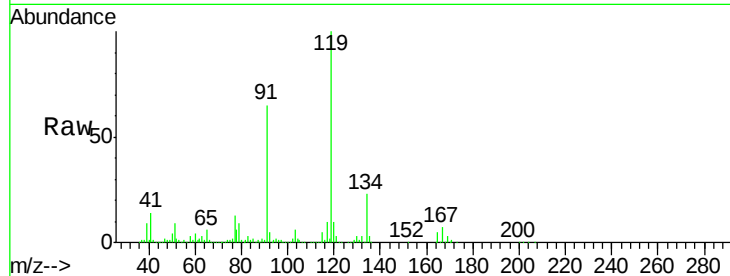
#83
tert-Butylbenzene
Concen: 19.419 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX001970.D
Acq: 25 May 2018 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	316813		
91	61.2	30.6	91.8	
134	23.4	11.7	35.0	

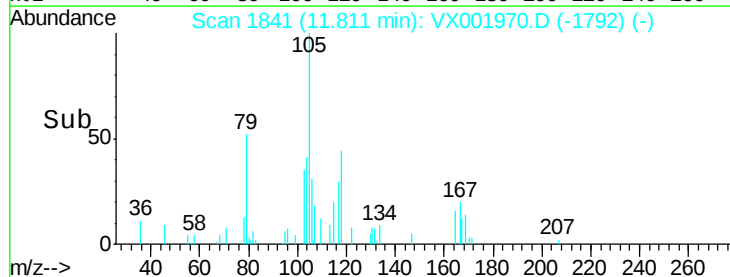
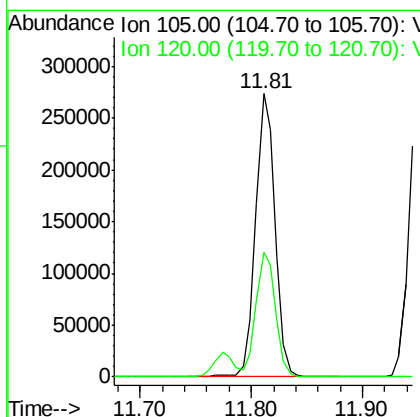
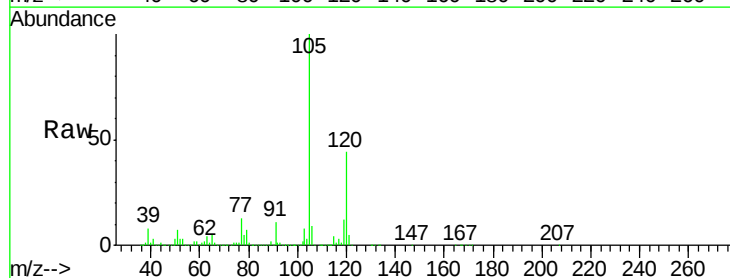
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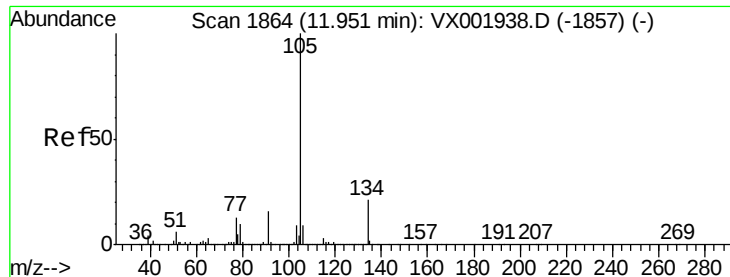
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#84
1,2,4-Trimethylbenzene
Concen: 19.364 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX001970.D
Acq: 25 May 2018 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	332690		
120	43.7	22.1	66.5	





#85

sec-Butylbenzene

Concen: 19.572 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001970.D

Acq: 25 May 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBS01

Tot Ion:105 Resp: 383831

Ion Ratio Lower Upper

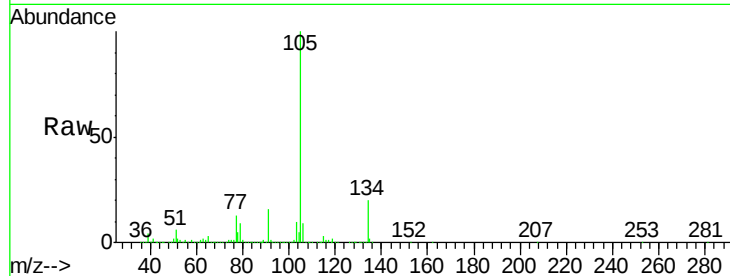
105 100

134 20.7 10.4 31.4

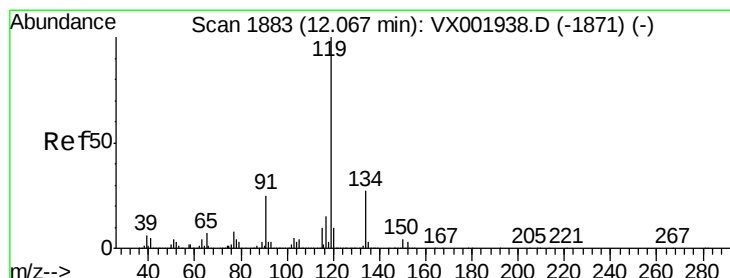
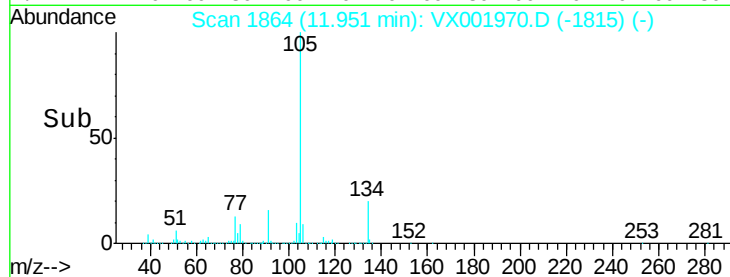
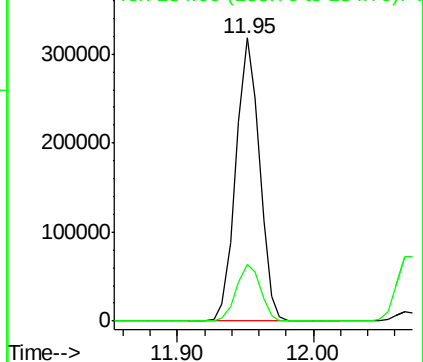
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Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.585 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX001970.D

Acq: 25 May 2018 12:10

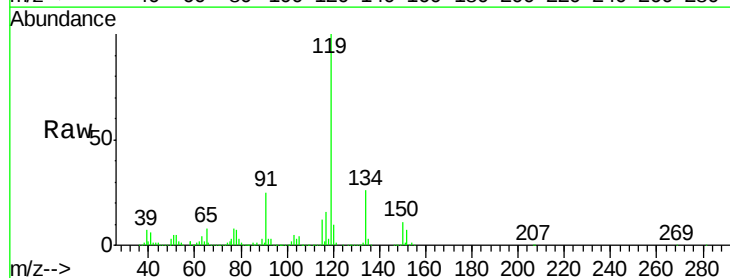
Tgt Ion:119 Resp: 343698

Ion Ratio Lower Upper

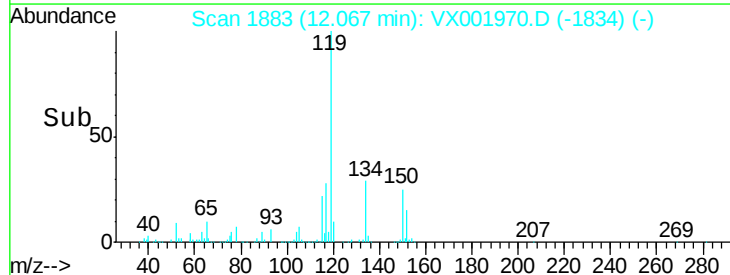
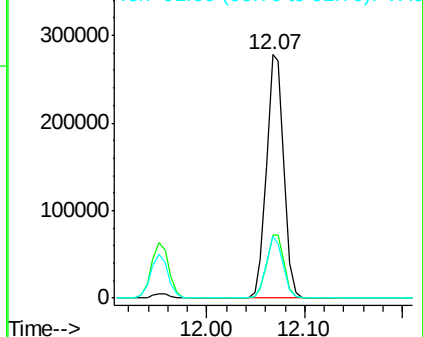
119 100

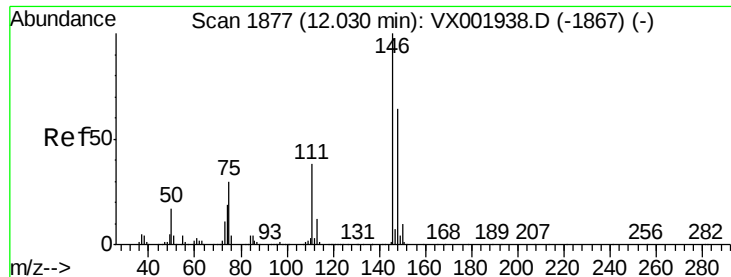
134 26.5 13.6 40.8

91 24.5 12.2 36.4



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V





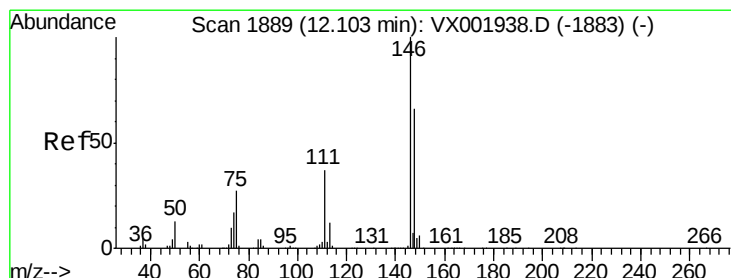
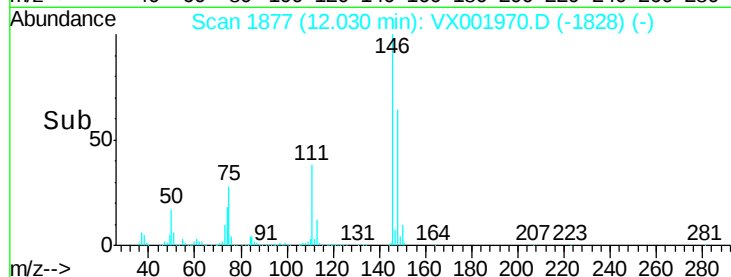
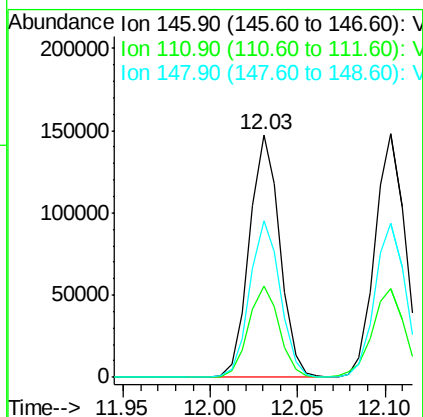
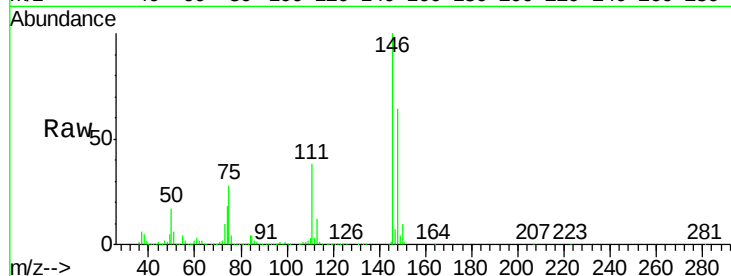
#87
 1,3-Dichlorobenzene
 Concen: 19.233 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001970.D
 Acq: 25 May 2018 12:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.3	57.8
148	64.9	32.1	96.3

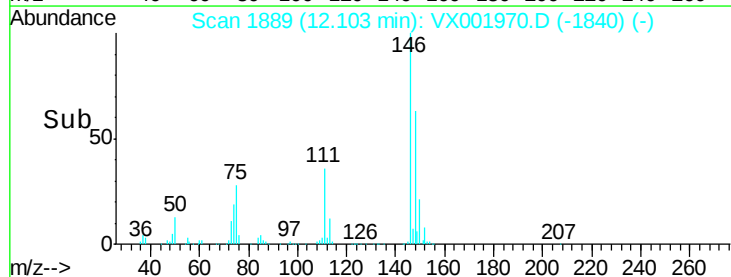
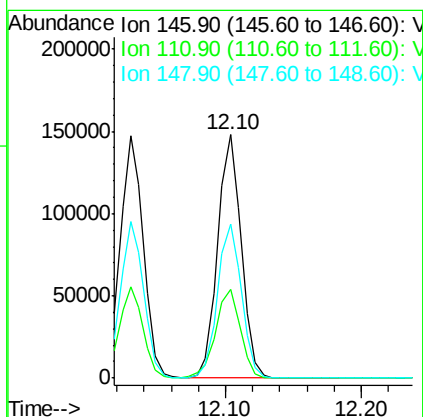
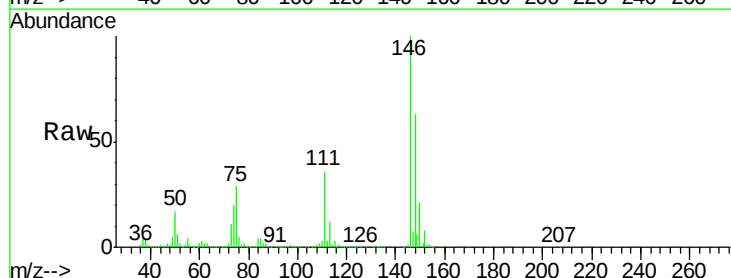
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#88
 1,4-Dichlorobenzene
 Concen: 19.216 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001970.D
 Acq: 25 May 2018 12:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.9	56.5
148	64.5	32.3	96.8





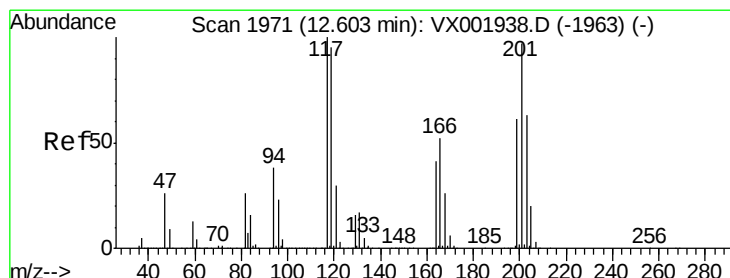
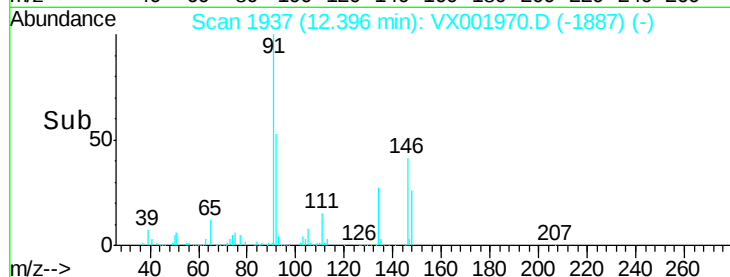
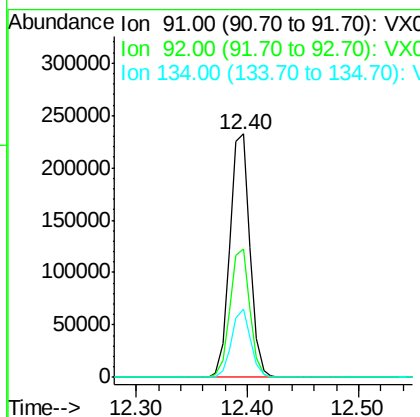
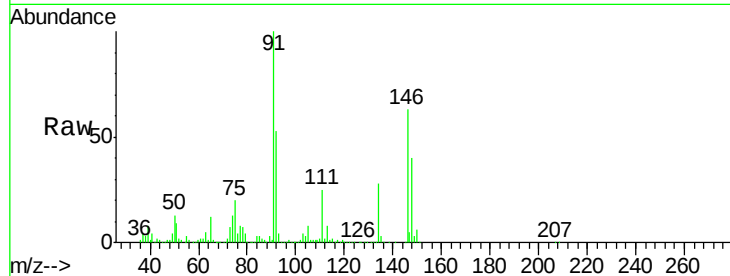
#89
n-Butylbenzene
Concen: 19.293 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.01 min
Lab File: VX001970.D
Acq: 25 May 2018 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	286894		
92	52.3	26.3	78.9	
134	26.9	13.6	40.7	

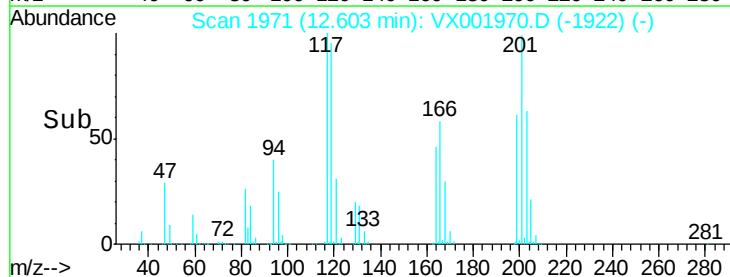
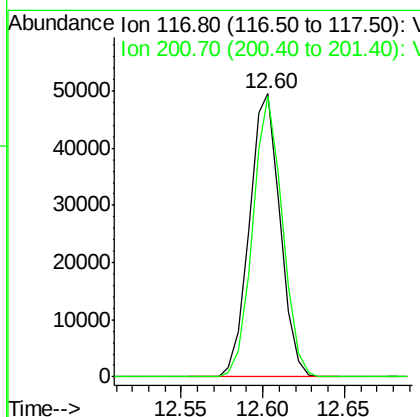
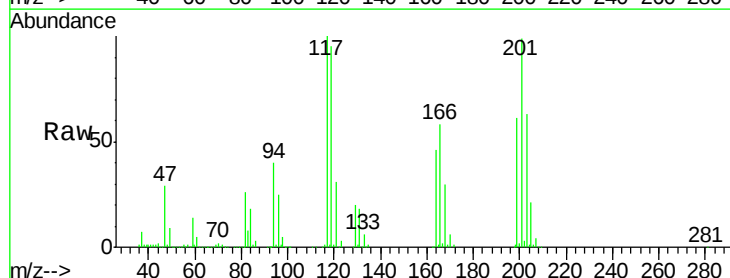
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#90
Hexachloroethane
Concen: 18.764 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001970.D
Acq: 25 May 2018 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	64954		
201	95.2	48.0	144.0	





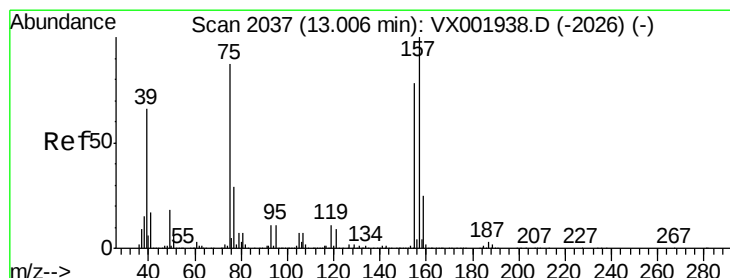
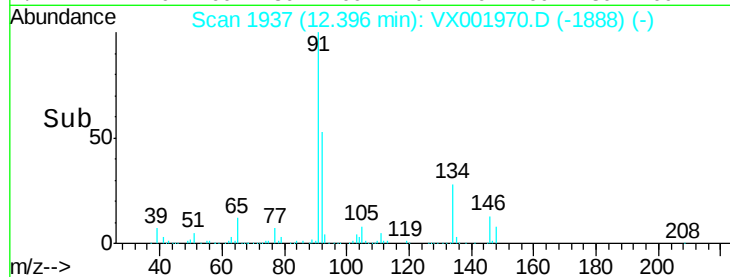
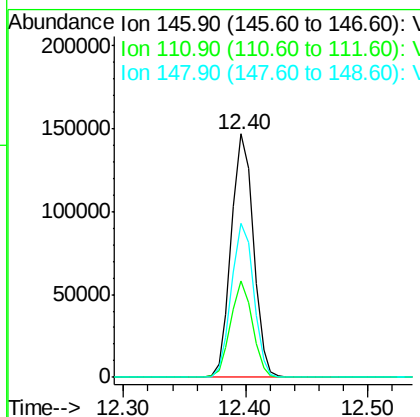
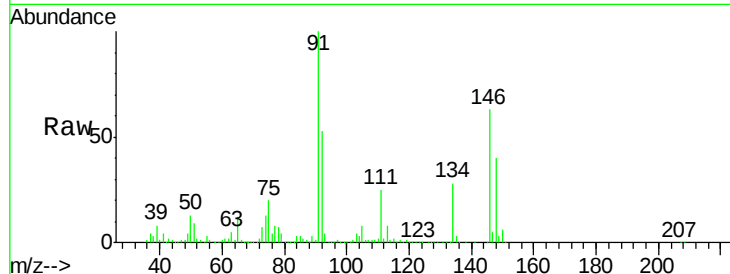
#91
 1,2-Dichlorobenzene
 Concen: 19.501 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001970.D
 Acq: 25 May 2018 12:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.8	59.3
148	63.6	32.1	96.5

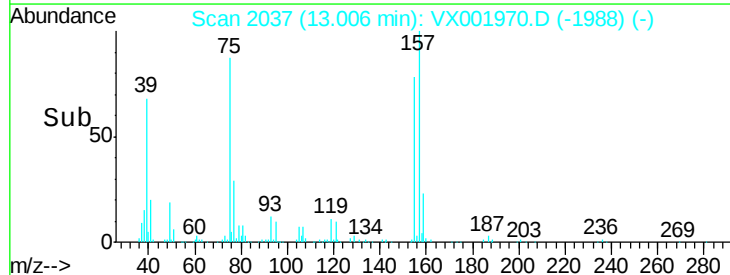
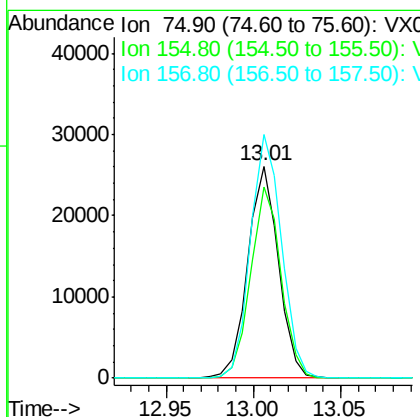
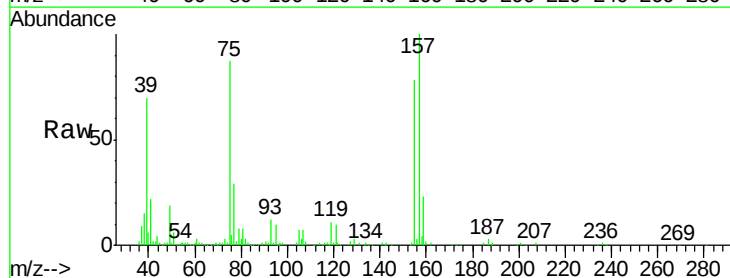
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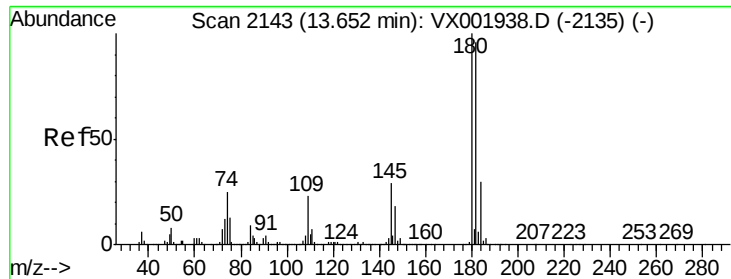
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.368 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001970.D
 Acq: 25 May 2018 12:10

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.2	45.1	135.2
157	116.8	58.1	174.2





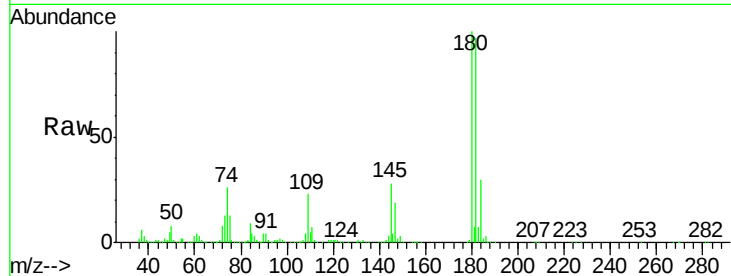
#93
 1,2,4-Trichlorobenzene
 Concen: 19.117 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001970.D
 Acq: 25 May 2018 12:10

Instrument :
 MSVOA_X
 ClientSampled :
 VX0525WBS01

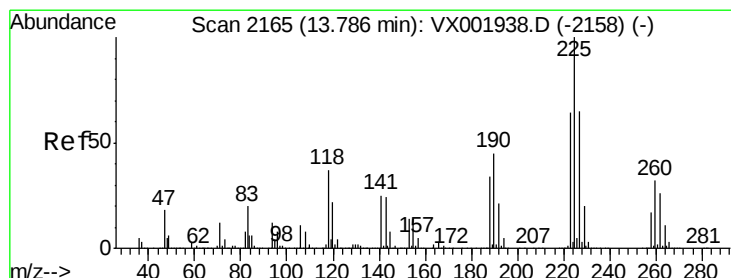
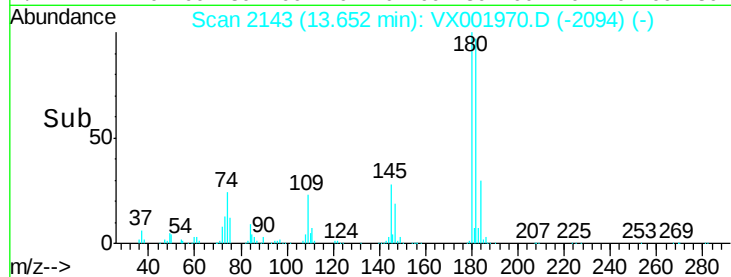
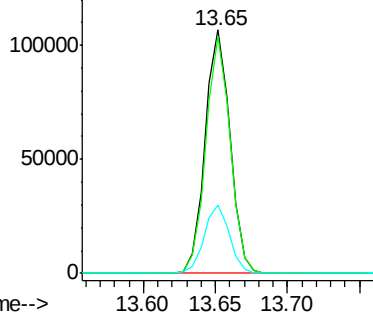
Tot Ion	Ratio	Resp	Lower	Upper
180	100	128749		
182	95.1	47.7	143.1	
145	28.2	14.4	43.0	

Manual Integrations
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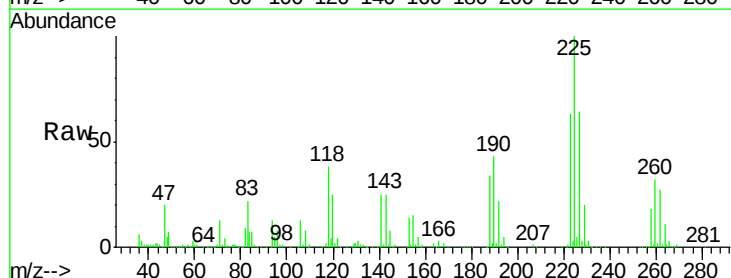


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

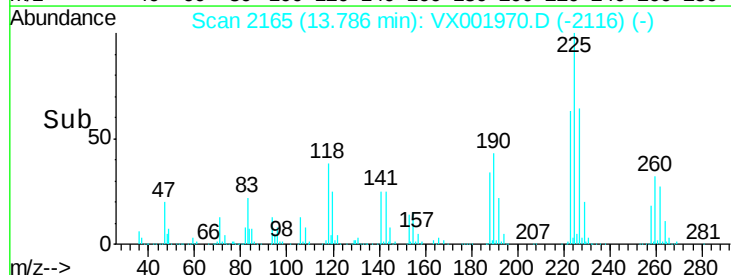
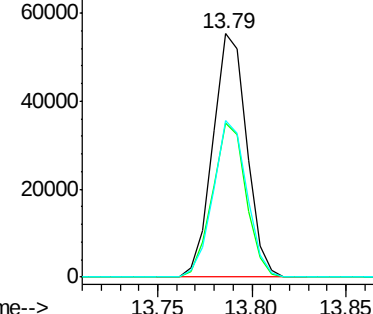


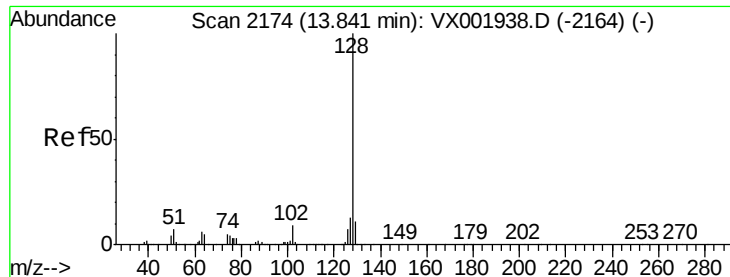
#94
 Hexachlorobutadiene
 Concen: 19.100 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001970.D
 Acq: 25 May 2018 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	69193		
223	62.1	31.1	93.5	
227	63.4	32.1	96.5	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.535 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001970.D

Acq: 25 May 2018 12:10

Instrument :

MSVOA_X

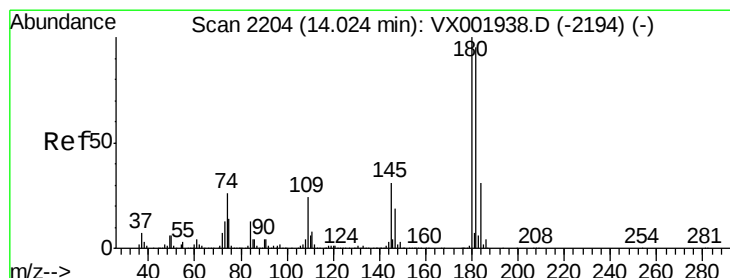
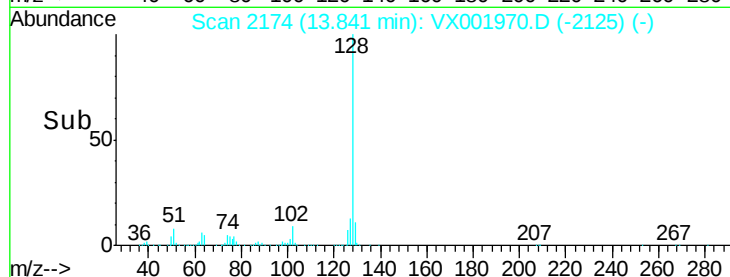
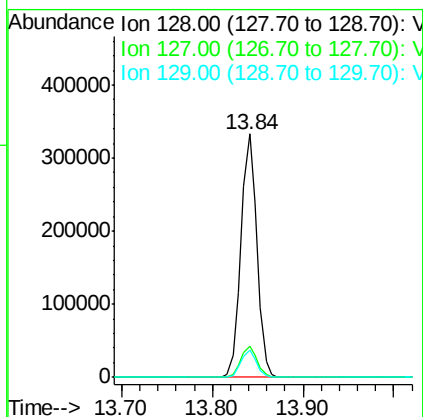
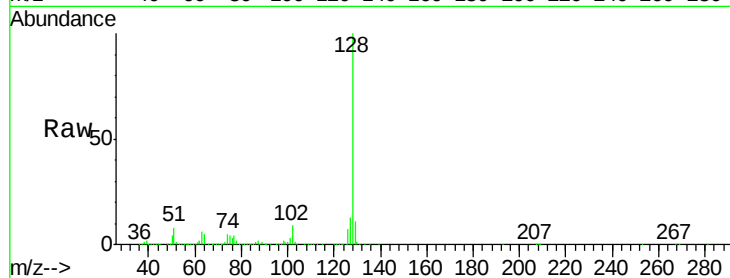
ClientSampled :

VX0525WBS01

Tot Ion:	128	Resp:	405324
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.4	15.6
129	11.0	8.8	13.2

Manual Integrations
APPROVED

apatel
6/4/2018 2:35:19 PM



#96

1,2,3-Trichlorobenzene

Concen: 19.273 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001970.D

Acq: 25 May 2018 12:10

Tgt Ion:	180	Resp:	134301
Ion Ratio	Lower	Upper	
180	100		
182	96.7	47.9	143.6
145	30.4	15.1	45.3

