

Data File : VX002020.D
Acq On : 26 May 2018 15:42
Operator : JC/MD
Sample : VX0526WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS02

Manual Integrations
APPROVED

MMDadoda
5/30/2018 1:50:10 PM

Quant Time: May 28 01:38:39 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	272120	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	378498	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	339955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	221843	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	221417	45.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.04%	
35) Dibromofluoromethane	5.51	113	173265	45.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.56%	
50) Toluene-d8	8.72	98	629017	45.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.80%	
62) 4-Bromofluorobenzene	11.14	95	236751	44.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.32%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	61908	16.83	ug/l	97
3) Chloromethane	1.32	50	75808	18.11	ug/l	100
4) Vinyl Chloride	1.40	62	77059	19.06	ug/l	97
5) Bromomethane	1.64	94	40469	21.19	ug/l	99
6) Chloroethane	1.72	64	48137	20.20	ug/l	100
7) Trichlorofluoromethane	1.93	101	123013	20.26	ug/l	100
8) Diethyl Ether	2.19	74	46242	20.99	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	69548	20.53	ug/l	98
10) Methyl Iodide	2.51	142	66343	14.47	ug/l	99
11) Tert butyl alcohol	3.09	59	107867	112.97	ug/l	99
12) 1,1-Dichloroethene	2.37	96	61963	19.54	ug/l	95
13) Acrolein	2.30	56	33669	81.56	ug/l	99
14) Allyl chloride	2.73	41	138777	20.84	ug/l	99
15) Acrylonitrile	3.15	53	210566	107.24	ug/l	99
16) Acetone	2.45	43	232164	123.67	ug/l	100
17) Carbon Disulfide	2.57	76	170551	18.68	ug/l	99
18) Methyl Acetate	2.78	43	107826	23.24	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	253294	21.23	ug/l	100
20) Methylene Chloride	2.86	84	71919	21.17	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	65844	20.39	ug/l	97
22) Diisopropyl ether	3.88	45	255845	18.89	ug/l	98
23) Vinyl Acetate	3.83	43	1148618	102.30	ug/l	99
24) 1,1-Dichloroethane	3.70	63	135527	21.07	ug/l	100
25) 2-Butanone	4.72	43	338189	98.29	ug/l	99
26) 2,2-Dichloropropane	4.59	77	115660	17.76	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	76064	18.39	ug/l	89
28) Bromochloromethane	5.03	49	58264	20.34	ug/l	99
29) Tetrahydrofuran	5.17	42	213015	95.16	ug/l	100
30) Chloroform	5.23	83	131003	18.08	ug/l	96
31) Cyclohexane	5.58	56	116156	17.33	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	121669	18.01	ug/l	99
36) 1,1-Dichloropropene	5.81	75	93141	17.69	ug/l	98
37) Ethyl Acetate	4.88	43	127630	18.59	ug/l	99
38) Carbon Tetrachloride	5.79	117	106803	17.40	ug/l	99

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Instrument :

MSVOA_X

ClientSampleId :

VX0526WBS02

Manual Integrations

APPROVED

MMDadoda

5/30/2018 1:50:10 PM

Quant Time: May 28 01:38:39 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	113407	17.53	ug/l	98
40) Benzene	6.15	78	286867	18.60	ug/l	100
41) Methacrylonitrile	5.07	41	70058	18.48	ug/l	98
42) 1,2-Dichloroethane	6.21	62	111284	18.06	ug/l	99
43) Isopropyl Acetate	6.48	43	214620	18.77	ug/l	100
44) Trichloroethene	7.22	130	81317	18.09	ug/l	99
45) 1,2-Dichloropropane	7.52	63	77821	18.58	ug/l	99
46) Dibromomethane	7.67	93	52086	18.78	ug/l	98
47) Bromodichloromethane	7.91	83	102039	17.26	ug/l	100
48) Methyl methacrylate	7.79	41	106321	18.27	ug/l	98
49) 1,4-Dioxane	7.76	88	40269	392.60	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	675186	97.94	ug/l	99
52) Toluene	8.79	92	179539	18.29	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	122355	17.97	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	117720	17.74	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	75158	18.33	ug/l	99
56) Ethyl methacrylate	9.19	69	127920	18.14	ug/l	99
57) 1,3-Dichloropropane	9.38	76	125880	18.63	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	311519	99.65	ug/l	99
59) 2-Hexanone	9.51	43	531242	99.94	ug/l	98
60) Dibromochloromethane	9.59	129	84021	17.30	ug/l	99
61) 1,2-Dibromoethane	9.68	107	79287	18.43	ug/l	100
64) Tetrachloroethene	9.34	164	90655	18.60	ug/l	98
65) Chlorobenzene	10.15	112	200856	18.65	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	79568	18.29	ug/l	100
67) Ethyl Benzene	10.26	91	352462	18.83	ug/l	99
68) m/p-Xylenes	10.37	106	267019	37.33	ug/l	99
69) o-Xylene	10.70	106	135016	18.90	ug/l	99
70) Styrene	10.72	104	219877	18.56	ug/l	100
71) Bromoform	10.87	173	69426	16.83	ug/l #	99
73) Isopropylbenzene	11.02	105	361990	19.27	ug/l	99
74) N-amyl acetate	6.48	43	214620	20.14	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	109642	20.59	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	116250m	21.82	ug/l	
77) Bromobenzene	11.26	156	94796	19.02	ug/l	98
78) n-propylbenzene	11.37	91	399095	18.97	ug/l	99
79) 2-Chlorotoluene	11.43	91	243427	19.69	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	303094	18.88	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	36628	16.52	ug/l	96
82) 4-Chlorotoluene	11.52	91	276963	18.66	ug/l	100
83) tert-Butylbenzene	11.77	119	293315	18.62	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	310400	18.71	ug/l	99
85) sec-Butylbenzene	11.95	105	358676	18.94	ug/l	99
86) p-Isopropyltoluene	12.07	119	319827	18.87	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	166380	18.64	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	168200	18.85	ug/l	99
89) n-Butylbenzene	12.40	91	268299	18.68	ug/l	99
90) Hexachloroethane	12.60	117	56858	17.01	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	171920	18.90	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	30029	17.98	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052618\
Quantitation Report (QT Reviewed)

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Operator : JC/MD
Sample : VX0526WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS02

Manual Integrations
APPROVED

MMDadoda
5/30/2018 1:50:10 PM

Quant Time: May 28 01:38:39 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)
93) 1,2,4-Trichlorobenzene	13.65	180	118904	18.28	ug/l	99
94) Hexachlorobutadiene	13.79	225	63864	18.26	ug/l	99
95) Naphthalene	13.84	128	390601	19.49	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	126630	18.82	ug/l	99

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

Data File : VX002020.D

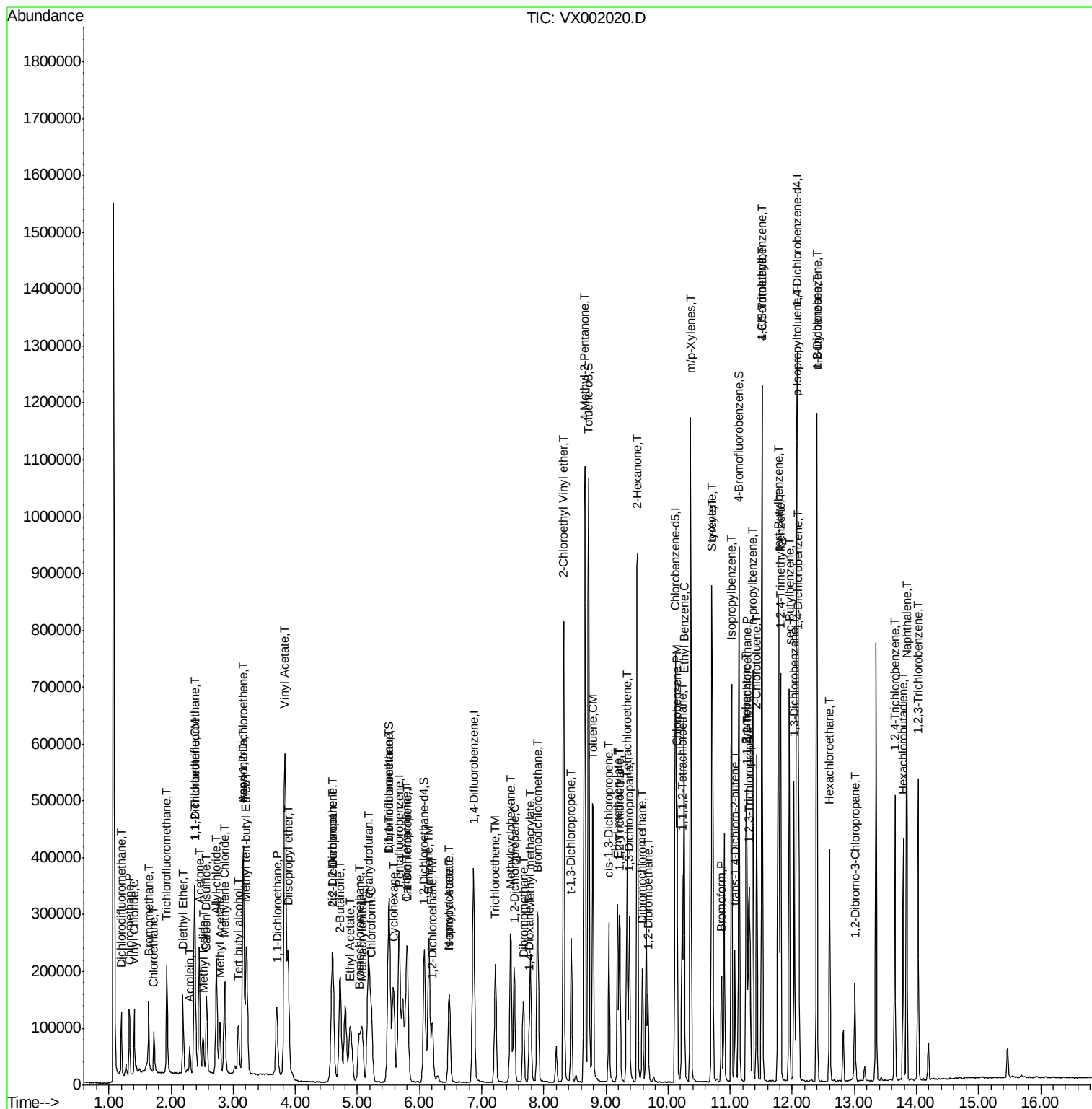
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Acq On       : 26 May 2018   15:42
Operator    : JC/MD
Sample      : VX0526WS02
Misc       : 5.0mL/MSV0A_X/WATER
ALS Vial    : 7      Sample Multiplier: 1
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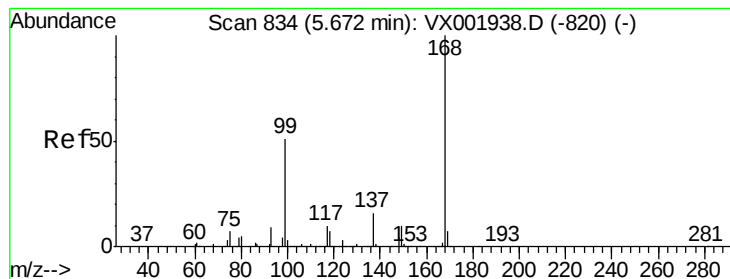
Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS02

Manual Integrations
APPROVED

MMDadoda
5/30/2018 1:50:10 PM

Quant Time: May 28 01:38:39 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: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002020.D

Acq: 26 May 2018 15:42

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBS02

Tgt Ion: 168 Resp: 272120

Ion Ratio Lower Upper

168 100

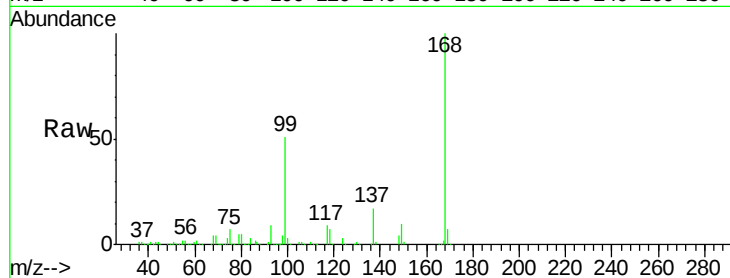
99 51.3 41.0 61.4

Manual Integrations

APPROVED

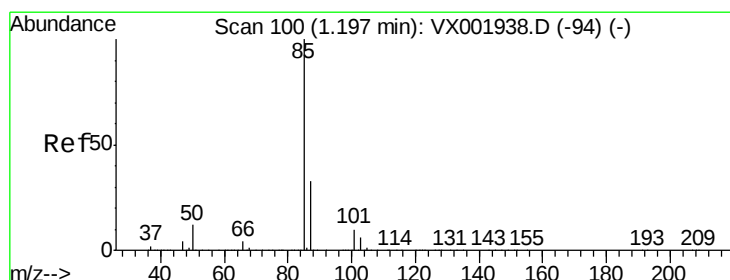
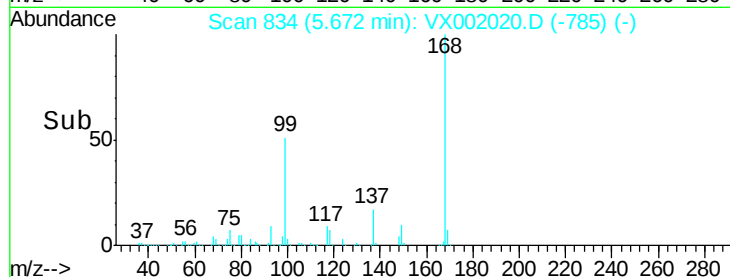
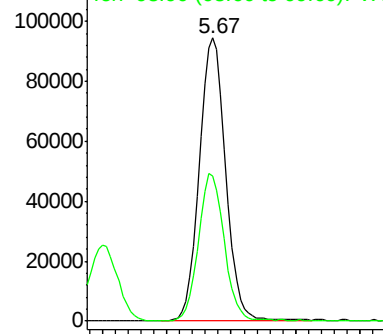
MMDadoda

5/30/2018 1:50:10 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 16.83 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002020.D

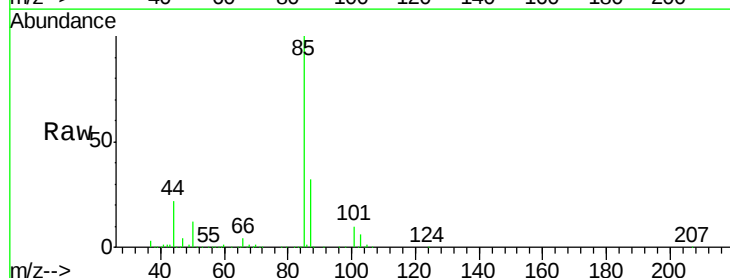
Acq: 26 May 2018 15:42

Tgt Ion: 85 Resp: 61908

Ion Ratio Lower Upper

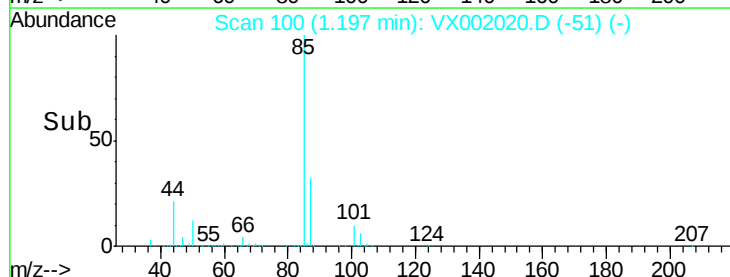
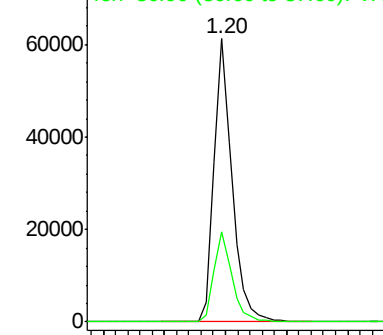
85 100

87 31.7 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.11 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002020.D

Acq: 26 May 2018 15:42

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBS02

Tgt Ion: 50 Resp: 75808

Ion Ratio Lower Upper

50 100

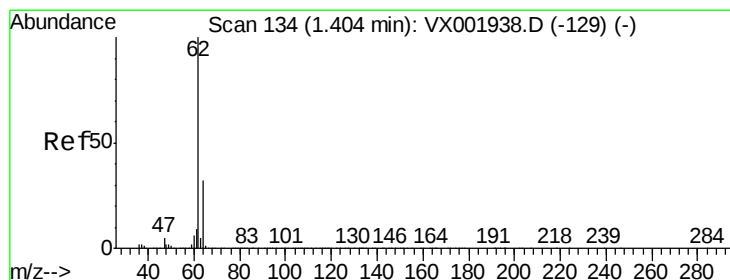
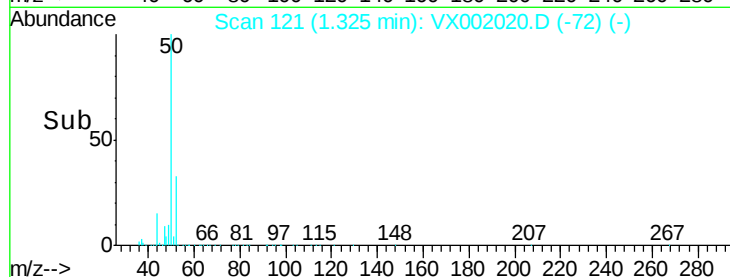
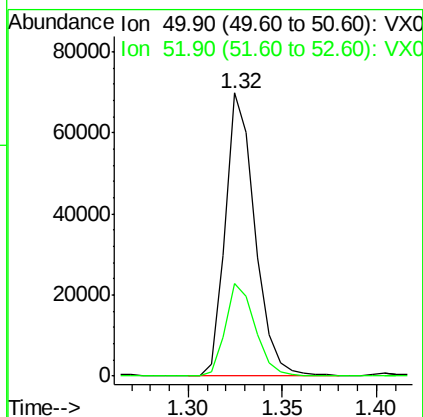
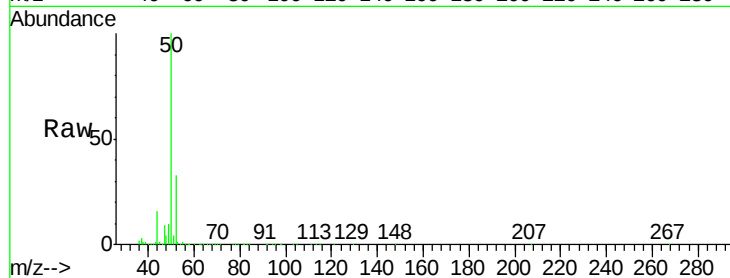
52 32.7 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.06 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002020.D

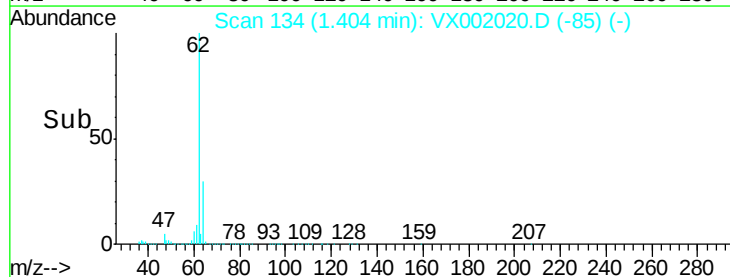
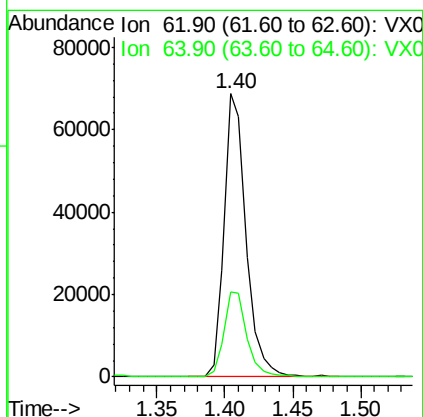
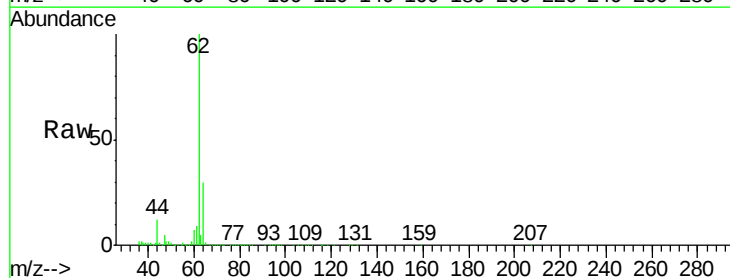
Acq: 26 May 2018 15:42

Tgt Ion: 62 Resp: 77059

Ion Ratio Lower Upper

62 100

64 30.1 25.4 38.0





#5

Bromomethane

Concen: 21.19 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002020.D

Acq: 26 May 2018 15:42

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBS02

Tgt Ion: 94 Resp: 40469

Ion Ratio Lower Upper

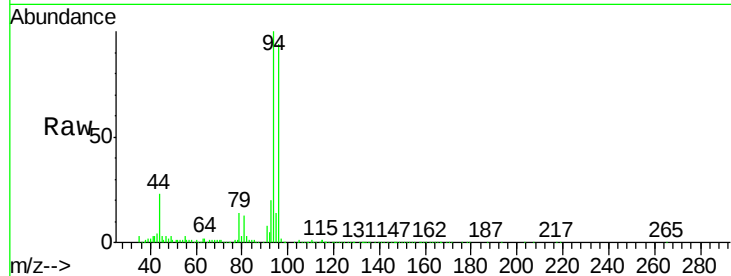
94 100

96 94.0 75.9 113.9

Manual Integrations
APPROVED

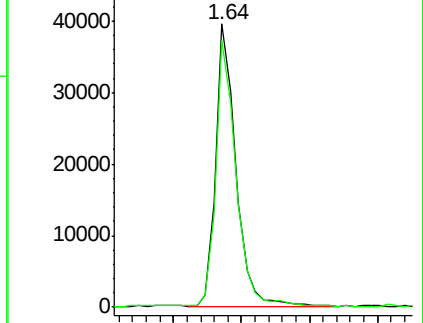
MMDadoda

5/30/2018 1:50:10 PM

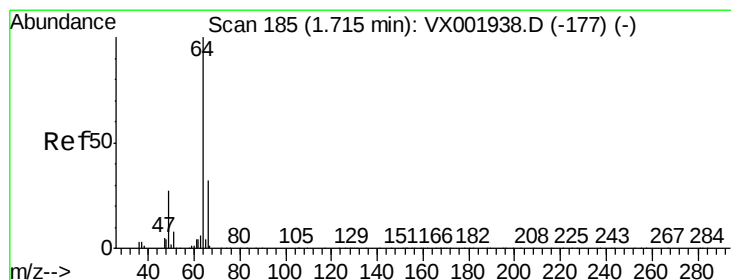
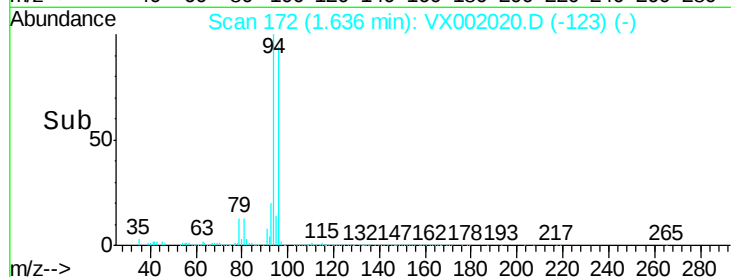


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: 20.20 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX002020.D

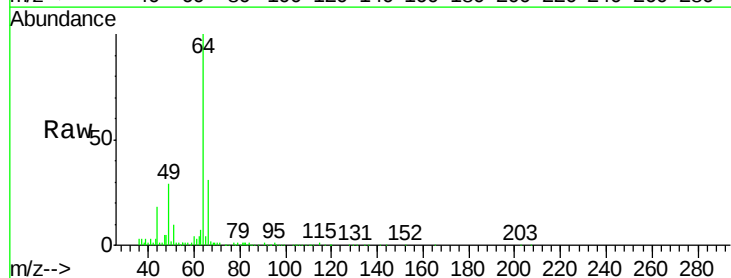
Acq: 26 May 2018 15:42

Tgt Ion: 64 Resp: 48137

Ion Ratio Lower Upper

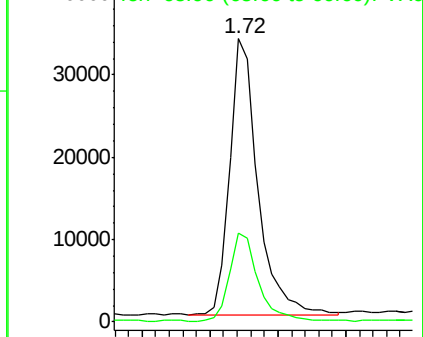
64 100

66 32.0 25.6 38.4

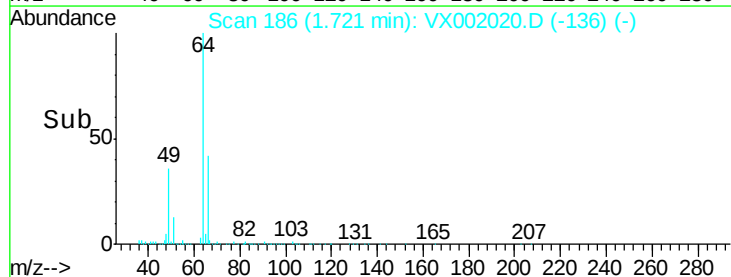


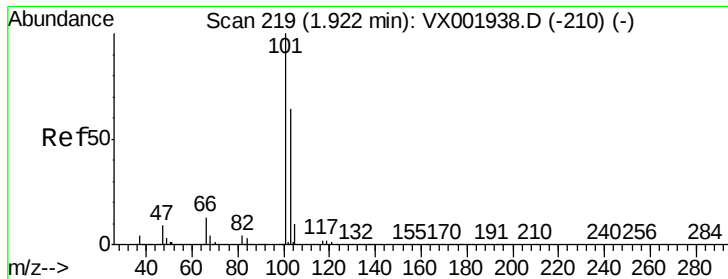
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->





#7

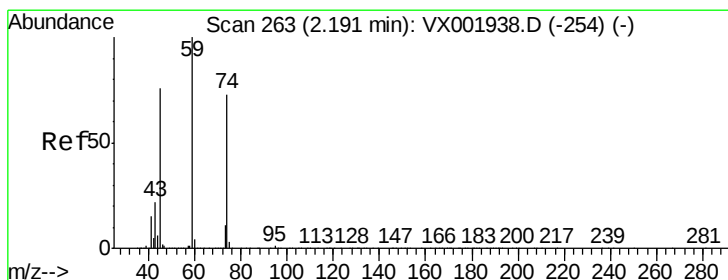
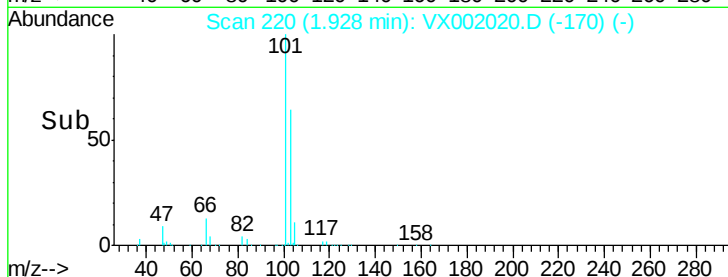
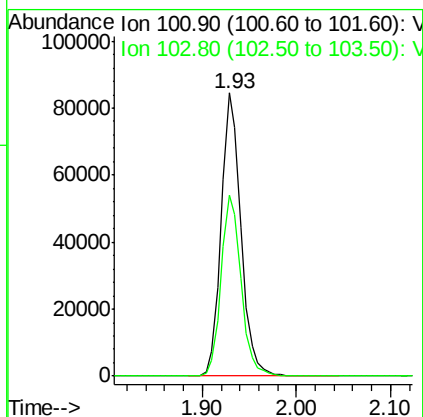
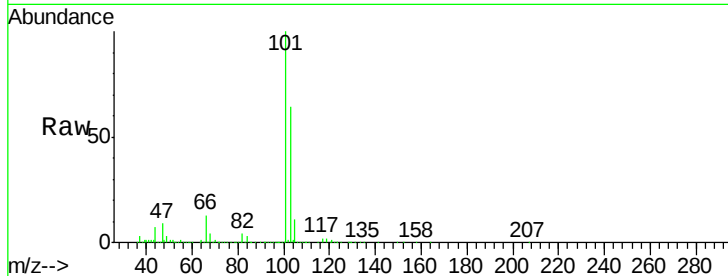
Trichlorofluoromethane
 Concen: 20.26 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX002020.D
 Acq: 26 May 2018 15:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0526WBS02

Tgt Ion	Ratio	Lower	Upper
101	100		
103	63.9	51.4	77.0

Manual Integrations
 APPROVED

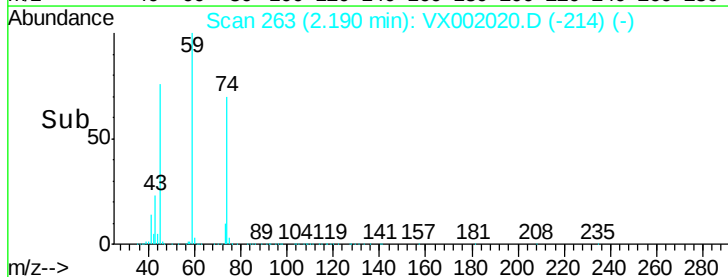
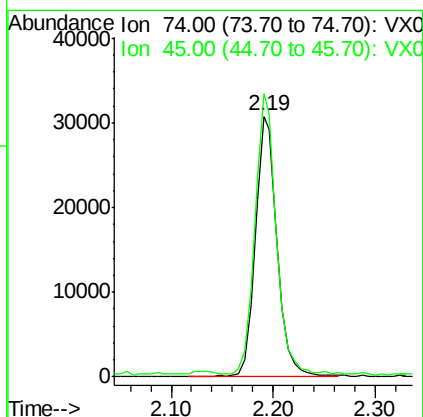
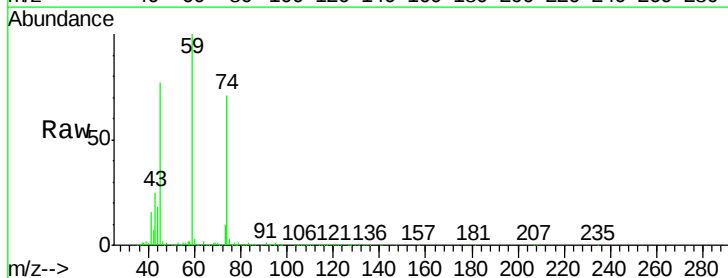
MMDadoda
 5/30/2018 1:50:10 PM



#8

Diethyl Ether
 Concen: 20.99 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX002020.D
 Acq: 26 May 2018 15:42

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.3	51.5	154.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.53 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX002020.D

Acq: 26 May 2018 15:42

Instrument :

MSVOA_X

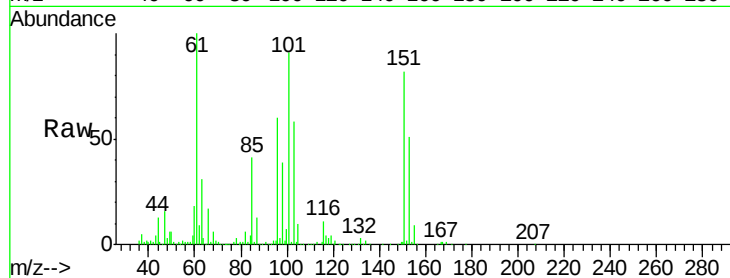
ClientSampleId :

VX0526WBS02

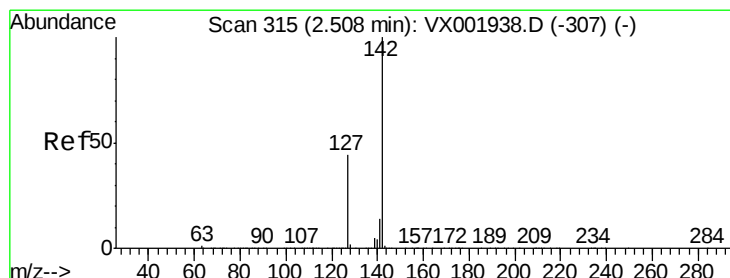
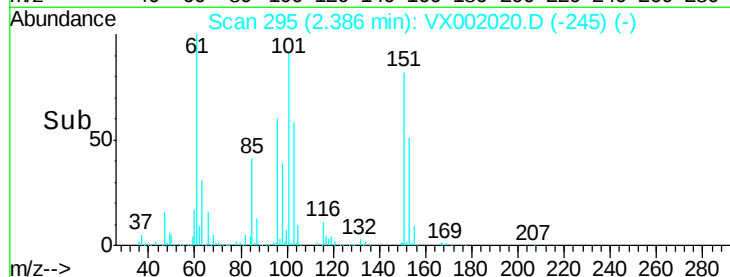
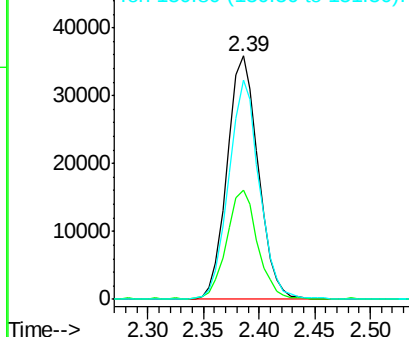
Tgt Ion:	101	Resp:	69548
Ion Ratio	Lower	Upper	
101	100		
85	43.7	35.6	53.4
151	89.0	73.2	109.8

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 14.47 ug/l

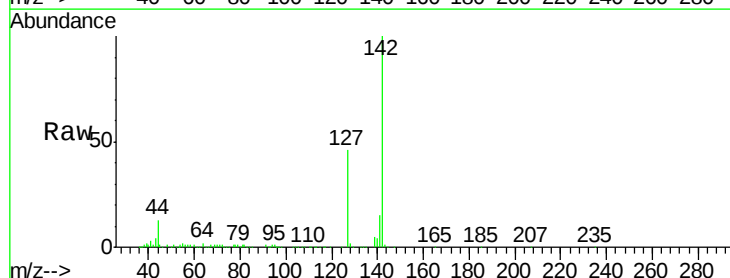
RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

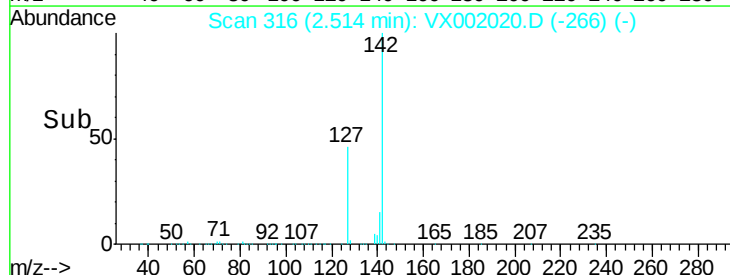
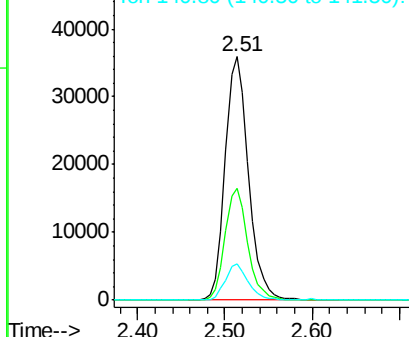
Lab File: VX002020.D

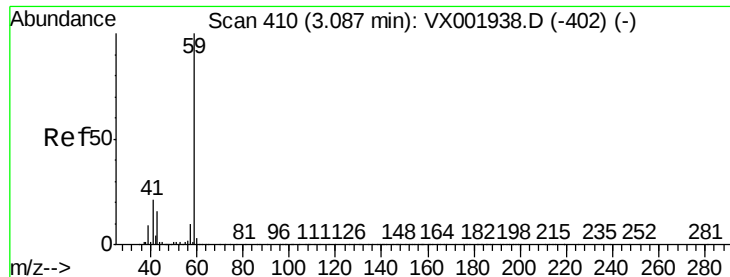
Acq: 26 May 2018 15:42

Tgt Ion:	142	Resp:	66343
Ion Ratio	Lower	Upper	
142	100		
127	45.0	35.5	53.3
141	14.7	11.3	16.9



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





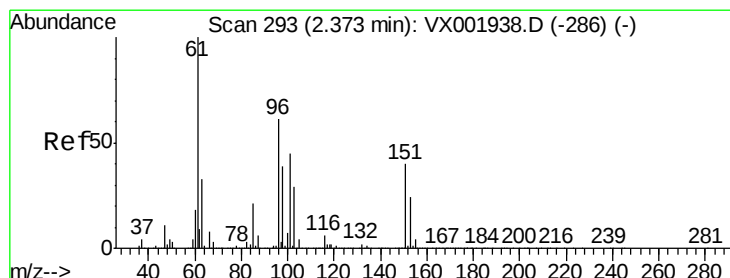
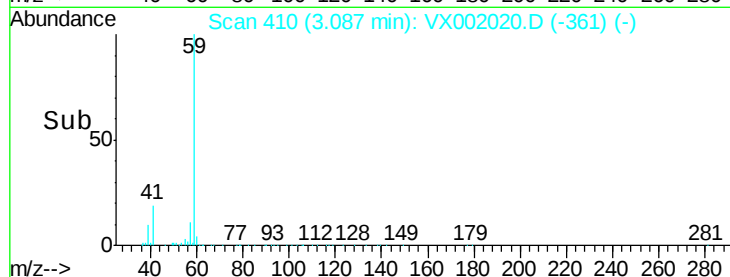
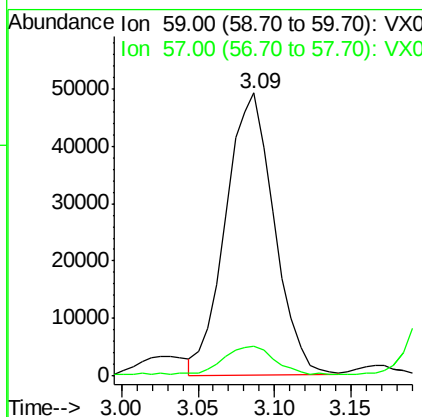
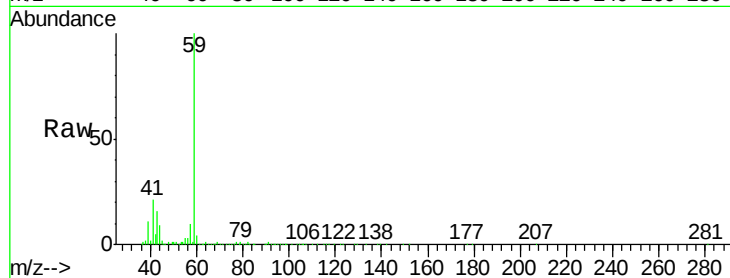
#11
Tert butyl alcohol
Concen: 112.97 ug/l
RT: 3.09 min Scan# 410
Delta R.T. -0.00 min
Lab File: VX002020.D
Acq: 26 May 2018 15:42

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS02

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.9	13.3

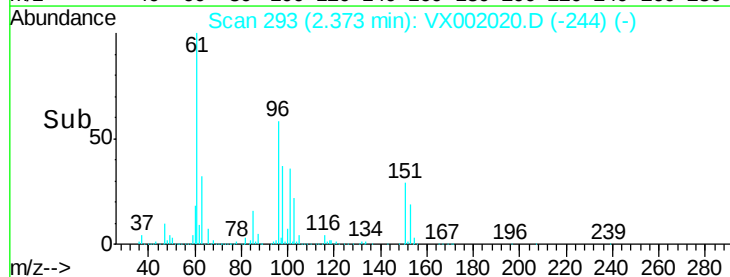
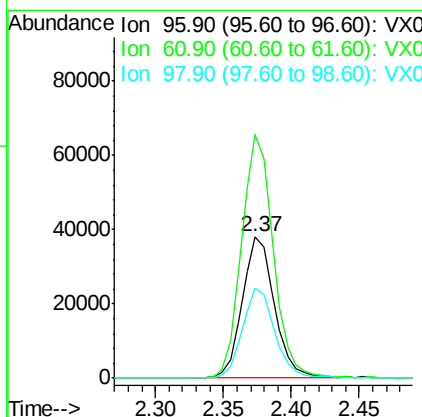
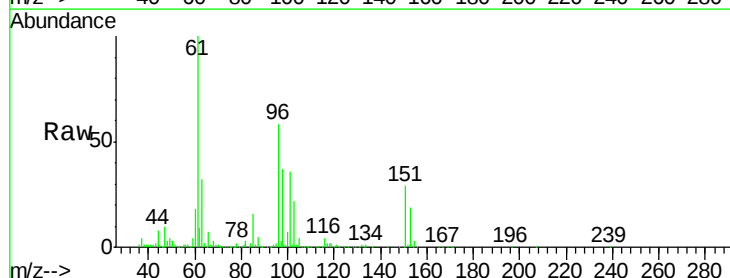
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#12
1,1-Dichloroethene
Concen: 19.54 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002020.D
Acq: 26 May 2018 15:42

Tgt Ion	Ratio	Lower	Upper
96	100		
61	173.1	131.7	197.5
98	63.8	51.6	77.4





#13

Acrolein

Concen: 81.56 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX002020.D

Acq: 26 May 2018 15:42

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBS02

Tgt Ion: 56 Resp: 33669

Ion Ratio Lower Upper

56 100

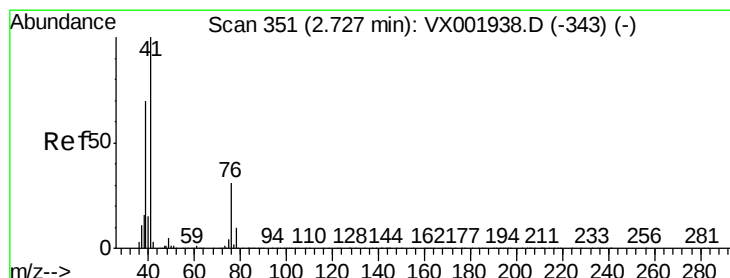
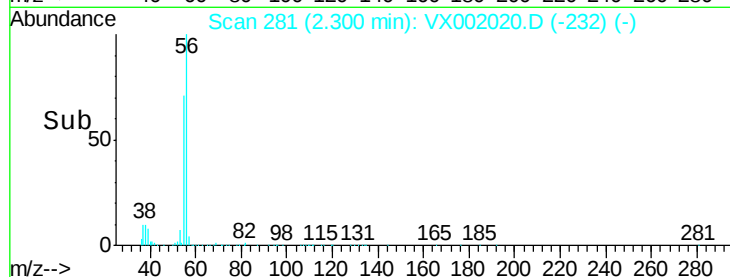
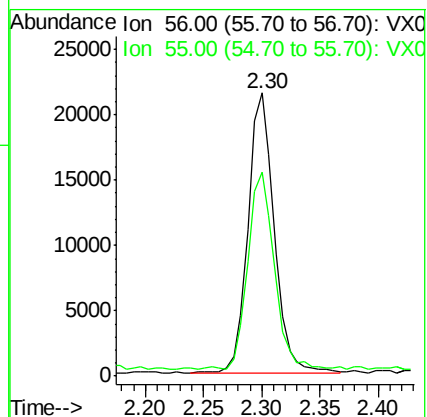
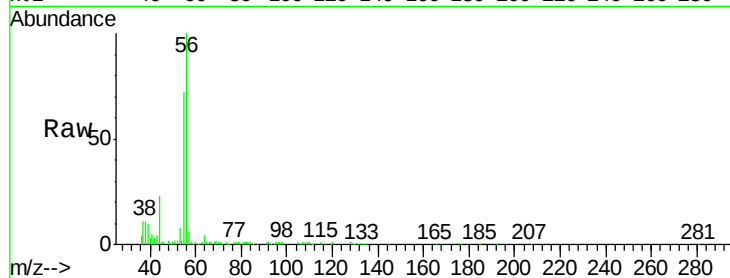
55 72.2 56.8 85.2

Manual Integrations

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#14

Allyl chloride

Concen: 20.84 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX002020.D

Acq: 26 May 2018 15:42

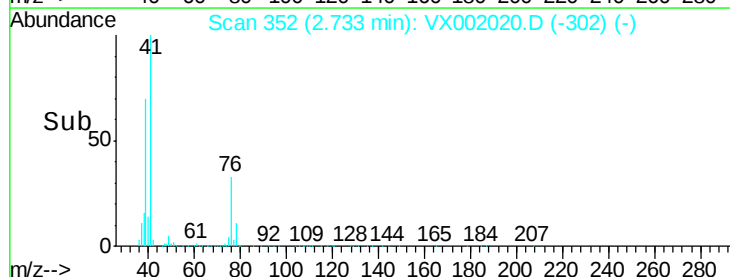
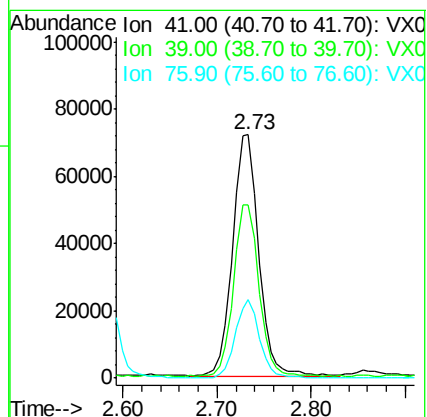
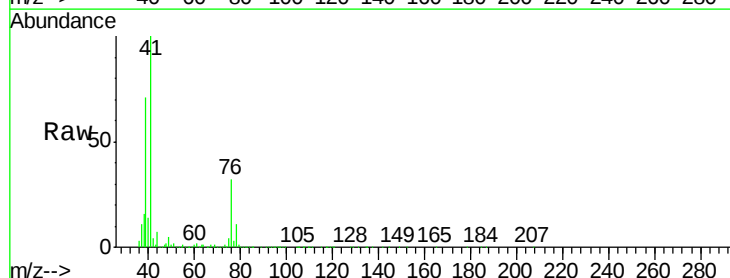
Tgt Ion: 41 Resp: 138777

Ion Ratio Lower Upper

41 100

39 68.6 54.3 81.5

76 30.3 24.2 36.4





#15

Acrylonitrile

Concen: 107.24 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002020.D

Acq: 26 May 2018 15:42

Instrument :

MSVOA_X

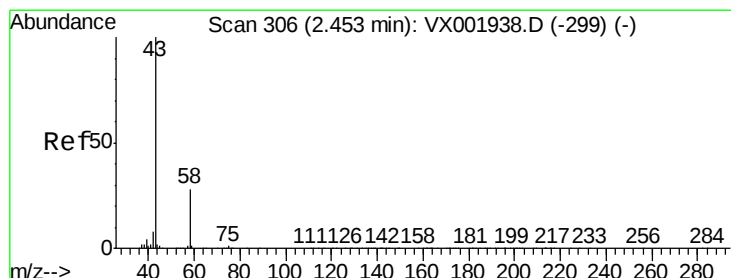
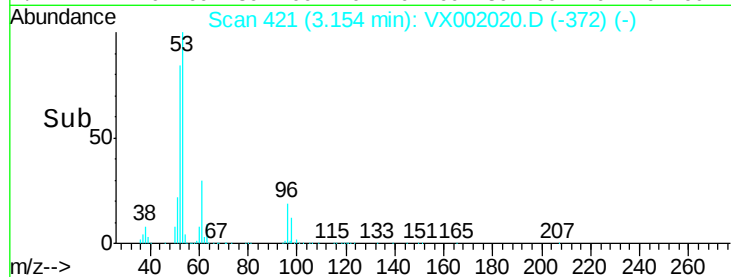
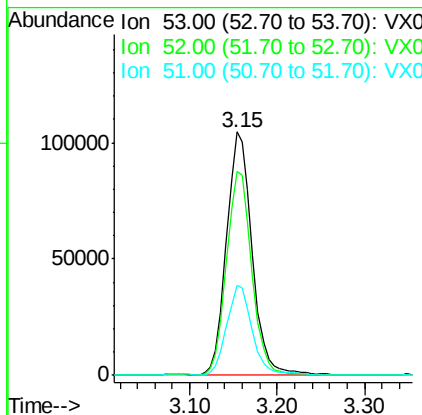
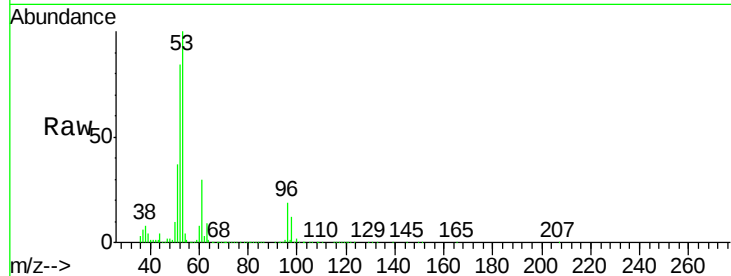
ClientSampleId :

VX0526WBS02

Tgt Ion:	53	Resp:	210566
Ion	Ratio	Lower	Upper
53	100		
52	83.8	66.4	99.6
51	37.0	29.3	43.9

Manual Integrations
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#16

Acetone

Concen: 123.67 ug/l

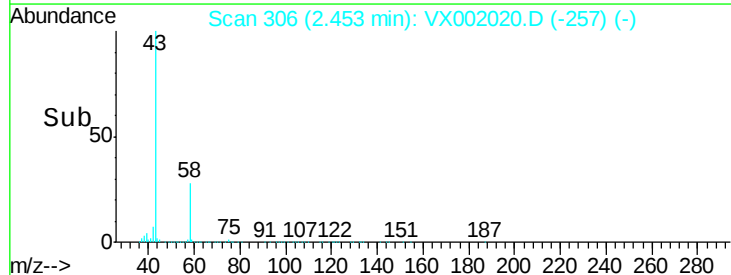
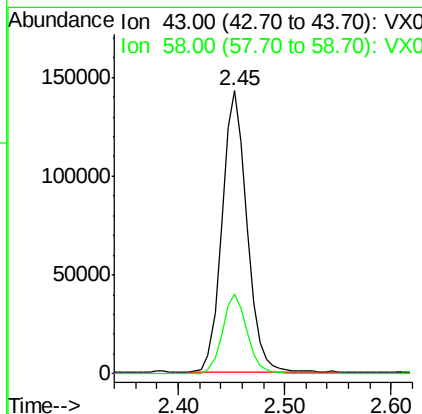
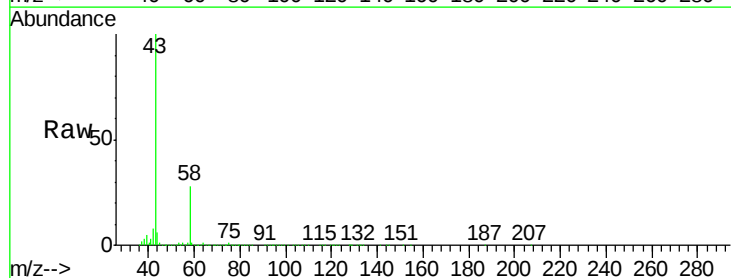
RT: 2.45 min Scan# 306

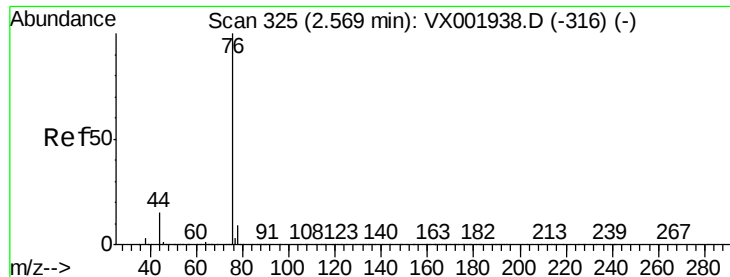
Delta R.T. -0.00 min

Lab File: VX002020.D

Acq: 26 May 2018 15:42

Tgt Ion:	43	Resp:	232164
Ion	Ratio	Lower	Upper
43	100		
58	28.1	22.3	33.5





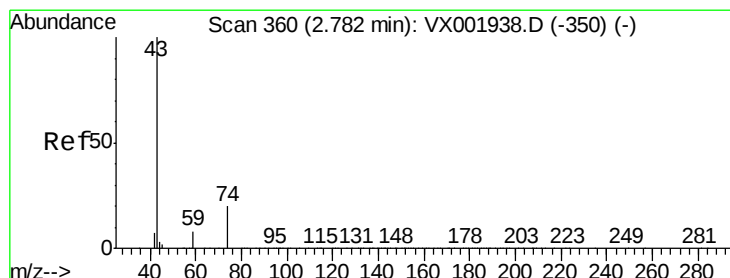
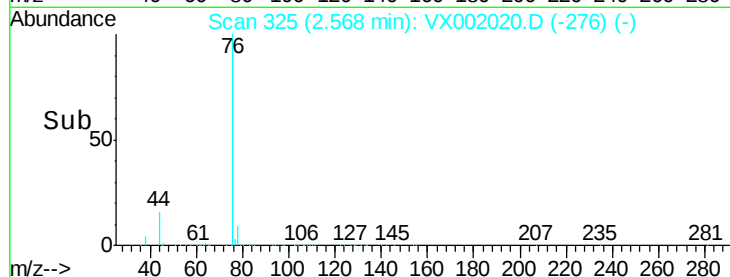
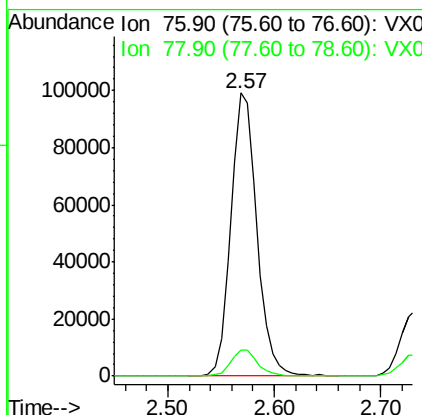
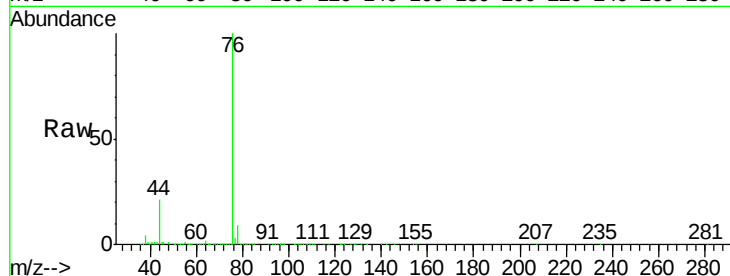
#17
Carbon Disulfide
Concen: 18.68 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002020.D
Acq: 26 May 2018 15:42

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS02

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.4	11.2

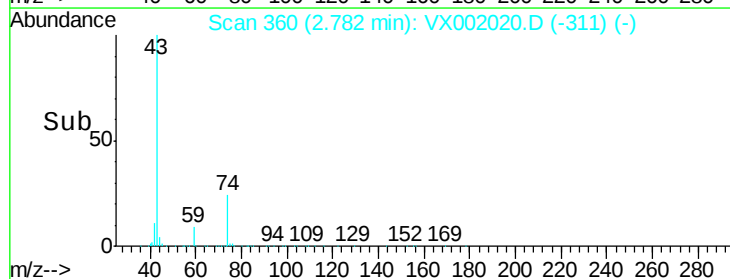
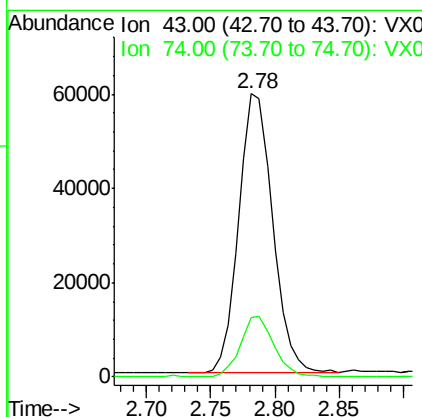
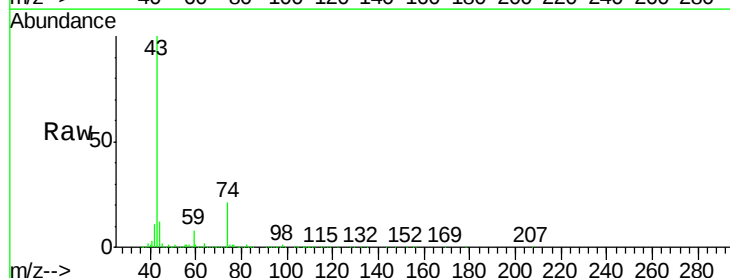
Manual Integrations
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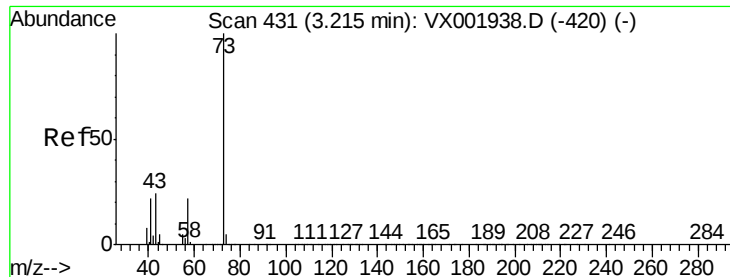
MMDadoda
5/30/2018 1:50:10 PM



#18
Methyl Acetate
Concen: 23.24 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002020.D
Acq: 26 May 2018 15:42

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.1	16.8	25.2





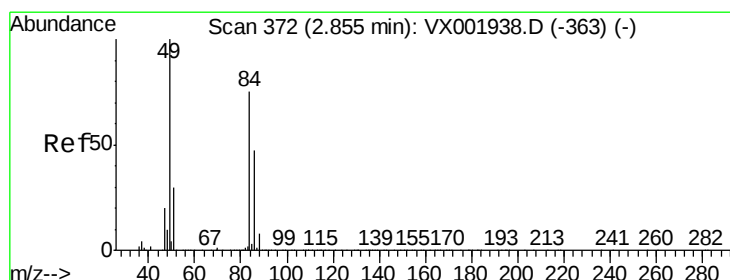
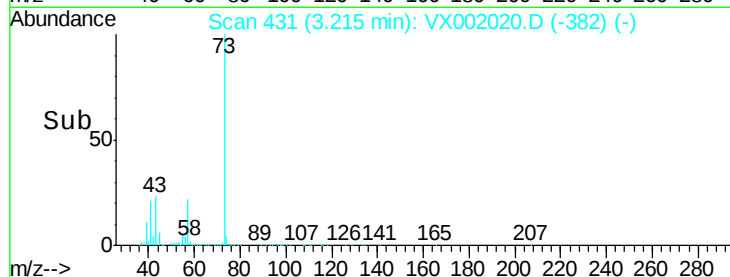
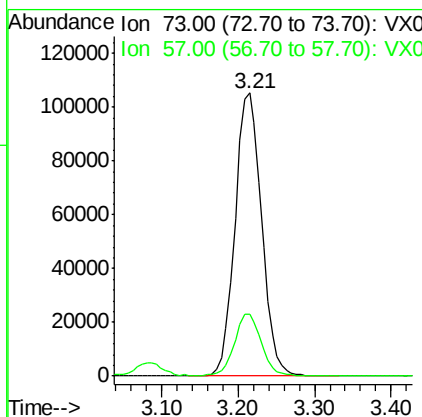
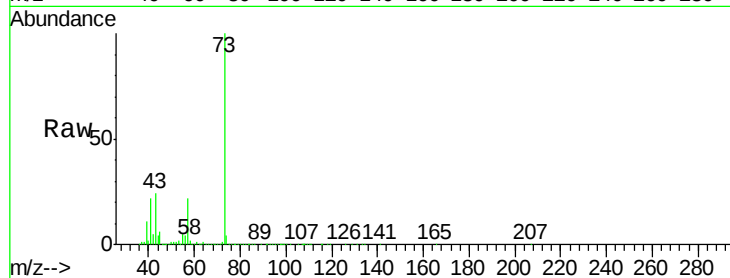
#19
Methyl tert-butyl Ether
Concen: 21.23 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX002020.D
Acq: 26 May 2018 15:42

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS02

Tgt Ion: 73 Resp: 253294
Ion Ratio Lower Upper
73 100
57 21.8 17.4 26.0

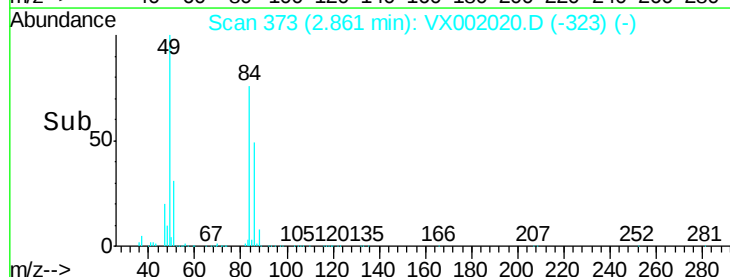
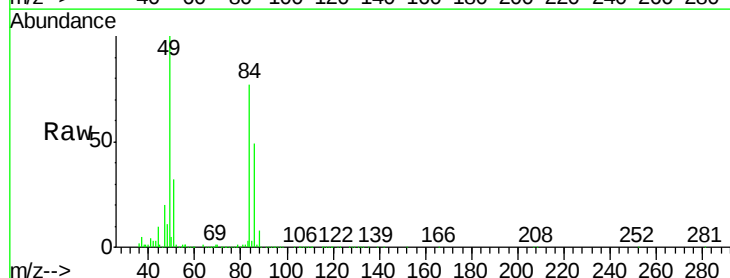
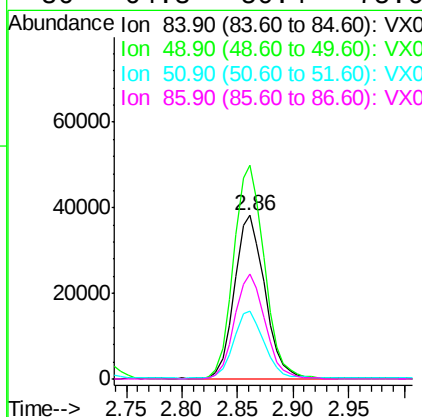
Manual Integrations
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#20
Methylene Chloride
Concen: 21.17 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002020.D
Acq: 26 May 2018 15:42

Tgt Ion: 84 Resp: 71919
Ion Ratio Lower Upper
84 100
49 130.9 107.2 160.8
51 41.2 32.4 48.6
86 64.3 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 20.39 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002020.D

Acq: 26 May 2018 15:42

Instrument :

MSVOA_X

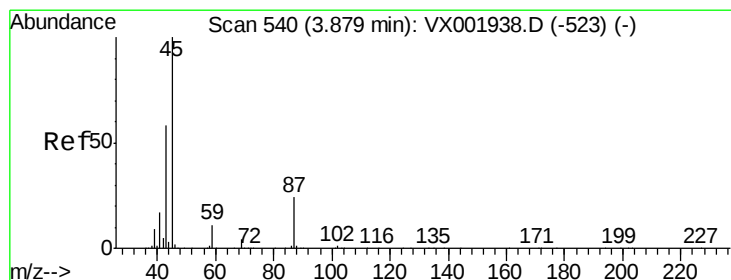
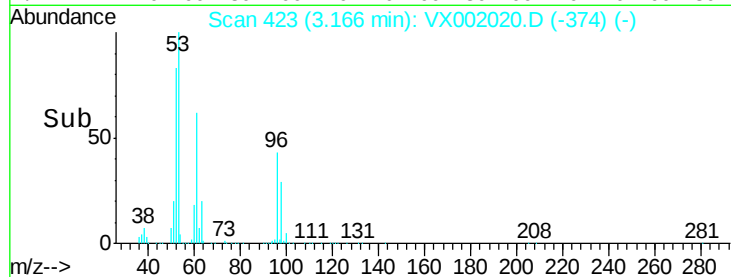
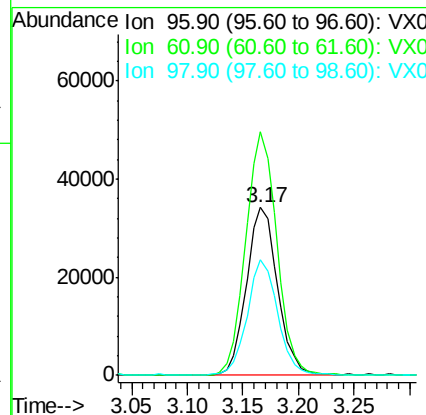
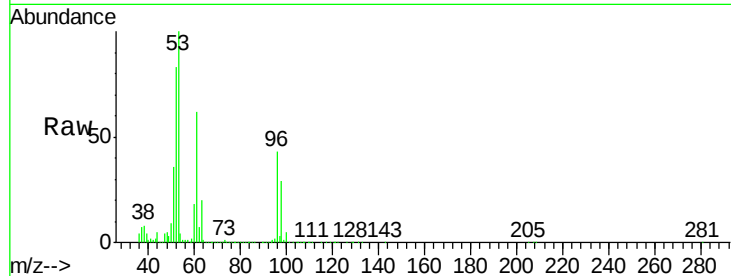
ClientSampleId :

VX0526WBS02

Tgt Ion:	96	Resp:	65844
Ion	Ratio	Lower	Upper
96	100		
61	145.2	113.3	169.9
98	68.3	51.7	77.5

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.89 ug/l

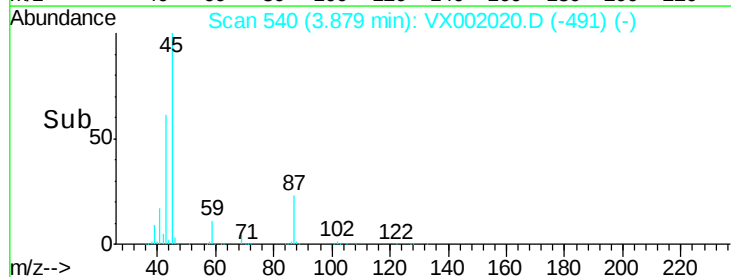
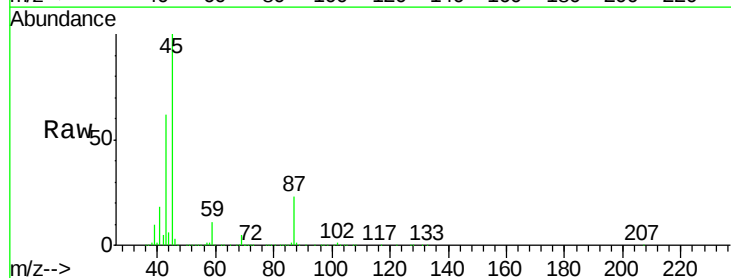
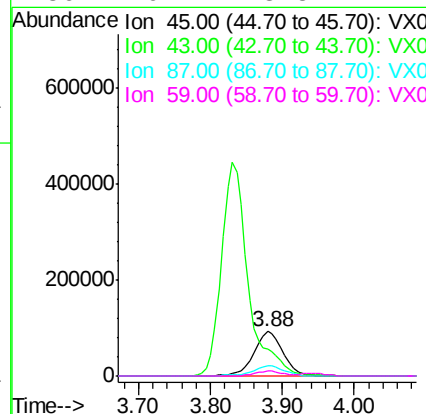
RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX002020.D

Acq: 26 May 2018 15:42

Tgt Ion:	45	Resp:	255845
Ion	Ratio	Lower	Upper
45	100		
43	60.8	47.0	70.6
87	23.5	19.4	29.0
59	10.7	8.5	12.7





#23

Vinyl Acetate

Concen: 102.30 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002020.D

Acq: 26 May 2018 15:42

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBS02

Tgt Ion: 43 Resp: 1148618

Ion Ratio Lower Upper

43 100

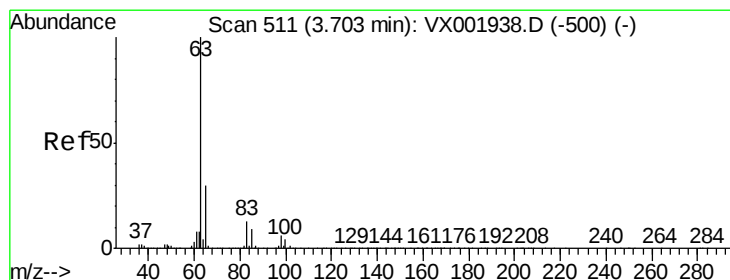
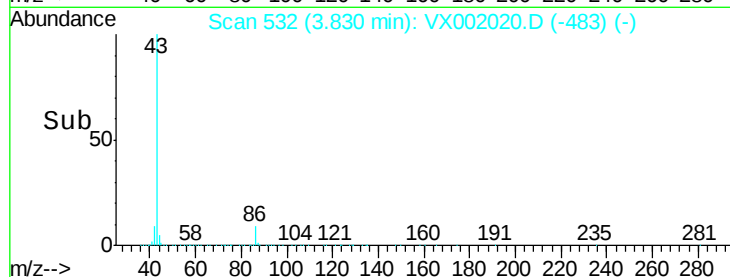
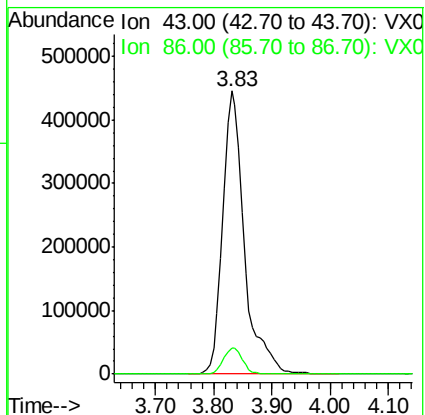
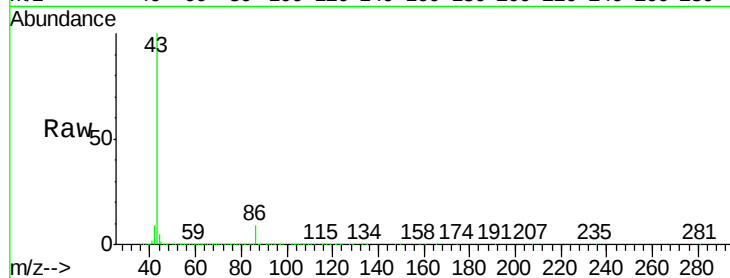
86 9.2 7.6 11.4

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 21.07 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX002020.D

Acq: 26 May 2018 15:42

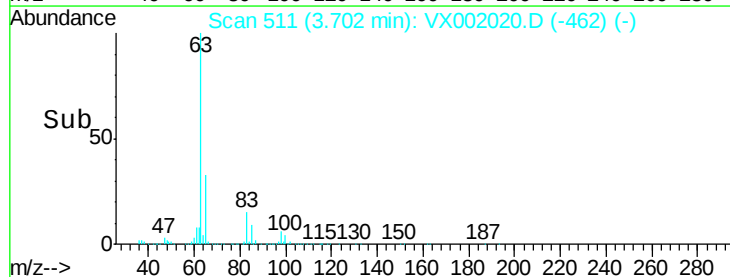
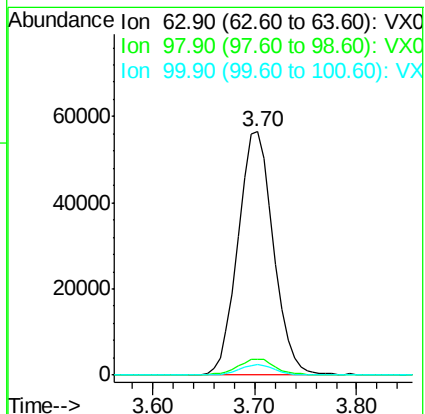
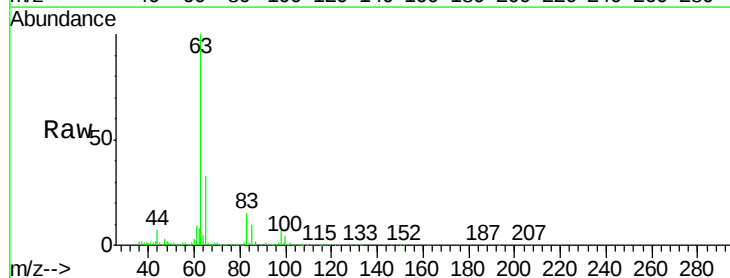
Tgt Ion: 63 Resp: 135527

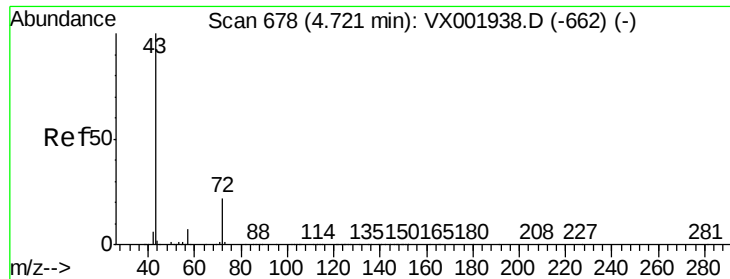
Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.8

100 4.2 2.1 6.5





#25

2-Butanone

Concen: 98.29 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.00 min

Lab File: VX002020.D

Acq: 26 May 2018 15:42

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBS02

Tgt Ion: 43 Resp: 338189

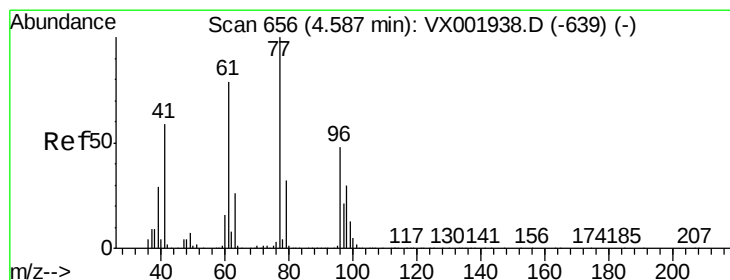
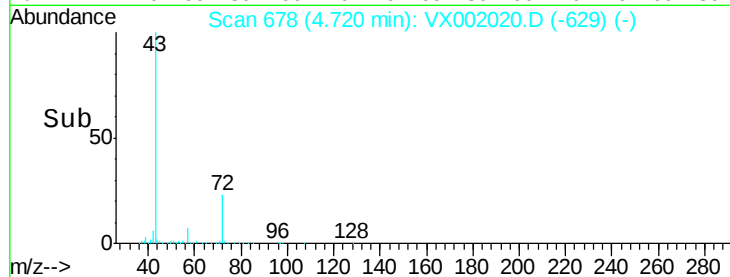
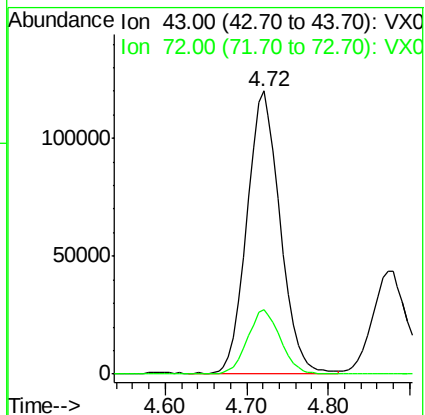
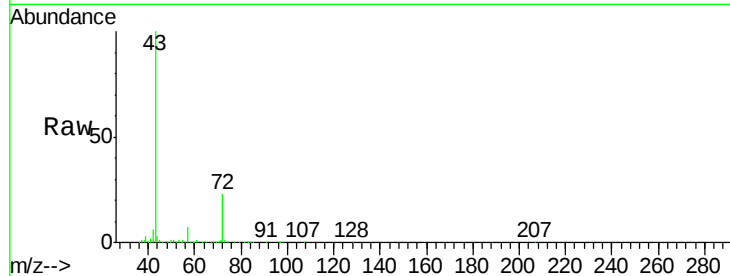
Ion Ratio Lower Upper

43 100

72 22.7 17.9 26.9

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#26

2,2-Dichloropropane

Concen: 17.76 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX002020.D

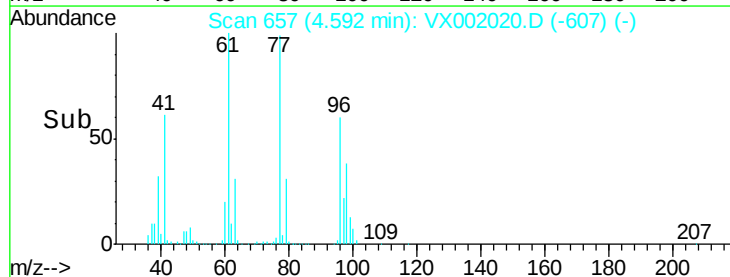
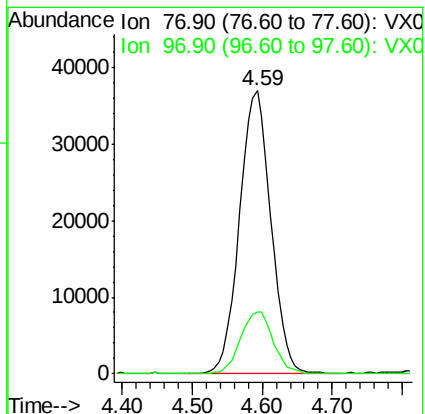
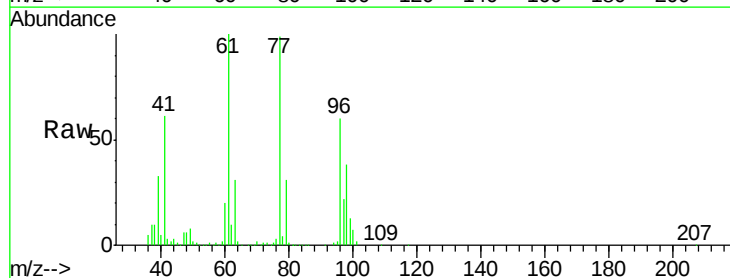
Acq: 26 May 2018 15:42

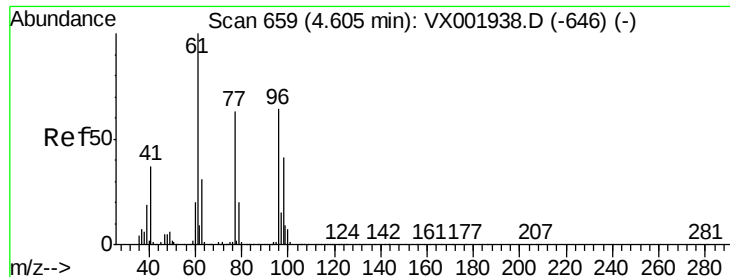
Tgt Ion: 77 Resp: 115660

Ion Ratio Lower Upper

77 100

97 22.8 11.2 33.5





#27

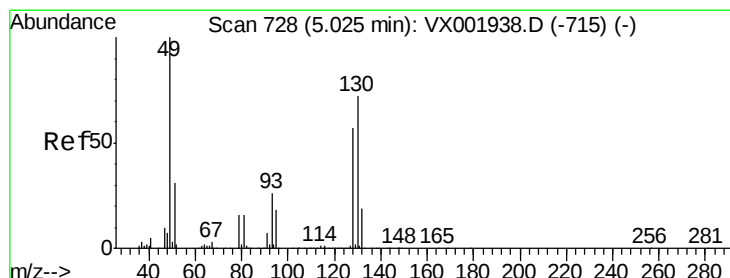
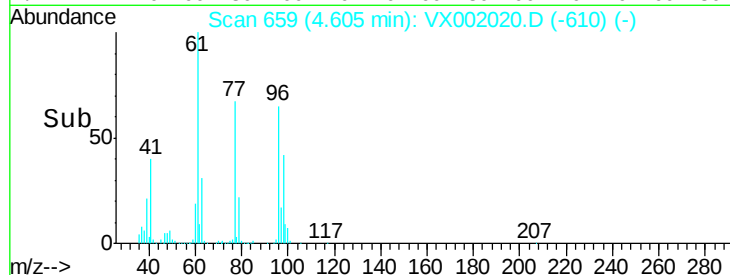
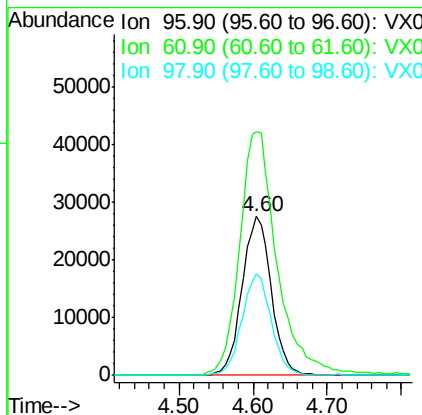
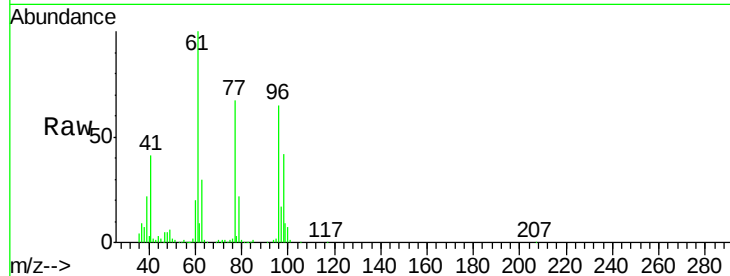
cis-1,2-Dichloroethene
Concen: 18.39 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX002020.D
Acq: 26 May 2018 15:42

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	195.2	0.0	348.4
98	64.1	0.0	128.6

Manual Integrations
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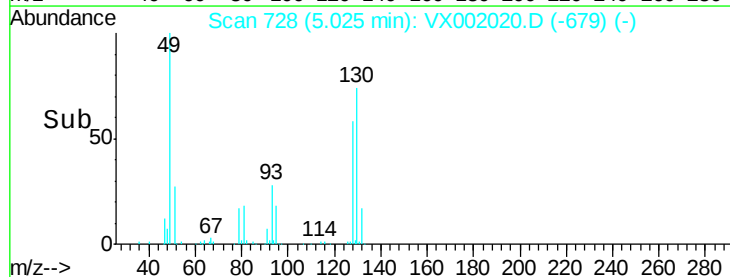
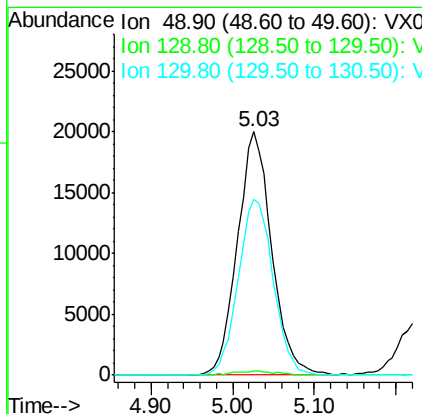
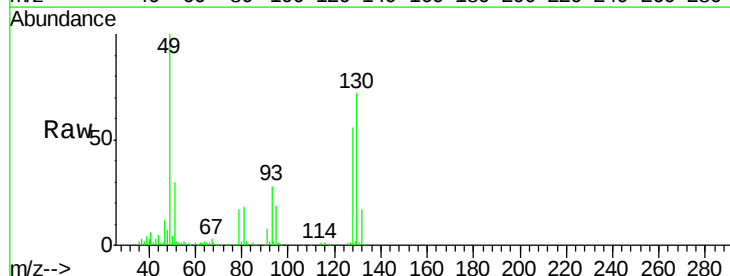
MMDadoda
5/30/2018 1:50:10 PM



#28

Bromochloromethane
Concen: 20.34 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002020.D
Acq: 26 May 2018 15:42

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	73.6	59.4	89.2





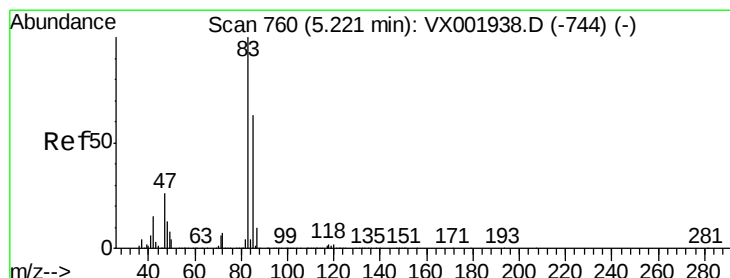
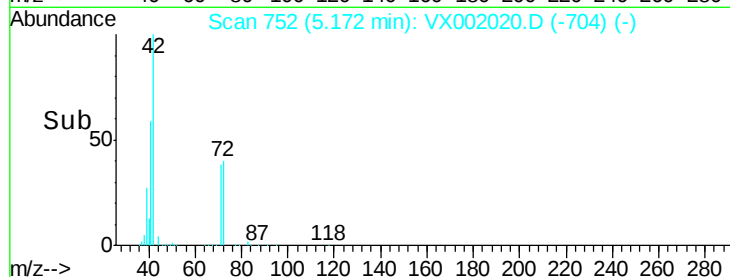
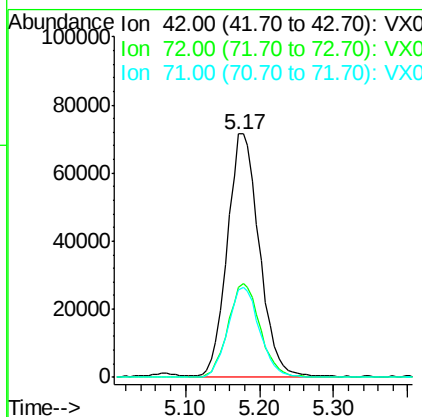
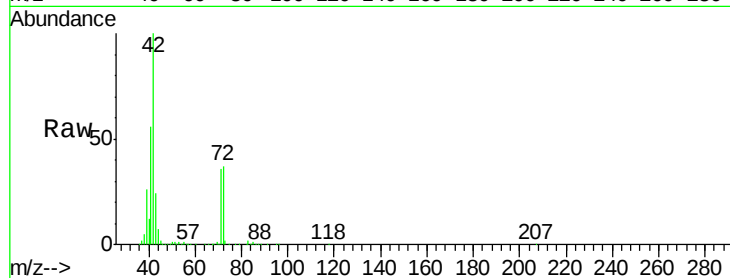
#29
Tetrahydrofuran
Concen: 95.16 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX002020.D
Acq: 26 May 2018 15:42

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	213015		
72	39.0		31.4	47.0
71	37.2		29.5	44.3

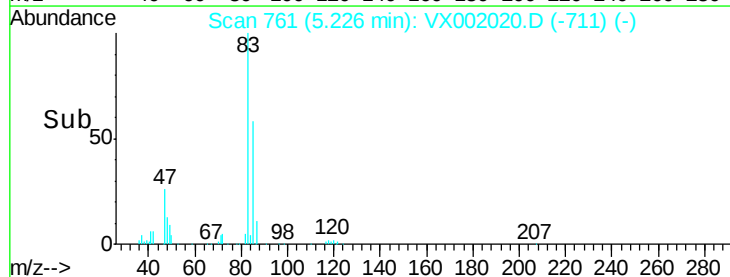
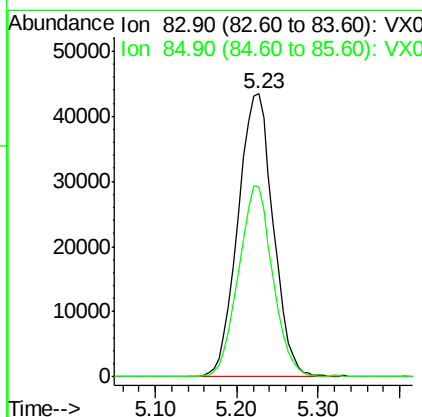
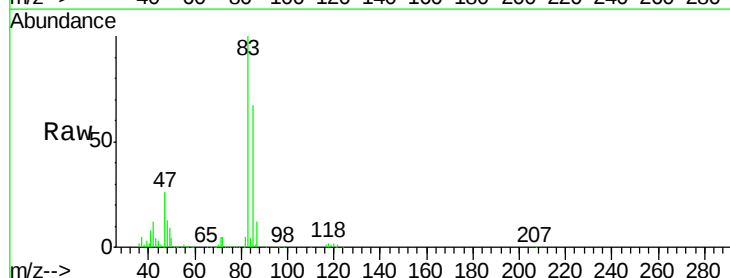
Manual Integrations
APPROVED

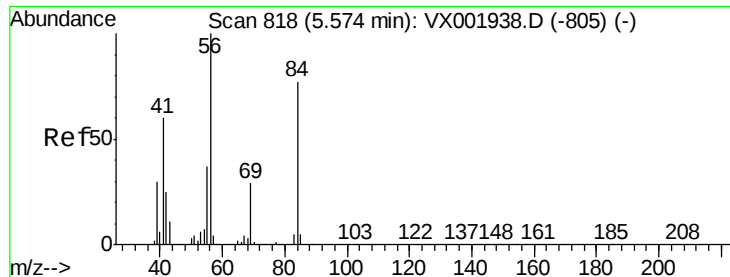
MMDadoda
5/30/2018 1:50:10 PM



#30
Chloroform
Concen: 18.08 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX002020.D
Acq: 26 May 2018 15:42

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	131003		
85	66.9		50.9	76.3





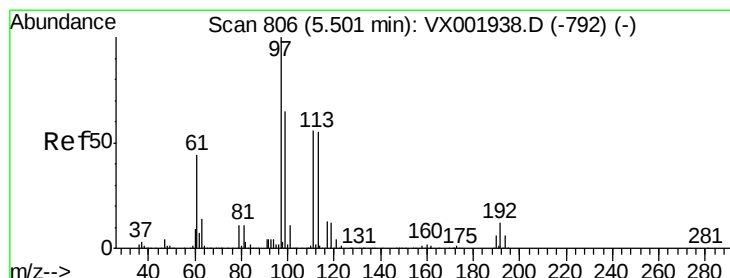
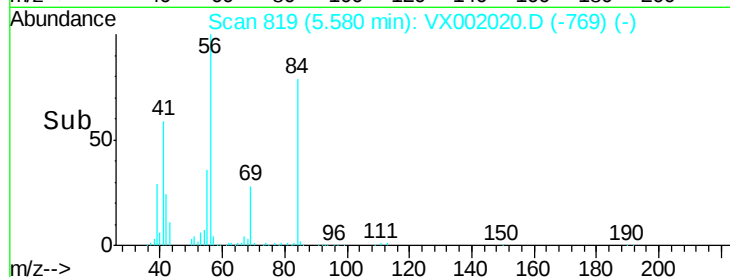
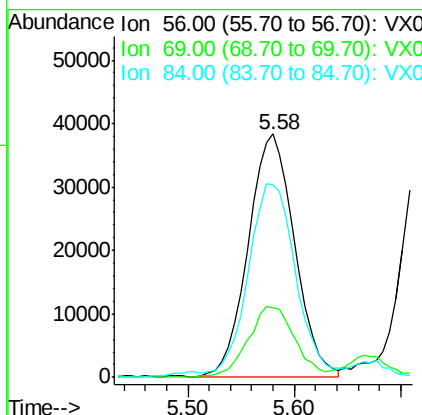
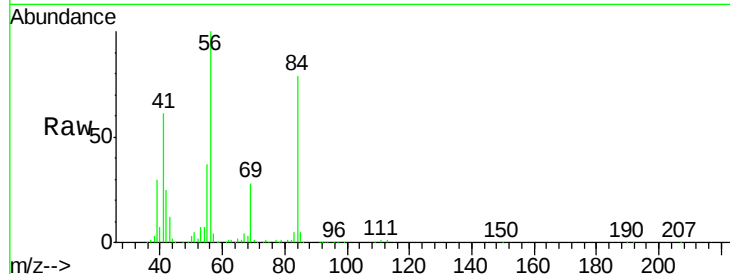
#31
Cyclohexane
Concen: 17.33 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX002020.D
Acq: 26 May 2018 15:42

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS02

Tgt Ion	Ratio	Lower	Upper
56	100		
69	28.2	23.1	34.7
84	77.1	62.0	93.0

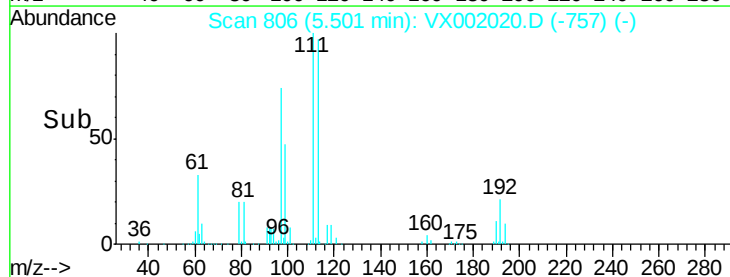
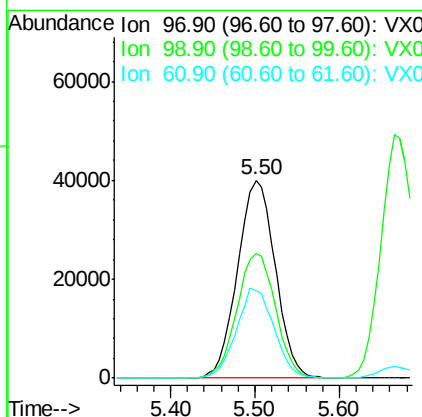
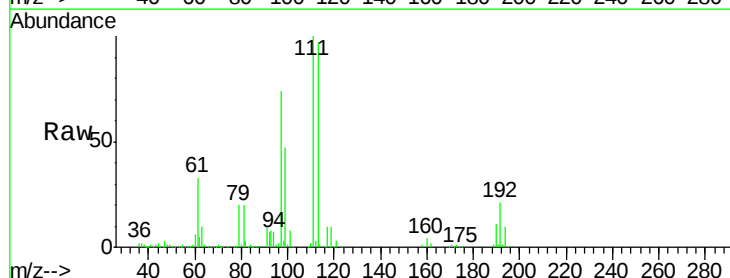
Manual Integrations
APPROVED

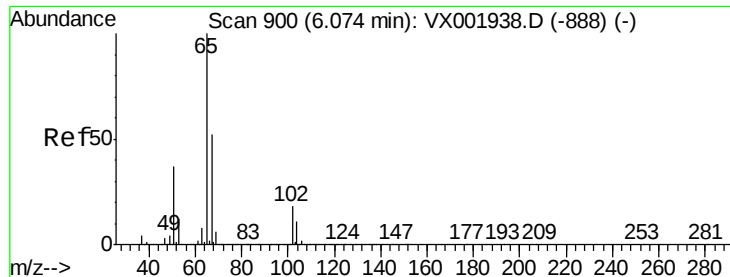
MMDadoda
5/30/2018 1:50:10 PM



#32
1,1,1-Trichloroethane
Concen: 18.01 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX002020.D
Acq: 26 May 2018 15:42

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.9	77.9
61	45.3	35.9	53.9





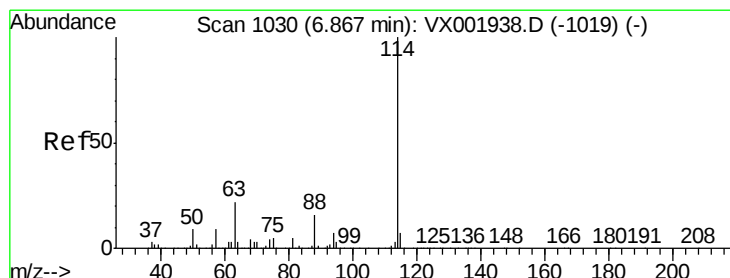
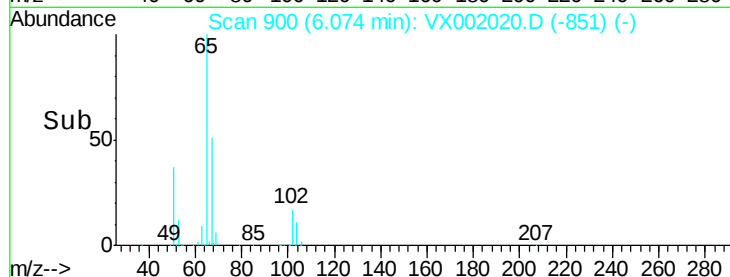
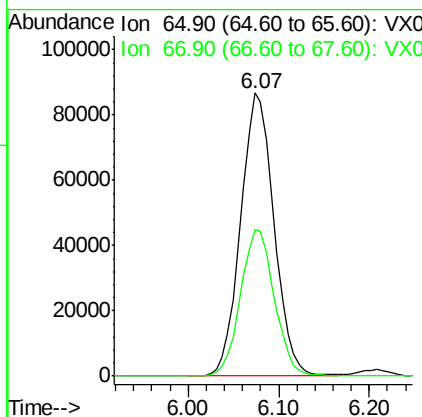
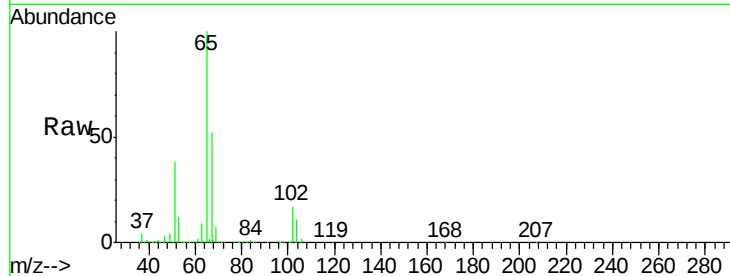
#33
 1,2-Dichloroethane-d4
 Concen: 45.52 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002020.D
 Acq: 26 May 2018 15:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0526WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	221417		
67	52.5	0.0	104.0	

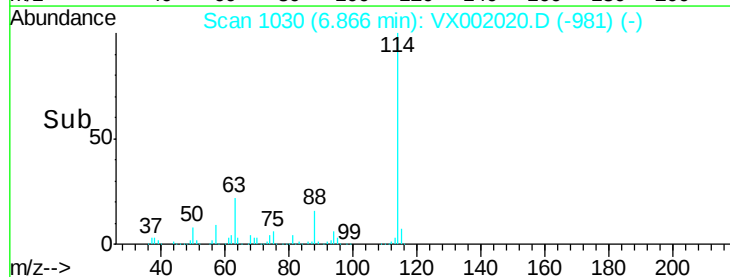
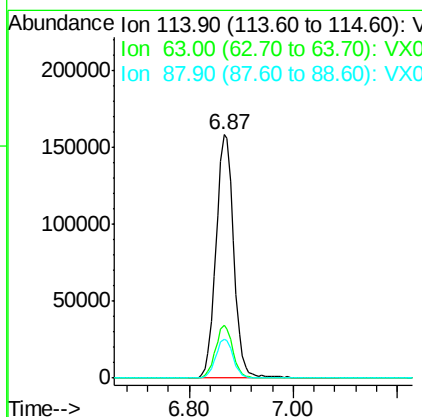
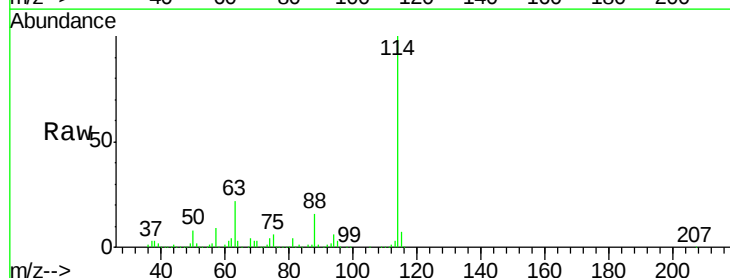
Manual Integrations
 APPROVED

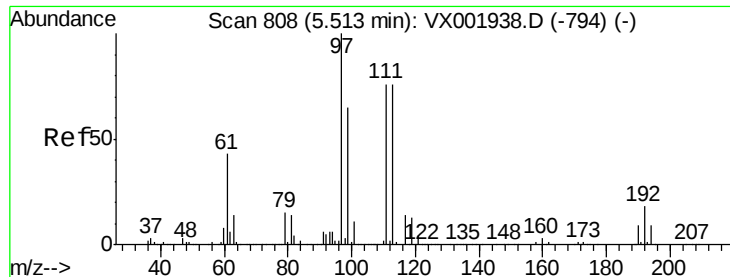
MMDadoda
 5/30/2018 1:50:10 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002020.D
 Acq: 26 May 2018 15:42

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	378498		
63	21.5	0.0	43.2	
88	16.0	0.0	31.6	





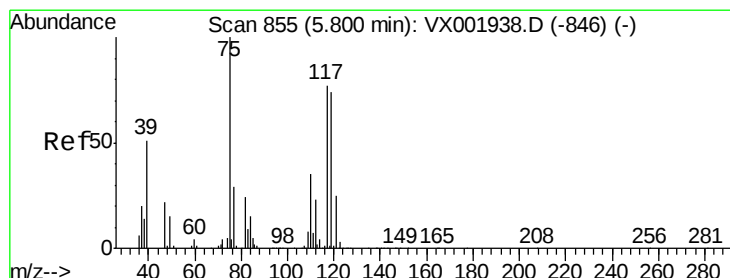
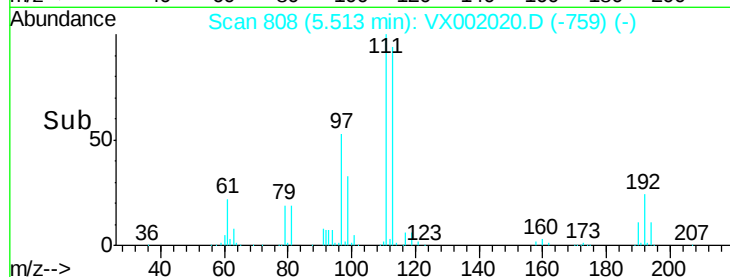
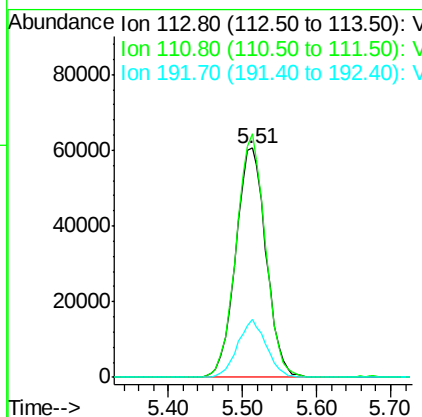
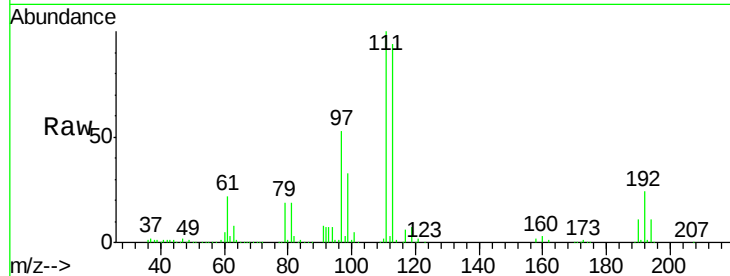
#35
 Dibromofluoromethane
 Concen: 45.78 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX002020.D
 Acq: 26 May 2018 15:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0526WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	173265		
111	102.3	82.0	123.0	
192	23.6	18.9	28.3	

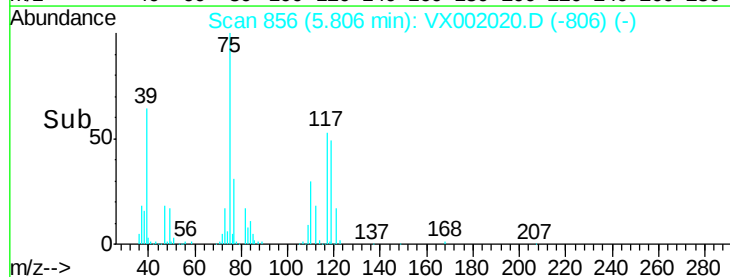
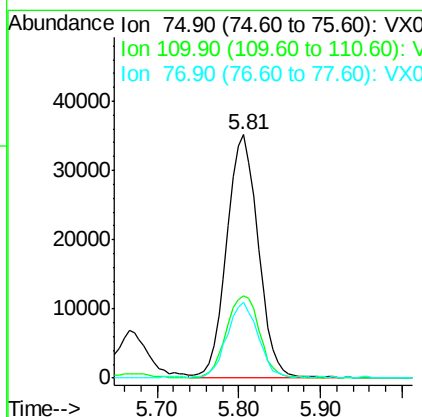
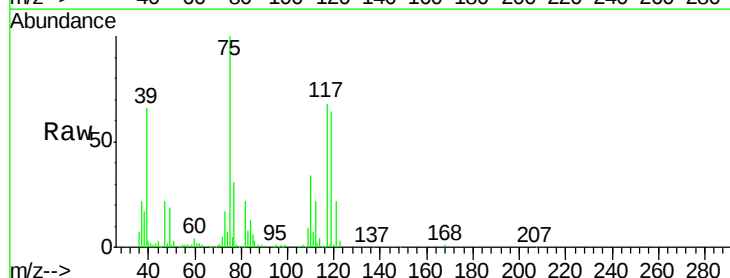
Manual Integrations
 APPROVED

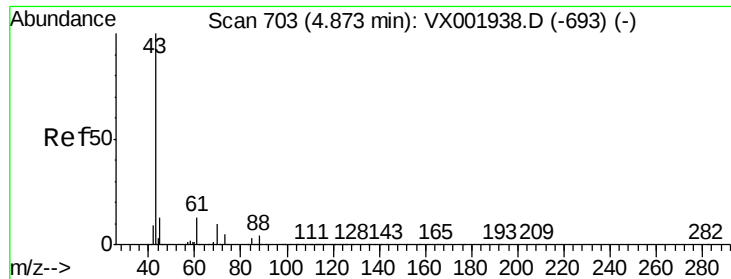
MMDadoda
 5/30/2018 1:50:10 PM



#36
 1,1-Dichloropropene
 Concen: 17.69 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.01 min
 Lab File: VX002020.D
 Acq: 26 May 2018 15:42

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	93141		
110	36.4	17.4	52.2	
77	30.3	24.4	36.6	





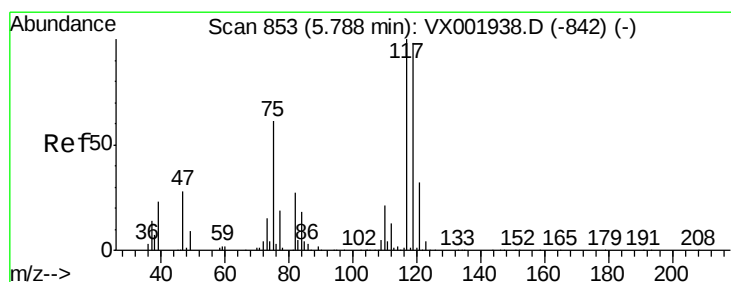
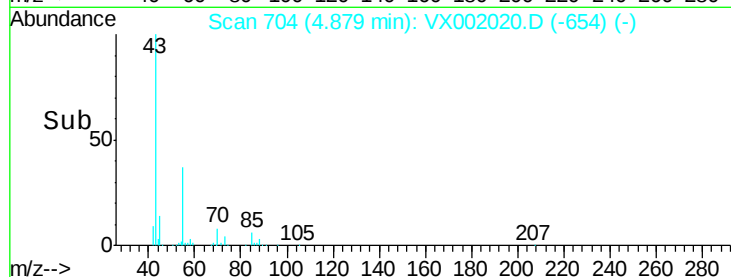
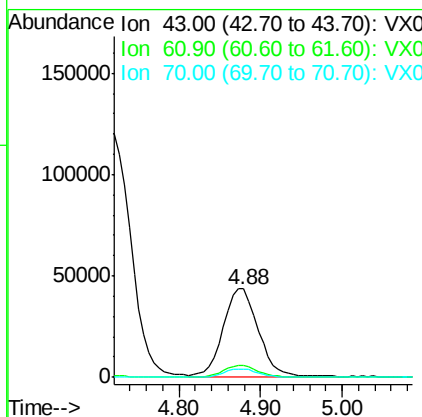
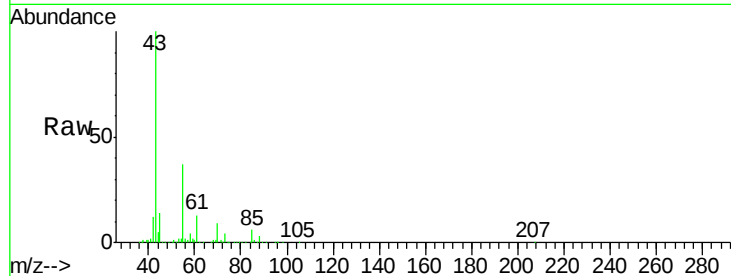
#37
Ethyl Acetate
Concen: 18.59 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX002020.D
Acq: 26 May 2018 15:42

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.2	15.2
70	10.0	7.8	11.8

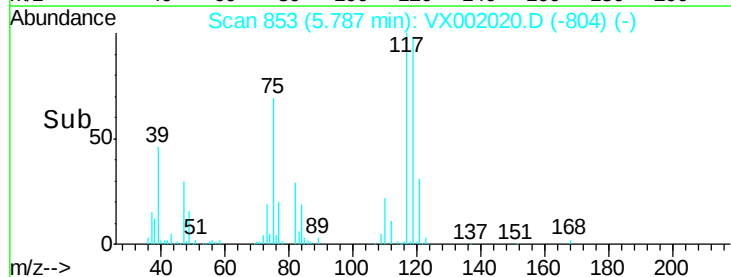
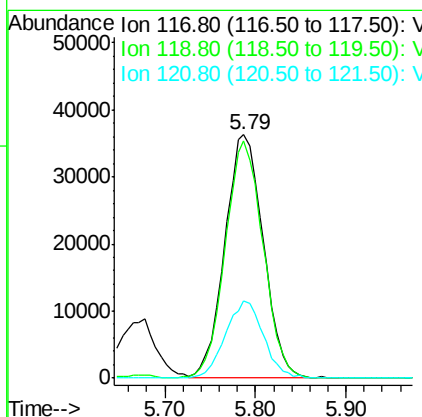
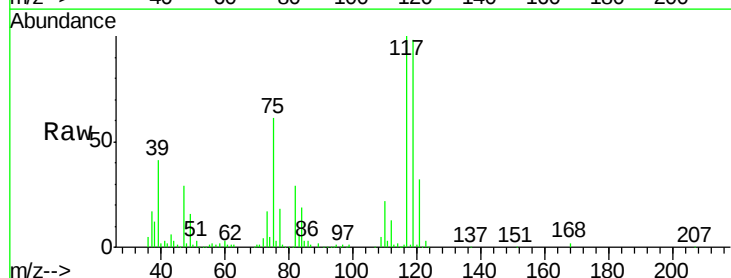
Manual Integrations
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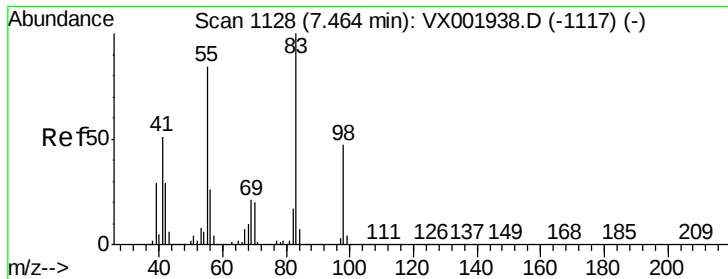
MMDadoda
5/30/2018 1:50:10 PM



#38
Carbon Tetrachloride
Concen: 17.40 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002020.D
Acq: 26 May 2018 15:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	78.5	117.7
121	31.5	25.5	38.3





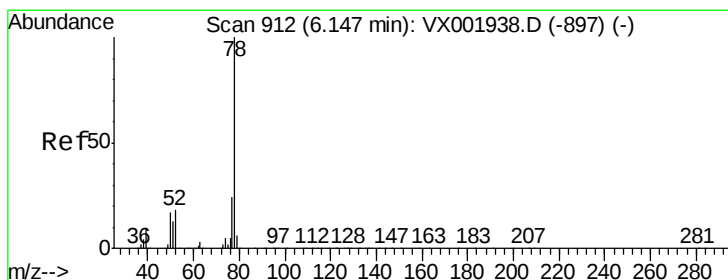
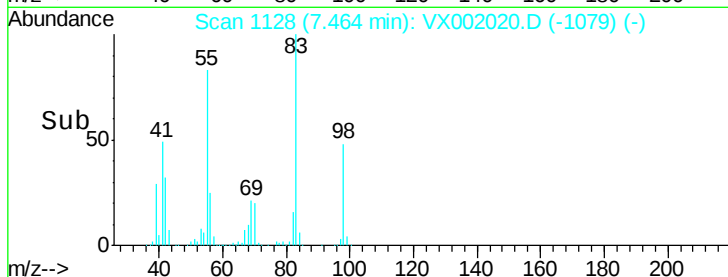
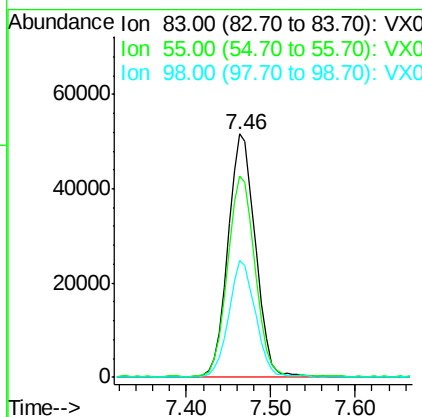
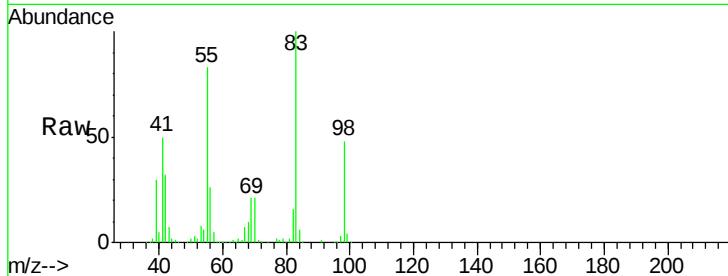
#39
Methylcyclohexane
Concen: 17.53 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002020.D
Acq: 26 May 2018 15:42

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS02

Tgt Ion	Ratio	Lower	Upper
83	100		
55	82.5	67.3	100.9
98	48.0	37.5	56.3

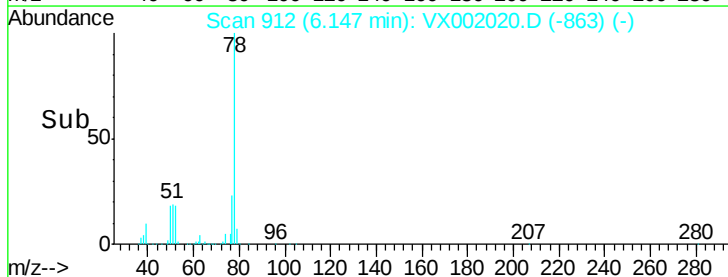
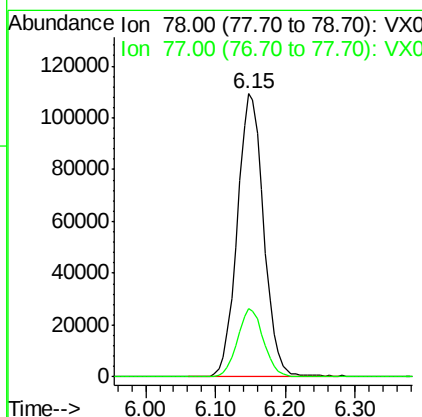
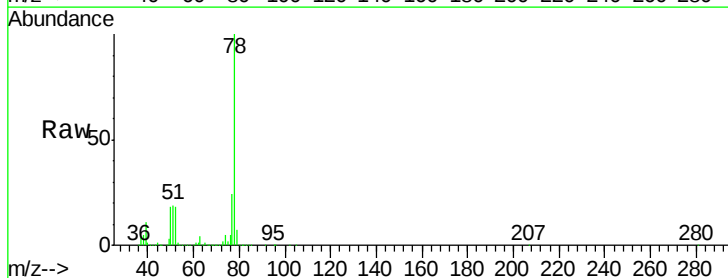
Manual Integrations
APPROVED

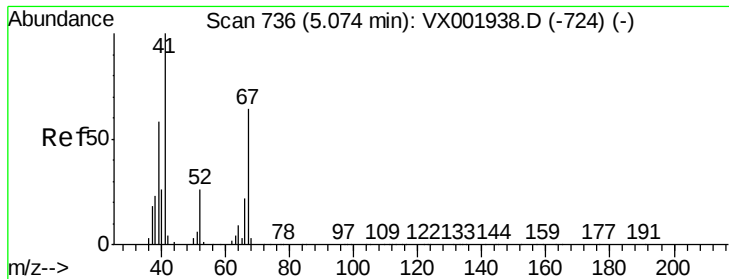
MMDadoda
5/30/2018 1:50:10 PM



#40
Benzene
Concen: 18.60 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002020.D
Acq: 26 May 2018 15:42

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.1	28.7





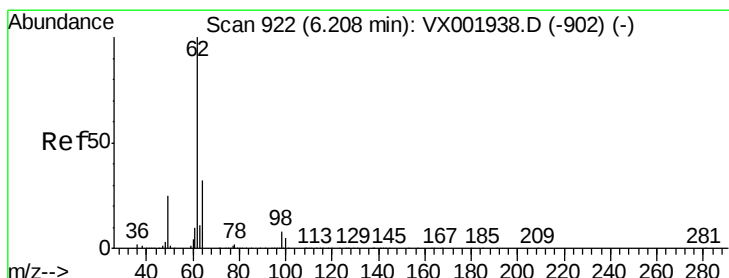
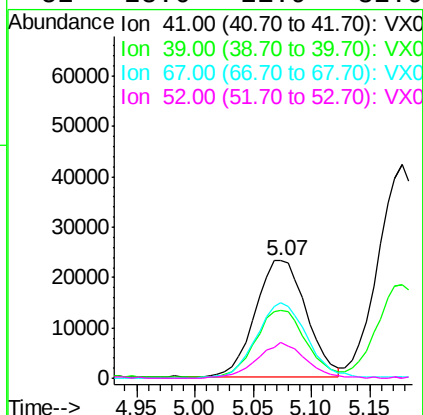
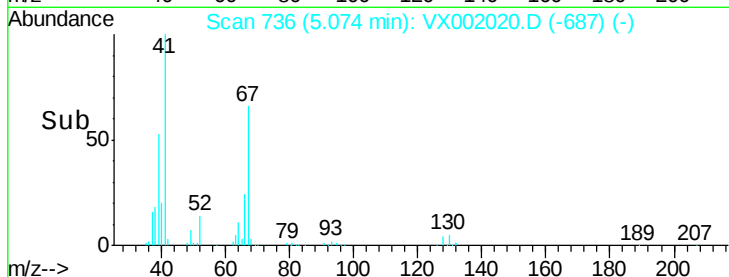
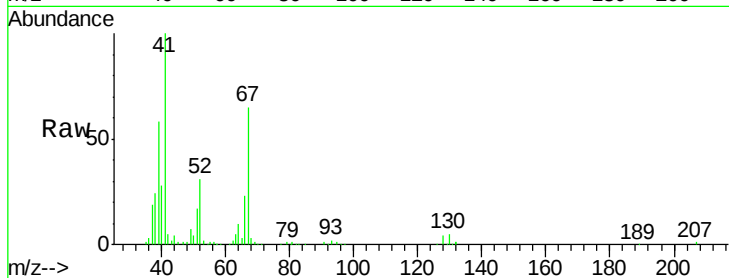
#41
Methacrylonitrile
Concen: 18.48 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX002020.D
Acq: 26 May 2018 15:42

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS02

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.8	46.0	69.0	
67	65.7	50.6	75.8	
52	28.6	21.9	32.9	

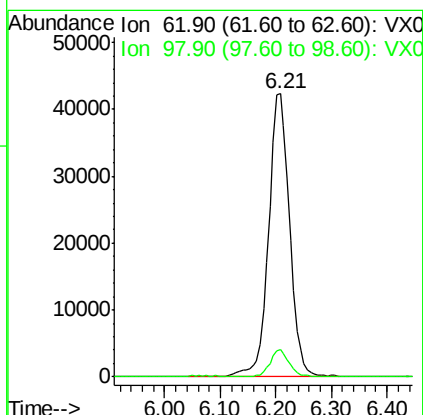
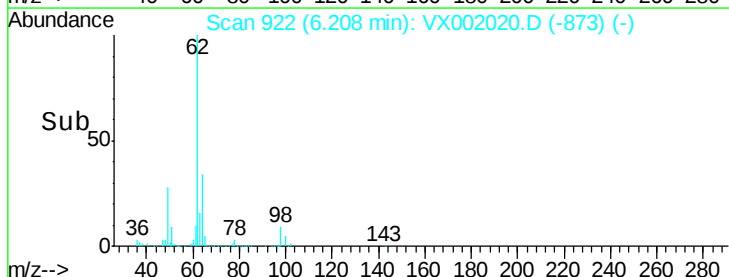
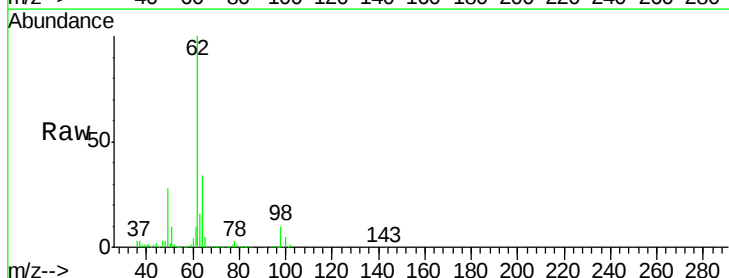
Manual Integrations
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5/30/2018 1:50:10 PM



#42
1,2-Dichloroethane
Concen: 18.06 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX002020.D
Acq: 26 May 2018 15:42

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.9	0.0	17.0	





#43

Isopropyl Acetate

Concen: 18.77 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX002020.D

Acq: 26 May 2018 15:42

Instrument :

MSVOA_X

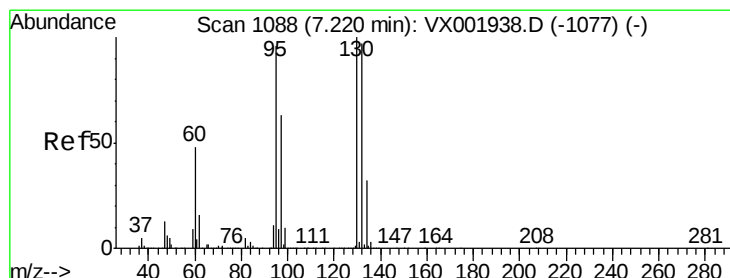
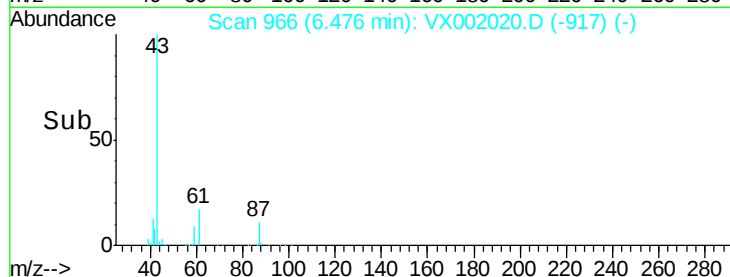
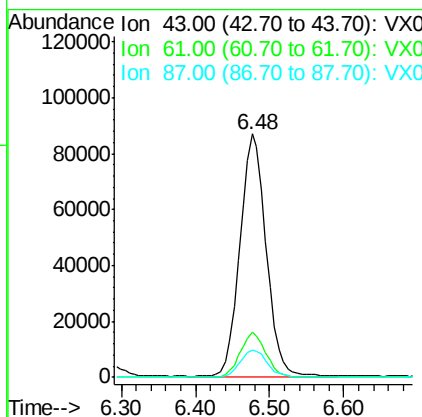
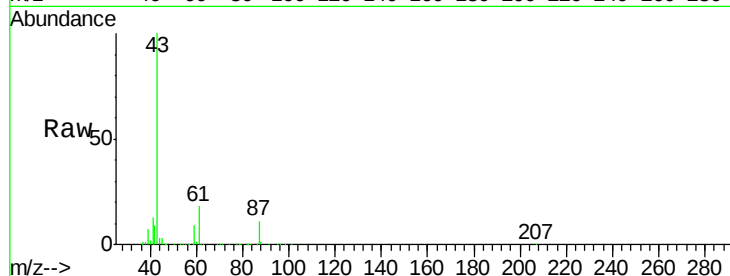
ClientSampleId :

VX0526WBS02

Tgt Ion:	43	Resp:	214620
Ion	Ratio	Lower	Upper
43	100		
61	18.2	14.5	21.7
87	11.8	9.5	14.3

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#44

Trichloroethene

Concen: 18.09 ug/l

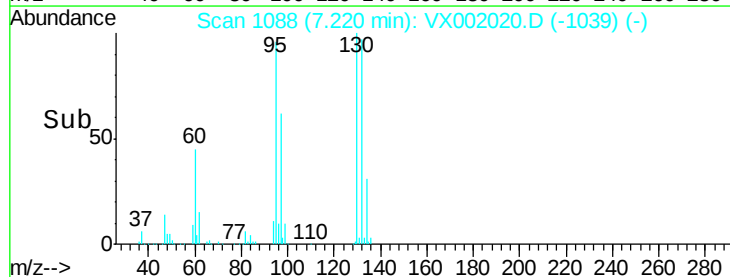
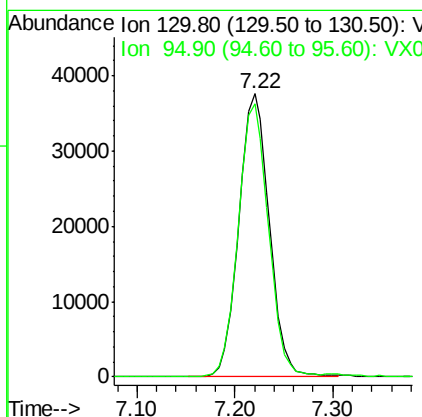
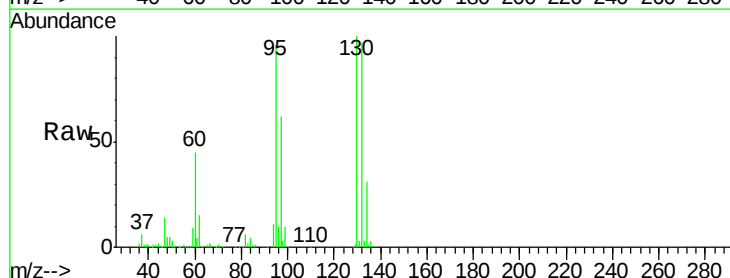
RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX002020.D

Acq: 26 May 2018 15:42

Tgt Ion:	130	Resp:	81317
Ion	Ratio	Lower	Upper
130	100		
95	96.5	0.0	192.0





#45

1,2-Dichloropropane

Concen: 18.58 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VX002020.D

Acq: 26 May 2018 15:42

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBS02

Tgt Ion: 63 Resp: 77821

Ion Ratio Lower Upper

63 100

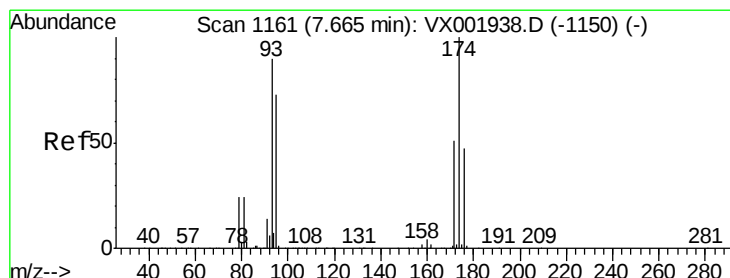
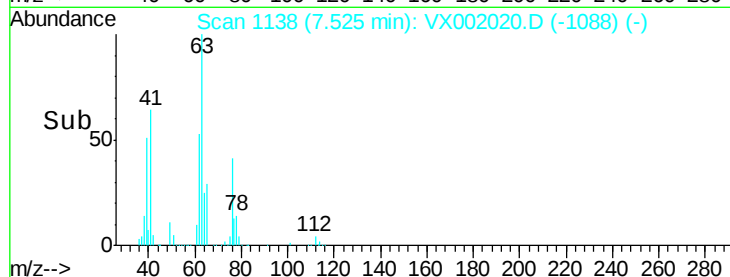
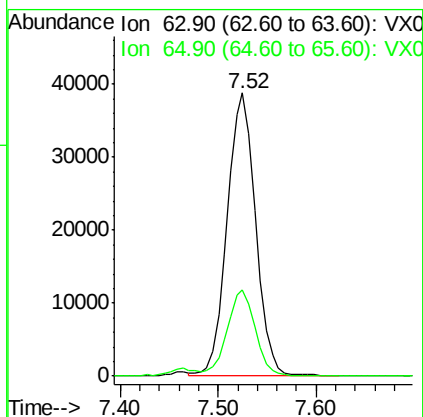
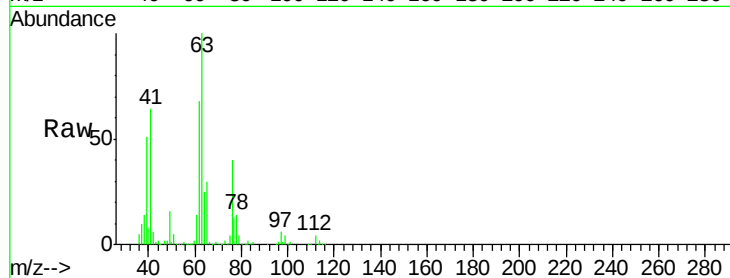
65 30.4 24.1 36.1

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#46

Dibromomethane

Concen: 18.78 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.01 min

Lab File: VX002020.D

Acq: 26 May 2018 15:42

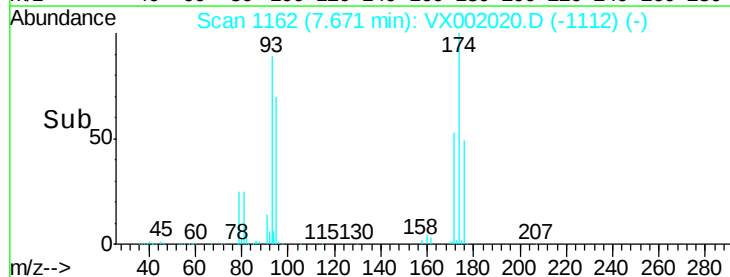
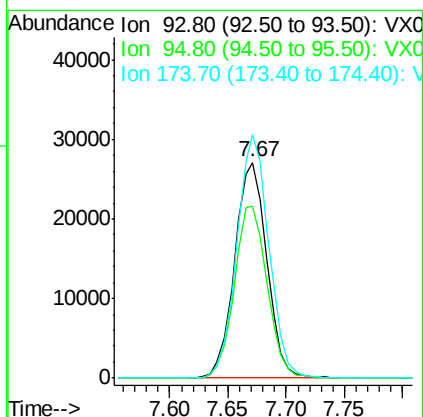
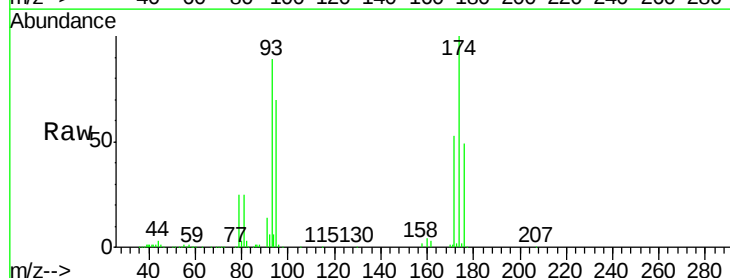
Tgt Ion: 93 Resp: 52086

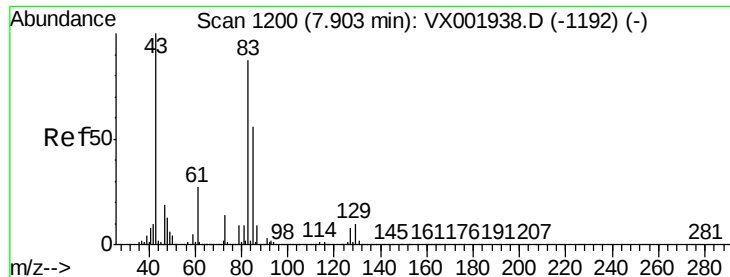
Ion Ratio Lower Upper

93 100

95 81.8 66.1 99.1

174 112.3 92.5 138.7





#47

Bromodichloromethane

Concen: 17.26 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.01 min

Lab File: VX002020.D

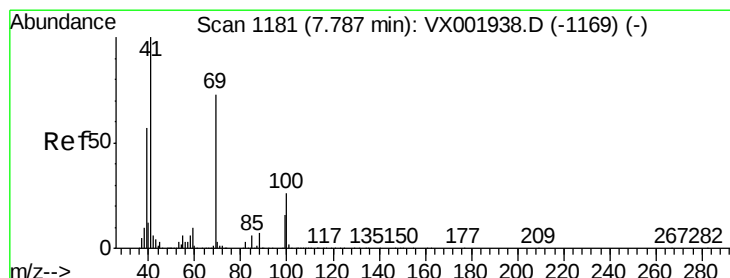
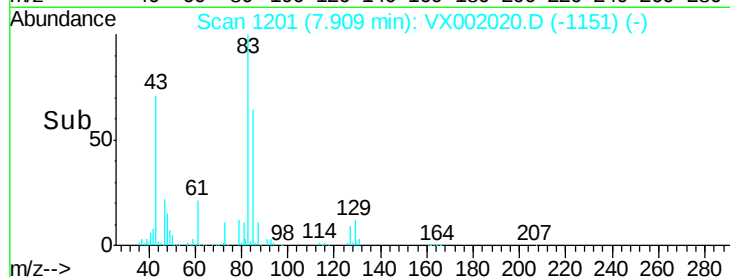
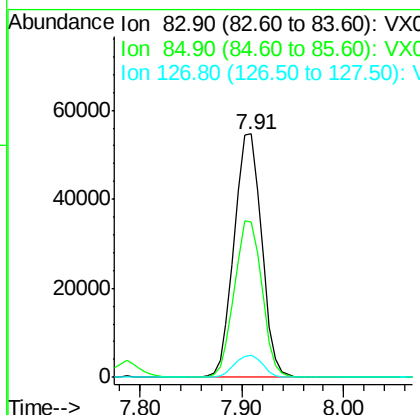
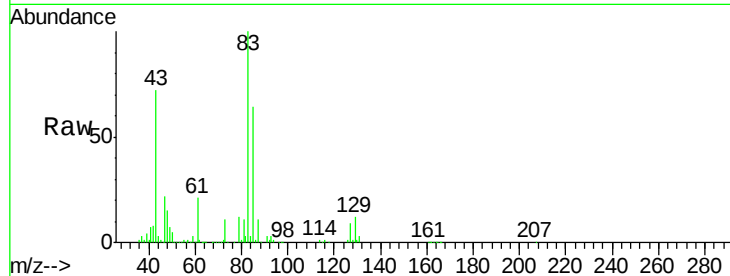
Acq: 26 May 2018 15:42

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	102039		
85	64.0	51.4	77.2	
127	9.3	7.1	10.7	

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#48

Methyl methacrylate

Concen: 18.27 ug/l

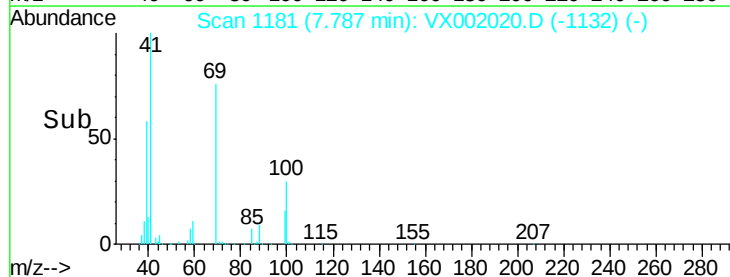
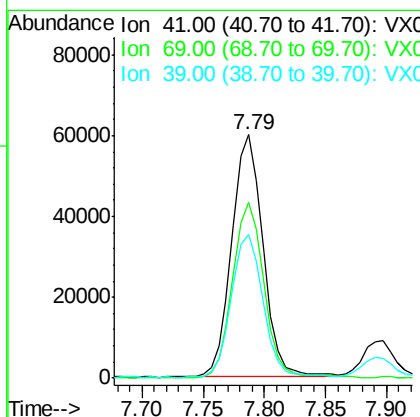
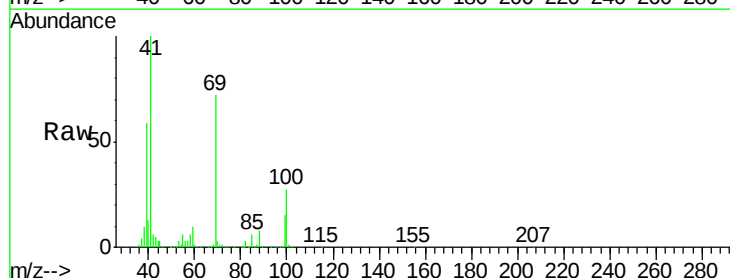
RT: 7.79 min Scan# 1181

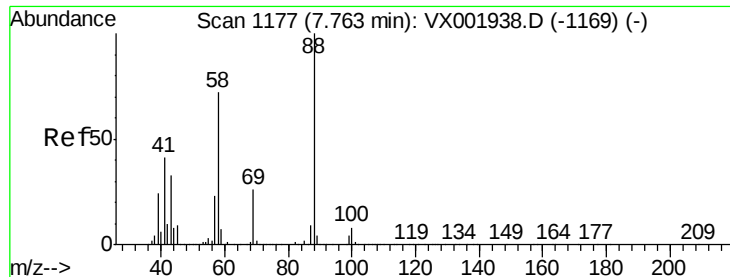
Delta R.T. -0.00 min

Lab File: VX002020.D

Acq: 26 May 2018 15:42

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	106321		
69	72.3	58.6	87.8	
39	59.8	46.3	69.5	





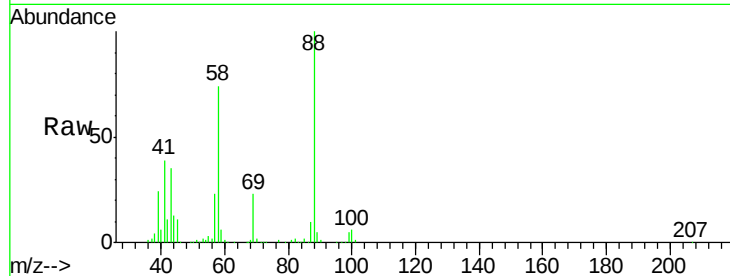
#49
1,4-Dioxane
Concen: 392.60 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX002020.D
Acq: 26 May 2018 15:42

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS02

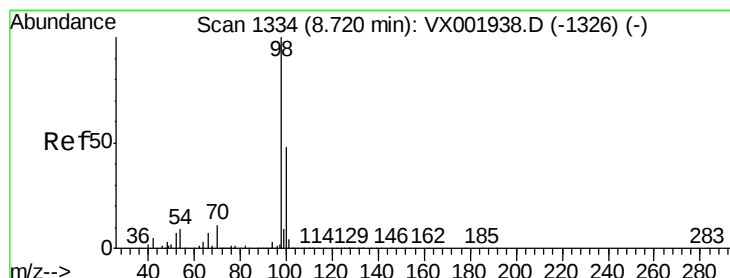
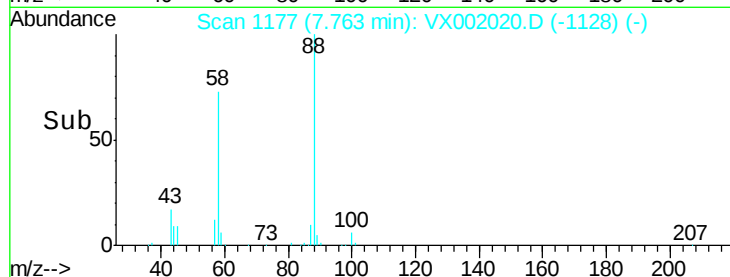
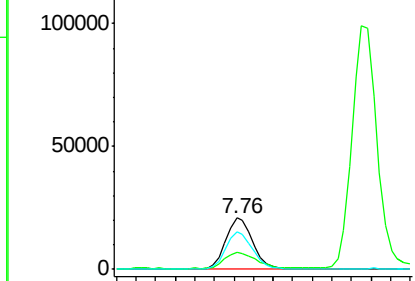
Tgt Ion	Ratio	Lower	Upper
88	100		
43	38.7	29.8	44.8
58	72.2	58.7	88.1

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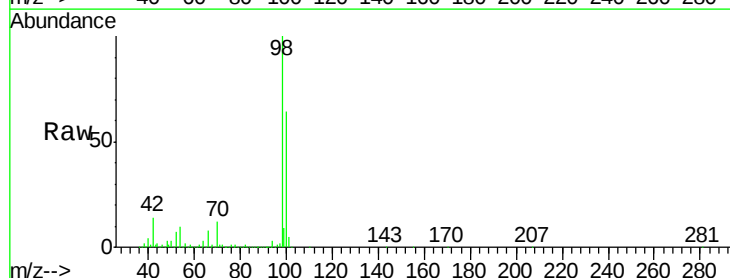


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

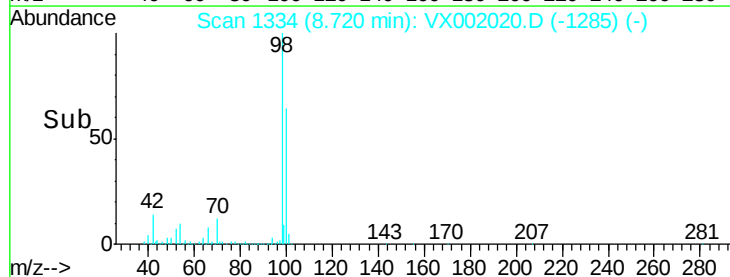
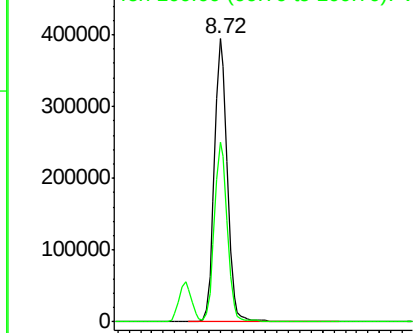


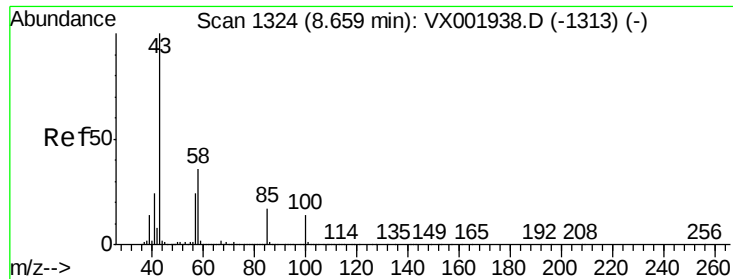
#50
Toluene-d8
Concen: 45.90 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002020.D
Acq: 26 May 2018 15:42

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.5	77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





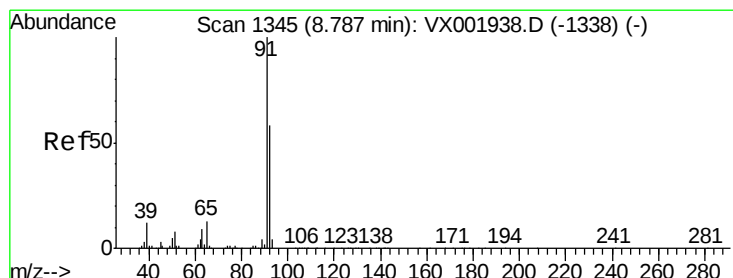
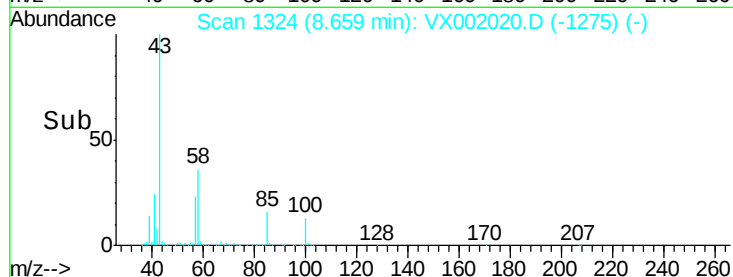
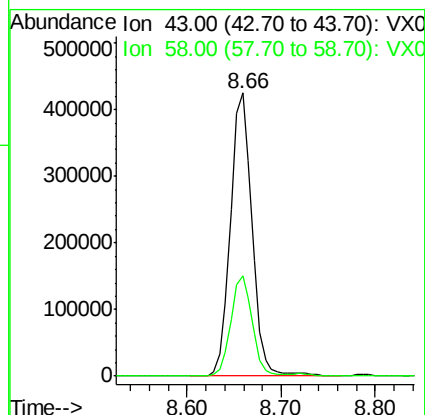
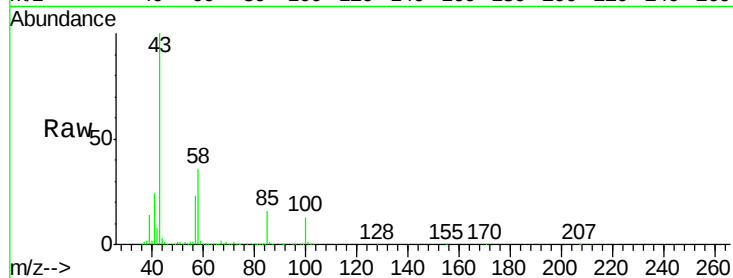
#51
 4-Methyl-2-Pentanone
 Concen: 97.94 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX002020.D
 Acq: 26 May 2018 15:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0526WBS02

Tgt Ion: 43 Resp: 675186
 Ion Ratio Lower Upper
 43 100
 58 34.9 28.5 42.7

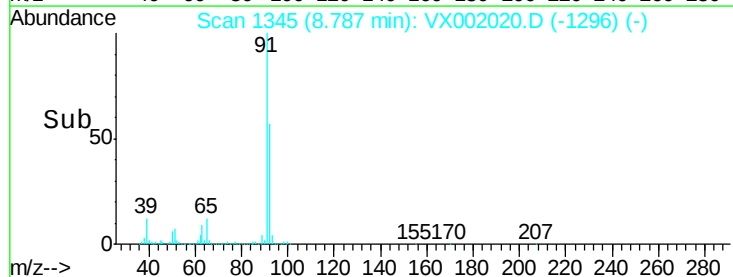
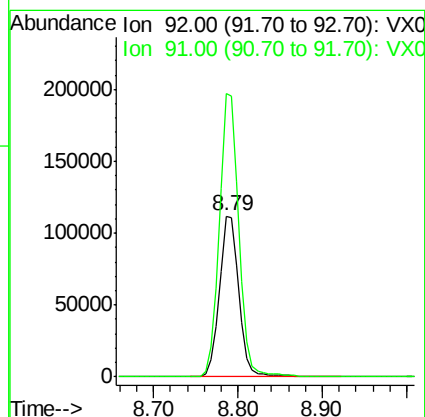
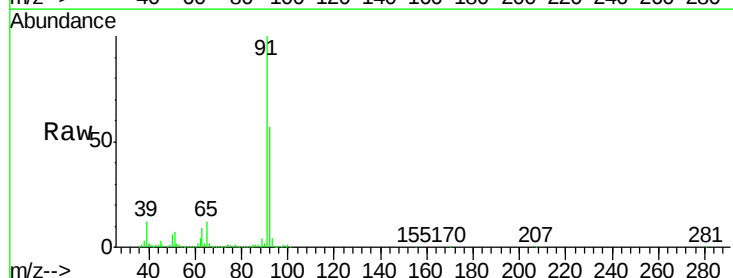
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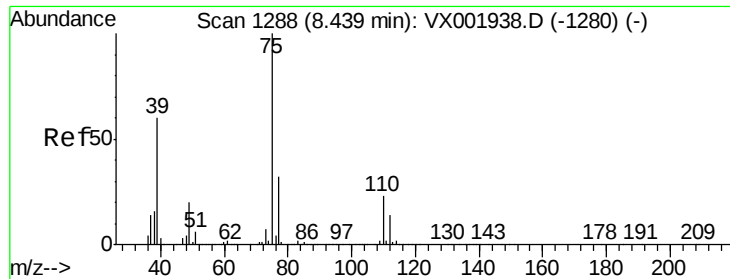
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#52
 Toluene
 Concen: 18.29 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: VX002020.D
 Acq: 26 May 2018 15:42

Tgt Ion: 92 Resp: 179539
 Ion Ratio Lower Upper
 92 100
 91 176.3 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 17.97 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002020.D

Acq: 26 May 2018 15:42

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBS02

Tgt Ion: 75 Resp: 122355

Ion Ratio Lower Upper

75 100

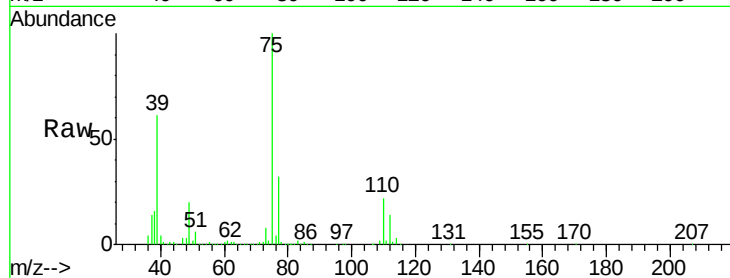
77 31.4 25.5 38.3

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

80000

60000

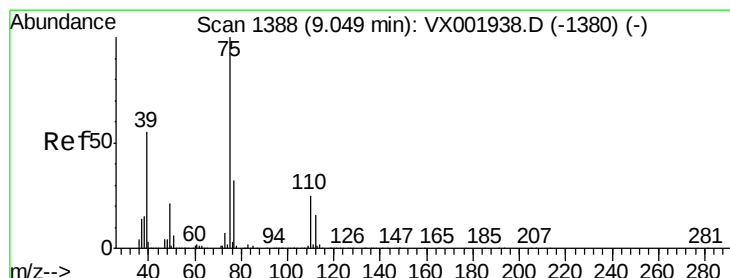
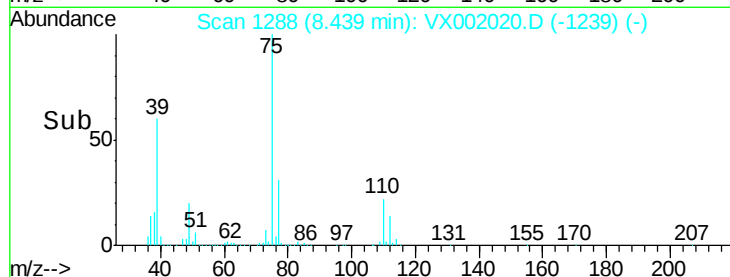
40000

20000

0

8.40 8.50

Time-->



#54

cis-1,3-Dichloropropene

Concen: 17.74 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX002020.D

Acq: 26 May 2018 15:42

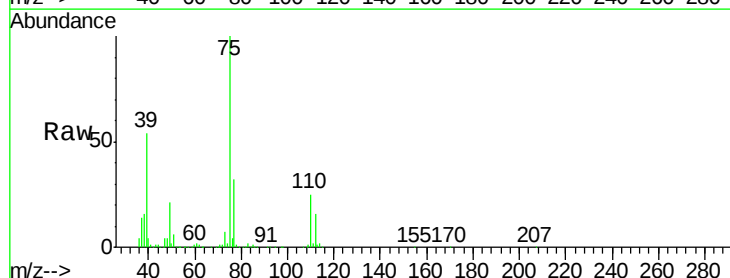
Tgt Ion: 75 Resp: 117720

Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.0

39 53.8 44.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.05

100000

80000

60000

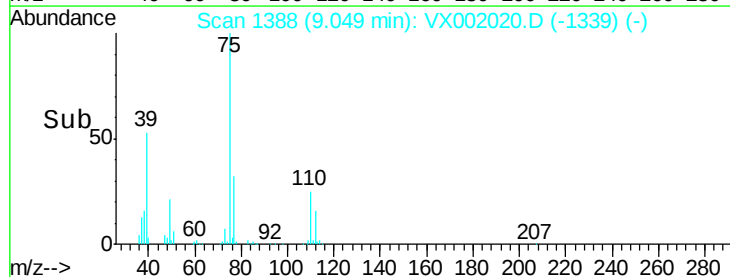
40000

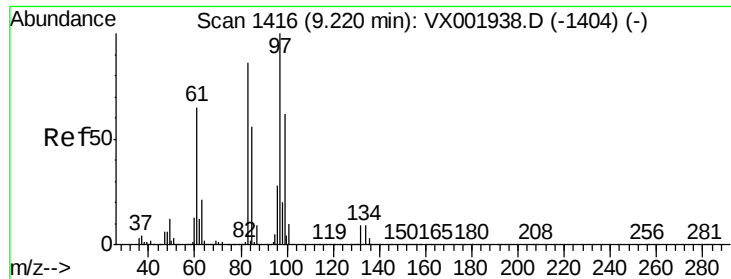
20000

0

8.95 9.00 9.05 9.10 9.15

Time-->





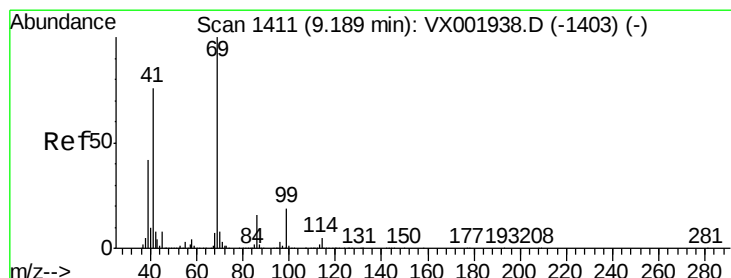
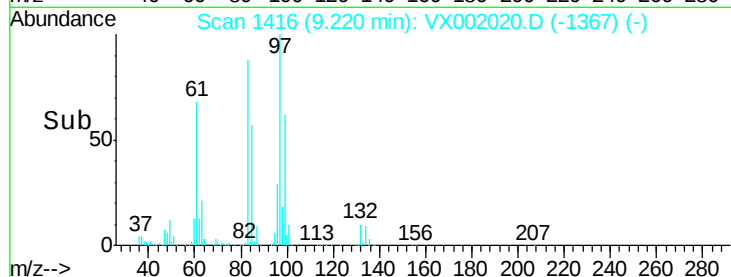
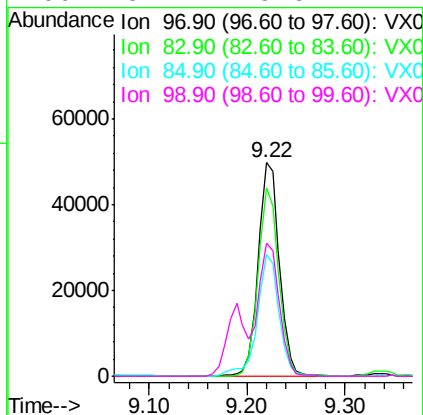
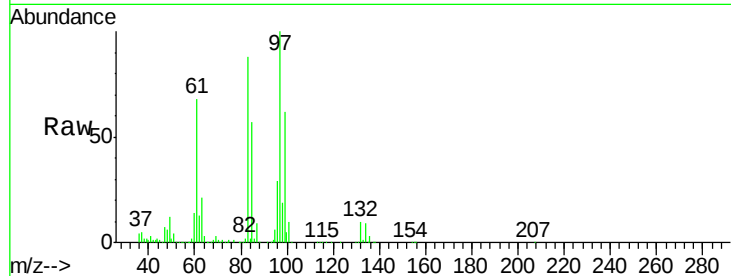
#55
 1,1,2-Trichloroethane
 Concen: 18.33 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002020.D
 Acq: 26 May 2018 15:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0526WBS02

Tgt Ion:	97	Resp:	75158
Ion	Ratio	Lower	Upper
97	100		
83	87.9	69.1	103.7
85	56.5	45.2	67.8
99	62.2	49.6	74.4

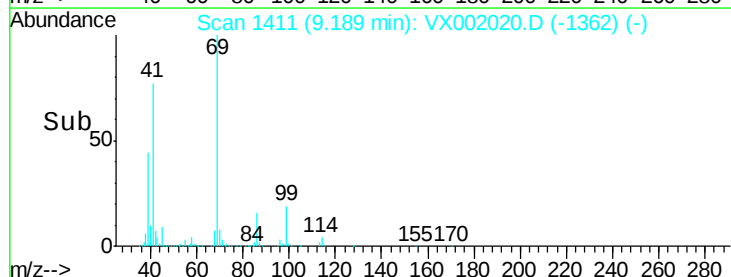
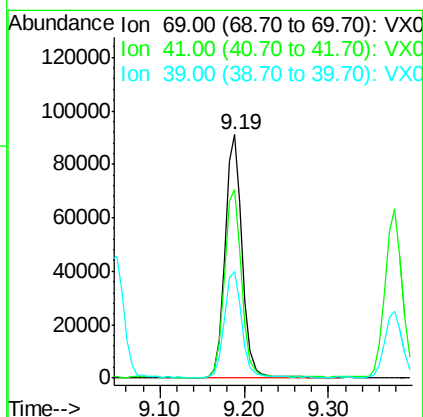
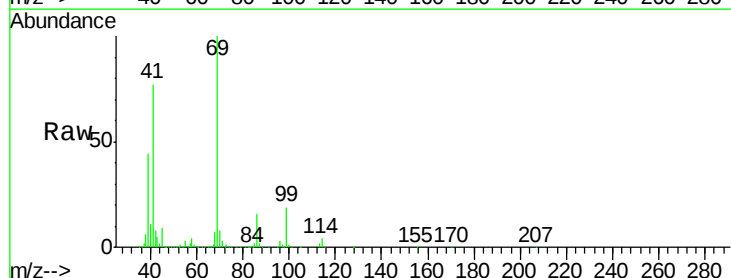
Manual Integrations
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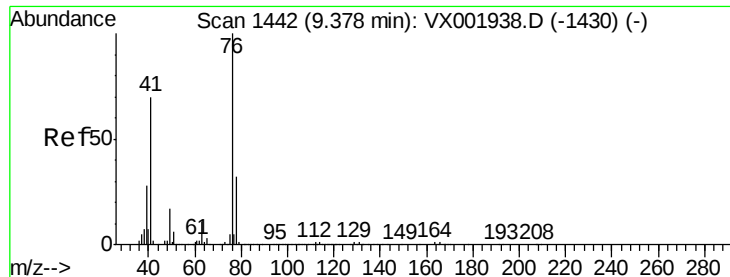
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#56
 Ethyl methacrylate
 Concen: 18.14 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX002020.D
 Acq: 26 May 2018 15:42

Tgt Ion:	69	Resp:	127920
Ion	Ratio	Lower	Upper
69	100		
41	77.5	61.0	91.6
39	43.9	34.4	51.6





#57

1,3-Dichloropropane

Concen: 18.63 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002020.D

Acq: 26 May 2018 15:42

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBS02

Tgt Ion: 76 Resp: 125880

Ion Ratio Lower Upper

76 100

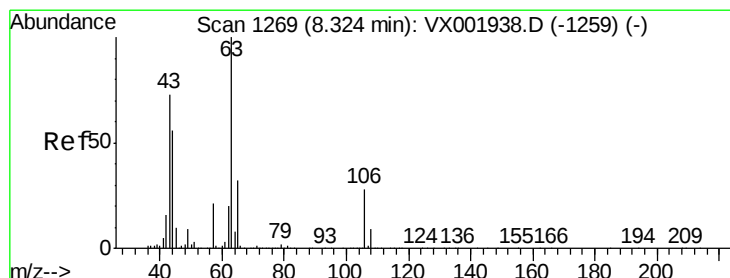
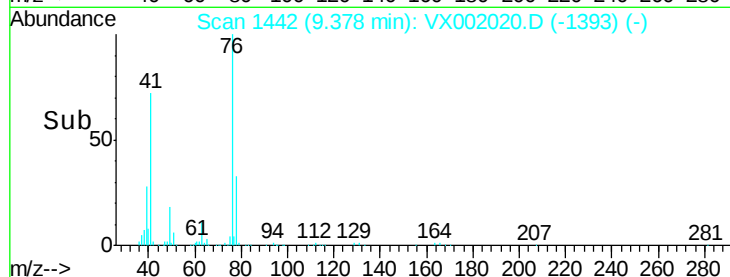
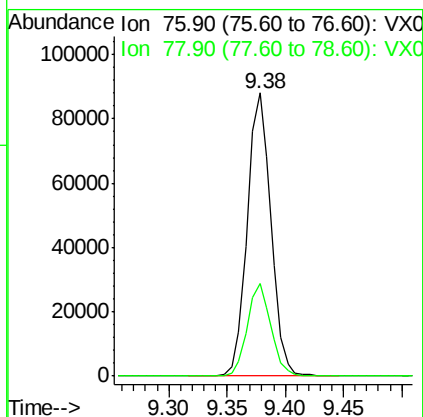
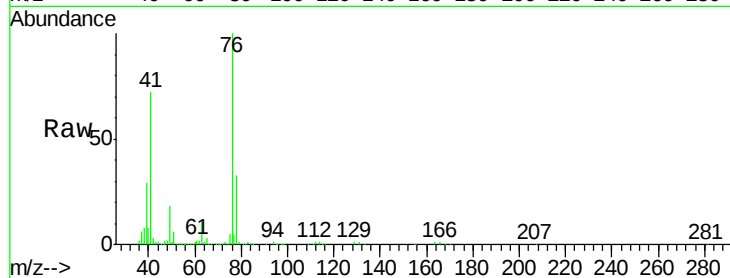
78 32.6 25.6 38.4

Manual Integrations

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5/30/2018 1:50:10 PM



#58

2-Chloroethyl Vinyl ether

Concen: 99.65 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX002020.D

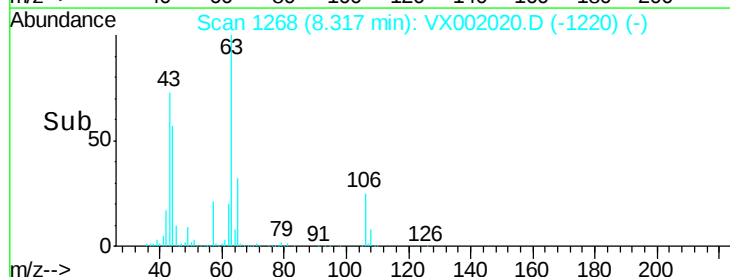
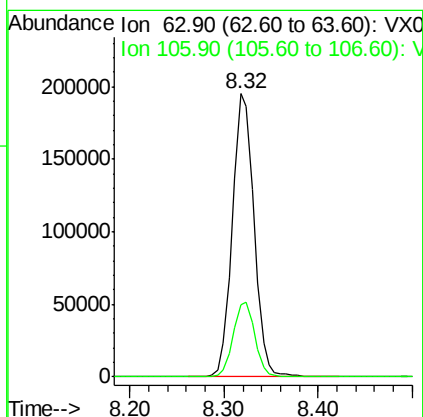
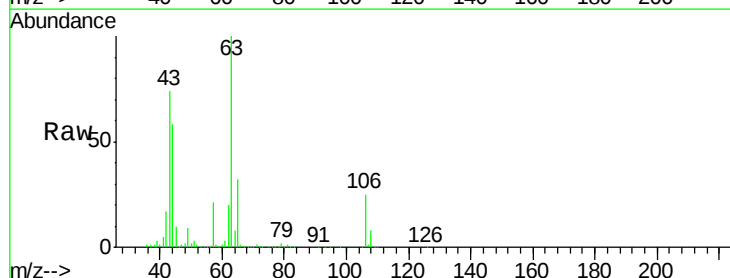
Acq: 26 May 2018 15:42

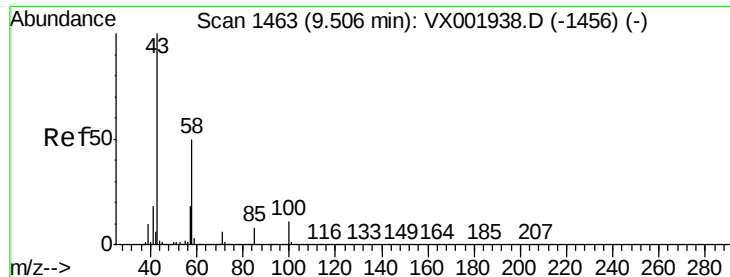
Tgt Ion: 63 Resp: 311519

Ion Ratio Lower Upper

63 100

106 26.4 21.7 32.5





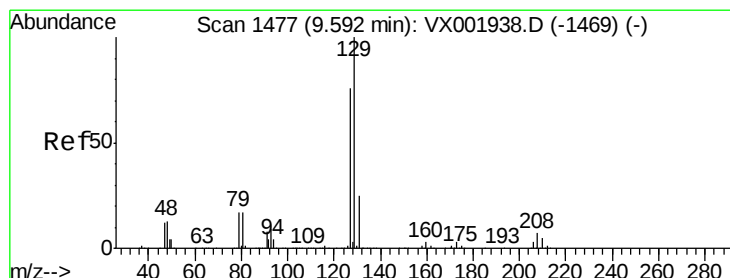
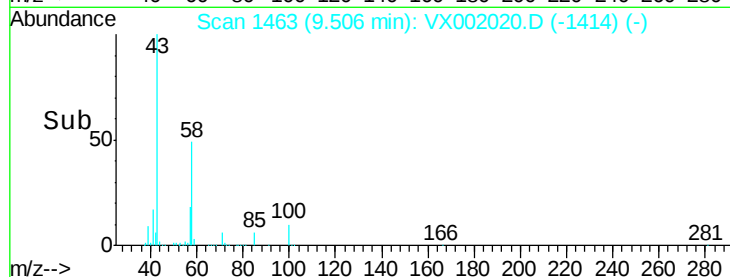
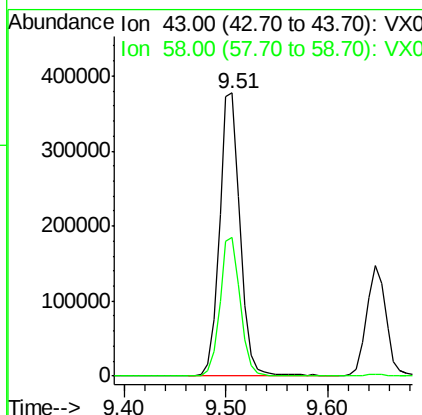
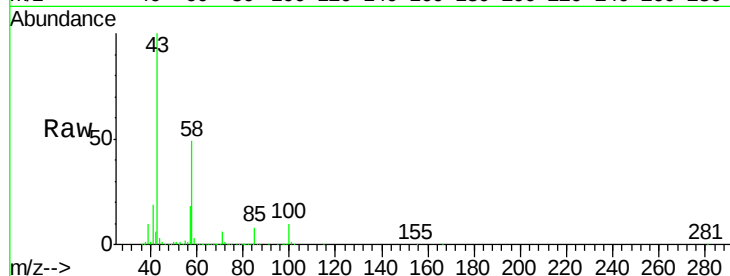
#59
2-Hexanone
Concen: 99.94 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX002020.D
Acq: 26 May 2018 15:42

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS02

Tgt Ion: 43 Resp: 531242
Ion Ratio Lower Upper
43 100
58 48.7 24.9 74.6

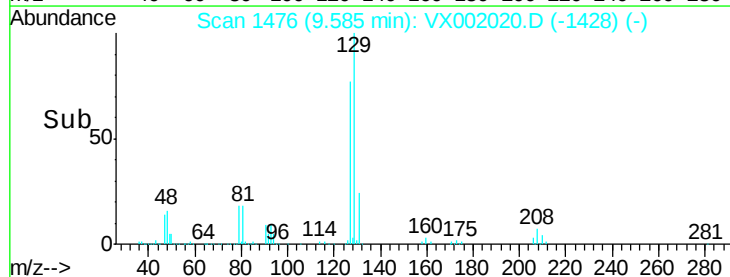
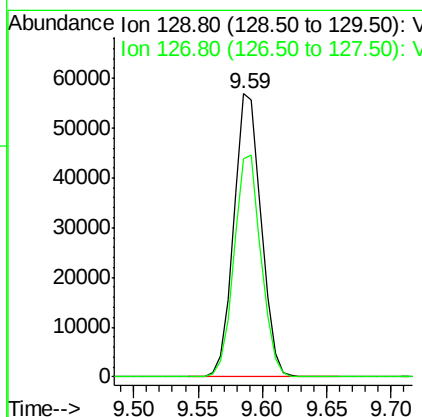
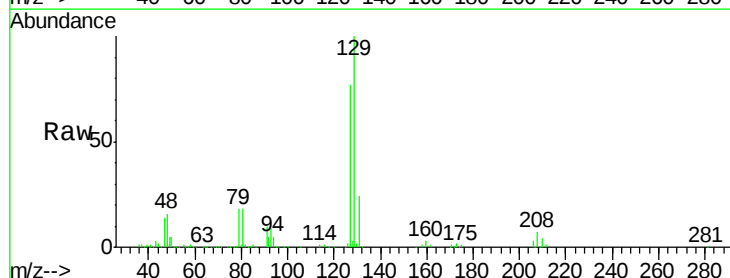
Manual Integrations
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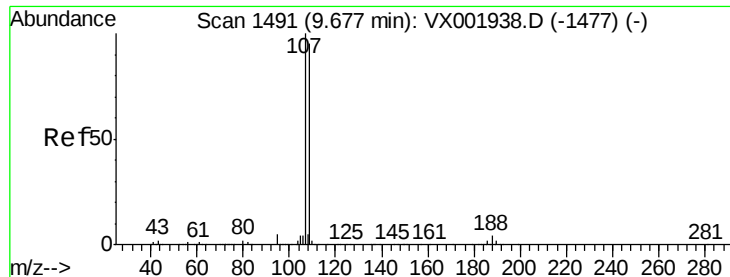
MMDadoda
5/30/2018 1:50:10 PM



#60
Dibromochloromethane
Concen: 17.30 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX002020.D
Acq: 26 May 2018 15:42

Tgt Ion: 129 Resp: 84021
Ion Ratio Lower Upper
129 100
127 77.2 38.3 114.9





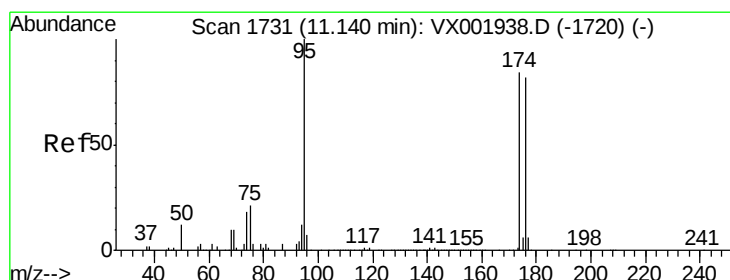
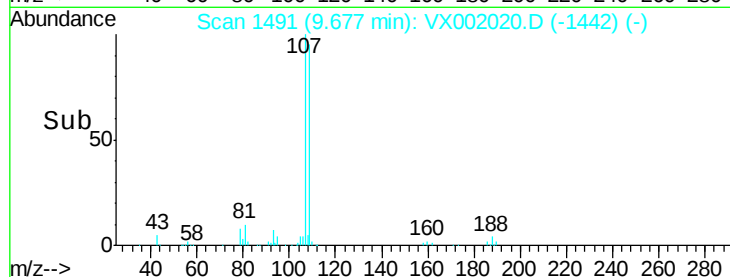
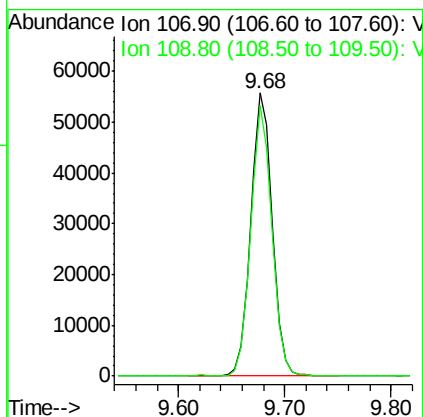
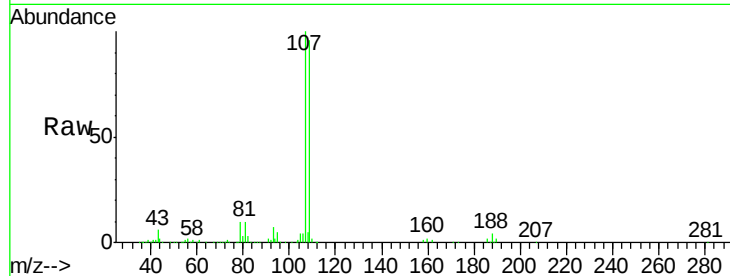
#61
 1,2-Dibromoethane
 Concen: 18.43 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX002020.D
 Acq: 26 May 2018 15:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0526WBS02

Tgt Ion: 107 Resp: 79287
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.3 112.9

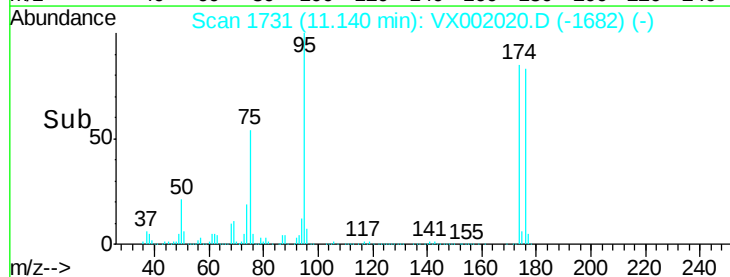
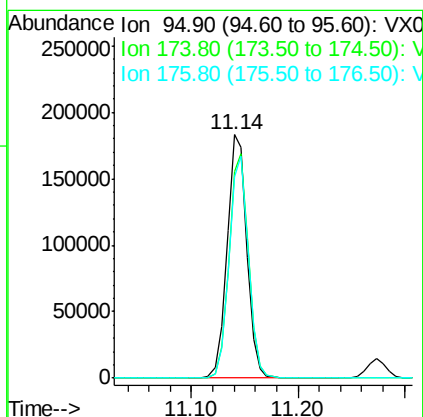
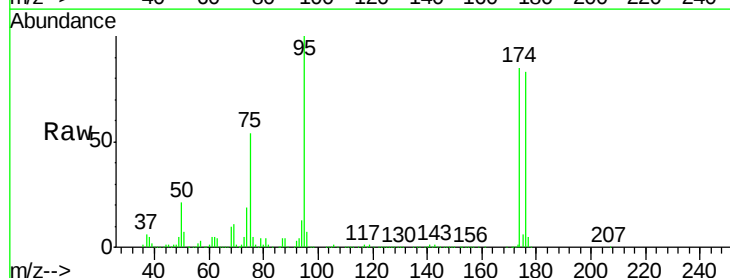
Manual Integrations
 APPROVED

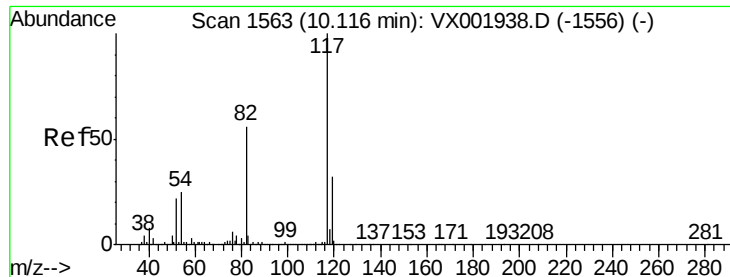
MMDadoda
 5/30/2018 1:50:10 PM



#62
 4-Bromofluorobenzene
 Concen: 44.16 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX002020.D
 Acq: 26 May 2018 15:42

Tgt Ion: 95 Resp: 236751
 Ion Ratio Lower Upper
 95 100
 174 91.2 0.0 178.8
 176 89.9 0.0 175.6





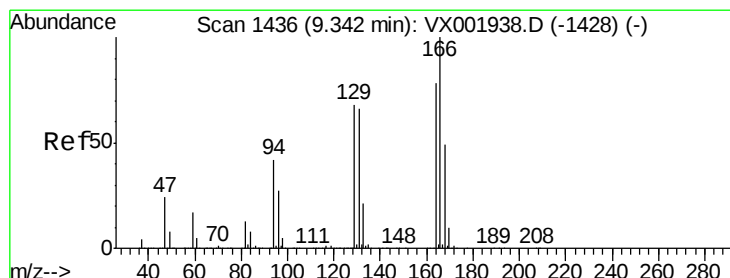
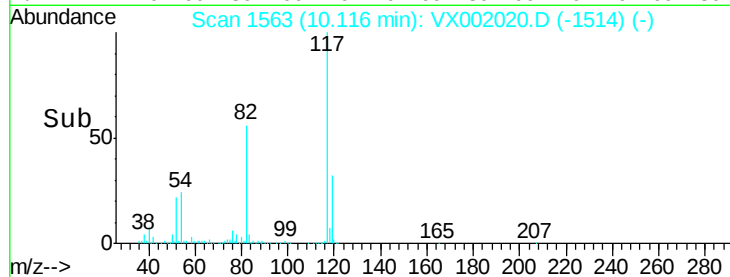
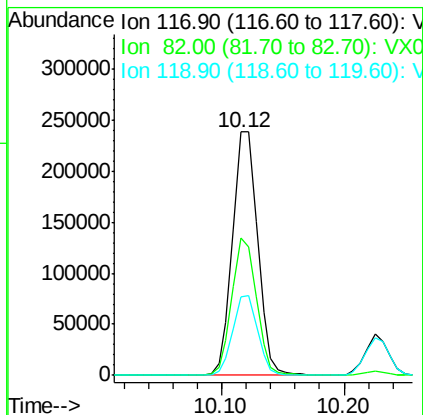
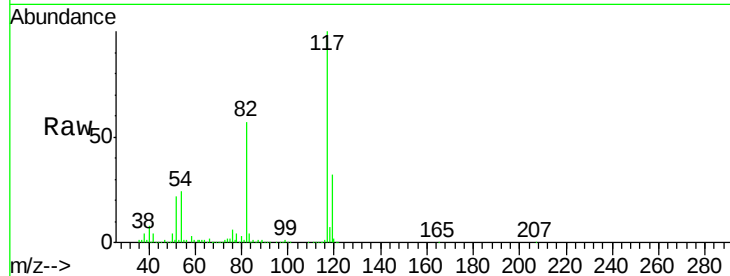
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002020.D
Acq: 26 May 2018 15:42

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	339955		
82	56.5	44.8	67.2	
119	32.4	25.5	38.3	

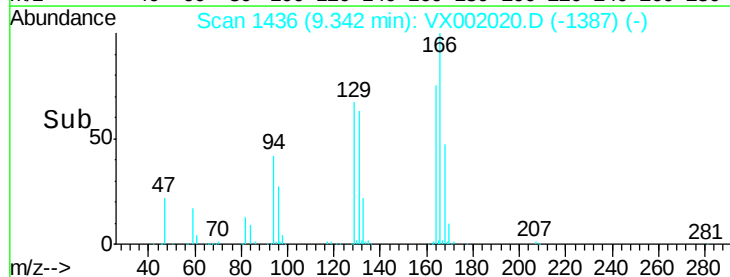
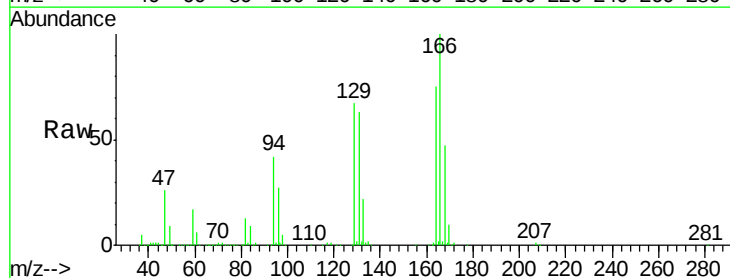
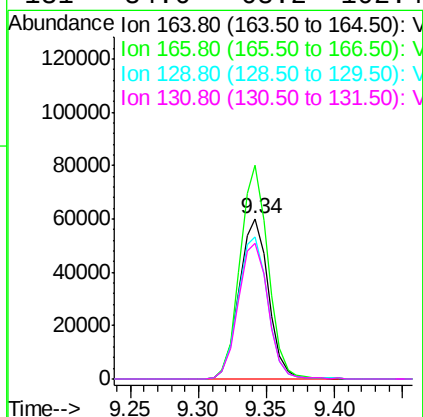
Manual Integrations
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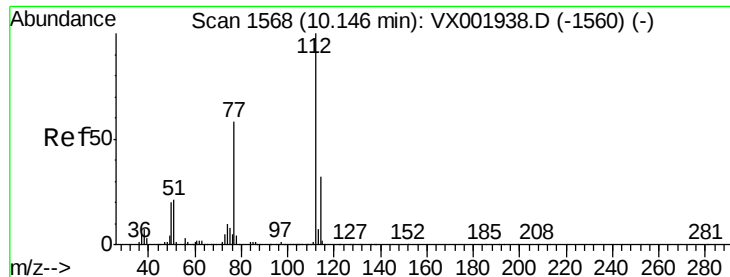
MMDadoda
5/30/2018 1:50:10 PM



#64
Tetrachloroethene
Concen: 18.60 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002020.D
Acq: 26 May 2018 15:42

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	90655		
166	133.5	102.7	154.1	
129	89.0	70.3	105.5	
131	84.6	68.2	102.4	





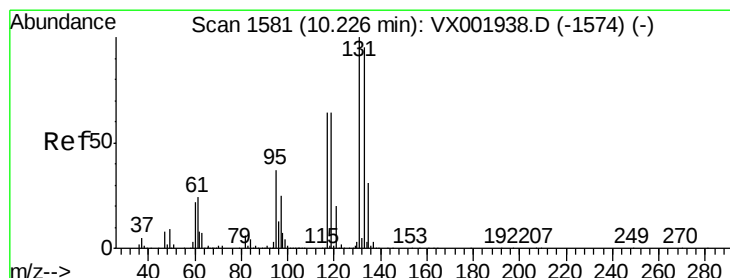
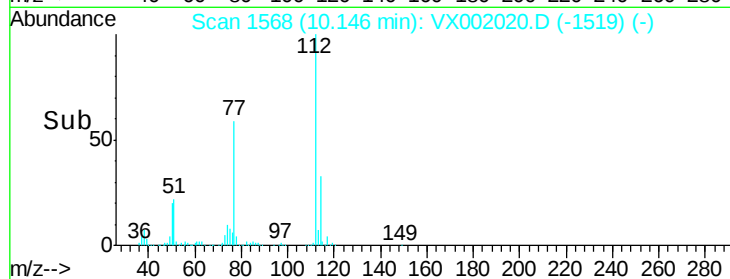
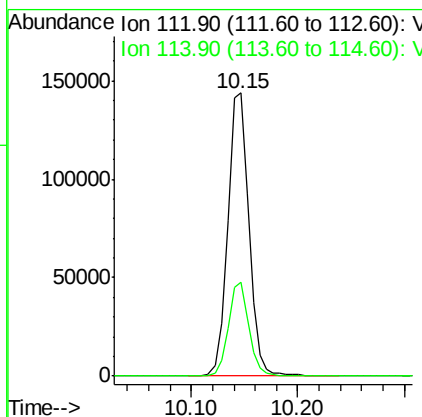
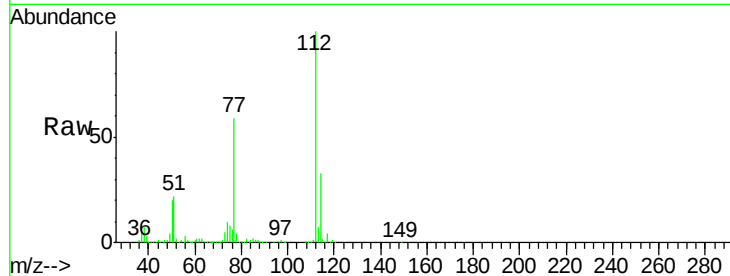
#65
Chlorobenzene
Concen: 18.65 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX002020.D
Acq: 26 May 2018 15:42

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS02

Tgt Ion	Ratio	Lower	Upper
112	100		
114	33.2	25.9	38.9

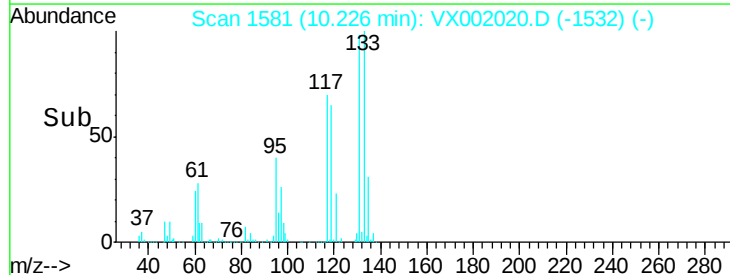
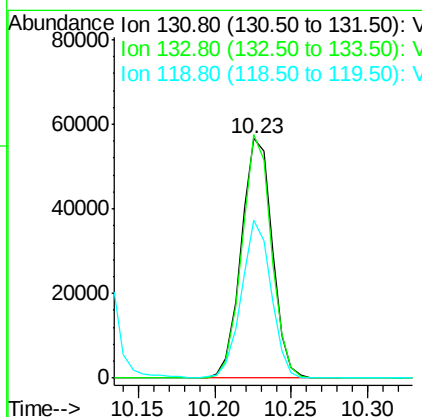
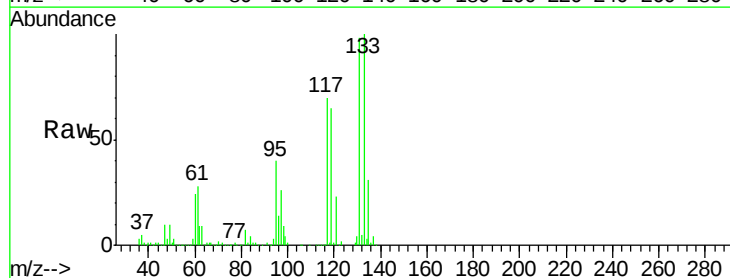
Manual Integrations
APPROVED

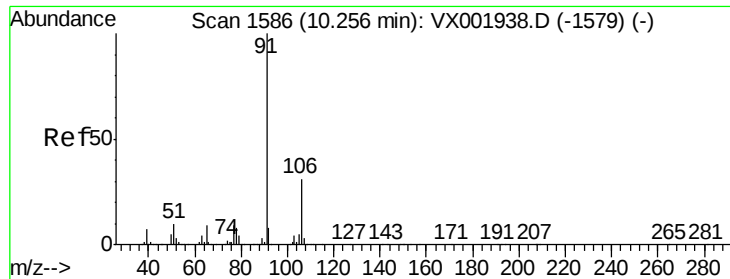
MMDadoda
5/30/2018 1:50:10 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.29 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002020.D
Acq: 26 May 2018 15:42

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.2	48.0	144.0
119	63.4	31.9	95.5





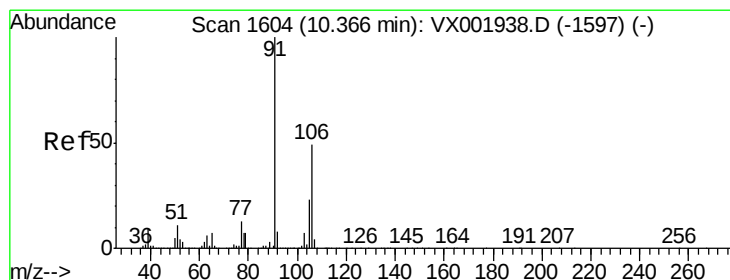
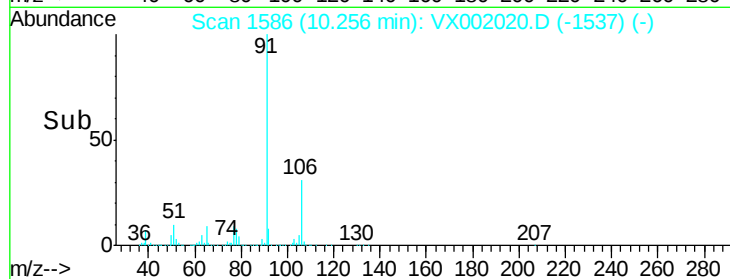
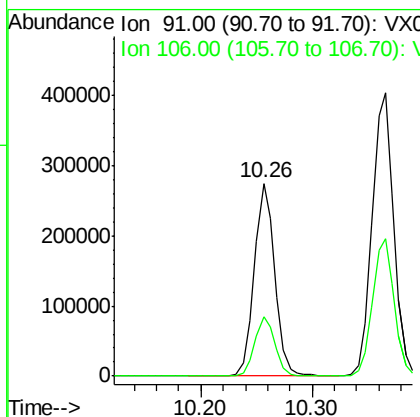
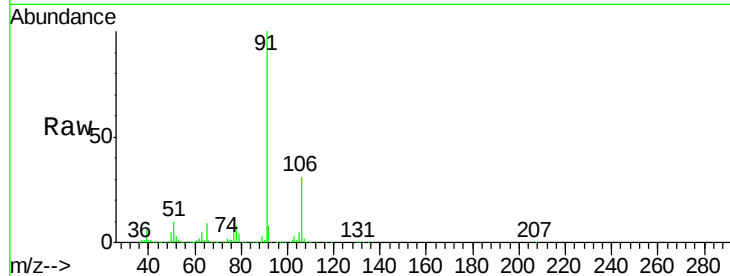
#67
Ethyl Benzene
Concen: 18.83 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002020.D
Acq: 26 May 2018 15:42

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS02

Tgt Ion: 91 Resp: 352462
Ion Ratio Lower Upper
91 100
106 31.0 25.0 37.6

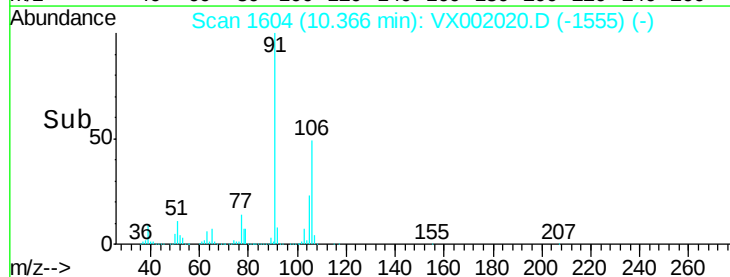
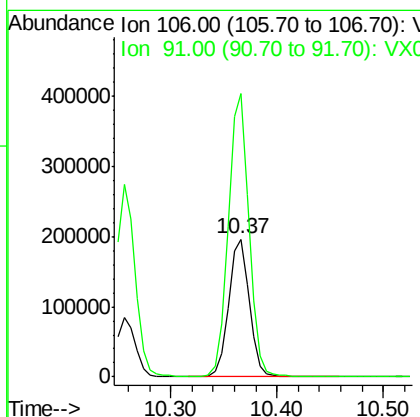
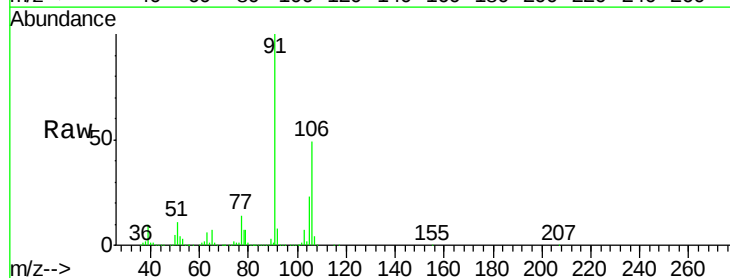
Manual Integrations
APPROVED

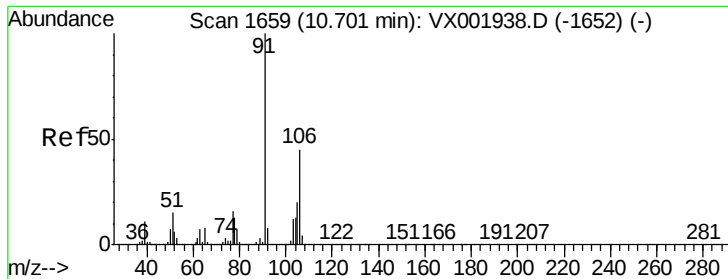
MMDadoda
5/30/2018 1:50:10 PM



#68
m/p-Xylenes
Concen: 37.33 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002020.D
Acq: 26 May 2018 15:42

Tgt Ion: 106 Resp: 267019
Ion Ratio Lower Upper
106 100
91 205.0 165.0 247.6





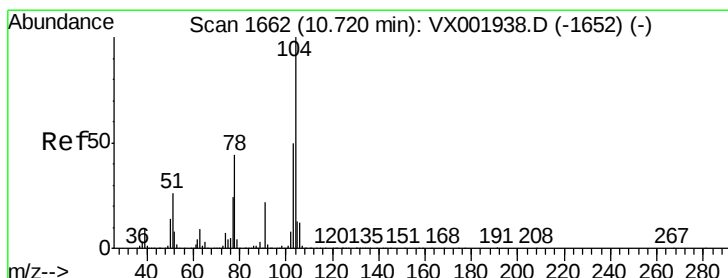
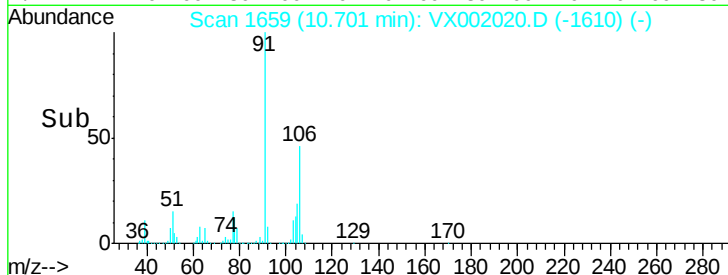
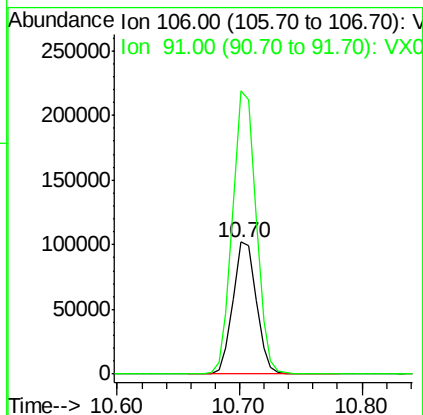
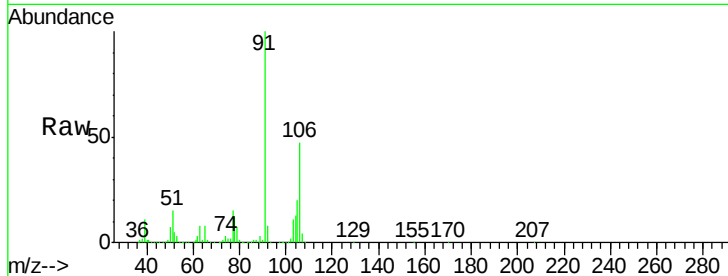
#69
o-Xylene
Concen: 18.90 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002020.D
Acq: 26 May 2018 15:42

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS02

Tgt Ion:106 Resp: 135016
Ion Ratio Lower Upper
106 100
91 216.4 108.7 325.9

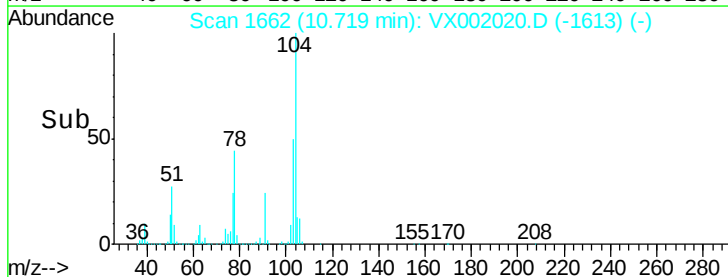
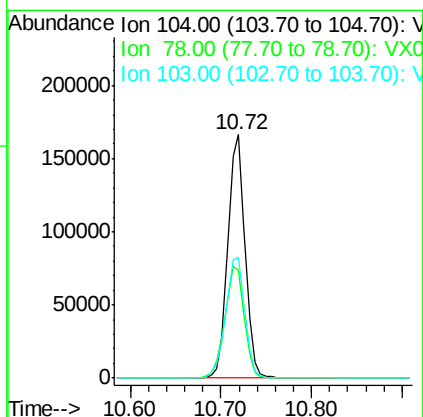
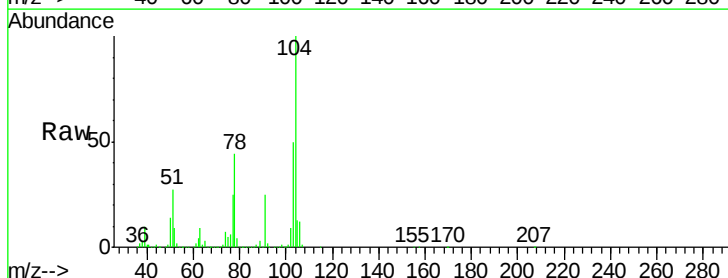
Manual Integrations
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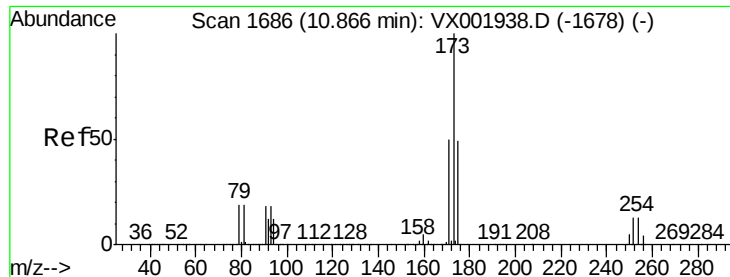
MMDadoda
5/30/2018 1:50:10 PM



#70
Styrene
Concen: 18.56 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX002020.D
Acq: 26 May 2018 15:42

Tgt Ion:104 Resp: 219877
Ion Ratio Lower Upper
104 100
78 52.2 41.8 62.6
103 55.6 44.6 67.0





#71

Bromoform

Concen: 16.83 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX002020.D

Acq: 26 May 2018 15:42

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBS02

Tgt Ion:173 Resp: 69426

Ion Ratio Lower Upper

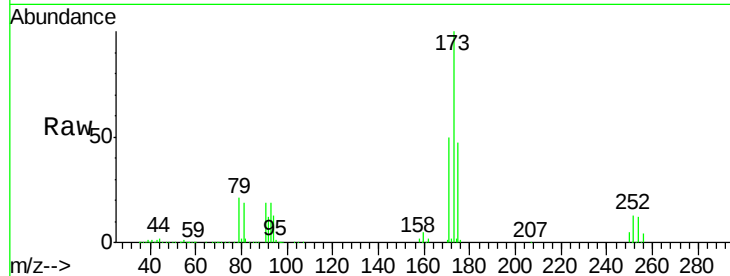
173 100

175 49.0 24.3 72.9

254 0.1 0.1 0.1#

Manual Integrations
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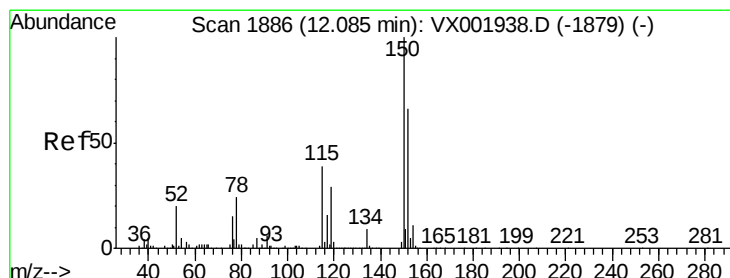
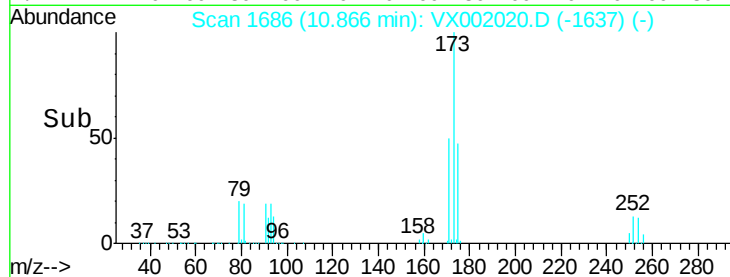
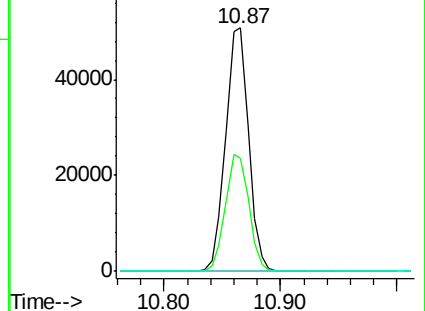
MMDadoda
5/30/2018 1:50:10 PM



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: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002020.D

Acq: 26 May 2018 15:42

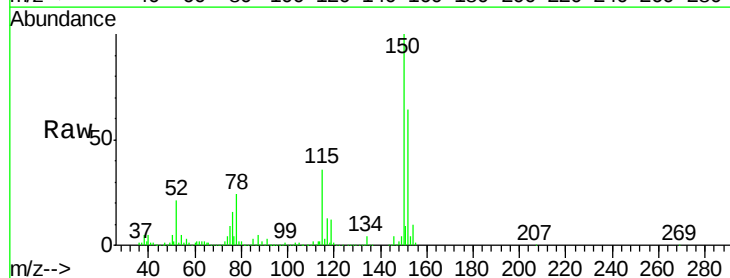
Tgt Ion:152 Resp: 221843

Ion Ratio Lower Upper

152 100

115 67.0 42.3 126.8

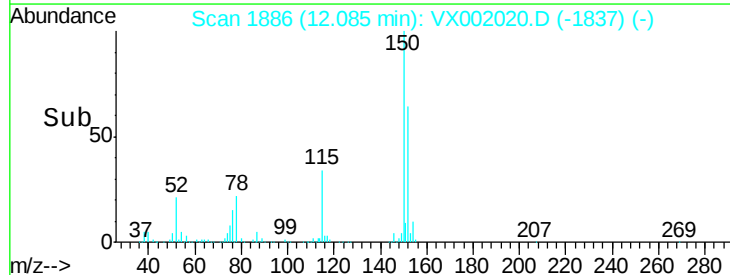
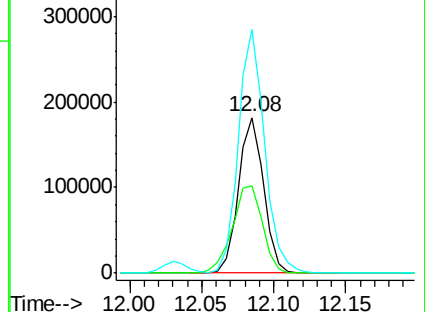
150 163.4 0.0 351.0

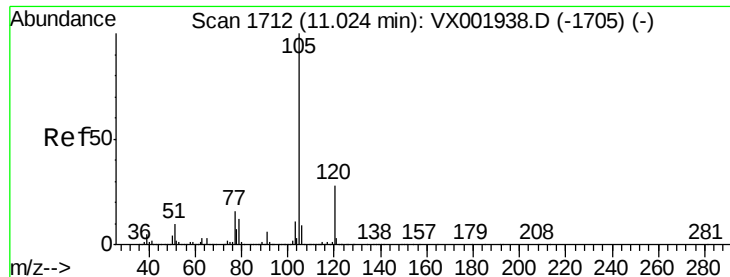


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.27 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002020.D

Acq: 26 May 2018 15:42

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBS02

Tgt Ion: 105 Resp: 361990

Ion Ratio Lower Upper

105 100

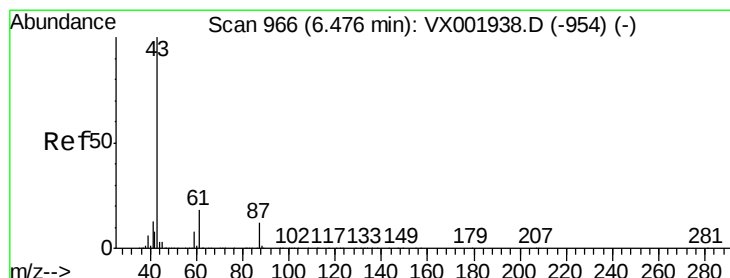
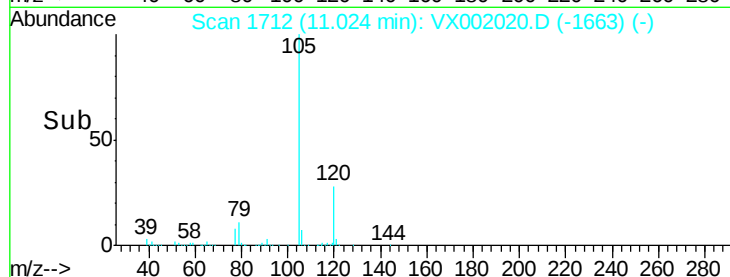
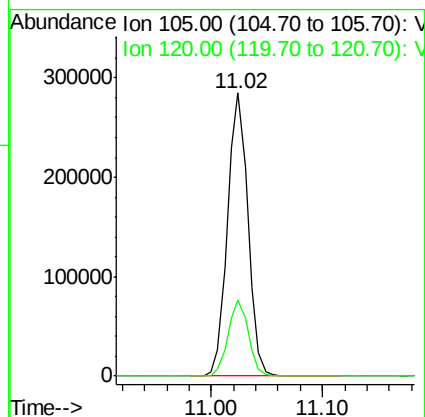
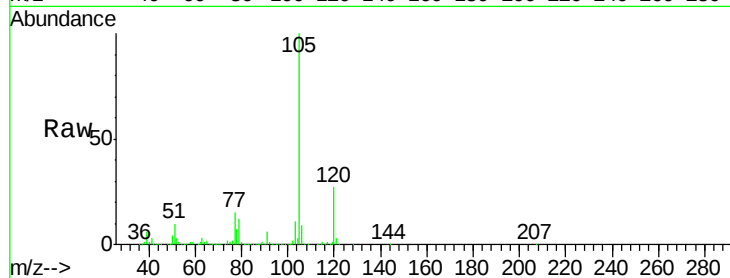
120 26.5 13.6 40.7

Manual Integrations

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MMDadoda

5/30/2018 1:50:10 PM



#74

N-ethyl acetate

Concen: 20.14 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX002020.D

Acq: 26 May 2018 15:42

Tgt Ion: 43 Resp: 214620

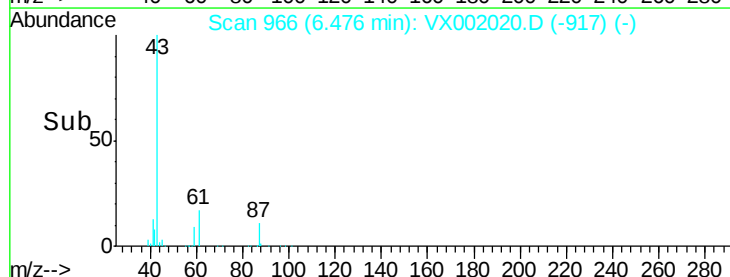
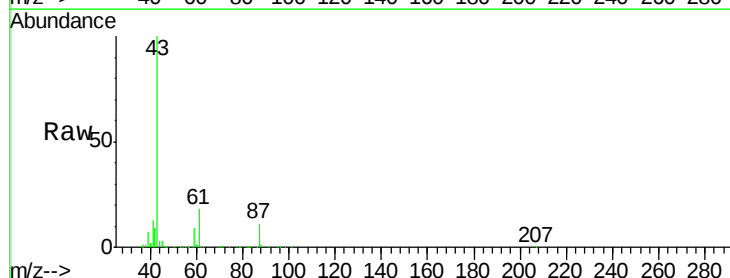
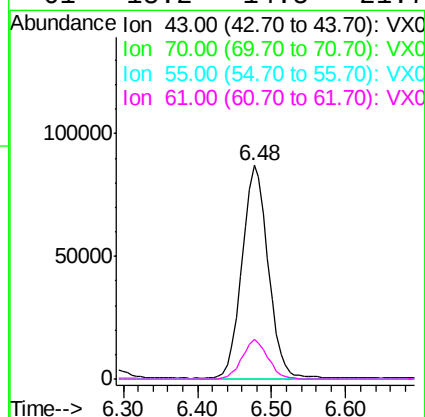
Ion Ratio Lower Upper

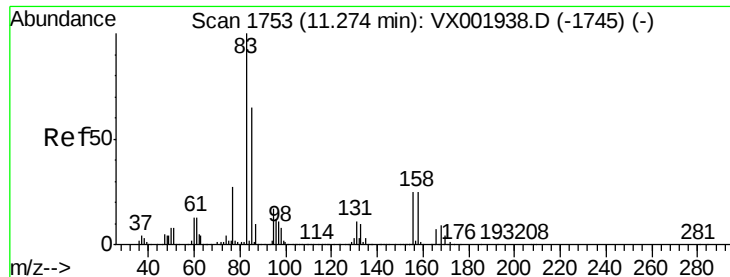
43 100

70 0.1 0.1 0.1

55 0.0 0.1 0.1#

61 18.2 14.5 21.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.59 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002020.D

Acq: 26 May 2018 15:42

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBS02

Tgt Ion: 83 Resp: 109642

Ion Ratio Lower Upper

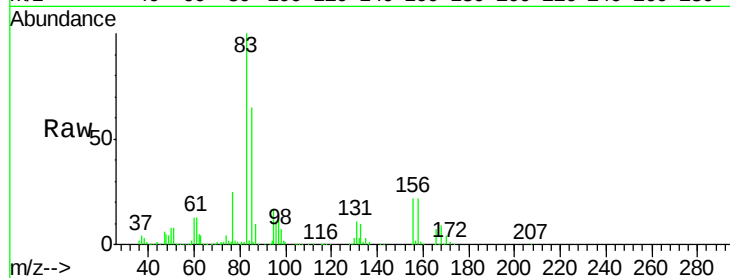
83 100

131 11.0 5.7 17.0

85 65.0 32.6 97.7

Manual Integrations
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MMDadoda
5/30/2018 1:50:10 PM



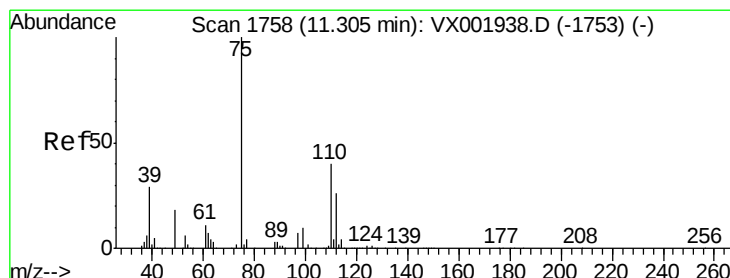
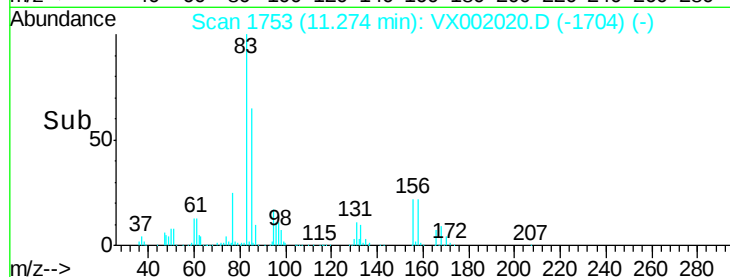
Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0

11.27

Time-->



#76

1,2,3-Trichloropropane

Concen: 21.82 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX002020.D

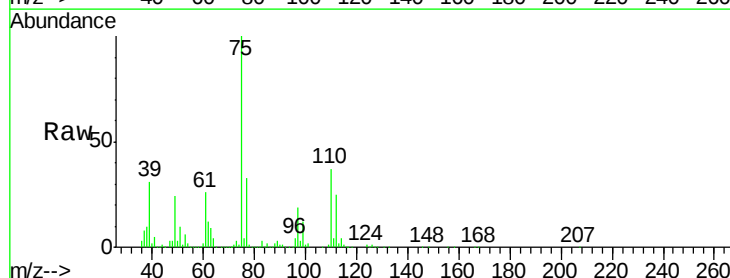
Acq: 26 May 2018 15:42

Tgt Ion: 75 Resp: 116250

Ion Ratio Lower Upper

75 100

77 37.7 22.8 68.3

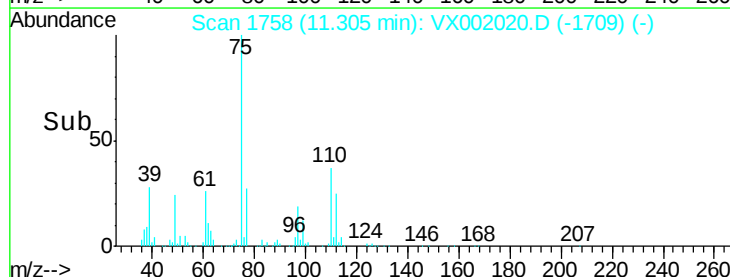


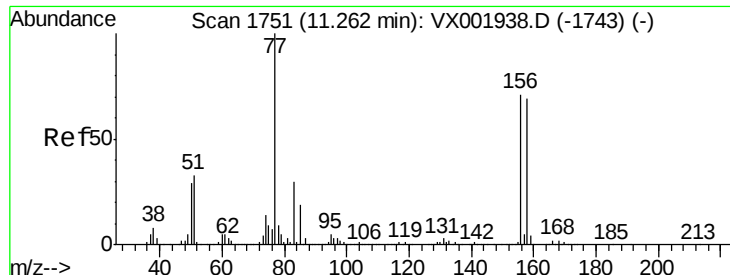
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.30

Time-->





#77

Bromobenzene

Concen: 19.02 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002020.D

Acq: 26 May 2018 15:42

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBS02

Tgt Ion:156 Resp: 94796

Ion Ratio Lower Upper

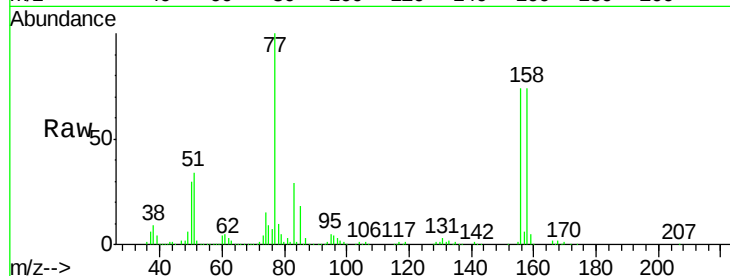
156 100

77 146.5 75.2 225.6

158 98.3 48.6 145.8

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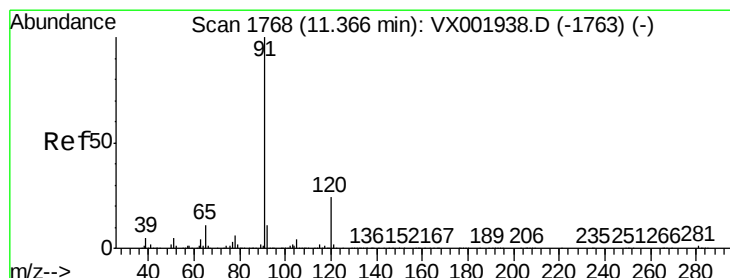
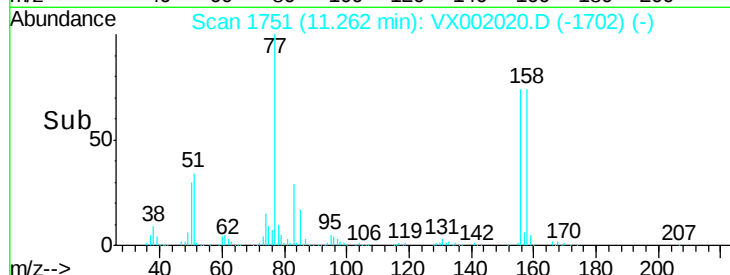
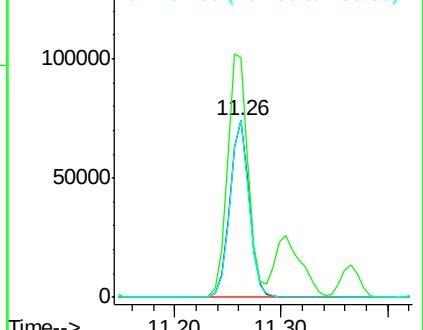
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.97 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002020.D

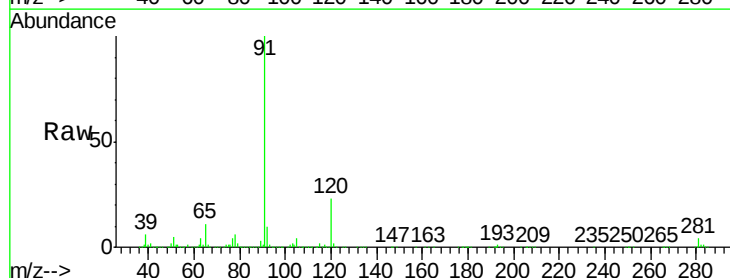
Acq: 26 May 2018 15:42

Tgt Ion: 91 Resp: 399095

Ion Ratio Lower Upper

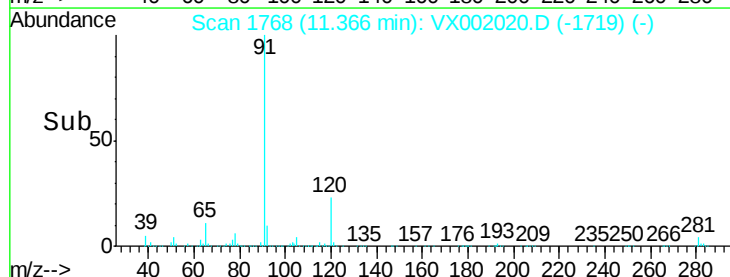
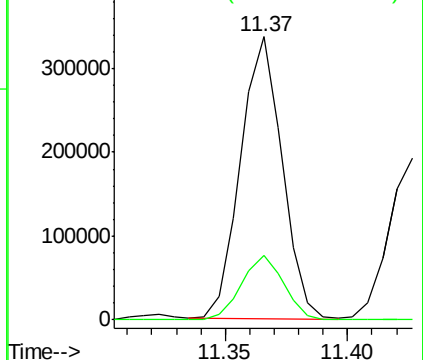
91 100

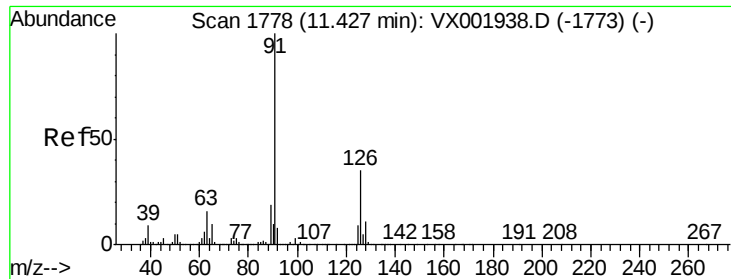
120 23.4 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.69 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002020.D

Acq: 26 May 2018 15:42

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBS02

Tgt Ion: 91 Resp: 243427

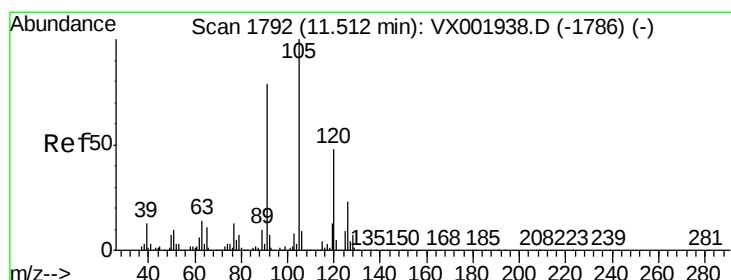
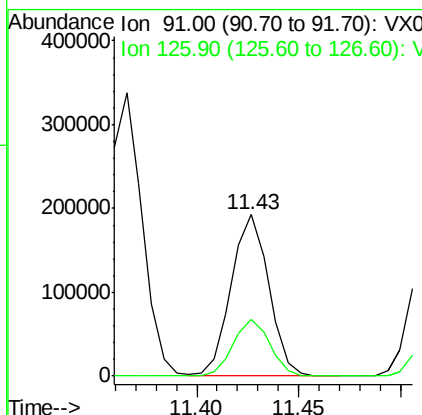
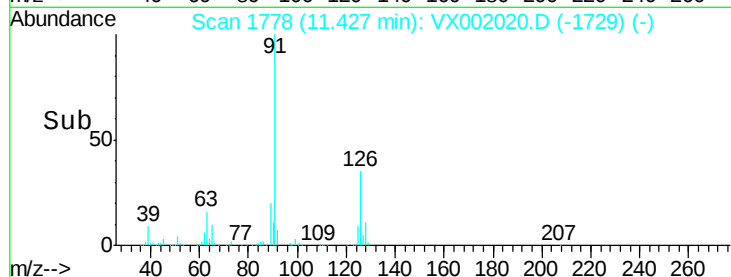
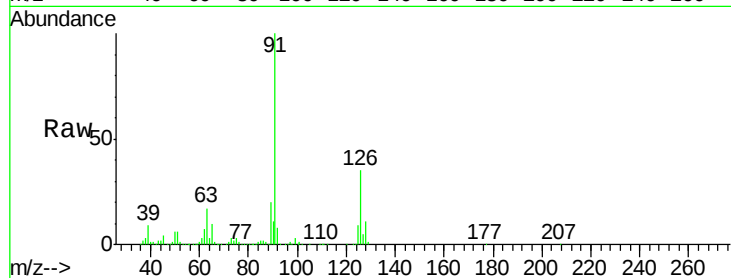
Ion Ratio Lower Upper

91 100

126 34.9 17.4 52.2

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#80

1,3,5-Trimethylbenzene

Concen: 18.88 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002020.D

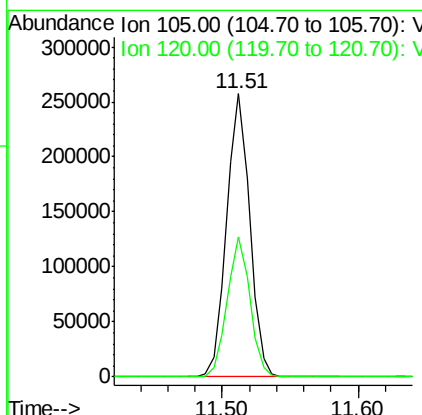
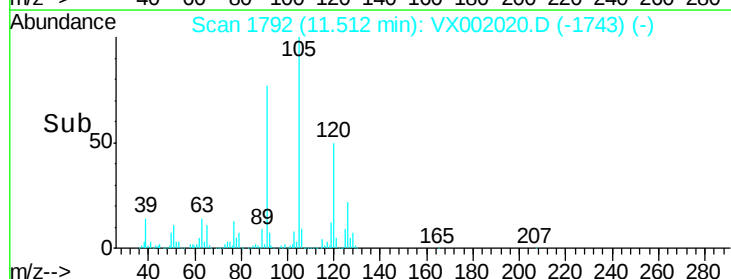
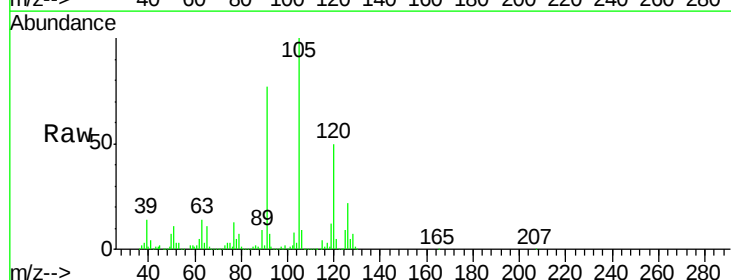
Acq: 26 May 2018 15:42

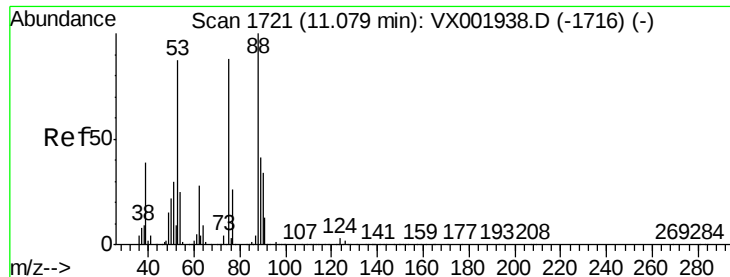
Tgt Ion: 105 Resp: 303094

Ion Ratio Lower Upper

105 100

120 48.8 24.1 72.4





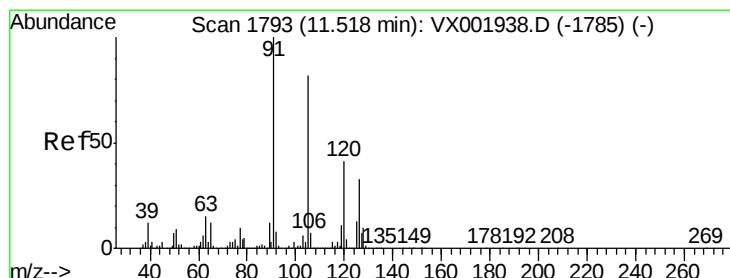
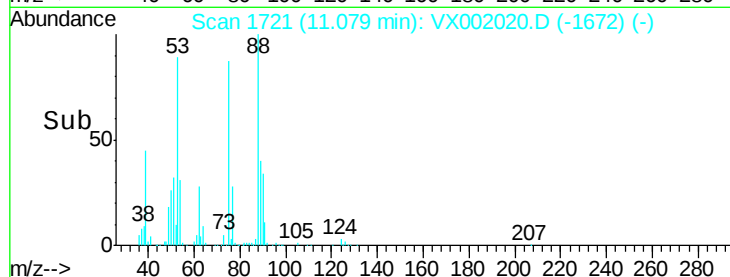
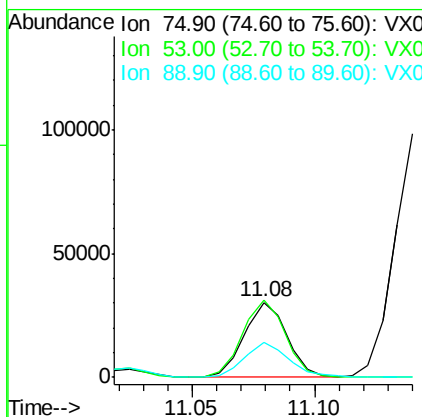
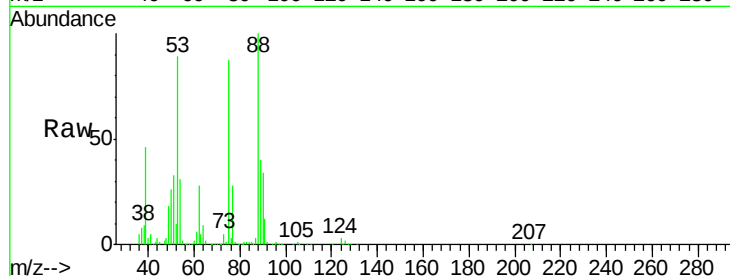
#81
trans-1,4-Dichloro-2-butene
Concen: 16.52 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX002020.D
Acq: 26 May 2018 15:42

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS02

Tgt Ion	Ratio	Lower	Upper
75	100		
53	102.8	78.0	117.0
89	49.3	39.4	59.2

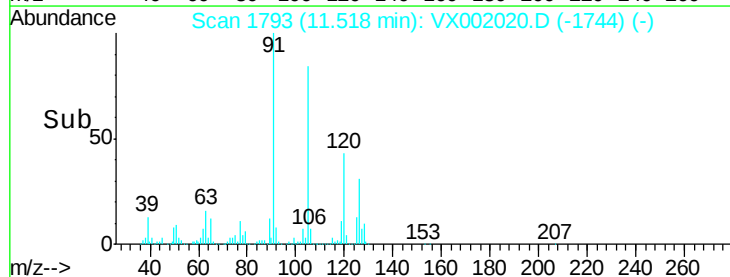
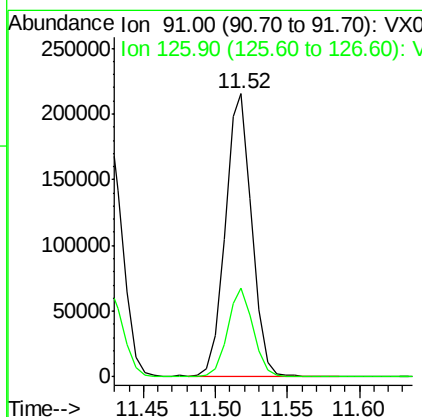
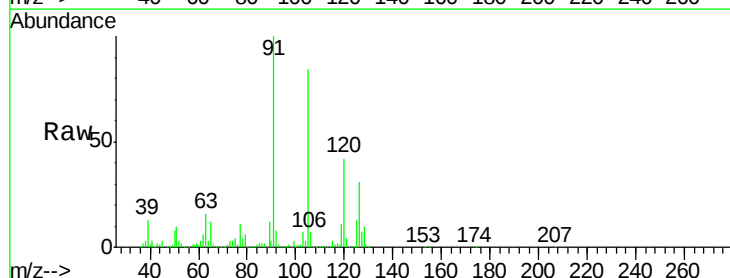
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#82
4-Chlorotoluene
Concen: 18.66 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX002020.D
Acq: 26 May 2018 15:42

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.3	45.8





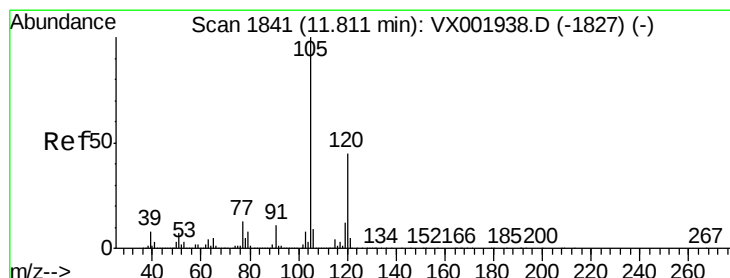
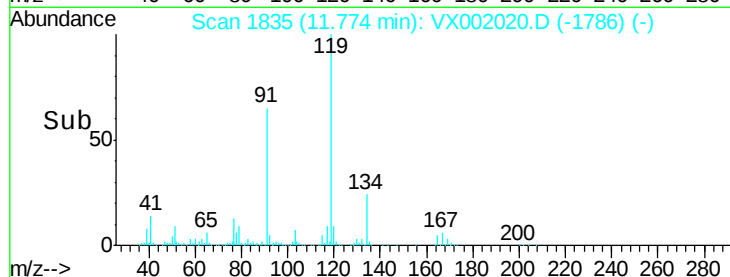
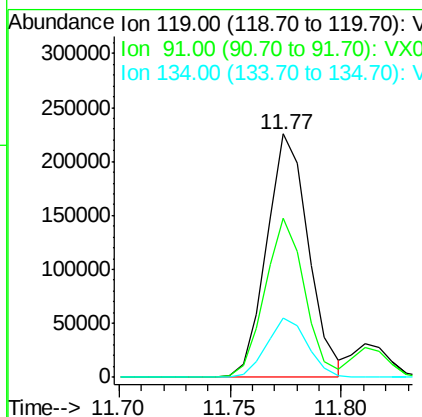
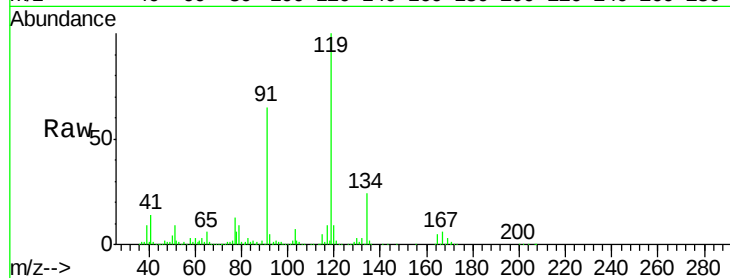
#83
 tert-Butylbenzene
 Concen: 18.62 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002020.D
 Acq: 26 May 2018 15:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0526WBS02

Tgt Ion	Ratio	Resp Lower	Resp Upper
119	100		
91	61.9	30.6	91.8
134	23.8	11.7	35.0

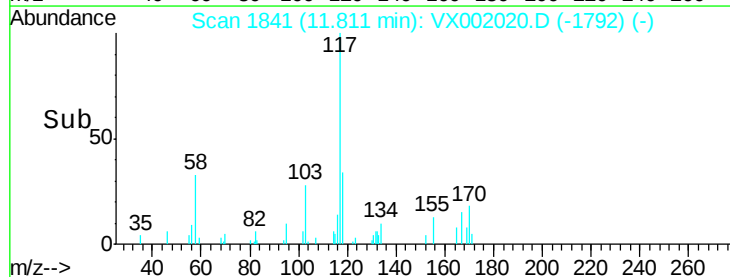
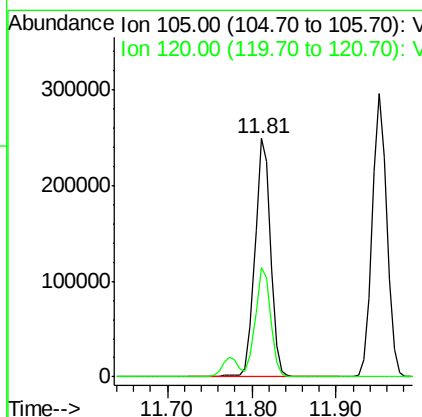
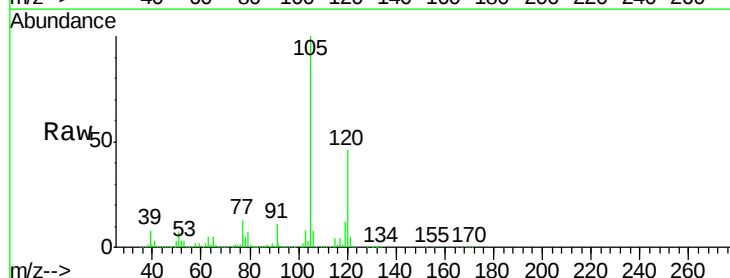
Manual Integrations
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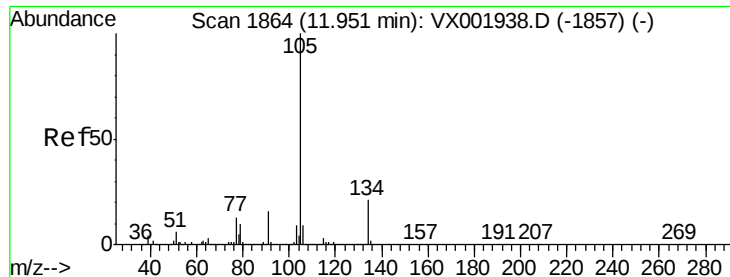
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.71 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002020.D
 Acq: 26 May 2018 15:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
120	44.9	22.1	66.5





#85

sec-Butylbenzene

Concen: 18.94 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002020.D

Acq: 26 May 2018 15:42

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBS02

Tgt Ion:105 Resp: 358676

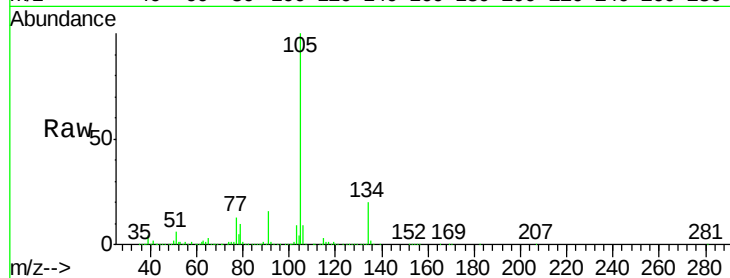
Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.4

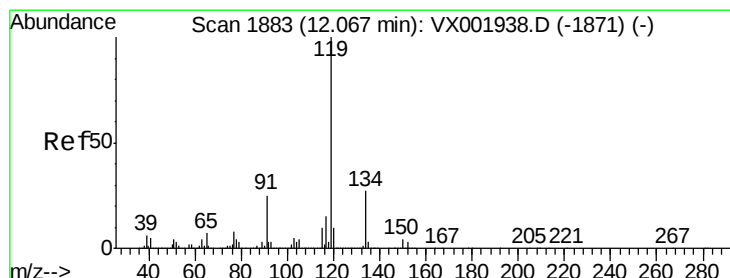
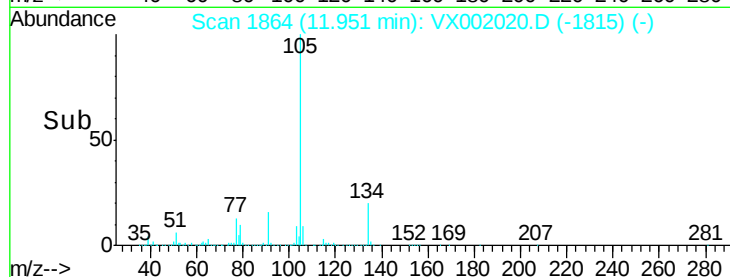
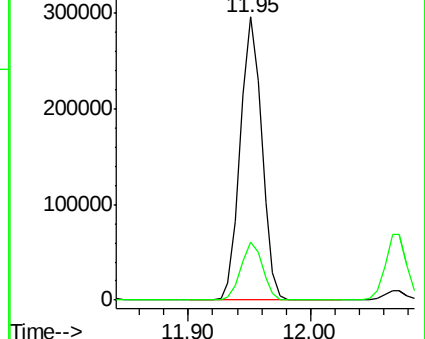
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.87 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002020.D

Acq: 26 May 2018 15:42

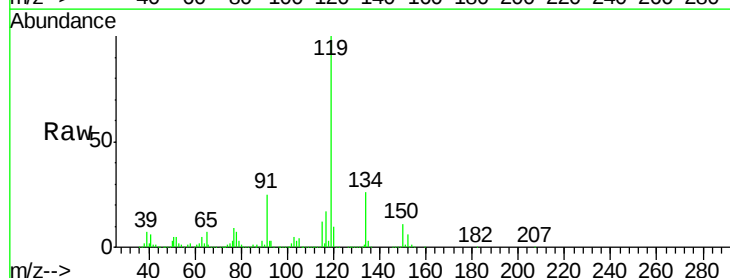
Tgt Ion:119 Resp: 319827

Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.8

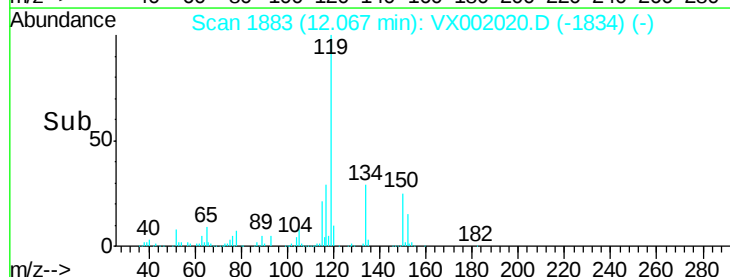
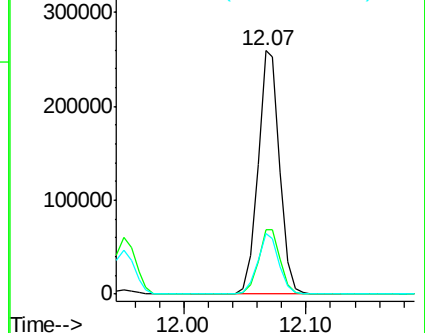
91 24.4 12.2 36.4

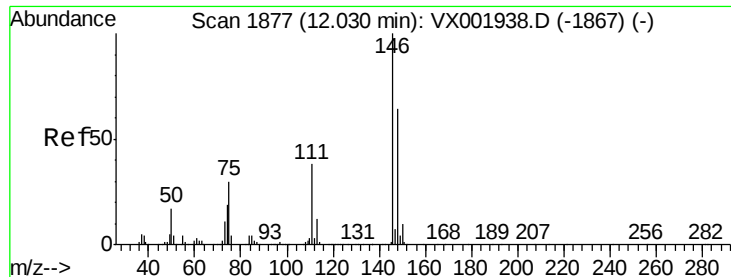


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





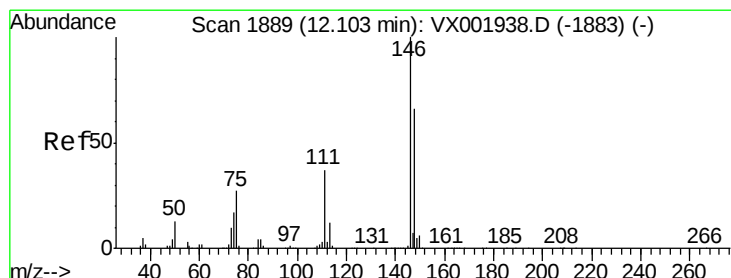
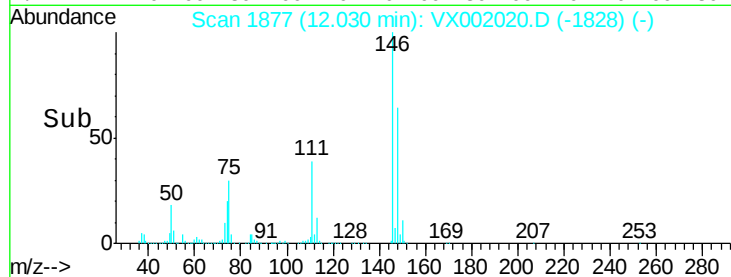
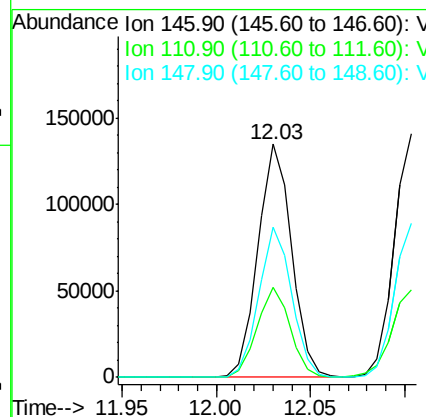
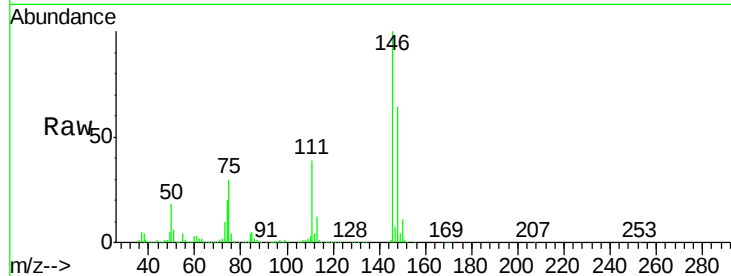
#87
 1,3-Dichlorobenzene
 Concen: 18.64 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002020.D
 Acq: 26 May 2018 15:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0526WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	166380		
111	38.2	19.3	57.8	
148	63.3	32.1	96.3	

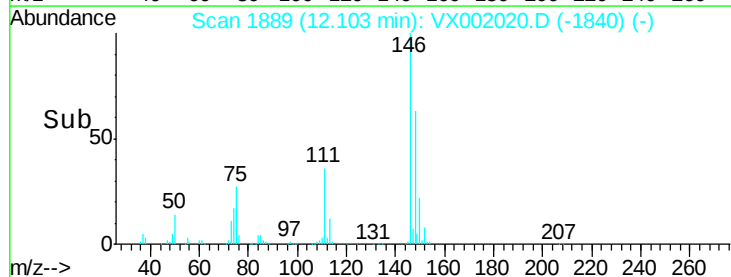
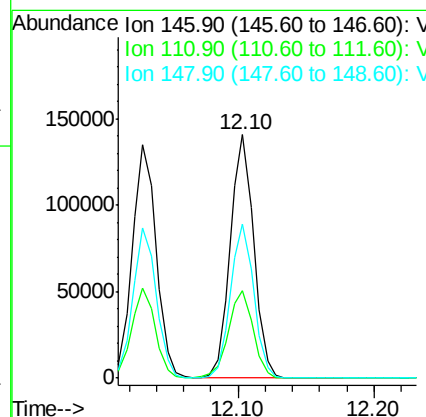
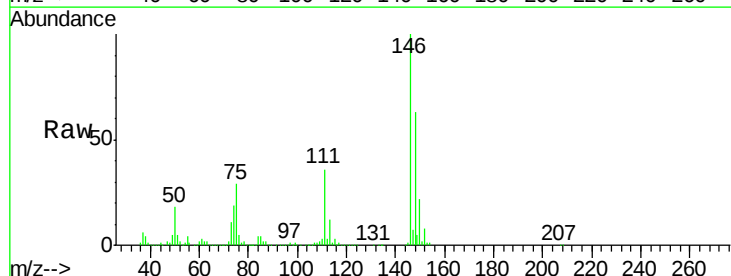
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#88
 1,4-Dichlorobenzene
 Concen: 18.85 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002020.D
 Acq: 26 May 2018 15:42

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	168200		
111	38.1	18.9	56.5	
148	63.2	32.3	96.8	





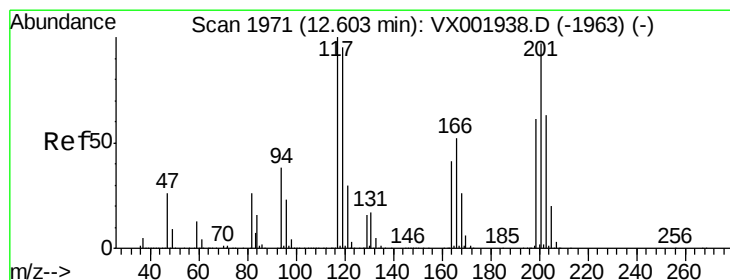
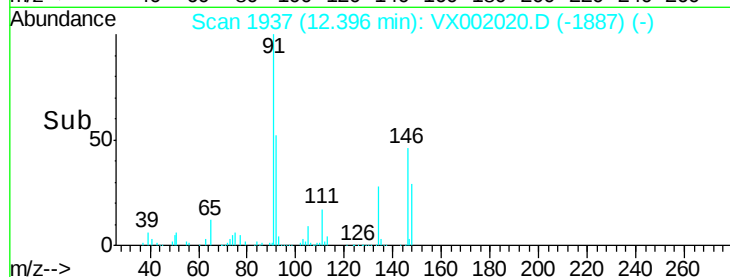
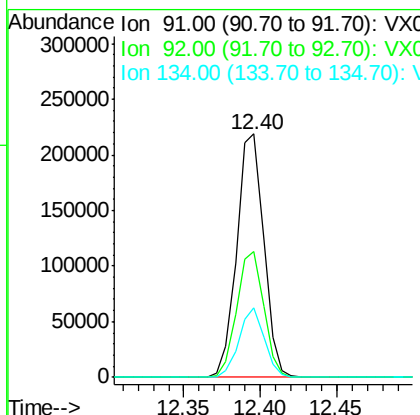
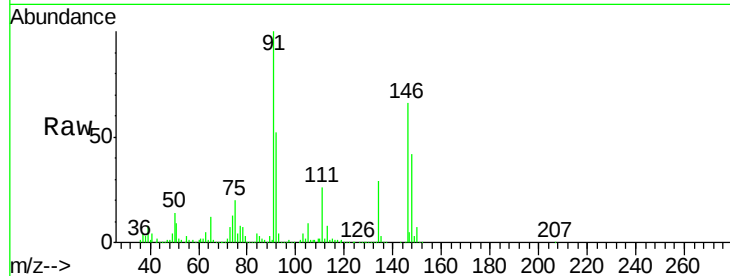
#89
n-Butylbenzene
Concen: 18.68 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.01 min
Lab File: VX002020.D
Acq: 26 May 2018 15:42

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS02

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.3	78.9
134	26.9	13.6	40.7

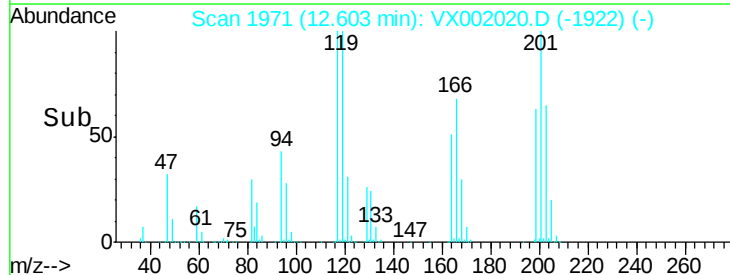
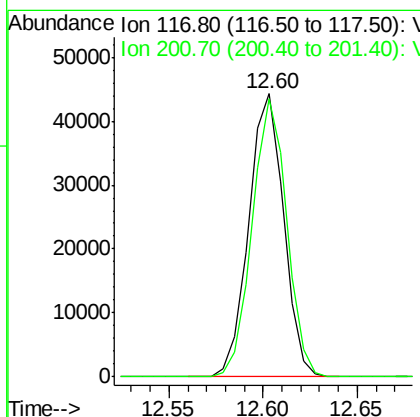
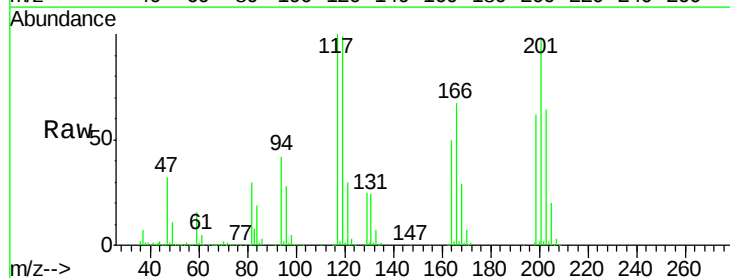
Manual Integrations
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#90
Hexachloroethane
Concen: 17.01 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002020.D
Acq: 26 May 2018 15:42

Tgt Ion	Ratio	Lower	Upper
117	100		
201	97.2	48.0	144.0





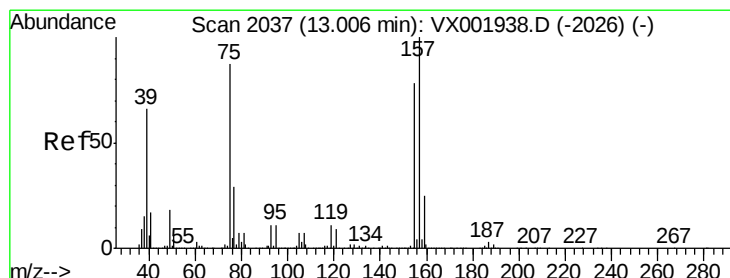
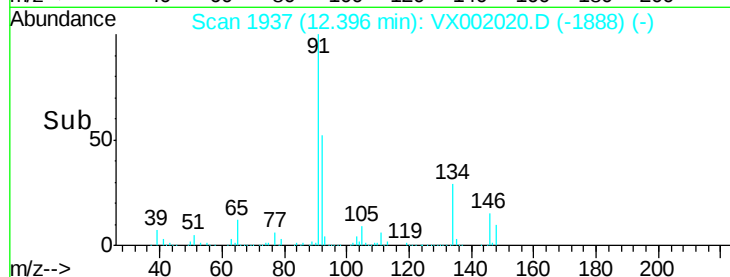
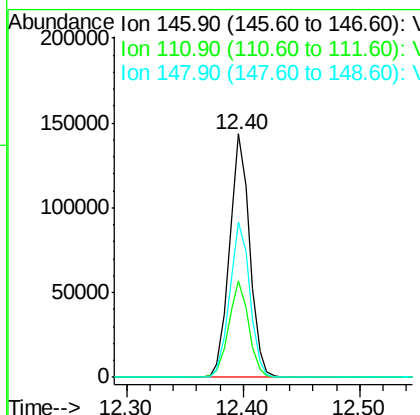
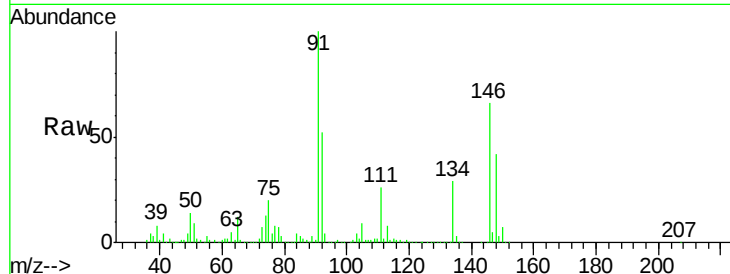
#91
 1,2-Dichlorobenzene
 Concen: 18.90 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002020.D
 Acq: 26 May 2018 15:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0526WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	171920		
111	39.1	19.8	59.3	
148	64.4	32.1	96.5	

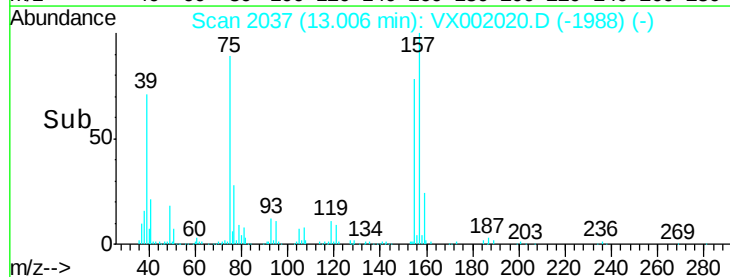
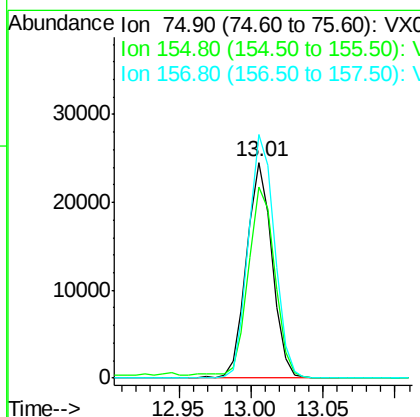
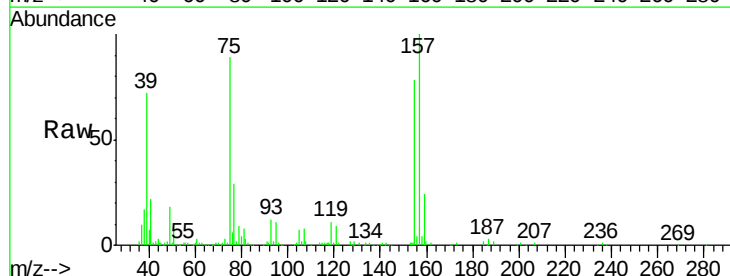
Manual Integrations
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 5/30/2018 1:50:10 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.98 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002020.D
 Acq: 26 May 2018 15:42

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	30029		
155	92.7	45.1	135.2	
157	115.5	58.1	174.2	





#93

1,2,4-Trichlorobenzene

Concen: 18.28 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX002020.D

Acq: 26 May 2018 15:42

Instrument :

MSVOA_X

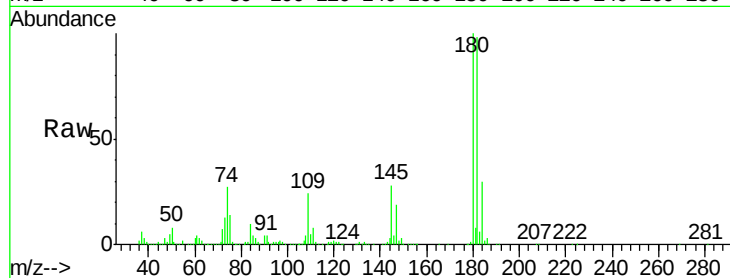
ClientSampleId :

VX0526WBS02

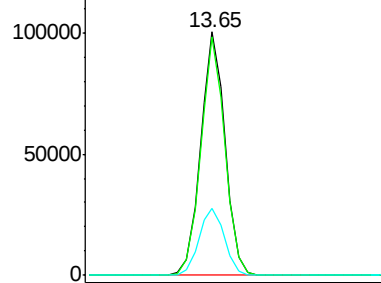
Tgt Ion:	180	Resp:	118904
Ion Ratio	Lower	Upper	
180	100		
182	96.8	47.7	143.1
145	28.8	14.4	43.0

Manual Integrations
APPROVED

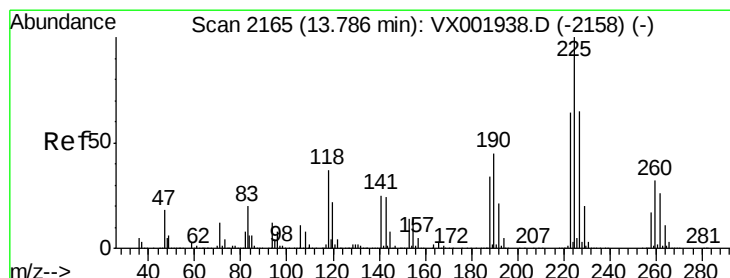
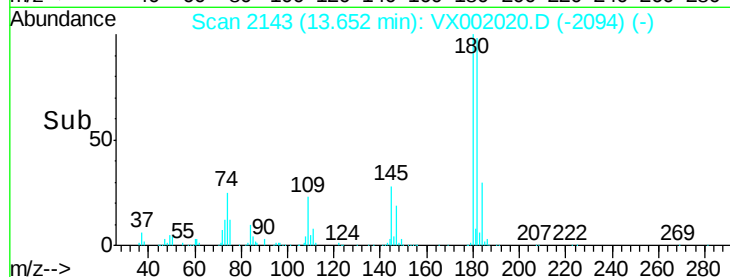
MMDadoda
5/30/2018 1:50:10 PM



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



Time-->



#94

Hexachlorobutadiene

Concen: 18.26 ug/l

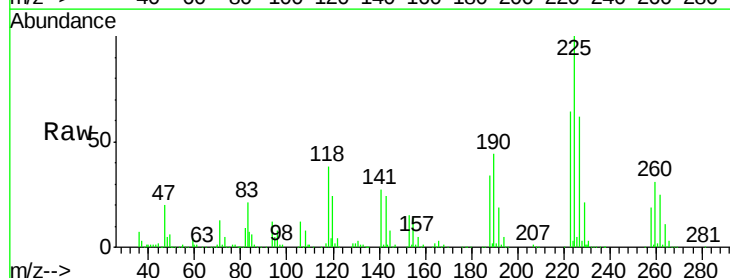
RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

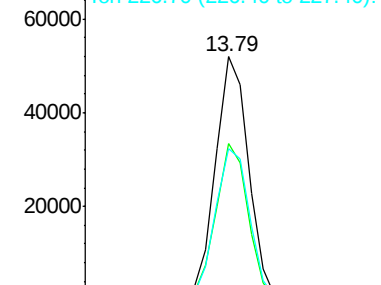
Lab File: VX002020.D

Acq: 26 May 2018 15:42

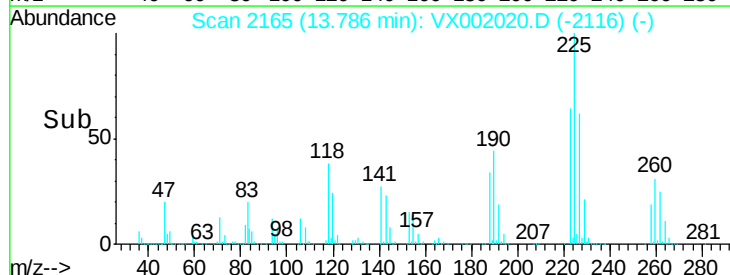
Tgt Ion:	225	Resp:	63864
Ion Ratio	Lower	Upper	
225	100		
223	62.9	31.1	93.5
227	64.6	32.1	96.5

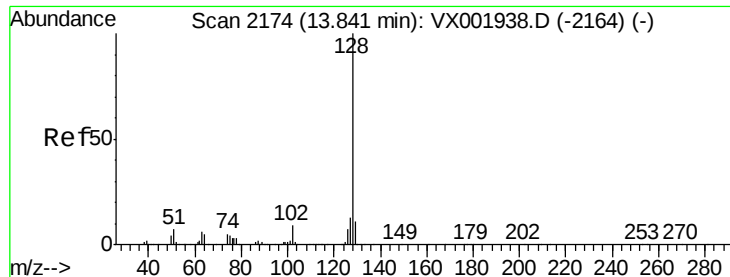


Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



Time-->





#95

Naphthalene

Concen: 19.49 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002020.D

Acq: 26 May 2018 15:42

Instrument :

MSVOA_X

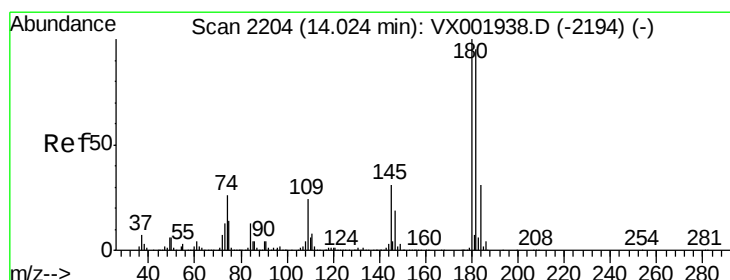
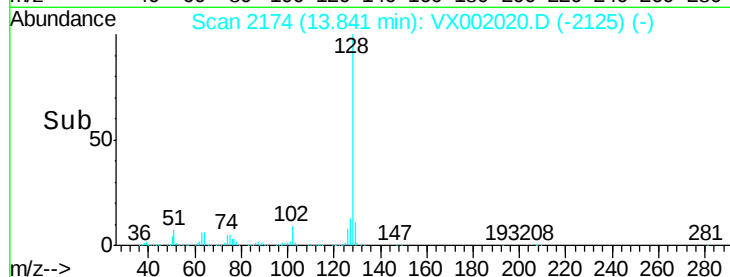
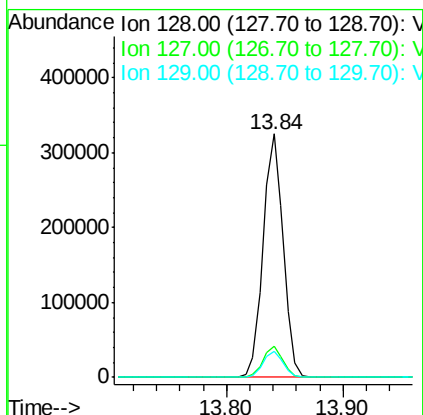
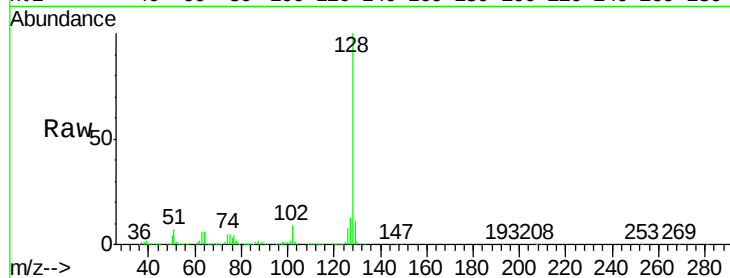
ClientSampleId :

VX0526WBS02

Tgt Ion:	128	Resp:	390601
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.4	15.6
129	10.8	8.8	13.2

Manual Integrations
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5/30/2018 1:50:10 PM



#96

1,2,3-Trichlorobenzene

Concen: 18.82 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002020.D

Acq: 26 May 2018 15:42

Tgt Ion:	180	Resp:	126630
Ion Ratio	Lower	Upper	
180	100		
182	96.2	47.9	143.6
145	30.5	15.1	45.3

