

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052518\
 Data File : VX001963.D
 Acq On : 25 May 2018 02:06
 Operator : JC/MD
 Sample : VX0525WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/29/2018 4:39:20 PM

Quant Time: May 25 03:13:59 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X052518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 25 02:17:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	67763	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	371625	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	333539	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.08	65	156227	29.30	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.67%
60) 4-Bromofluorobenzene	11.14	95	168625	29.53	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.43%
63) Toluene-d8	8.72	98	453448	30.50	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.67%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	71950	20.000	ug/l 100
3) Chloromethane	1.32	50	88659	20.718	ug/l 98
4) Vinyl Chloride	1.40	62	85698	20.131	ug/l 99
5) Bromomethane	1.64	94	59478	24.939	ug/l 99
6) Chloroethane	1.73	64	52168	20.715	ug/l 99
7) Trichlorofluoromethane	1.93	101	133866	20.618	ug/l 99
8) Diethyl Ether	2.20	74	49384	20.209	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	71925	20.570	ug/l 99
10) 1,1-Dichloroethene	2.37	96	69662	20.663	ug/l 99
11) Methyl Iodide	2.51	142	88624	16.733	ug/l 99
12) Methyl Acetate	2.79	43	112488	20.584	ug/l 95
13) Acrolein	2.30	56	43439	93.366	ug/l 99
14) Acrylonitrile	3.16	53	232176	103.271	ug/l 99
15) Acetone	2.45	58	62146	103.690	ug/l 99
16) Carbon Disulfide	2.57	76	196210	20.381	ug/l 99
17) Allyl chloride	2.73	41	142783	20.519	ug/l 99
18) Methylene Chloride	2.86	84	77654	20.494	ug/l 98
19) trans-1,2-Dichloroethene	3.17	96	74199	20.816	ug/l 98
20) Diisopropyl ether	3.88	45	274688	20.675	ug/l 99
21) 1,1-Dichloroethane	3.70	63	145801	20.616	ug/l 99
22) cis-1,2-Dichloroethene	4.60	96	86171	20.276	ug/l 91
23) tert-Butyl Alcohol	3.09	59	122562	105.104	ug/l # 100
24) Methyl tert-Butyl Ether	3.21	73	271298	20.616	ug/l 99
25) Chloroform	5.22	83	151941	20.434	ug/l 97
26) Cyclohexane	5.58	56	132099	20.296	ug/l # 100
29) 1,1-Dichloropropene	5.81	75	107313	20.639	ug/l 100
30) 2-Butanone	4.72	43	380424	104.896	ug/l 100
31) 2,2-Dichloropropane	4.59	77	78727	17.229	ug/l 96
32) 1,1,1-Trichloroethane	5.50	97	140682	20.717	ug/l 99
33) Carbon Tetrachloride	5.79	117	126557	20.509	ug/l 93
34) Benzene	6.15	78	326186	20.776	ug/l 99
35) Methacrylonitrile	5.07	41	82467	20.535	ug/l 98
36) 1,2-Dichloroethane	6.21	62	129836	21.226	ug/l 100
37) Trichloroethene	7.22	130	91591	20.565	ug/l 94
38) Methylcyclohexane	7.46	83	122769	20.238	ug/l 98
39) 1,2-Dichloropropane	7.52	63	87821	20.688	ug/l 98
40) Dibromomethane	7.67	93	58706	20.613	ug/l 97

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 ALS Vial : 32 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Quant Time: May 25 03:13:59 2018
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 25 02:17:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.91	83	121833	20.619	ug/l	98
42) Vinyl Acetate	3.83	43	1215882	105.971	ug/l	100
43) Ethyl Acetate	4.87	43	151191	21.239	ug/l	99
44) Isopropyl Acetate	6.48	43	248824	21.020	ug/l	100
45) 1,4-Dioxane	7.76	88	47707	423.644	ug/l #	90
46) Methyl methacrylate	7.79	41	123592	20.618	ug/l	99
47) n-amyl Acetate	10.90	43	220877	20.283	ug/l #	91
48) t-1,3-Dichloropropene	8.45	75	133418	20.094	ug/l	99
49) cis-1,3-Dichloropropene	9.05	75	127848	19.890	ug/l	98
50) 1,1,2-Trichloroethane	9.22	97	85272	20.855	ug/l	97
51) Ethyl methacrylate	9.19	69	147031	20.759	ug/l	97
52) 1,3-Dichloropropane	9.38	76	142343	20.638	ug/l	99
53) Dibromochloromethane	9.59	129	100759	20.171	ug/l	99
54) 1,2-Dibromoethane	9.68	107	90452	20.433	ug/l	99
55) 2-Chloroethyl vinyl ether	8.32	63	332540	100.026	ug/l	99
56) Bromoform	10.87	173	85305	19.421	ug/l	100
58) 4-Methyl-2-Pentanone	8.66	43	769367	105.997	ug/l	100
59) 2-Hexanone	9.51	43	592646	105.222	ug/l	99
61) Tetrachloroethene	9.34	164	104563	20.554	ug/l	97
62) Toluene	8.79	91	354522	20.813	ug/l	98
64) Chlorobenzene	10.15	112	225175	20.425	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.23	131	92375	20.590	ug/l	99
66) Ethyl Benzene	10.26	91	397266	20.751	ug/l	96
67) m/p-Xylenes	10.37	106	298041	41.009	ug/l	97
68) o-Xylene	10.71	106	149964	20.602	ug/l	100
69) Styrene	10.72	104	249554	20.423	ug/l	99
70) Isopropylbenzene	11.02	105	397836	20.417	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	126038	20.637	ug/l	100
72) 1,2,3-Trichloropropane	11.30	75	131027m	22.778	ug/l	
73) Bromobenzene	11.26	156	107210	20.484	ug/l	98
74) n-propylbenzene	11.37	91	445307	20.473	ug/l	99
75) 2-Chlorotoluene	11.43	91	278059	20.728	ug/l	98
76) 1,3,5-Trimethylbenzene	11.51	105	338319	20.421	ug/l	99
77) t-1,4-Dichloro-2-butene	11.08	75	39394	18.902	ug/l	97
78) 4-Chlorotoluene	11.52	91	310294	20.339	ug/l	99
79) tert-butylbenzene	12.07	119	351308	20.223	ug/l	99
80) 1,2,4-Trimethylbenzene	11.81	105	342821	20.468	ug/l	99
81) sec-Butylbenzene	11.95	105	398571	20.524	ug/l	100
82) p-Isopropyltoluene	12.07	119	351308	20.223	ug/l	99
83) 1,3-Dichlorobenzene	12.03	146	183597	19.797	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	181935	19.709	ug/l	99
85) n-Butylbenzene	12.40	91	286518	19.666	ug/l	99
86) Hexachloroethane	12.60	117	68432	19.796	ug/l	98
87) 1,2-Dichlorobenzene	12.40	146	191850	20.085	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.01	75	36189	20.345	ug/l	98
89) 1,2,4-Trichlorobenzene	13.65	180	131936	19.448	ug/l	100
90) Hexachlorobutadiene	13.79	225	71589	19.838	ug/l	99
91) Naphthalene	13.84	128	433947	20.272	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	142503	20.113	ug/l	99

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ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBS01

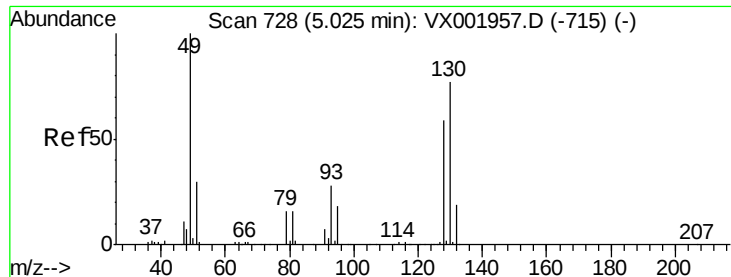
Manual Integrations
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5/29/2018 4:39:20 PM

Quant Time: May 25 03:13:59 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

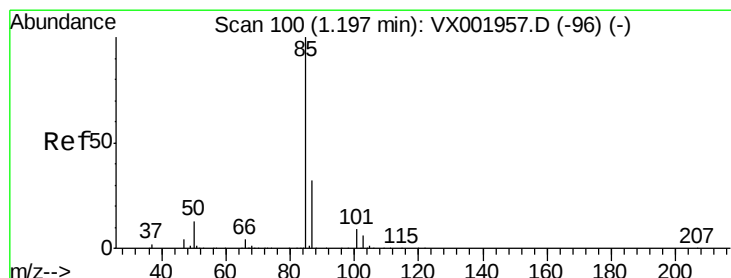
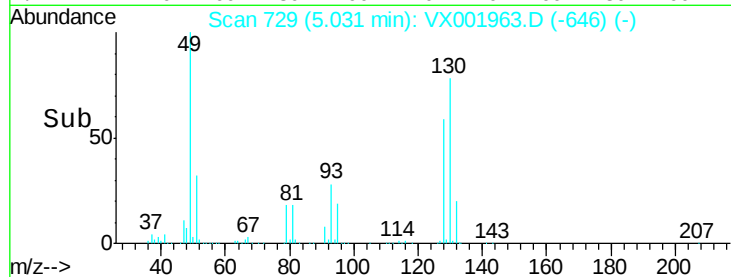
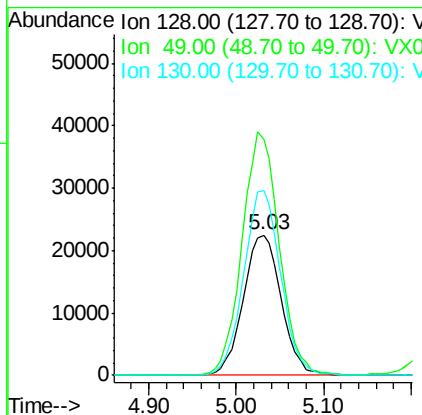
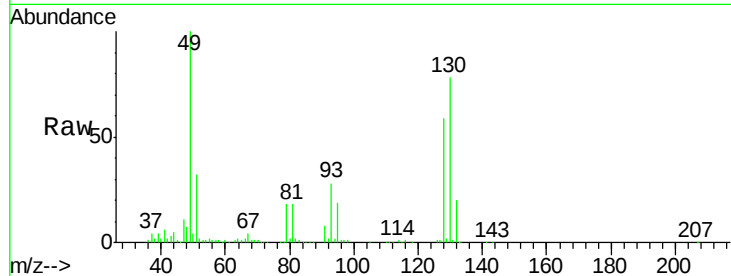
Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.03 min Scan# 729
 Delta R.T. 0.01 min
 Lab File: VX001963.D
 Acq: 25 May 2018 02:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
49	169.8	0.0	423.0
130	128.6	0.0	324.3

Manual Integrations
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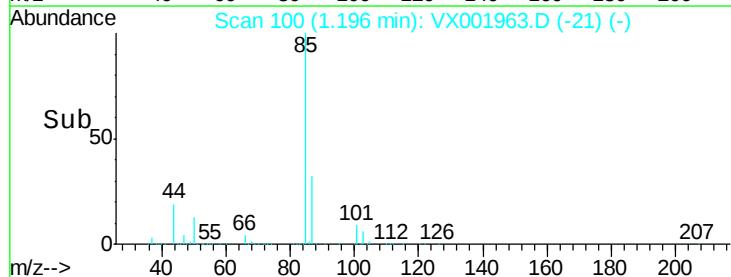
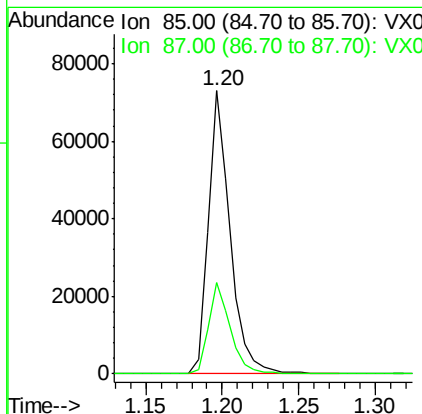
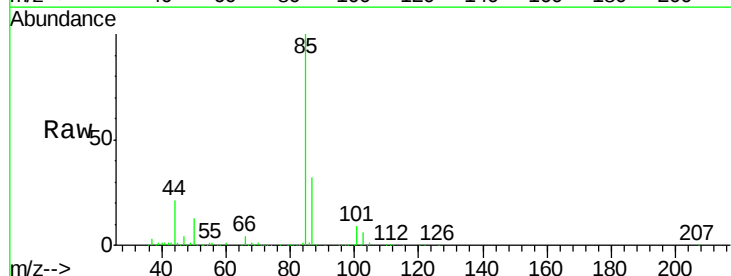
MMDadoda
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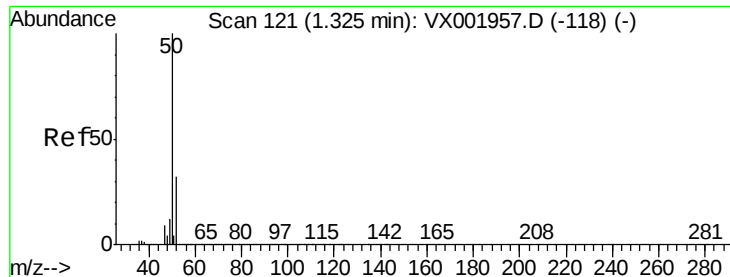


#2

Dichlorodifluoromethane
 Concen: 20.000 ug/l
 RT: 1.20 min Scan# 100
 Delta R.T. -0.00 min
 Lab File: VX001963.D
 Acq: 25 May 2018 02:06

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.2	16.2	48.5





#3

Chloromethane

Concen: 20.718 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBS01

Tot Ion: 50 Resp: 88659

Ion Ratio Lower Upper

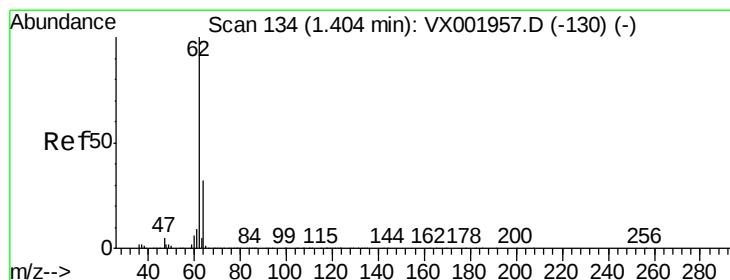
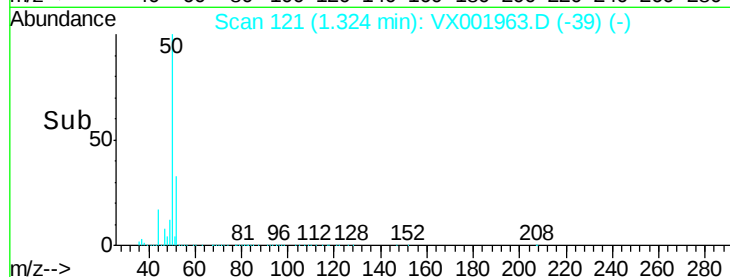
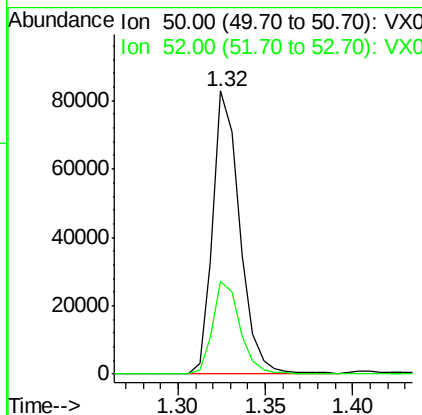
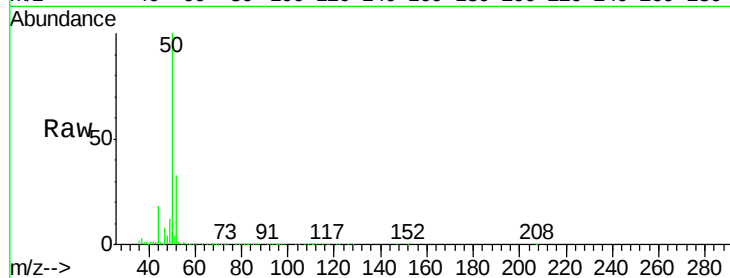
50 100

52 32.9 25.6 38.4

Manual Integrations
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#4

Vinyl Chloride

Concen: 20.131 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001963.D

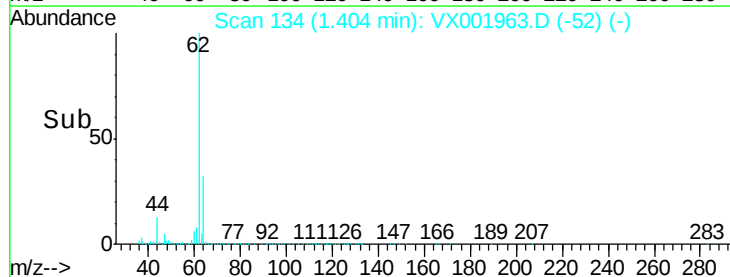
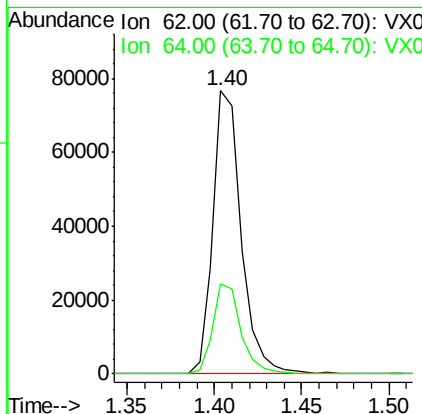
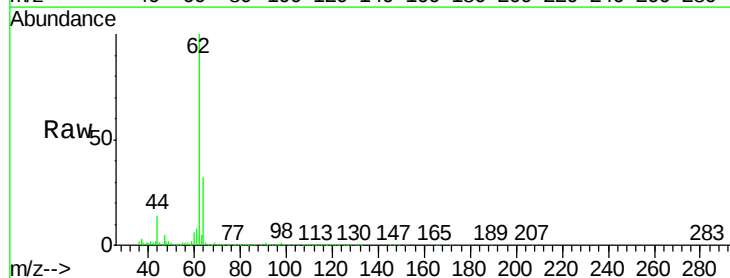
Acq: 25 May 2018 02:06

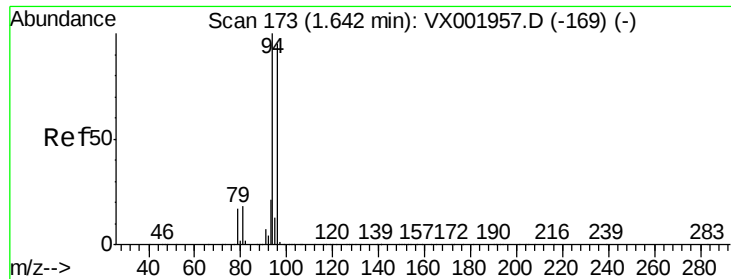
Tgt Ion: 62 Resp: 85698

Ion Ratio Lower Upper

62 100

64 31.9 25.3 37.9





#5

Bromomethane

Concen: 24.939 ug/l

RT: 1.64 min Scan# 173

Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBS01

Tot Ion: 94 Resp: 59478

Ion Ratio Lower Upper

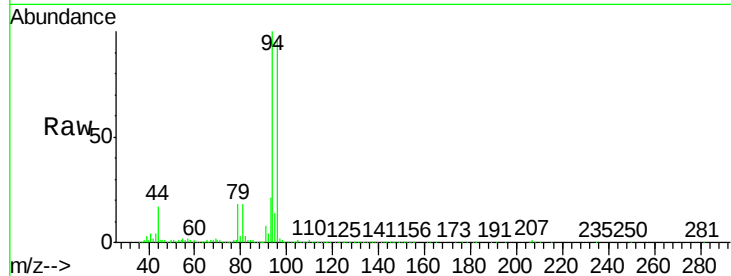
94 100

96 95.2 75.7 113.5

Manual Integrations
APPROVED

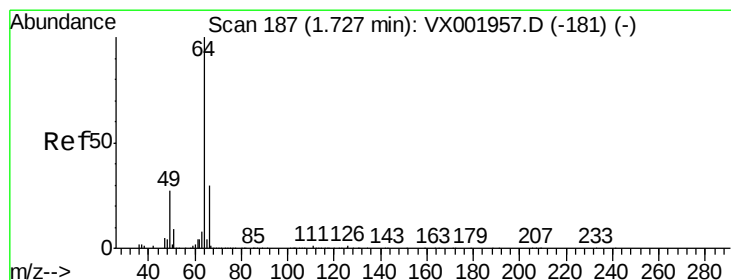
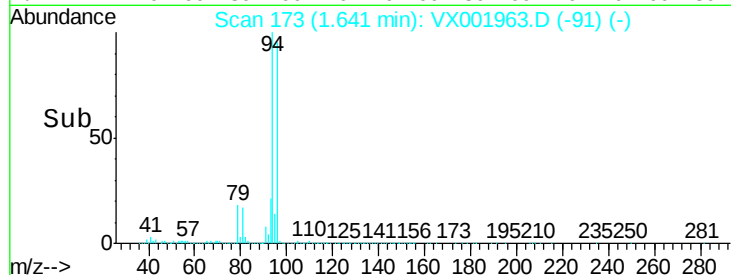
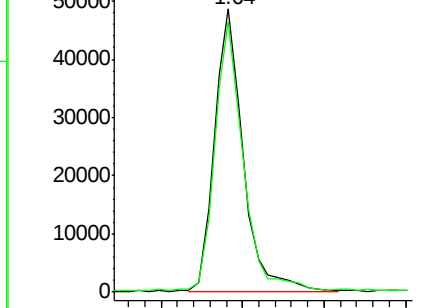
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 20.715 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX001963.D

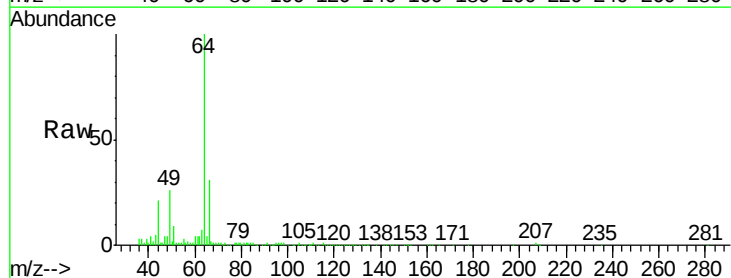
Acq: 25 May 2018 02:06

Tgt Ion: 64 Resp: 52168

Ion Ratio Lower Upper

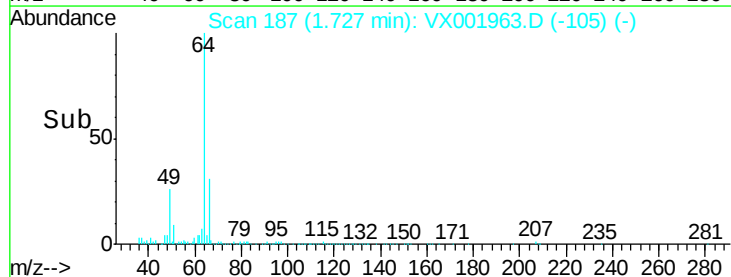
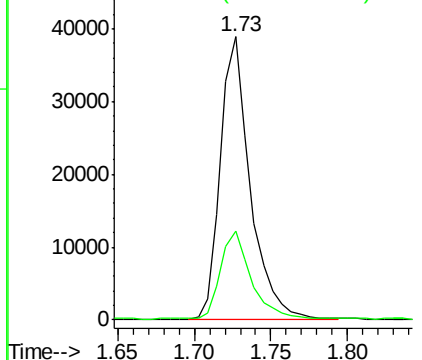
64 100

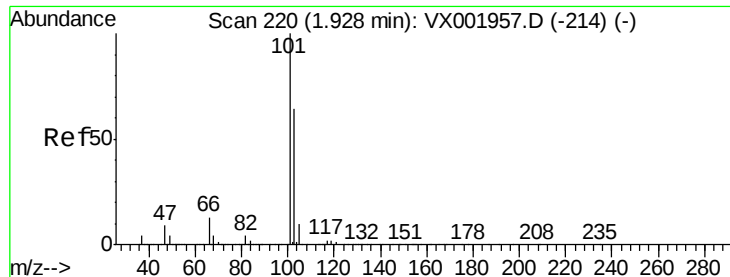
66 31.1 24.3 36.5



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

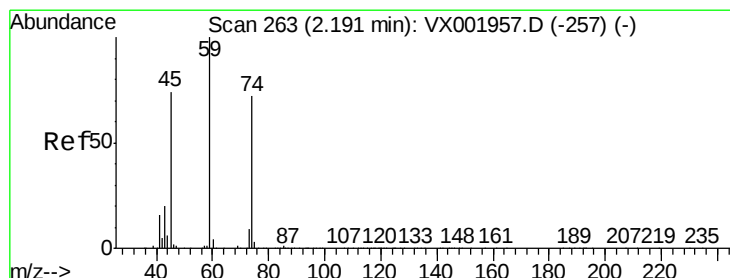
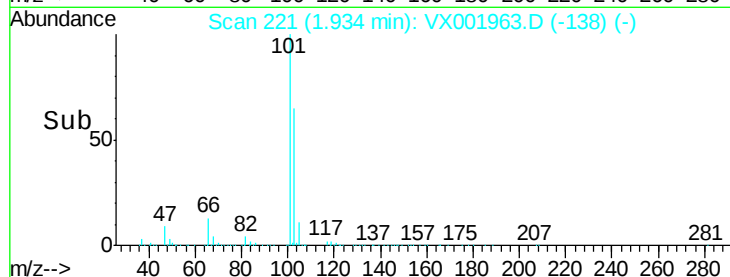
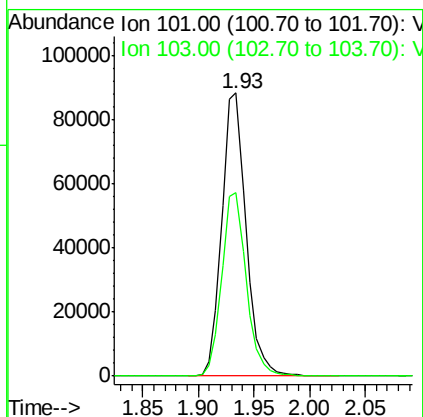
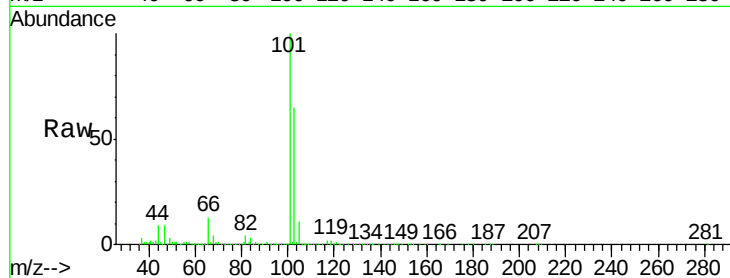
Trichlorofluoromethane
Concen: 20.618 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX001963.D
Acq: 25 May 2018 02:06

Instrument :
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ClientSampleId :
VX0525WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	51.5	77.3

Manual Integrations
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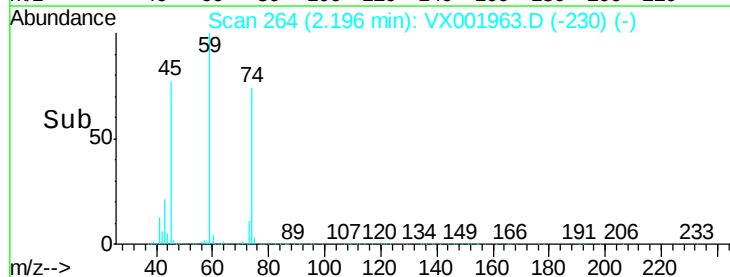
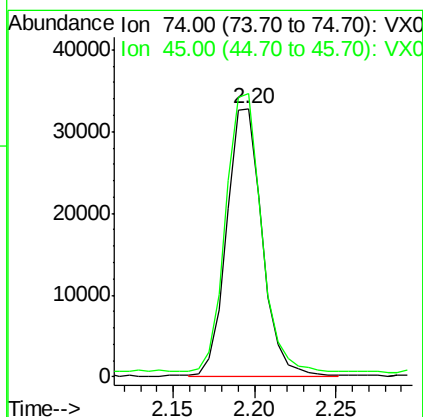
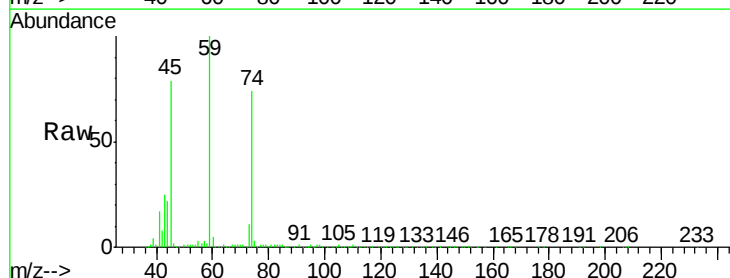
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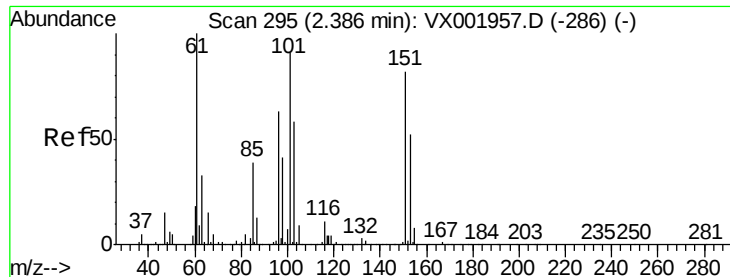


#8

Diethyl Ether
Concen: 20.209 ug/l
RT: 2.20 min Scan# 264
Delta R.T. 0.01 min
Lab File: VX001963.D
Acq: 25 May 2018 02:06

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.2	20.5	184.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.570 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

Instrument :

MSVOA_X

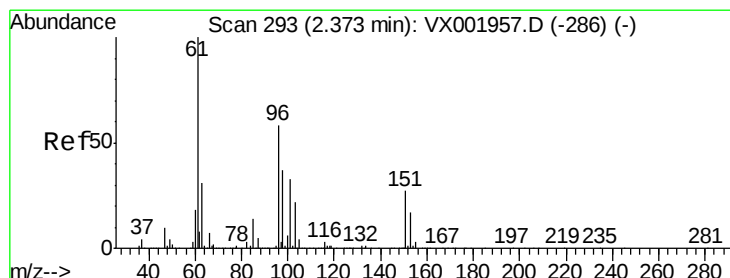
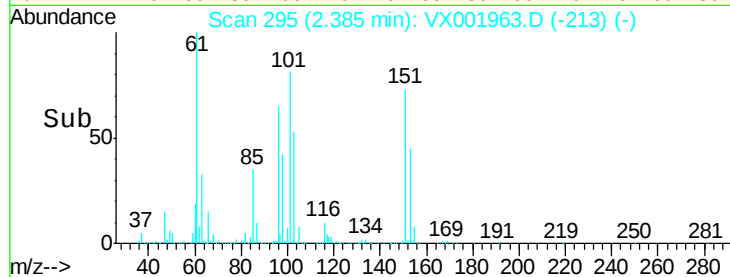
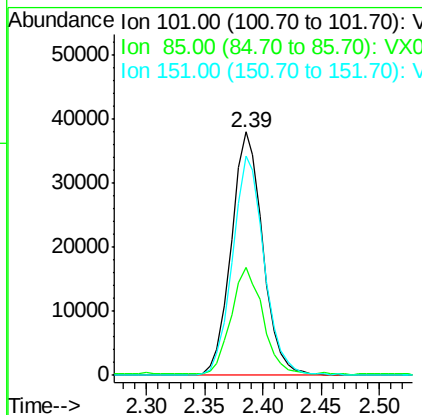
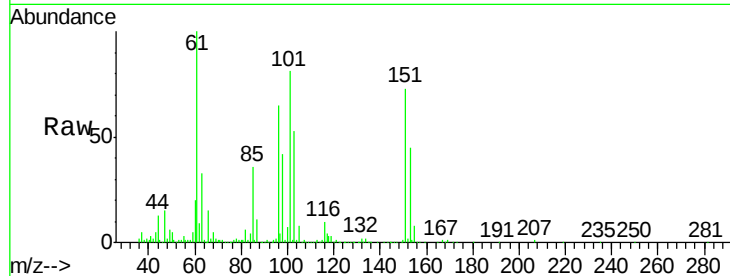
ClientSampleId :

VX0525WBS01

Tot Ion:	101	Resp:	71925
Ion Ratio	Lower	Upper	
101	100		
85	43.6	0.0	87.0
151	90.4	0.0	177.6

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 20.663 ug/l

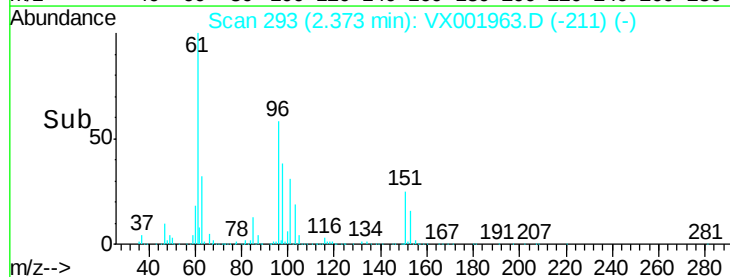
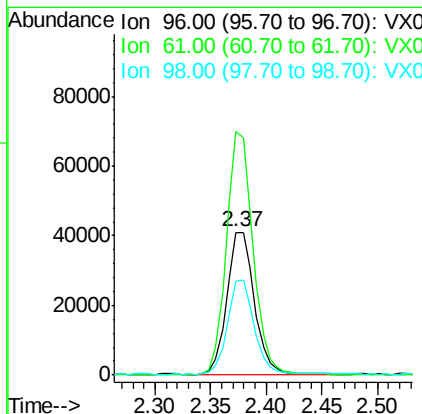
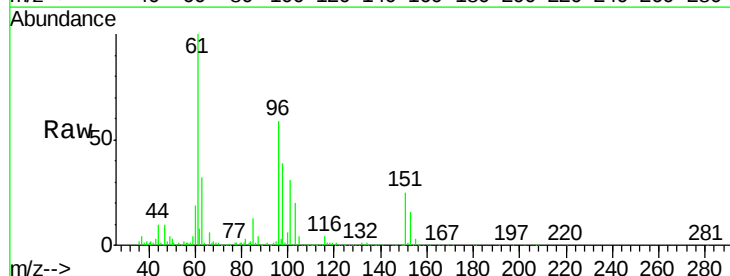
RT: 2.37 min Scan# 293

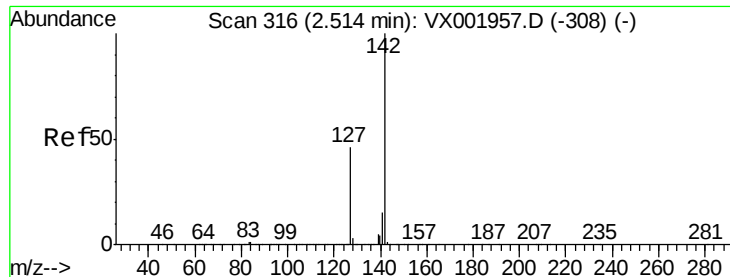
Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

Tgt Ion:	96	Resp:	69662
Ion Ratio	Lower	Upper	
96	100		
61	170.8	137.5	206.3
98	65.3	51.4	77.2





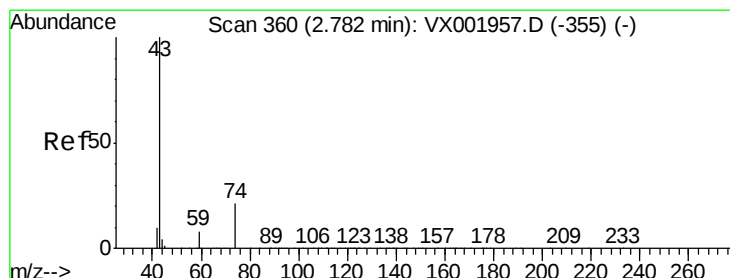
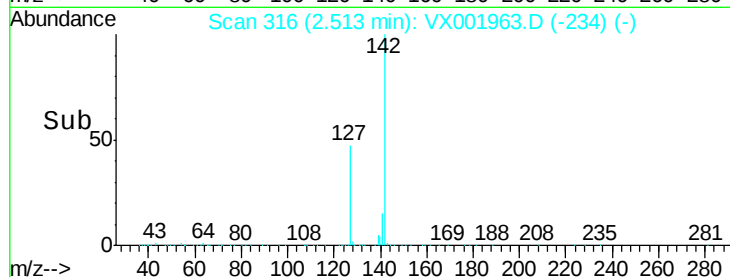
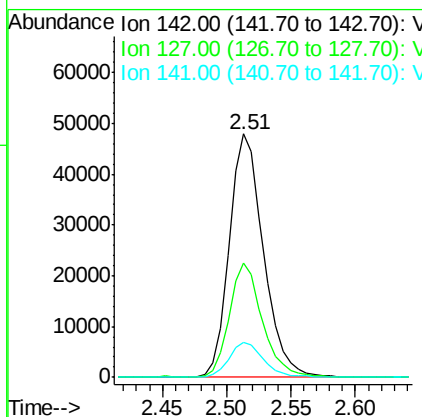
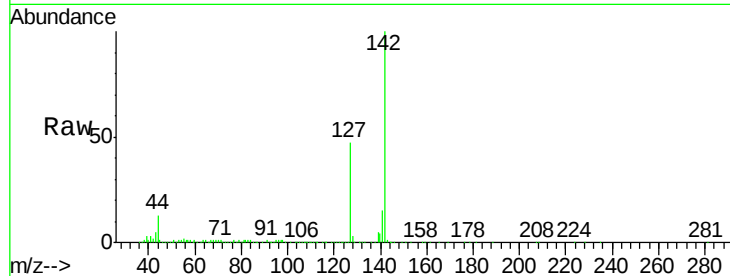
#11
Methvl Iodide
Concen: 16.733 ug/l
RT: 2.51 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX001963.D
Acq: 25 May 2018 02:06

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBS01

Tot Ion	Ratio	Lower	Upper
142	100		
127	46.9	23.2	69.6
141	14.3	7.4	22.2

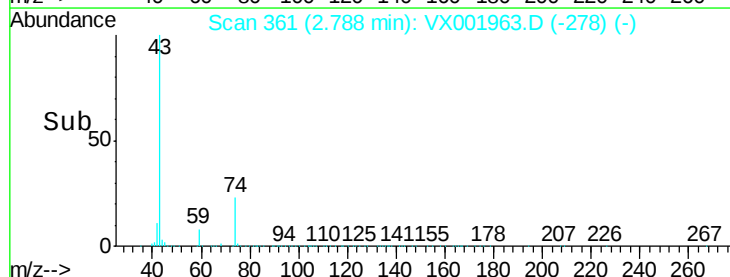
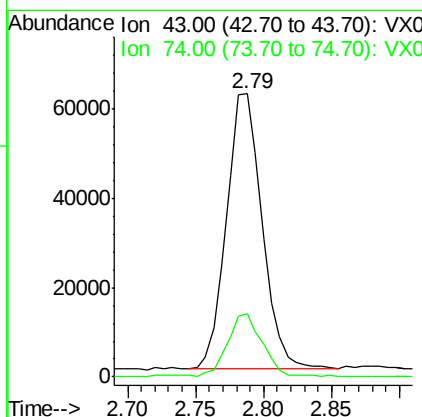
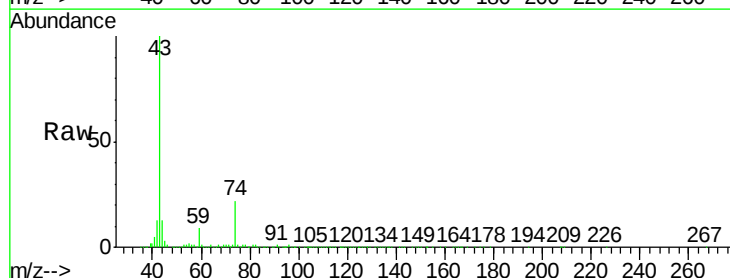
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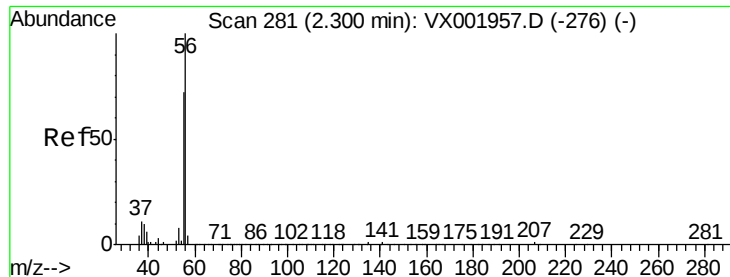
MMDadoda
5/29/2018 4:39:20 PM



#12
Methyl Acetate
Concen: 20.584 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX001963.D
Acq: 25 May 2018 02:06

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.7	16.4	24.6





#13

Acrolein

Concen: 93.366 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBS01

Tot Ion: 56 Resp: 43439

Ion Ratio Lower Upper

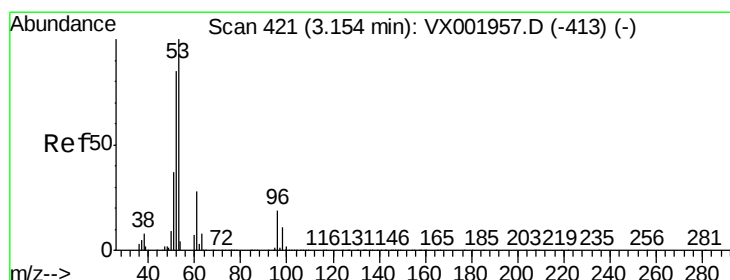
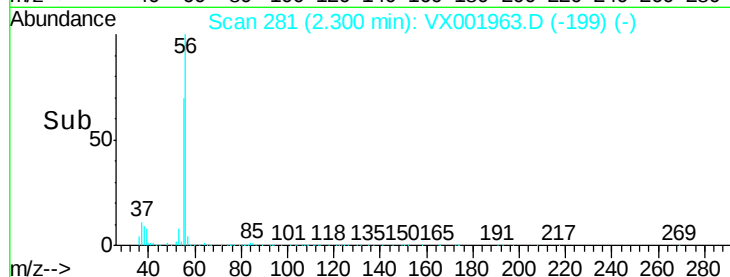
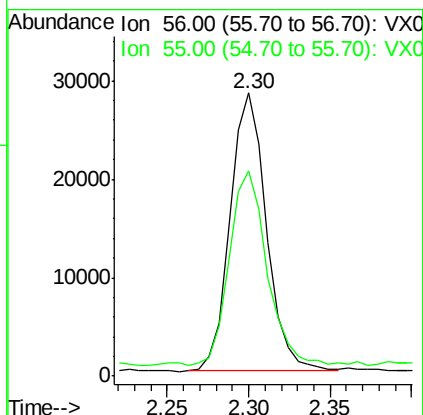
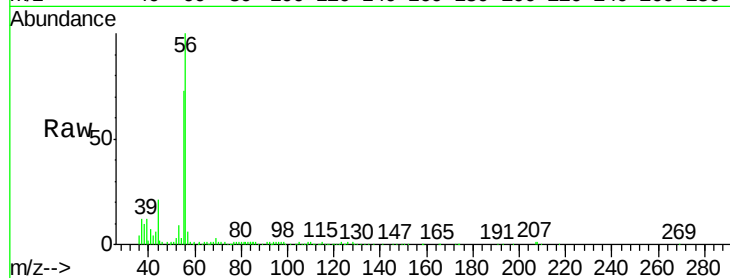
56 100

55 72.3 57.3 85.9

Manual Integrations
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#14

Acrylonitrile

Concen: 103.271 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

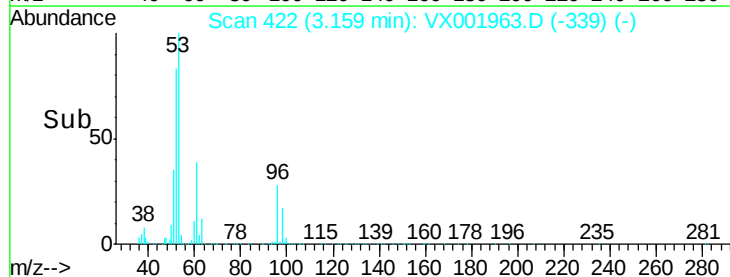
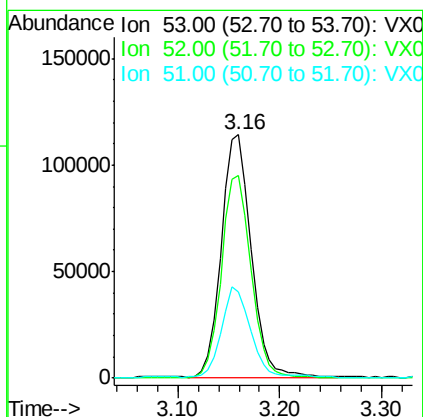
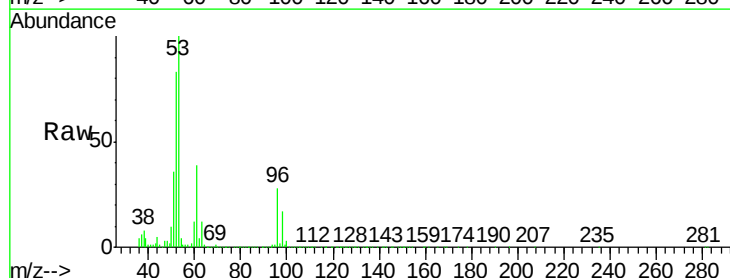
Tgt Ion: 53 Resp: 232176

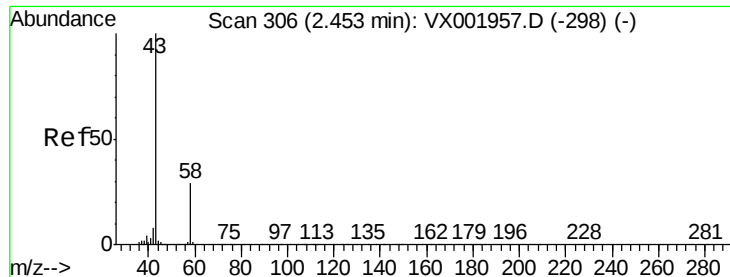
Ion Ratio Lower Upper

53 100

52 82.6 41.5 124.6

51 36.5 17.9 53.8





#15

Acetone

Concen: 103.690 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBS01

Tot Ion: 58 Resp: 62146

Ion Ratio Lower Upper

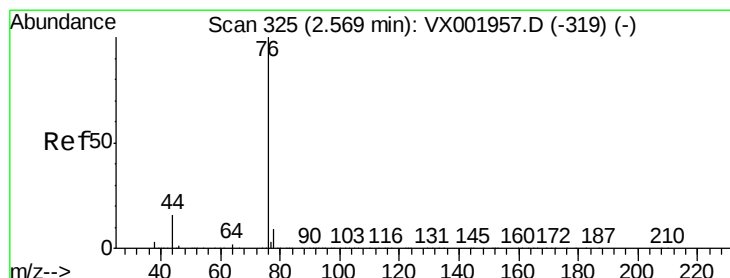
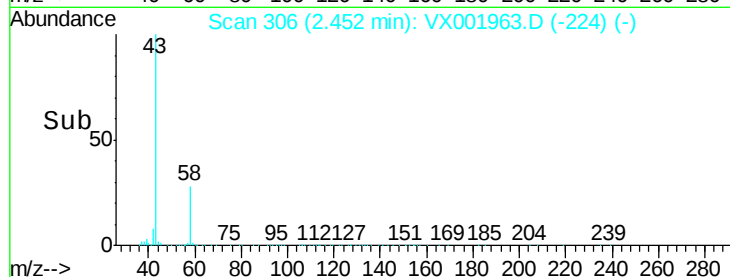
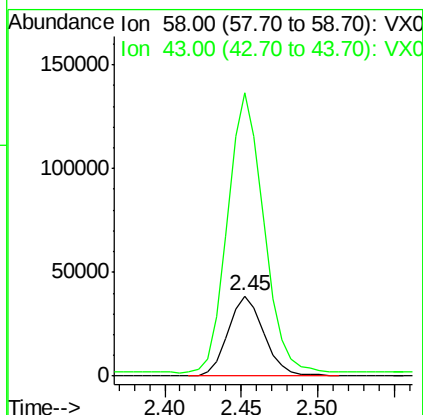
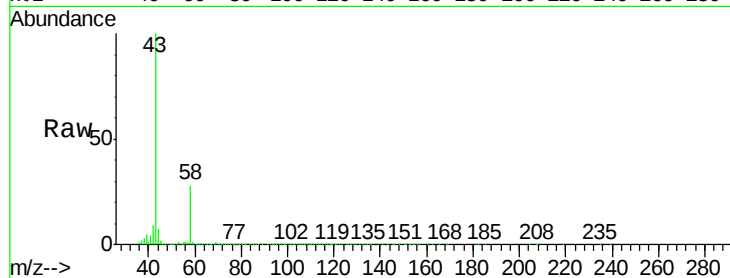
58 100

43 351.6 278.8 418.2

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#16

Carbon Disulfide

Concen: 20.381 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX001963.D

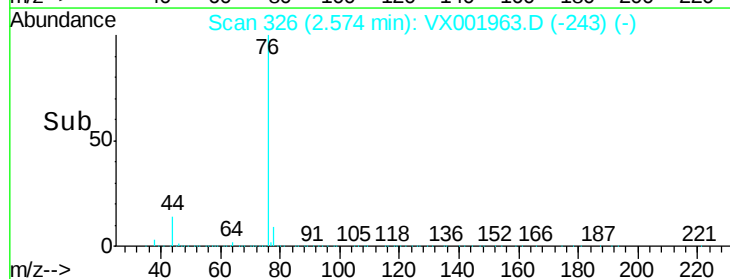
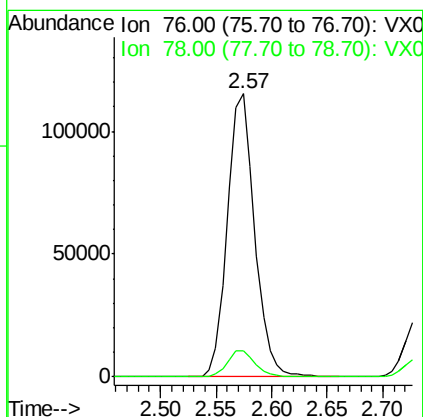
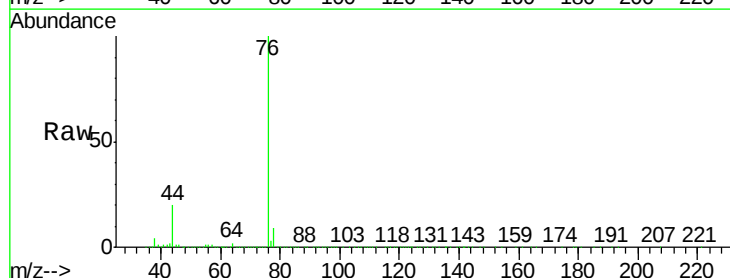
Acq: 25 May 2018 02:06

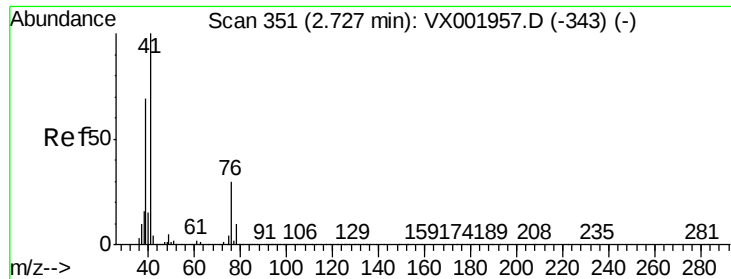
Tgt Ion: 76 Resp: 196210

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0





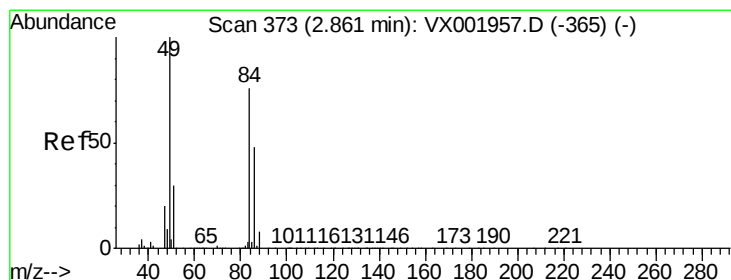
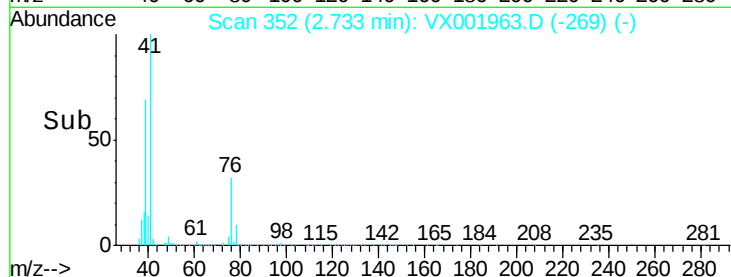
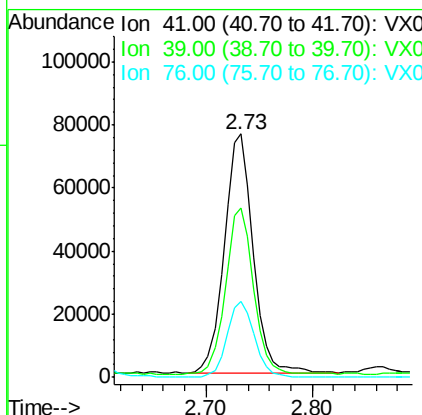
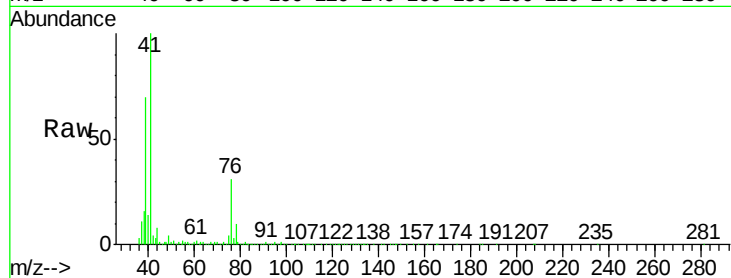
#17
Allvl chloride
Concen: 20.519 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.01 min
Lab File: VX001963.D
Acq: 25 May 2018 02:06

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBS01

Tot Ion	Ratio	Resp	Lower	Upper
41	100	142783		
39	69.4	34.6	103.8	
76	31.6	15.0	45.1	

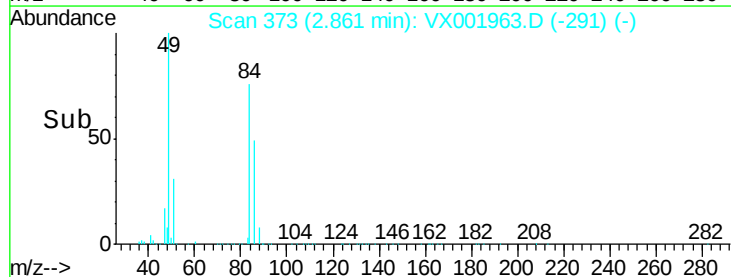
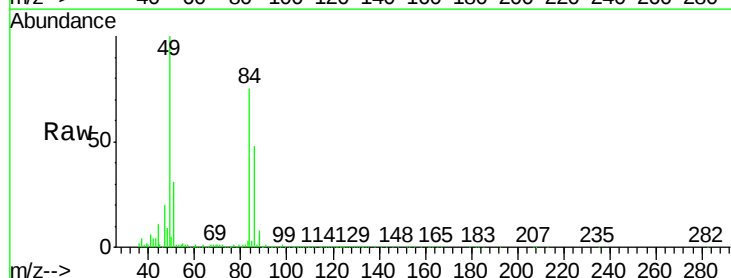
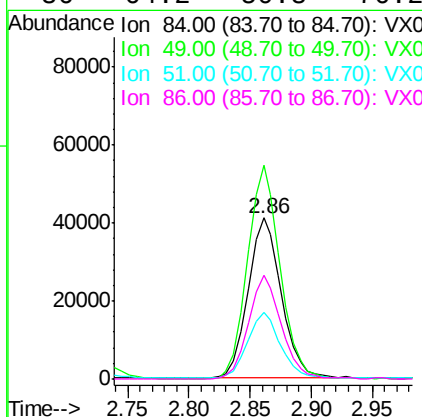
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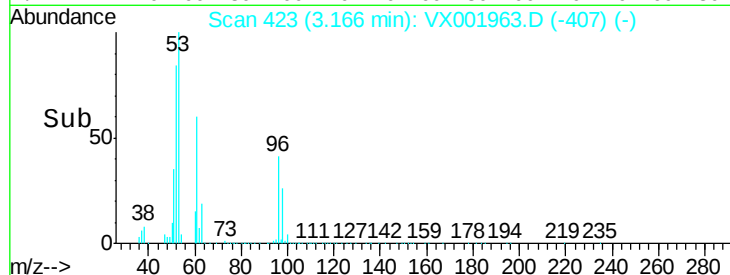
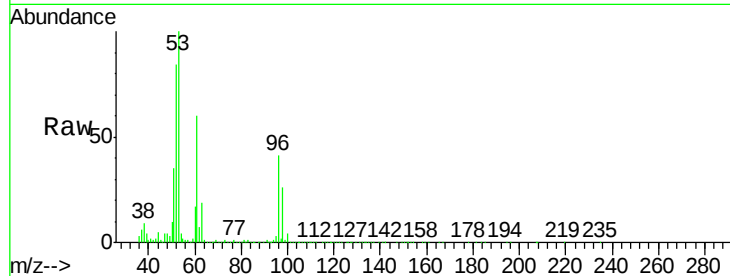
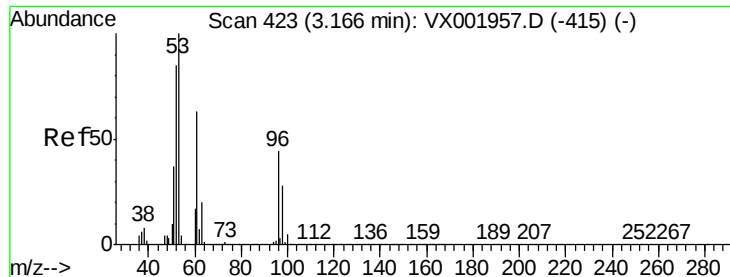
MMDadoda
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#18
Methylene Chloride
Concen: 20.494 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001963.D
Acq: 25 May 2018 02:06

Tgt Ion	Ratio	Resp	Lower	Upper
84	100	77654		
49	133.2	104.7	157.1	
51	40.3	31.0	46.4	
86	64.2	50.8	76.2	





#19

trans-1,2-Dichloroethene

Concen: 20.816 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001963.D

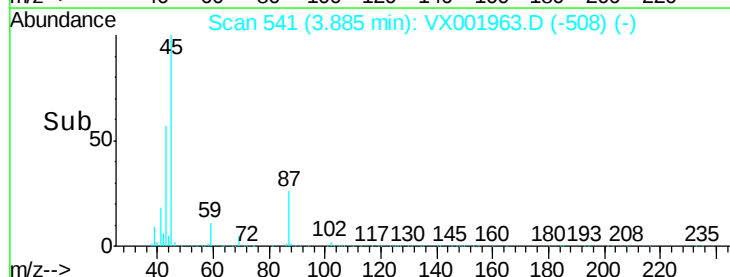
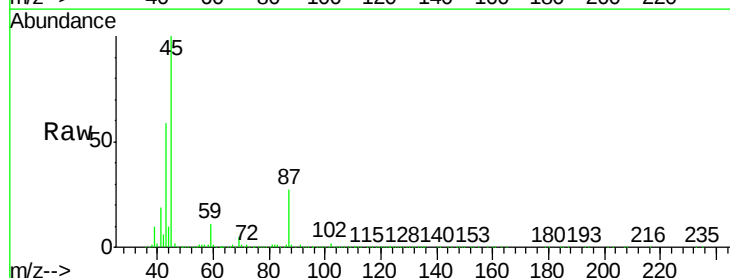
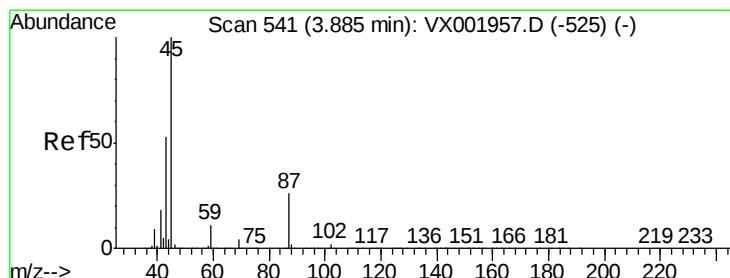
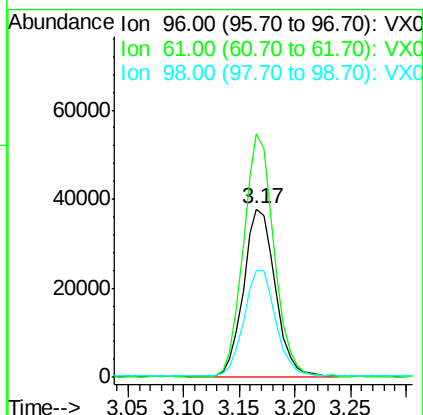
Acq: 25 May 2018 02:06

Tot Ion:	96	Resp:	74199
Ion	Ratio	Lower	Upper
96	100		
61	145.1	114.6	172.0
98	62.3	51.3	76.9

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBS01

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#20

Diisopropyl ether

Concen: 20.675 ug/l

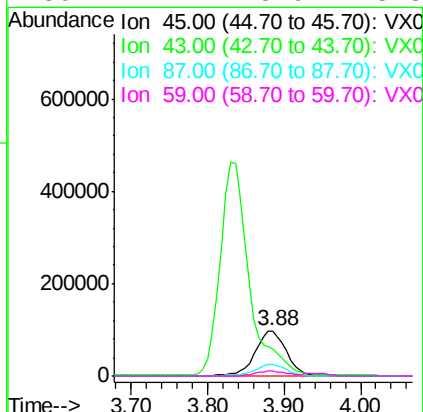
RT: 3.88 min Scan# 541

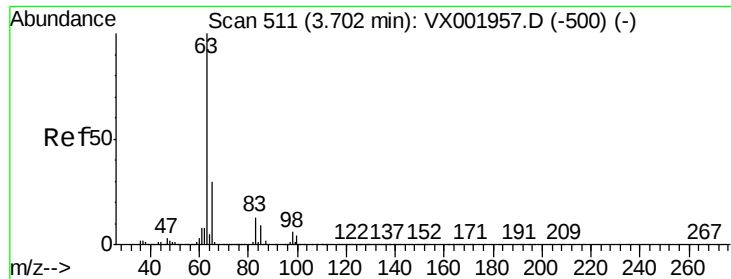
Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

Tgt Ion:	45	Resp:	274688
Ion	Ratio	Lower	Upper
45	100		
43	57.4	45.6	68.4
87	26.7	20.7	31.1
59	11.1	8.9	13.3





#21

1,1-Dichloroethane

Concen: 20.616 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

Instrument :

MSVOA_X

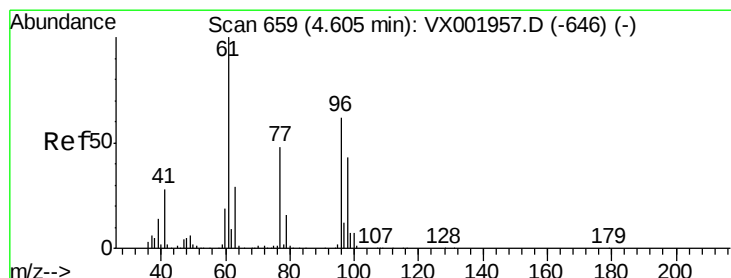
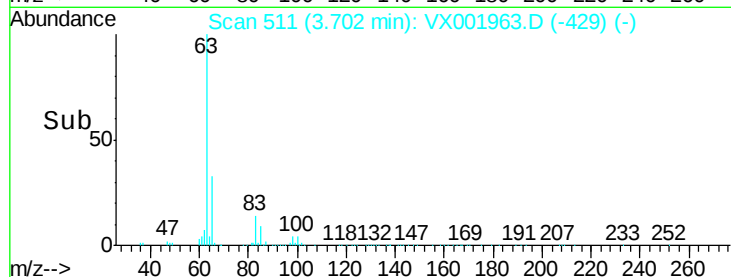
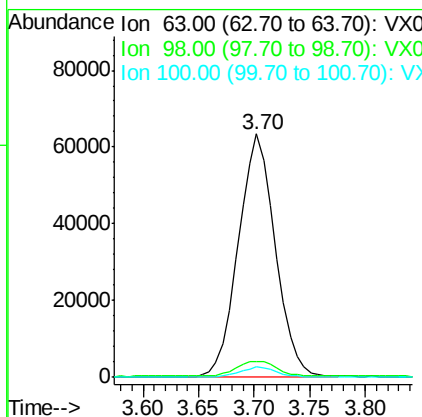
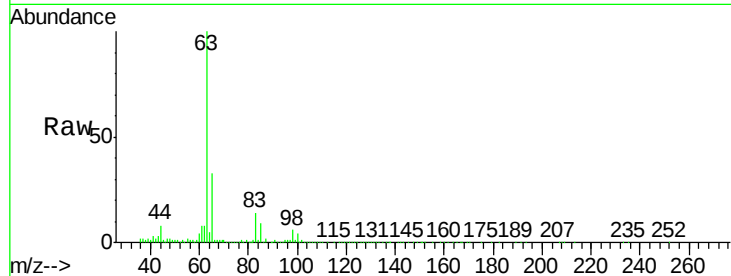
ClientSampleId :

VX0525WBS01

Tot Ion	63	Resp	145801
Ion	Ratio	Lower	Upper
63	100		
98	5.8	3.1	9.3
100	4.1	2.2	6.6

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 20.276 ug/l

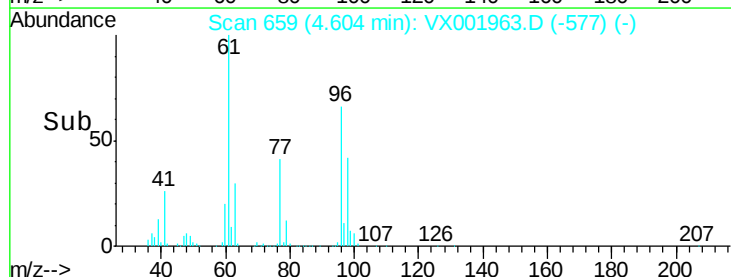
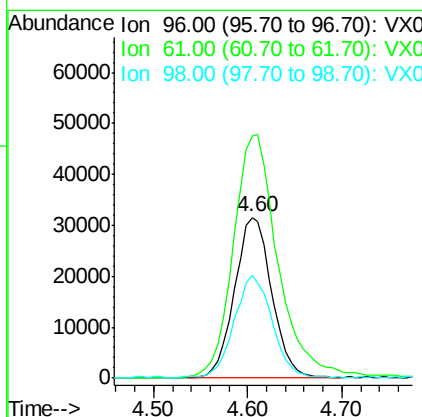
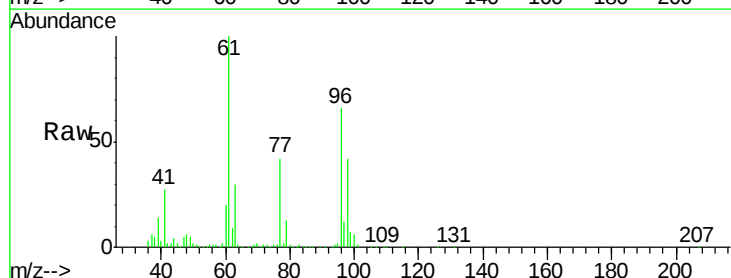
RT: 4.60 min Scan# 659

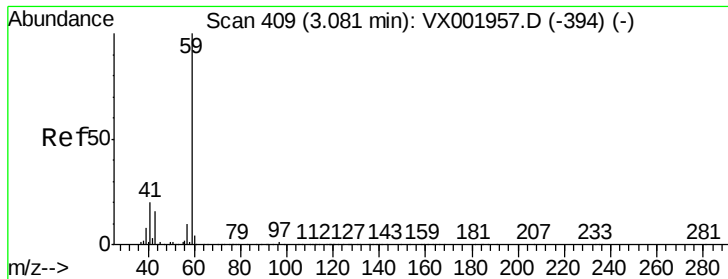
Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

Tgt Ion	96	Resp	86171
Ion	Ratio	Lower	Upper
96	100		
61	184.9	160.2	240.2
98	64.6	54.1	81.1





#23

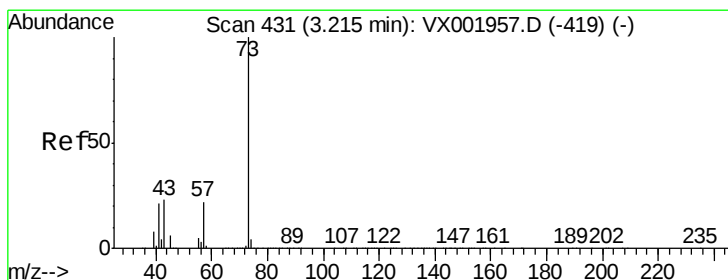
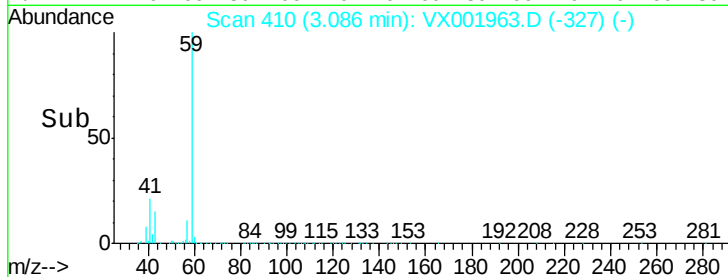
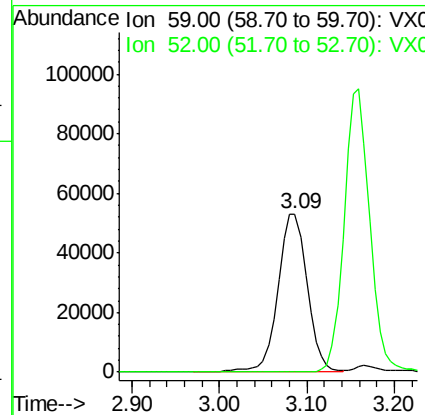
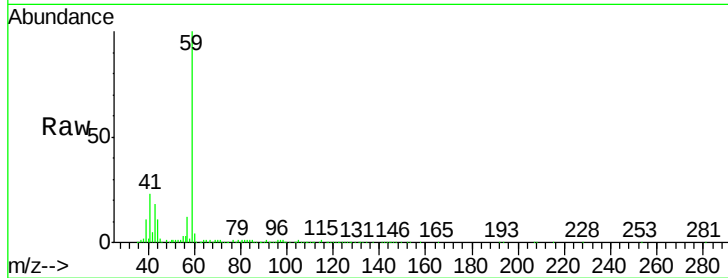
tert-Butyl Alcohol
 Concen: 105.104 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. 0.01 min
 Lab File: VX001963.D
 Acq: 25 May 2018 02:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525WBS01

Tot Ion: 59 Resp: 122562
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.2 0.2#

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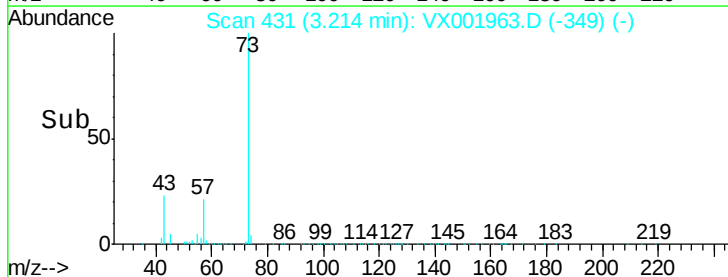
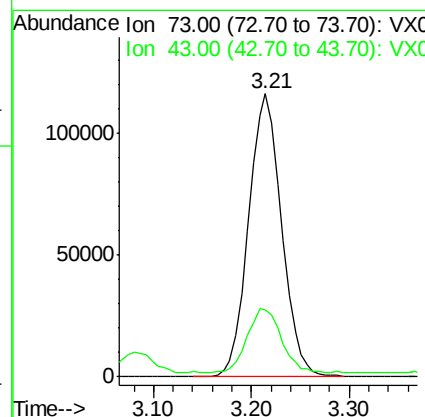
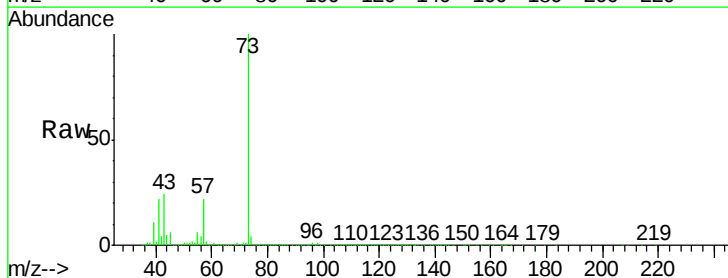
MMDadoda
 5/29/2018 4:39:20 PM

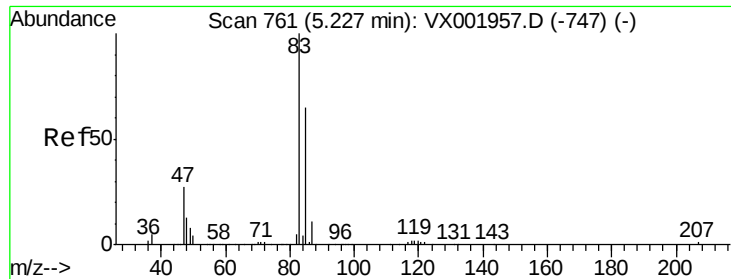


#24

Methyl tert-Butyl Ether
 Concen: 20.616 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. -0.00 min
 Lab File: VX001963.D
 Acq: 25 May 2018 02:06

Tgt Ion: 73 Resp: 271298
 Ion Ratio Lower Upper
 73 100
 43 23.4 19.0 28.4





#25

Chloroform

Concen: 20.434 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.01 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBS01

Tot Ion: 83 Resp: 151941

Ion Ratio Lower Upper

83 100

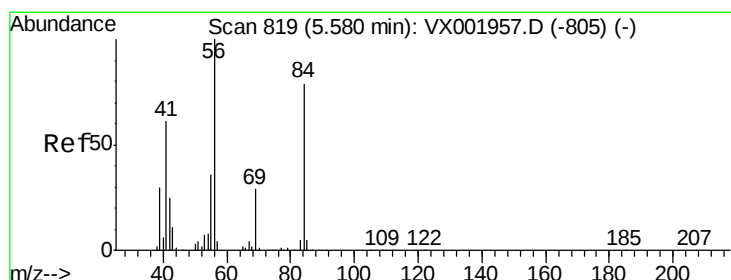
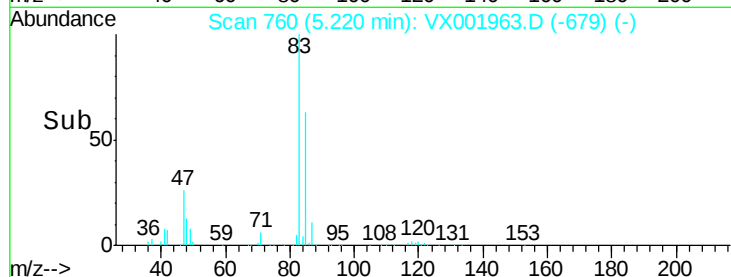
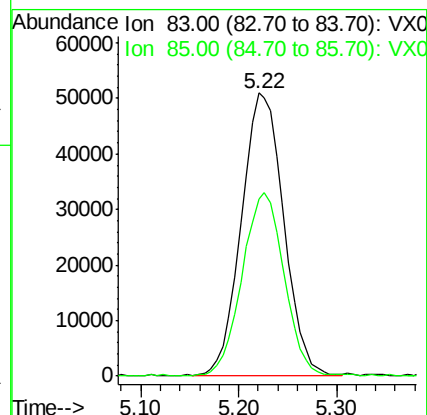
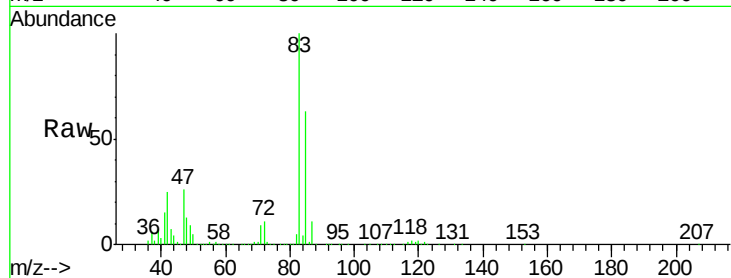
85 62.5 51.9 77.9

Manual Integrations

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#26

Cyclohexane

Concen: 20.296 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

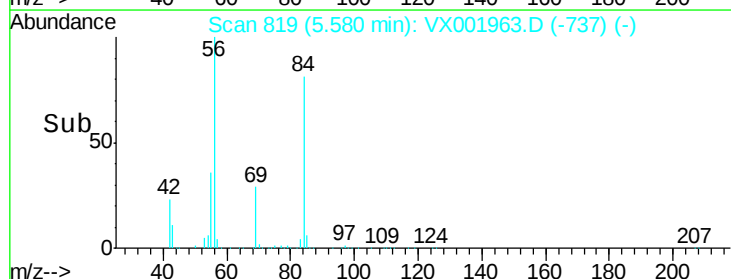
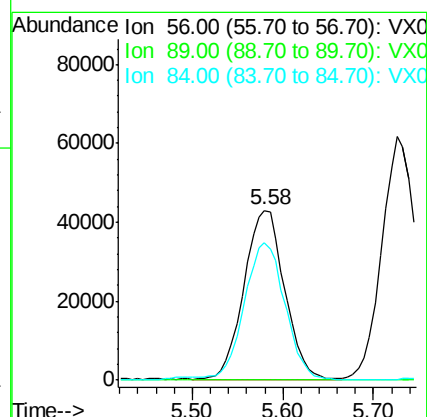
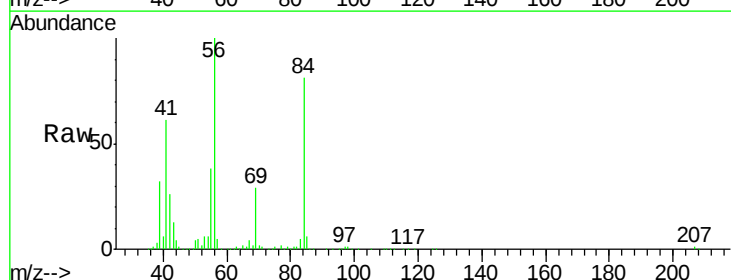
Tgt Ion: 56 Resp: 132099

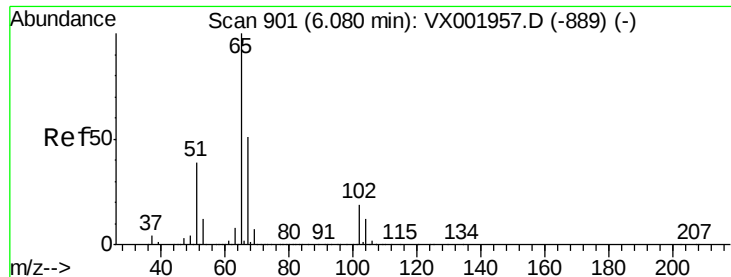
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 81.4 64.9 97.3





#27

1,2-Dichloroethane-d4

Concen: 29.298 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBS01

Tot Ion: 65 Resp: 156227

Ion Ratio Lower Upper

65 100

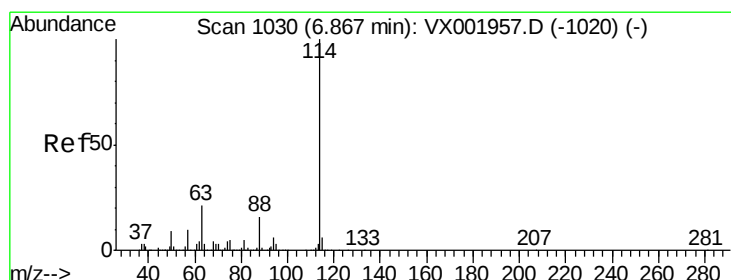
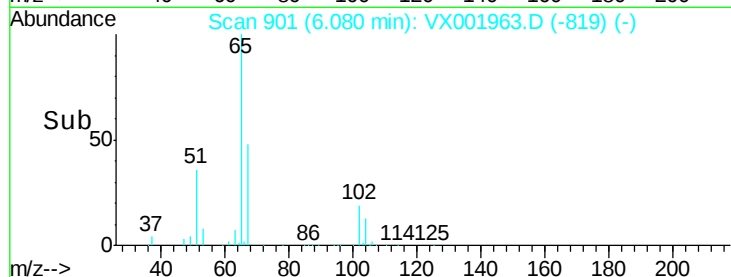
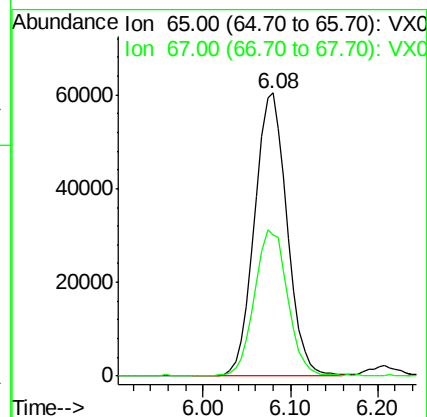
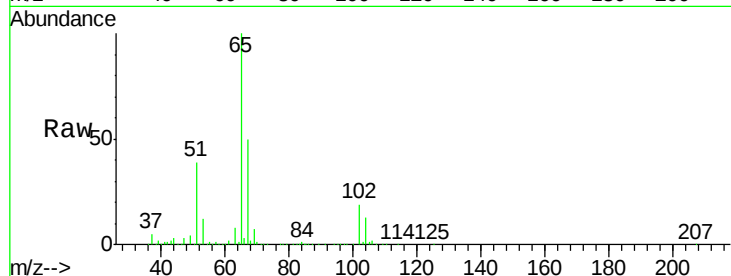
67 52.2 40.9 61.3

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

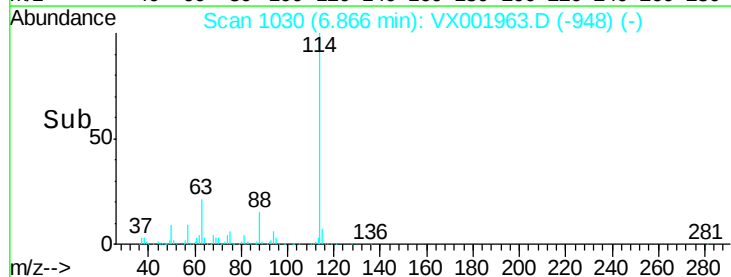
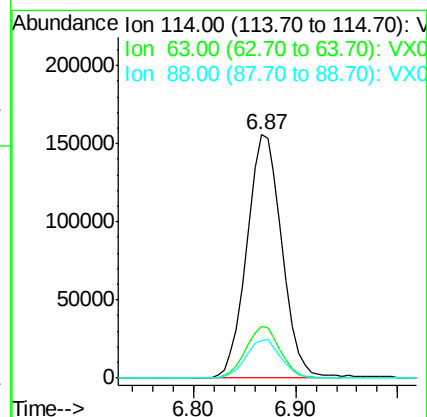
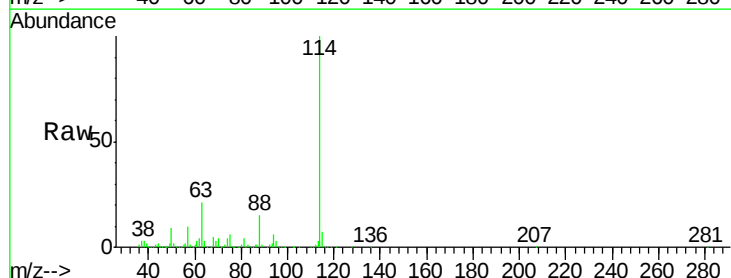
Tgt Ion: 114 Resp: 371625

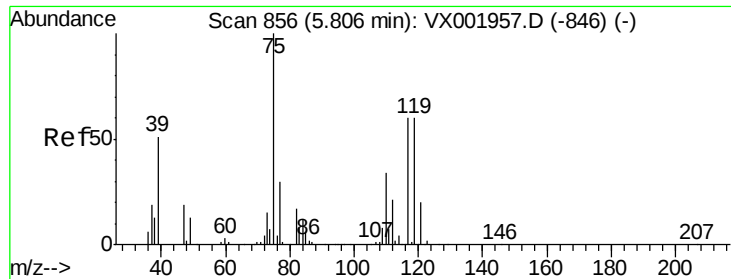
Ion Ratio Lower Upper

114 100

63 21.1 17.1 25.7

88 15.8 12.6 19.0





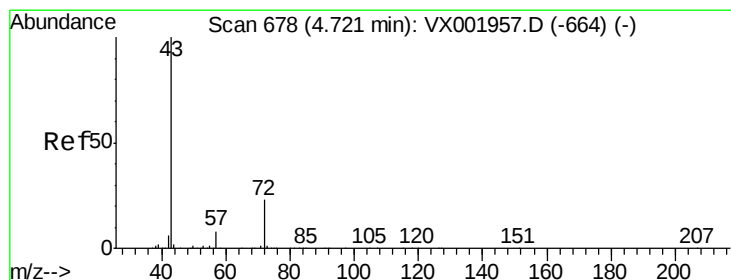
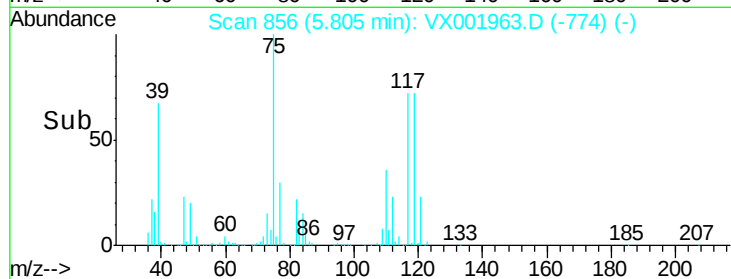
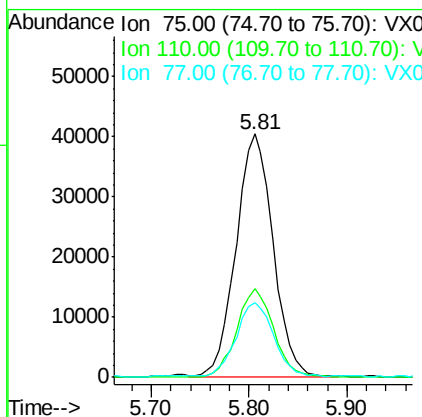
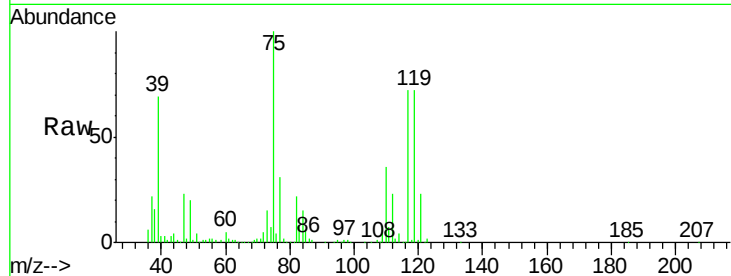
#29
 1,1-Dichloropropene
 Concen: 20.639 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX001963.D
 Acq: 25 May 2018 02:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
110	35.9	0.0	71.4
77	30.4	0.0	60.6

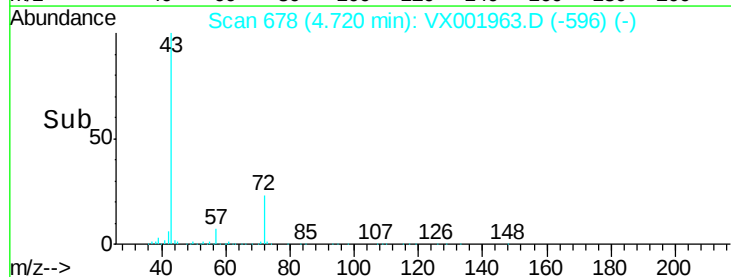
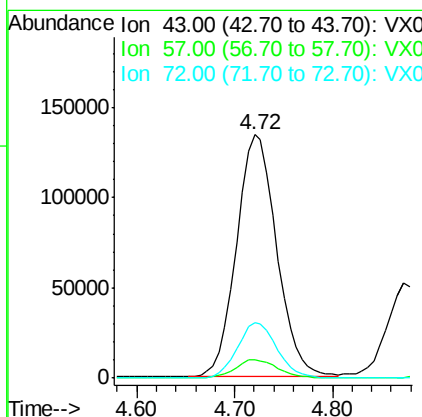
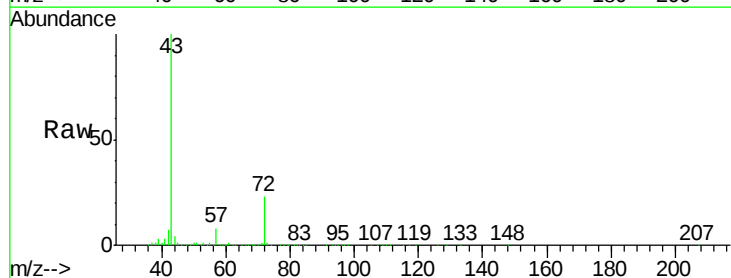
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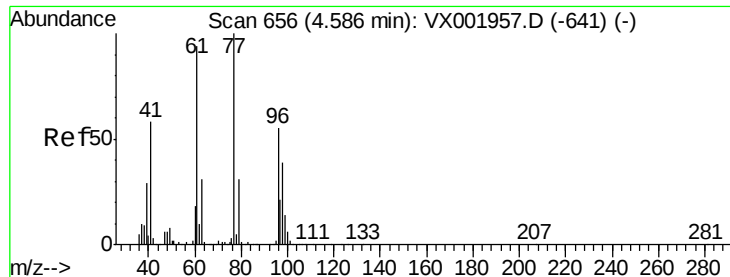
MMDadoda
 5/29/2018 4:39:20 PM



#30
 2-Butanone
 Concen: 104.896 ug/l
 RT: 4.72 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: VX001963.D
 Acq: 25 May 2018 02:06

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.6	6.1	9.1
72	22.7	18.1	27.1





#31

2,2-Dichloropropane

Concen: 17.229 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

Instrument :

MSVOA_X

ClientSampled :

VX0525WBS01

Tot Ion: 77 Resp: 78727

Ion Ratio Lower Upper

77 100

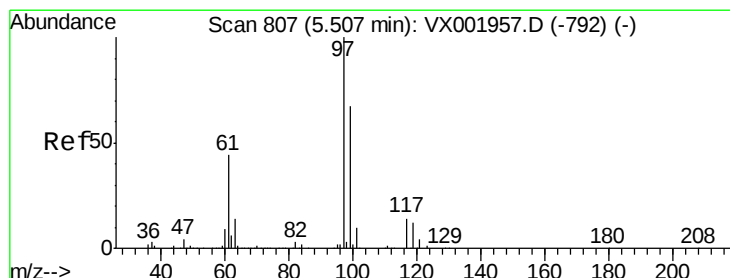
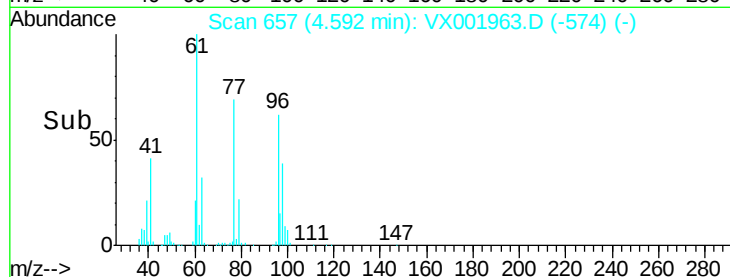
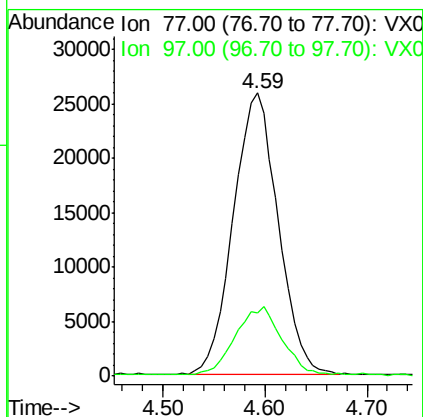
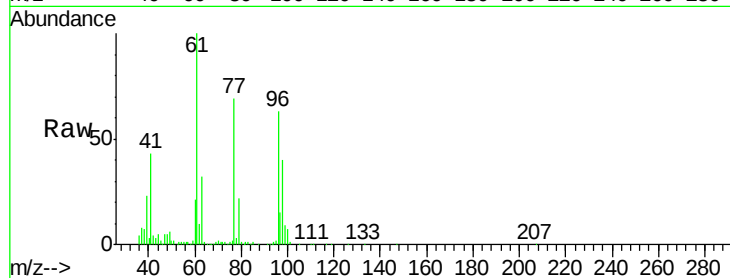
97 25.2 18.7 28.1

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#32

1,1,1-Trichloroethane

Concen: 20.717 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

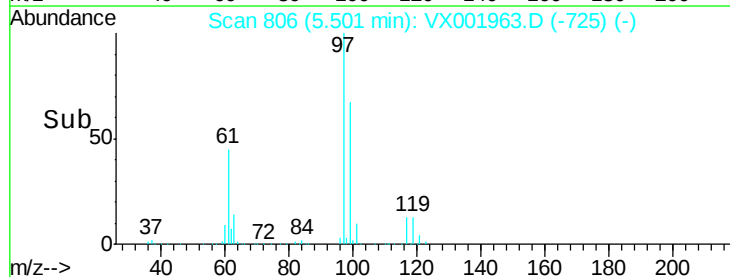
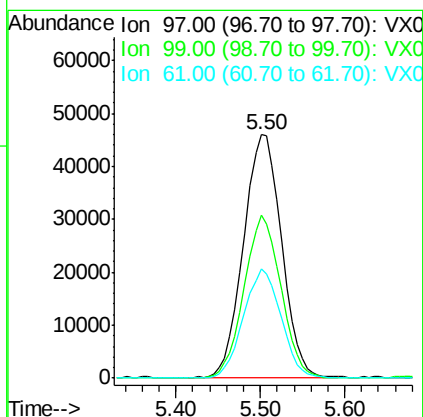
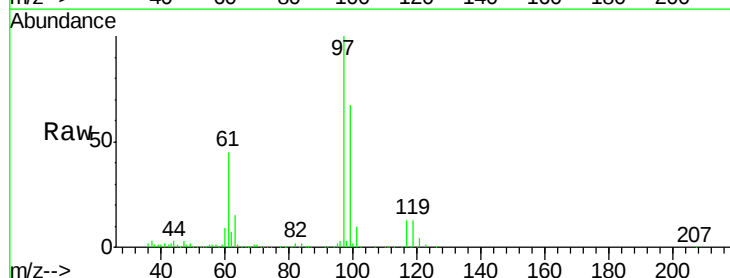
Tgt Ion: 97 Resp: 140682

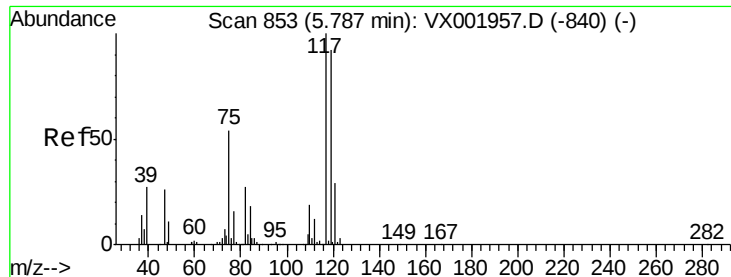
Ion Ratio Lower Upper

97 100

99 64.8 51.7 77.5

61 44.7 36.4 54.6





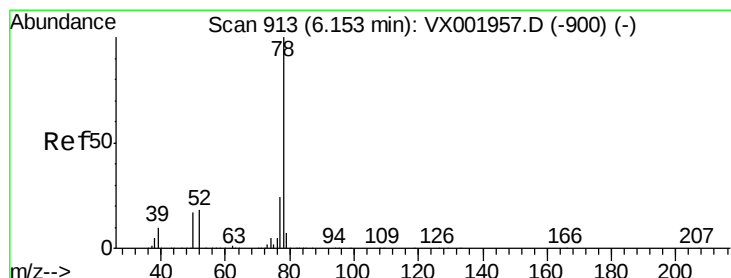
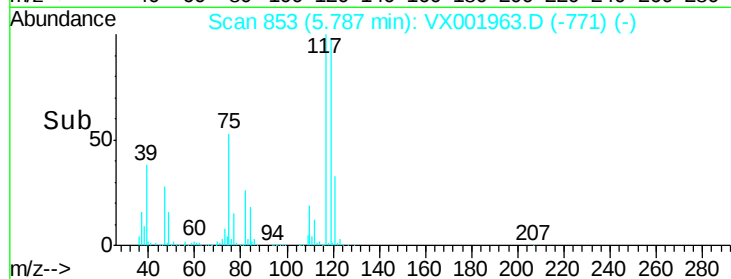
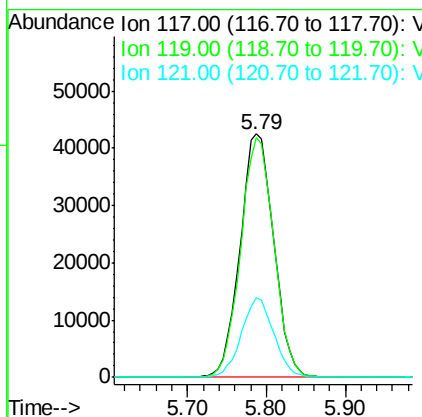
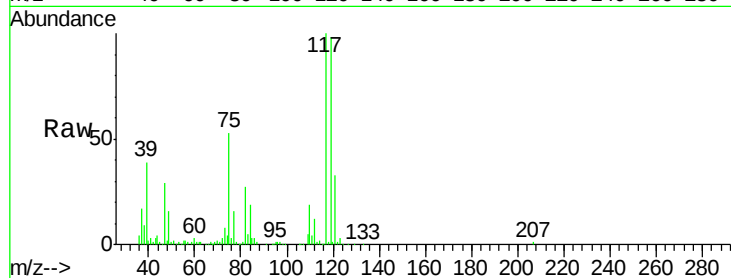
#33
Carbon Tetrachloride
Concen: 20.509 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001963.D
Acq: 25 May 2018 02:06

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
119	98.1	73.3	109.9
121	32.8	23.6	35.4

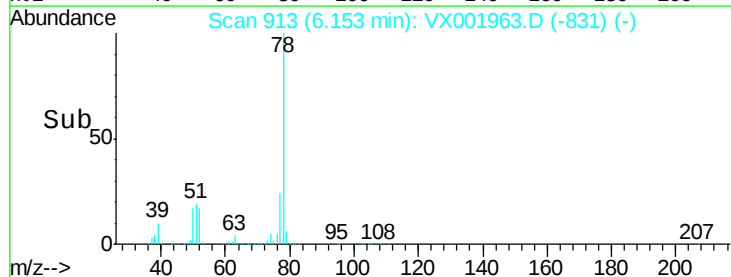
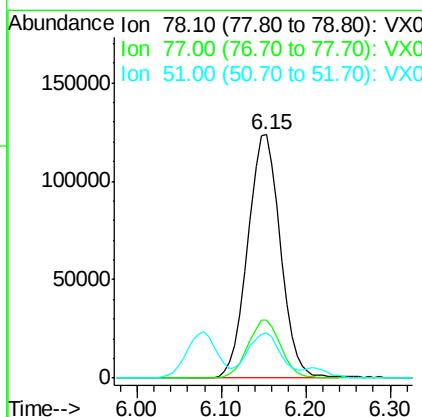
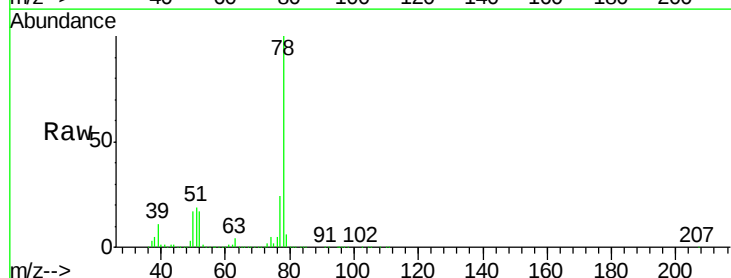
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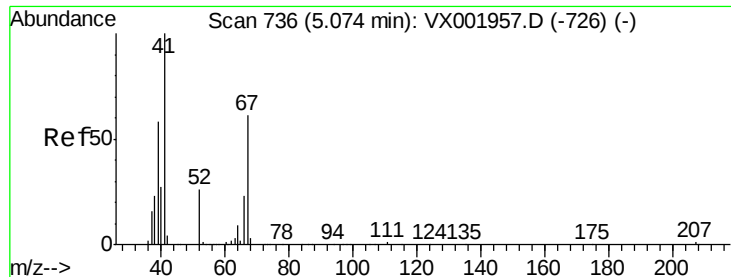
MMDadoda
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#34
Benzene
Concen: 20.776 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX001963.D
Acq: 25 May 2018 02:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.4	29.0
51	17.8	13.8	20.6





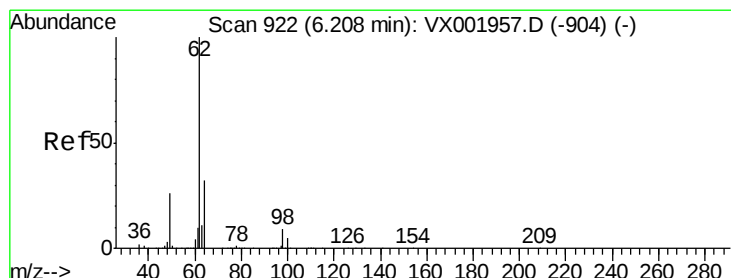
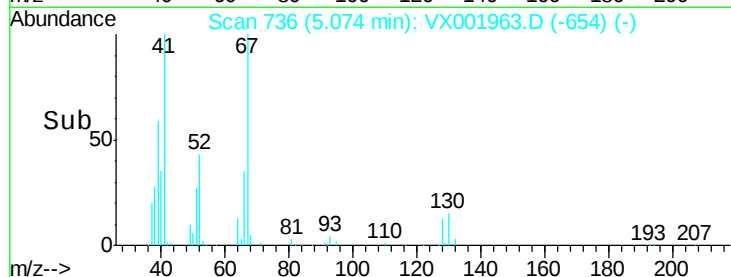
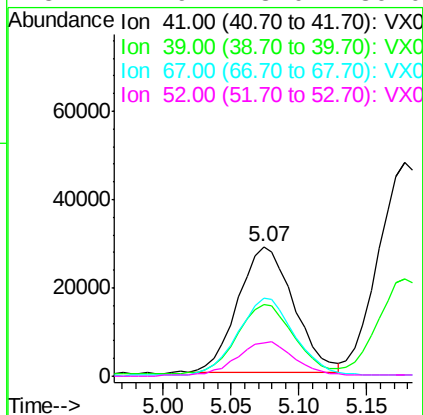
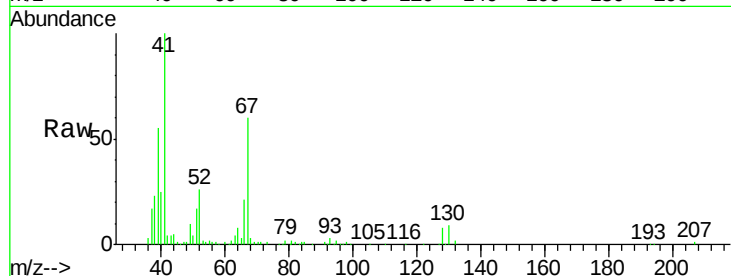
#35
Methacrylonitrile
Concen: 20.535 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX001963.D
Acq: 25 May 2018 02:06

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		82467		
39	54.6	28.8	86.5		
67	60.9	30.4	91.2		
52	24.9	13.0	39.0		

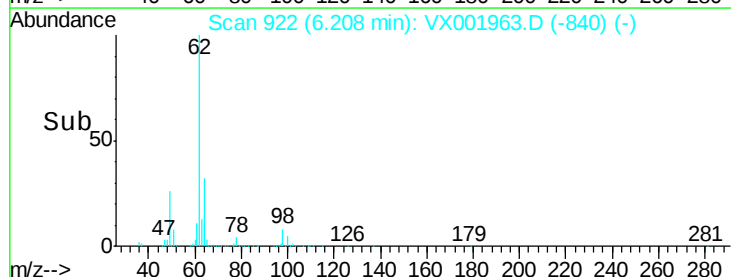
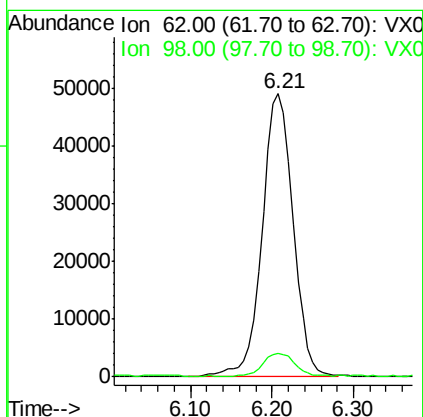
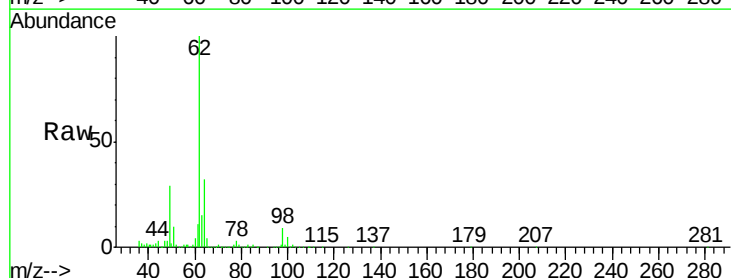
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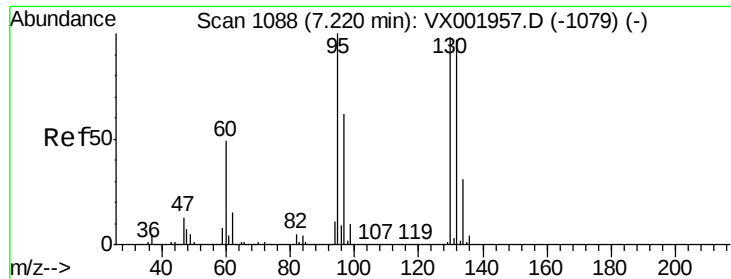
MMDadoda
5/29/2018 4:39:20 PM



#36
1,2-Dichloroethane
Concen: 21.226 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX001963.D
Acq: 25 May 2018 02:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		129836		
98	8.1	6.5	9.7		





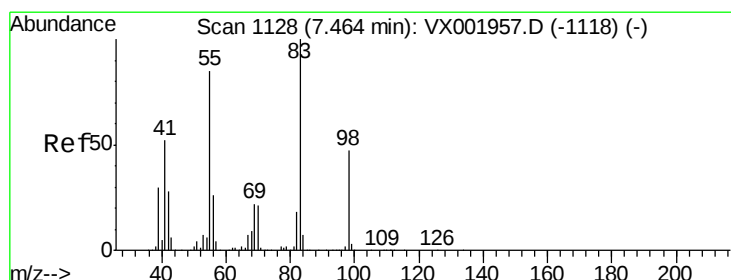
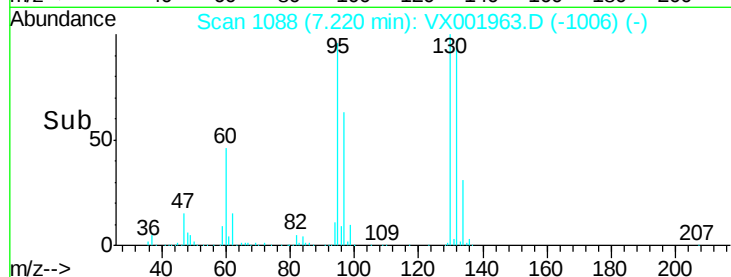
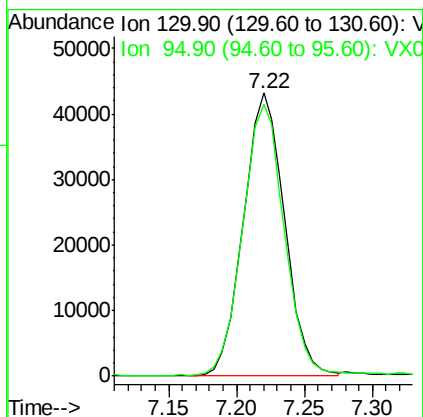
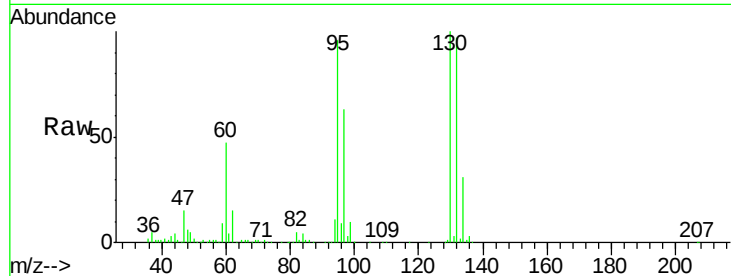
#37
 Trichloroethene
 Concen: 20.565 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX001963.D
 Acq: 25 May 2018 02:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525WBS01

Tot Ion:130 Resp: 91591
 Ion Ratio Lower Upper
 130 100
 95 95.9 81.5 122.3

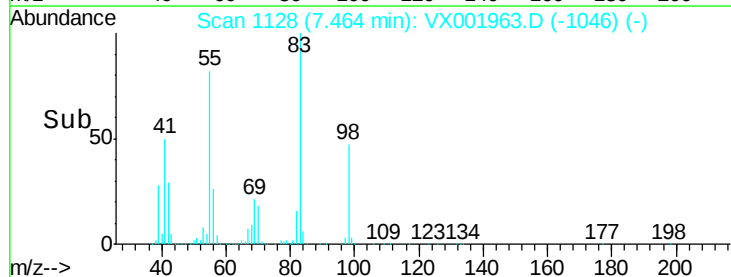
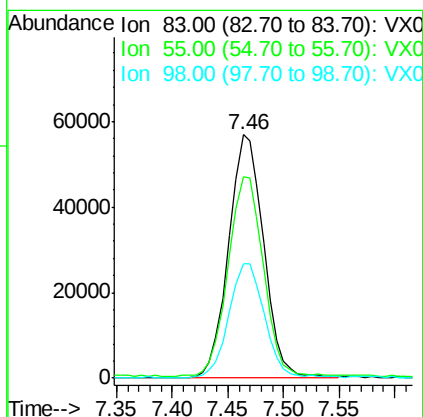
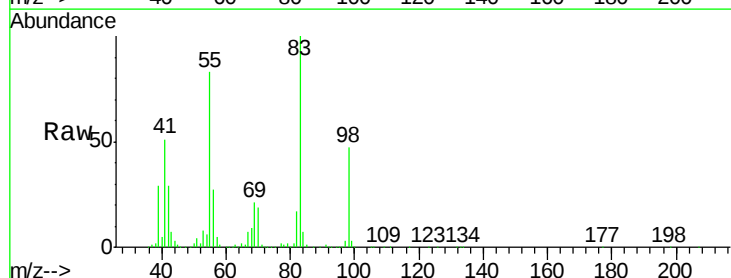
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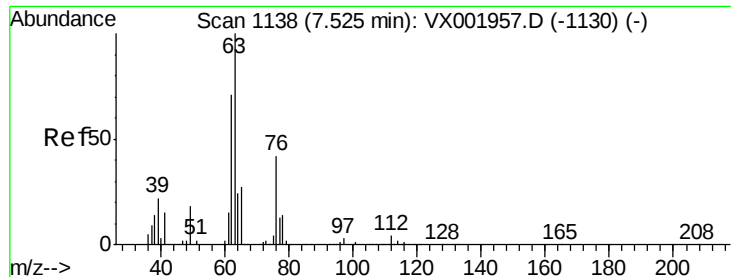
MMDadoda
 5/29/2018 4:39:20 PM



#38
 Methylcyclohexane
 Concen: 20.238 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: VX001963.D
 Acq: 25 May 2018 02:06

Tgt Ion: 83 Resp: 122769
 Ion Ratio Lower Upper
 83 100
 55 83.2 40.6 121.8
 98 47.6 23.5 70.5





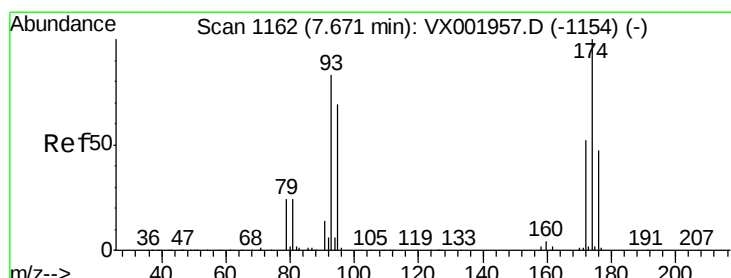
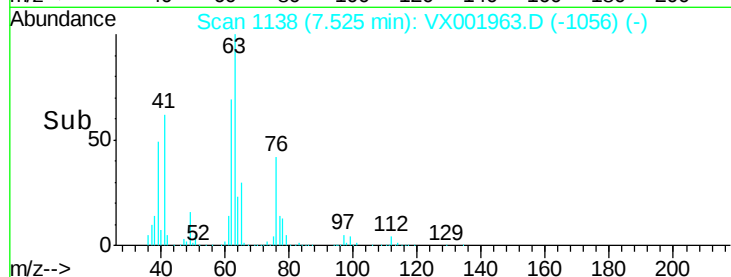
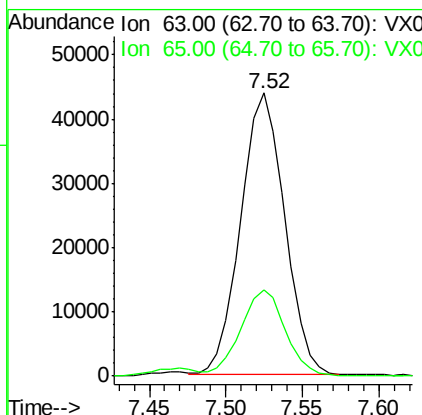
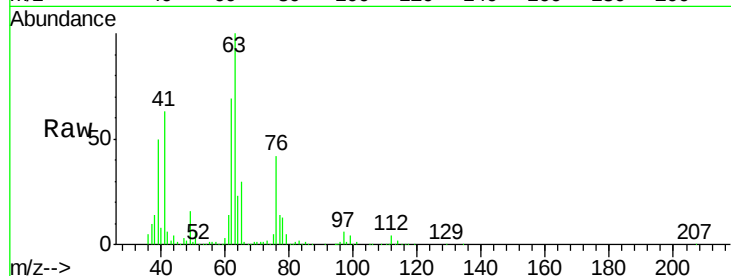
#39
 1,2-Dichloropropane
 Concen: 20.688 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX001963.D
 Acq: 25 May 2018 02:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525WBS01

Tot Ion	63	Resp	87821
Ion Ratio	Lower	Upper	
63	100		
65	30.2	23.3	34.9

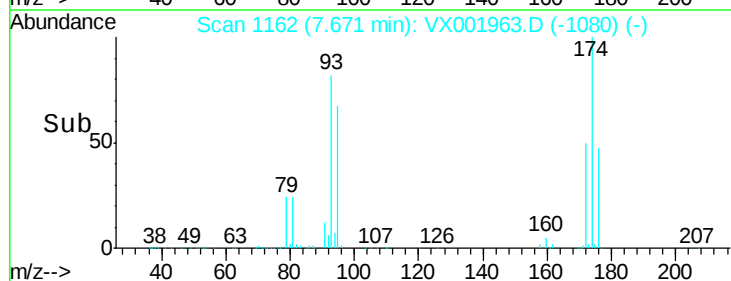
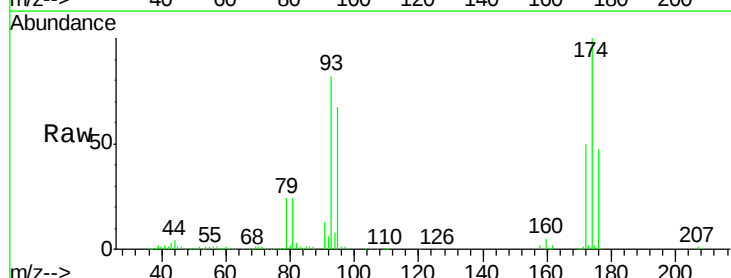
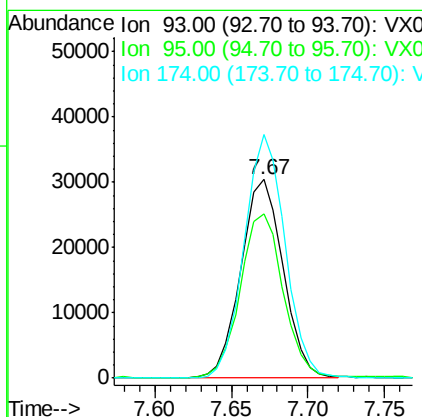
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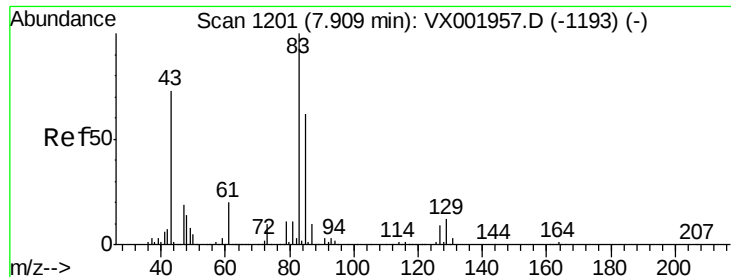
MMDadoda
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#40
 Dibromomethane
 Concen: 20.613 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX001963.D
 Acq: 25 May 2018 02:06

Tgt Ion	93	Resp	58706
Ion Ratio	Lower	Upper	
93	100		
95	82.7	0.0	162.6
174	118.6	0.0	229.4





#41

Bromodichloromethane

Concen: 20.619 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

Instrument :

MSVOA_X

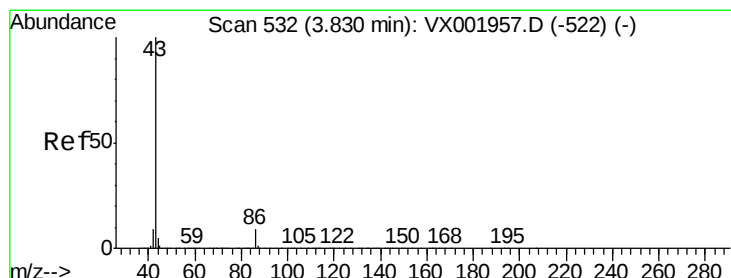
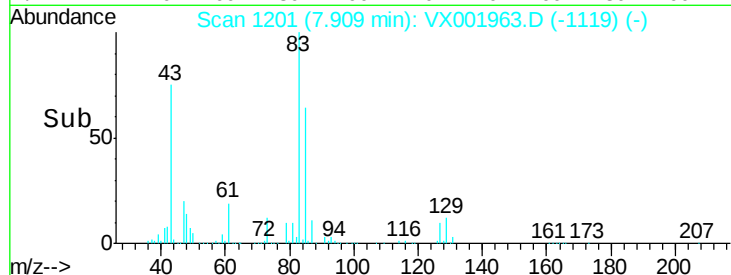
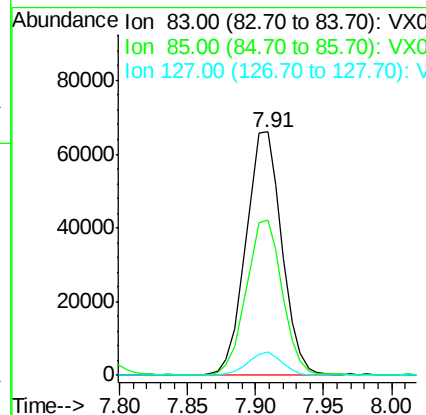
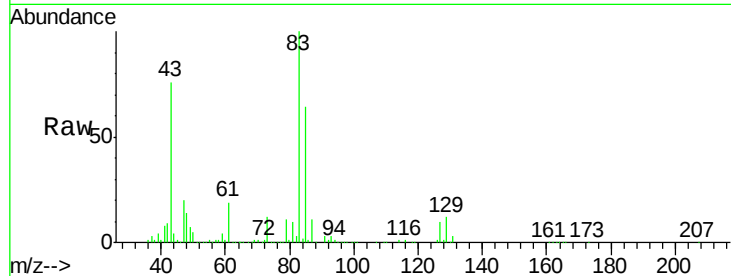
ClientSampleId :

VX0525WBS01

Tot Ion:	83	Resp:	121833
Ion	Ratio	Lower	Upper
83	100		
85	63.8	49.8	74.8
127	9.6	7.3	10.9

Manual Integrations
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5/29/2018 4:39:20 PM



#42

Vinyl Acetate

Concen: 105.971 ug/l

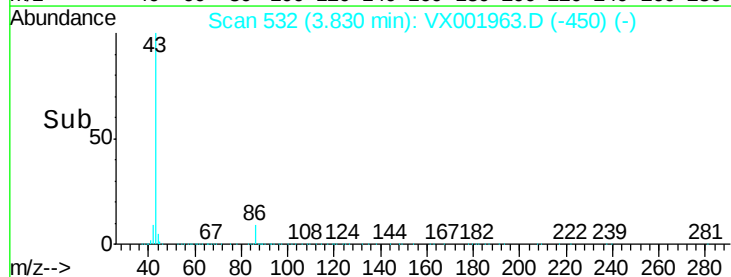
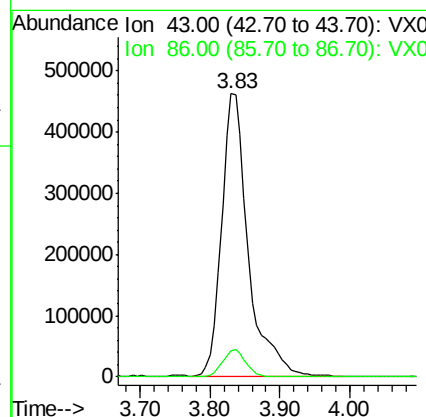
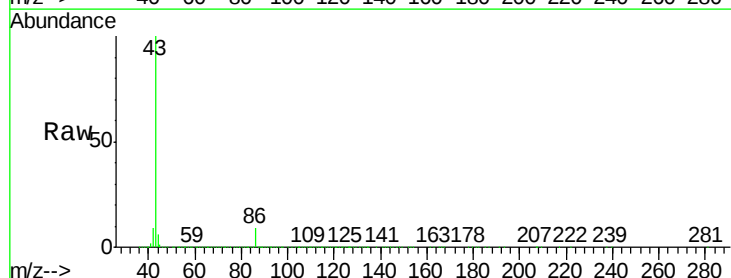
RT: 3.83 min Scan# 532

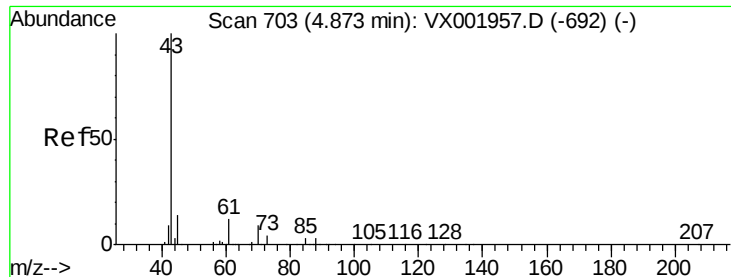
Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

Tgt Ion:	43	Resp:	1215882
Ion	Ratio	Lower	Upper
43	100		
86	8.5	6.7	10.1





#43

Ethyl Acetate

Concen: 21.239 ug/l

RT: 4.87 min Scan# 703

Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBS01

Tot Ion: 43 Resp: 151191

Ion Ratio Lower Upper

43 100

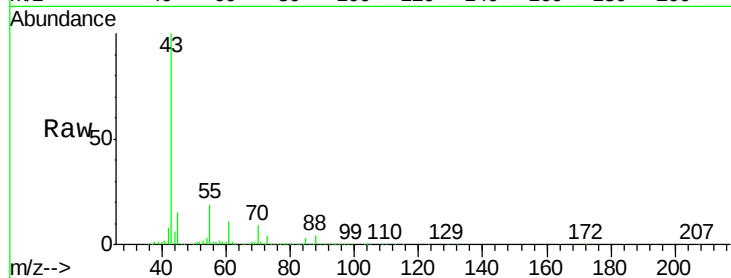
45 14.0 11.0 16.4

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

100000

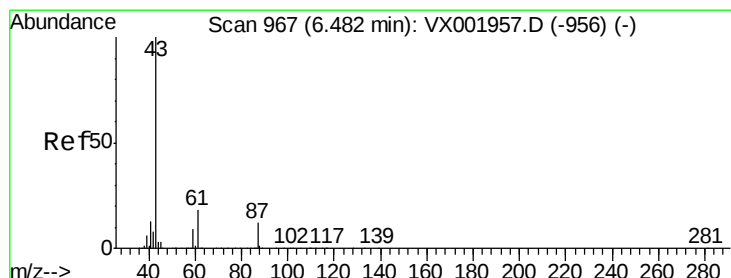
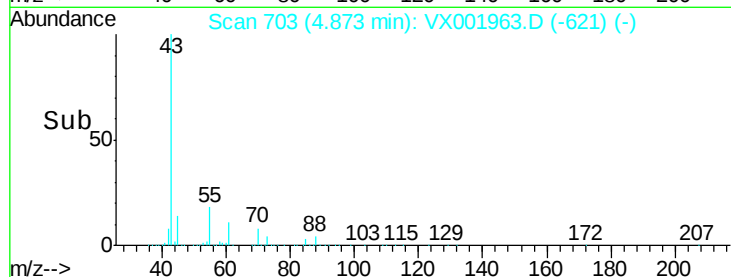
50000

0

4.87

4.80 4.90 5.00

Time-->



#44

Isopropyl Acetate

Concen: 21.020 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX001963.D

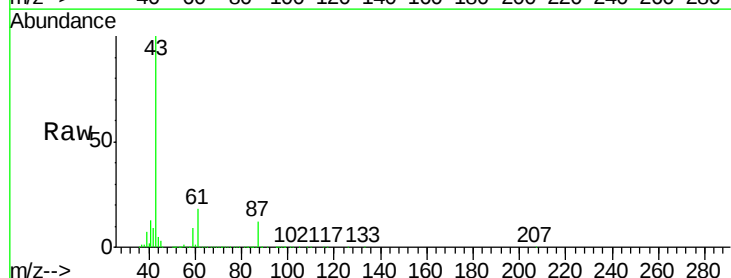
Acq: 25 May 2018 02:06

Tgt Ion: 43 Resp: 248824

Ion Ratio Lower Upper

43 100

61 17.9 14.5 21.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

100000

80000

60000

40000

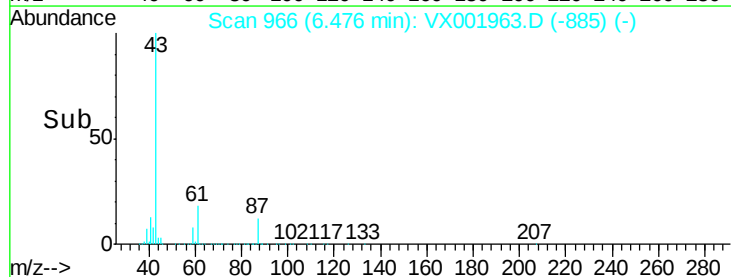
20000

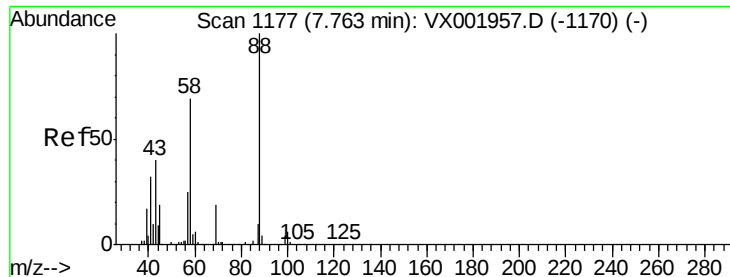
0

6.48

6.40 6.50 6.60

Time-->





#45

1,4-Dioxane

Concen: 423.644 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBS01

Tot Ion: 88 Resp: 47707

Ion Ratio Lower Upper

88 100

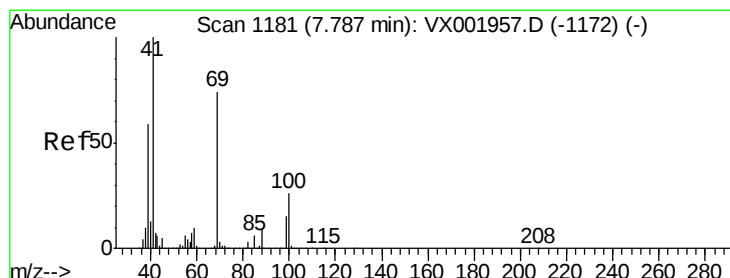
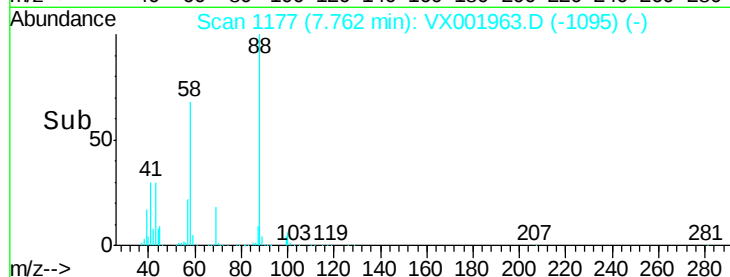
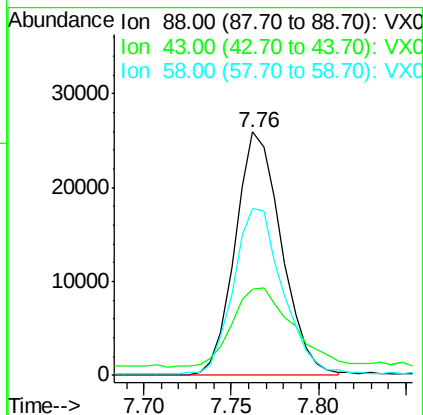
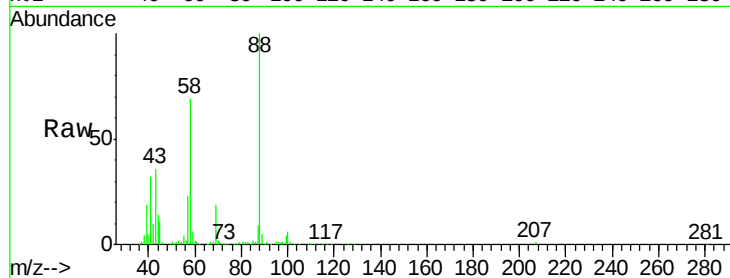
43 40.1 43.2 64.8#

58 72.5 60.2 90.2

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#46

Methyl methacrylate

Concen: 20.618 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

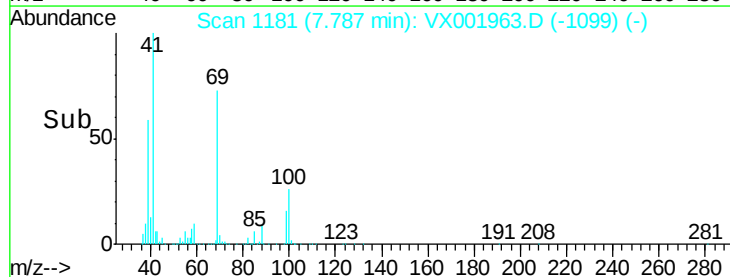
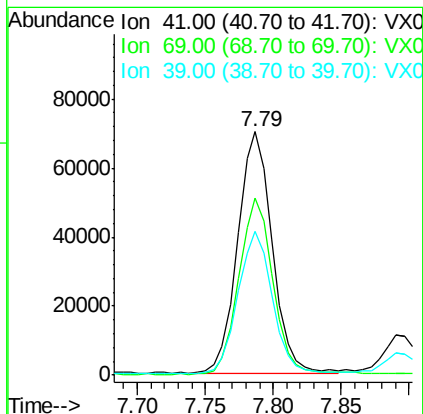
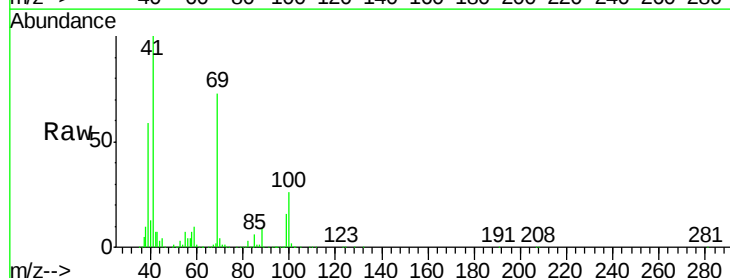
Tgt Ion: 41 Resp: 123592

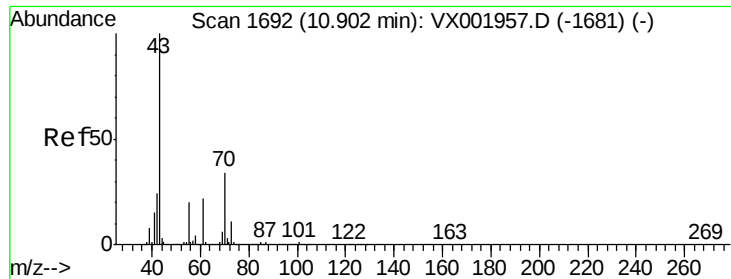
Ion Ratio Lower Upper

41 100

69 72.9 37.0 110.9

39 58.6 29.6 88.9





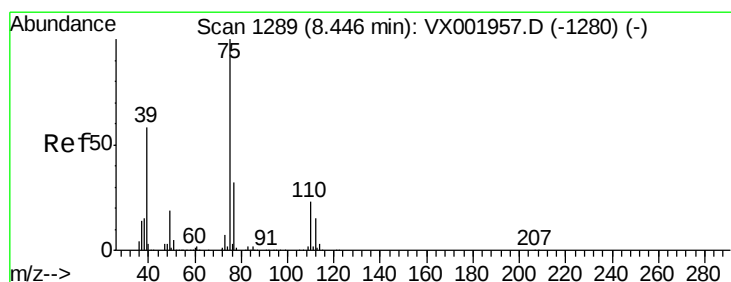
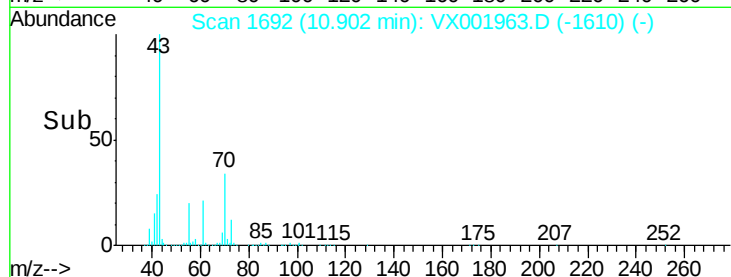
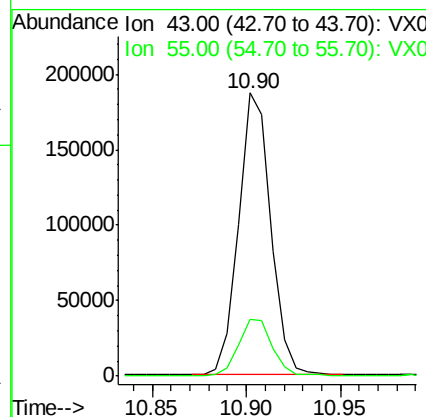
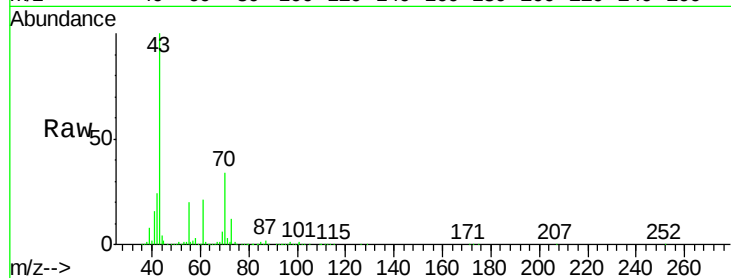
#47
n-amvl Acetate
Concen: 20.283 ug/l
RT: 10.90 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX001963.D
Acq: 25 May 2018 02:06

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBS01

Tot Ion: 43 Resp: 220877
Ion Ratio Lower Upper
43 100
55 20.7 0.1 0.1#

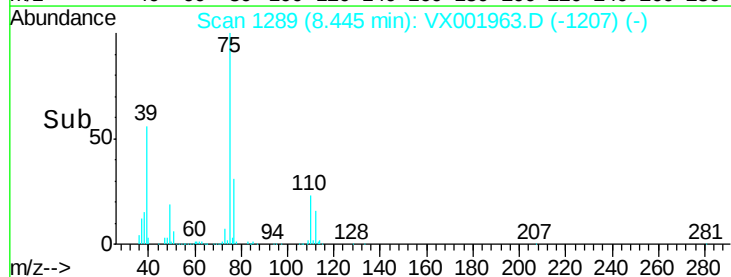
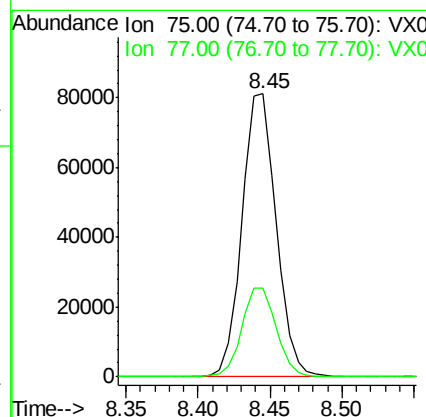
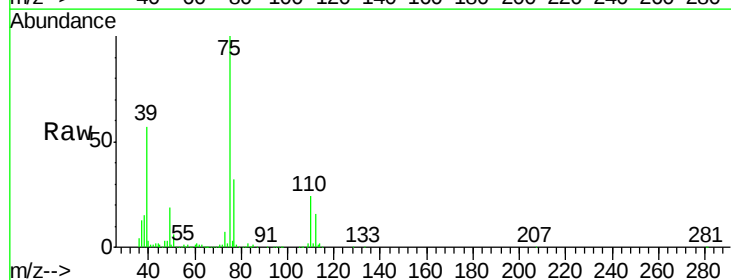
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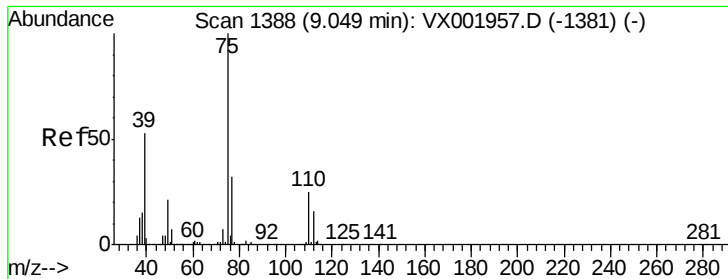
MMDadoda
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#48
t-1,3-Dichloropropene
Concen: 20.094 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VX001963.D
Acq: 25 May 2018 02:06

Tgt Ion: 75 Resp: 133418
Ion Ratio Lower Upper
75 100
77 31.3 25.6 38.4





#49

cis-1,3-Dichloropropene

Concen: 19.890 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

Instrument :

MSVOA_X

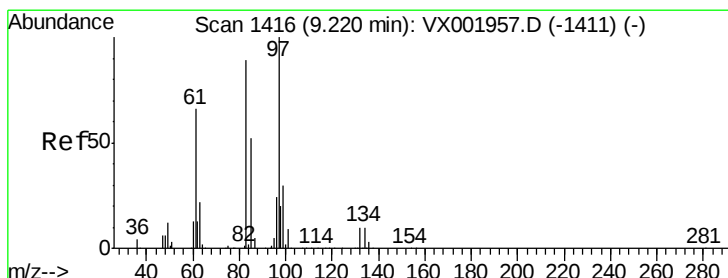
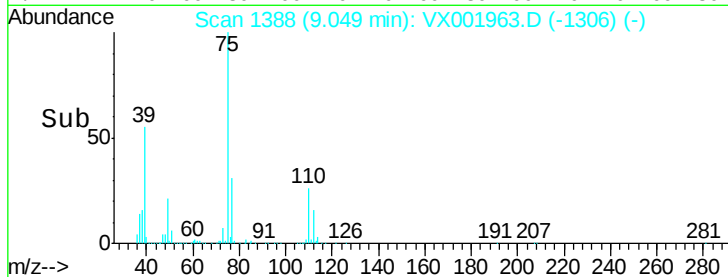
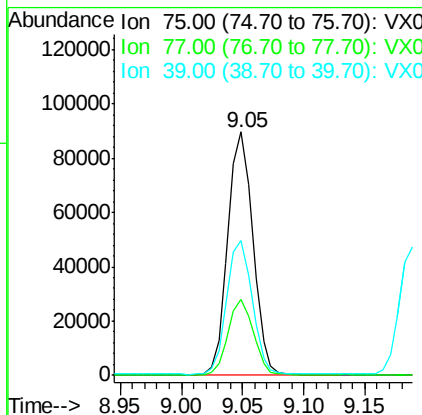
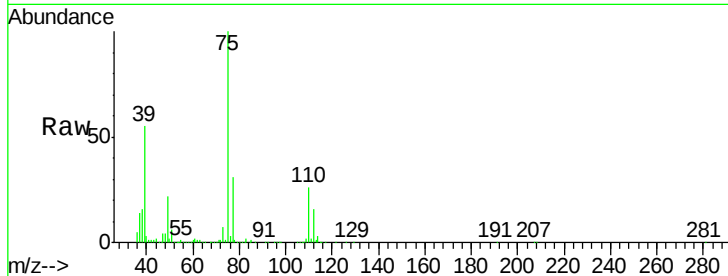
ClientSampleId :

VX0525WBS01

Tot Ion:	75	Resp:	127848
Ion Ratio		Lower	Upper
75	100		
77	31.0	25.4	38.2
39	54.9	42.3	63.5

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#50

1,1,2-Trichloroethane

Concen: 20.855 ug/l

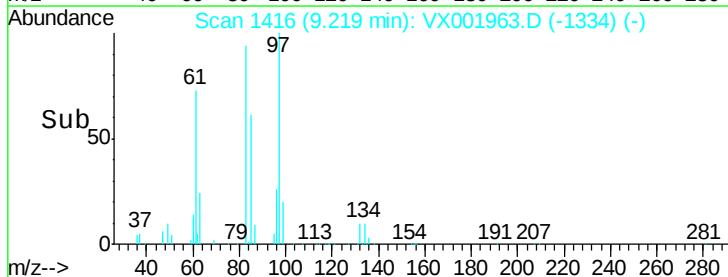
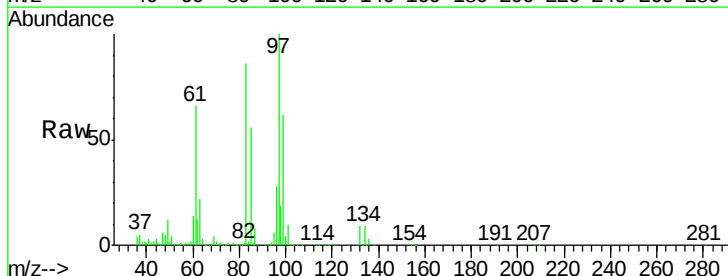
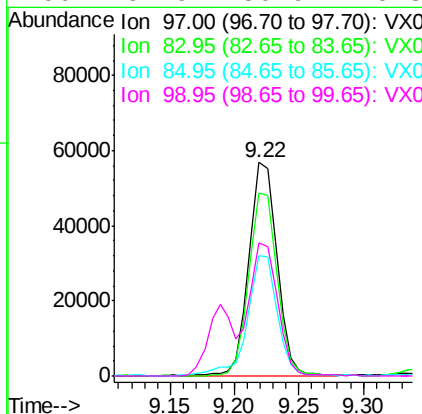
RT: 9.22 min Scan# 1416

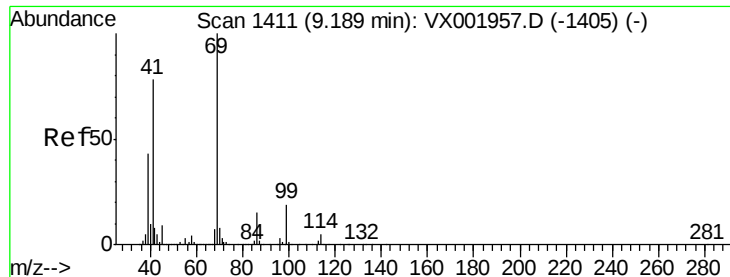
Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

Tgt Ion:	97	Resp:	85272
Ion Ratio		Lower	Upper
97	100		
83	85.6	70.8	106.2
85	55.9	43.5	65.3
99	61.9	50.9	76.3





#51

Ethyl methacrylate

Concen: 20.759 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

Instrument :

MSVOA_X

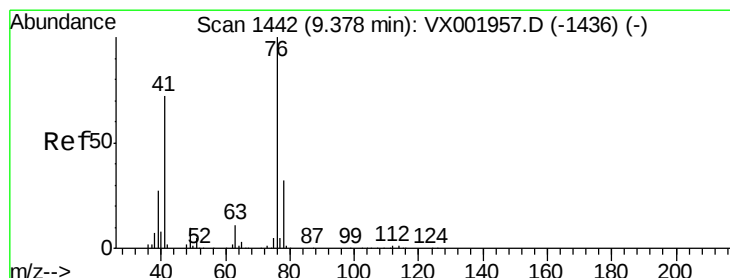
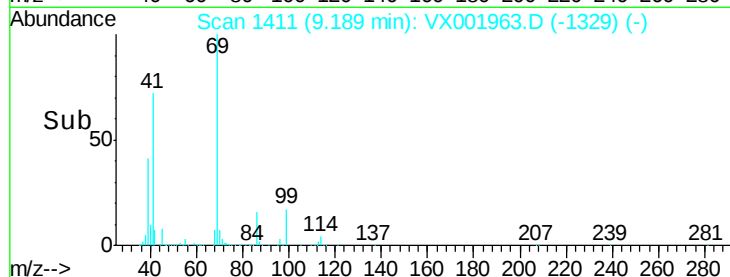
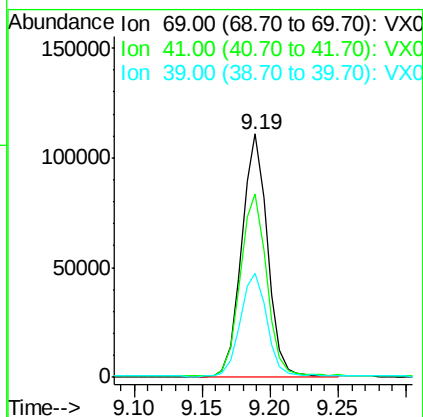
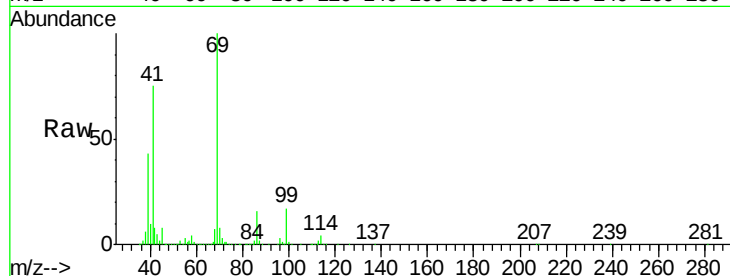
ClientSampled :

VX0525WBS01

Tot Ion:	69	Resp:	147031
Ion	Ratio	Lower	Upper
69	100		
41	74.7	39.1	117.3
39	42.4	21.7	65.1

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 20.638 ug/l

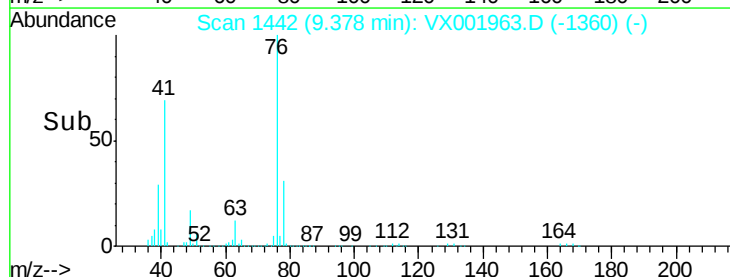
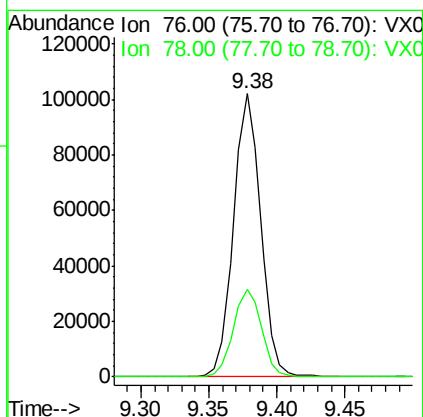
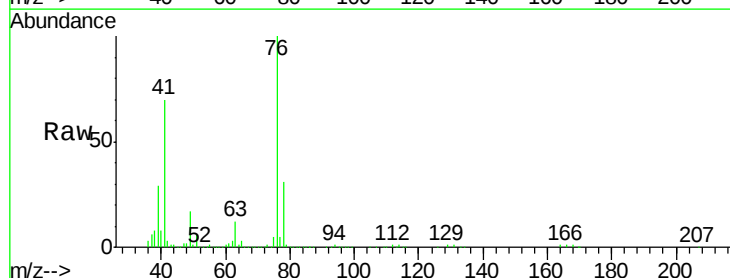
RT: 9.38 min Scan# 1442

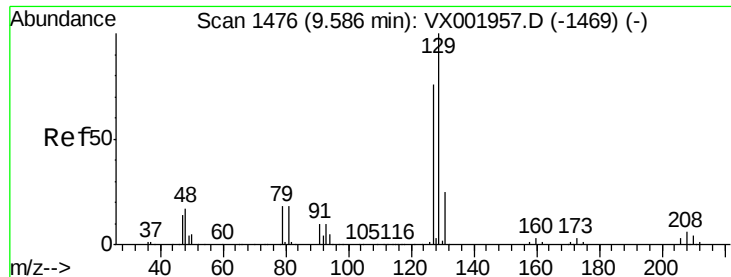
Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

Tgt Ion:	76	Resp:	142343
Ion	Ratio	Lower	Upper
76	100		
78	32.3	0.0	63.4





#53

Dibromochloromethane

Concen: 20.171 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. 0.01 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBS01

Tot Ion:129 Resp: 100759

Ion Ratio Lower Upper

129 100

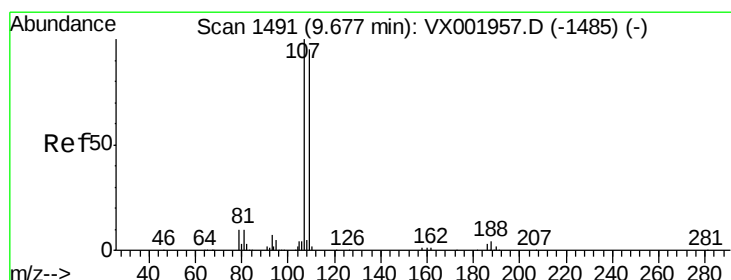
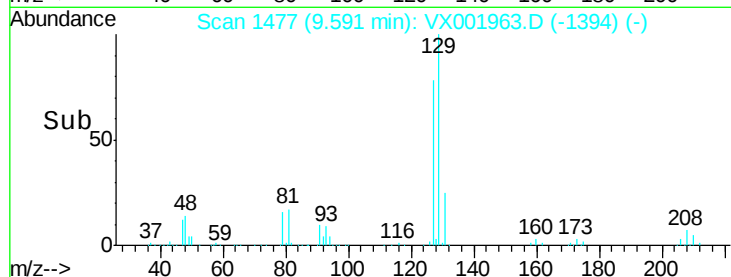
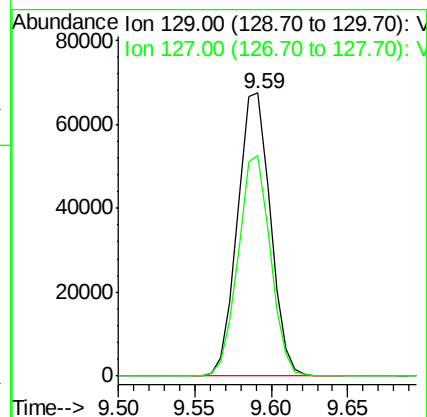
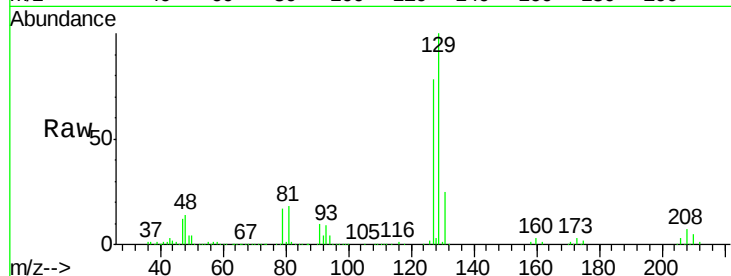
127 76.3 38.5 115.3

Manual Integrations

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#54

1,2-Dibromoethane

Concen: 20.433 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001963.D

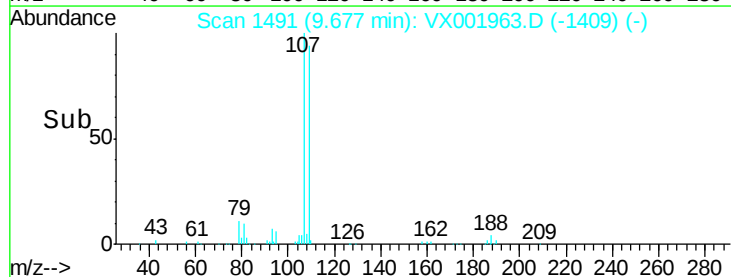
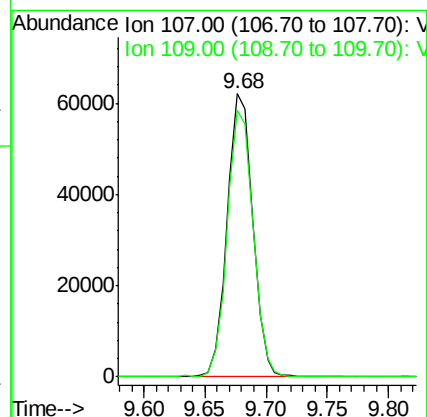
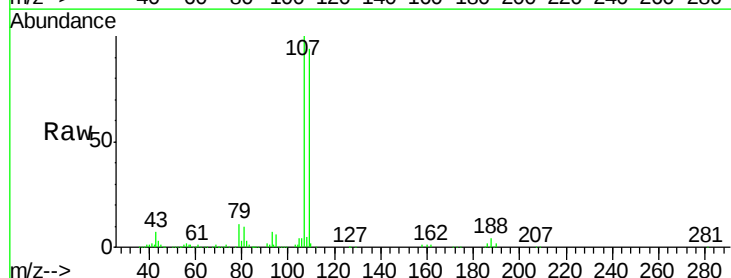
Acq: 25 May 2018 02:06

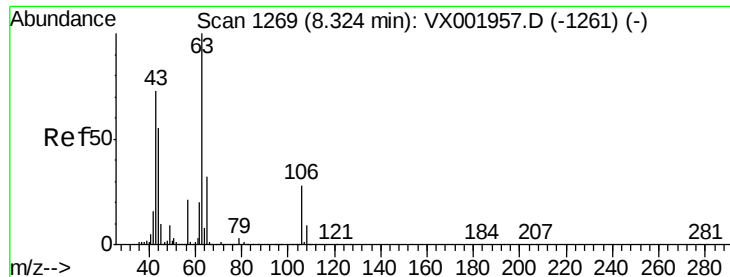
Tgt Ion:107 Resp: 90452

Ion Ratio Lower Upper

107 100

109 94.9 75.5 113.3





#55

2-Chloroethyl vinyl ether

Concen: 100.026 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBS01

Tot Ion: 63 Resp: 332540

Ion Ratio Lower Upper

63 100

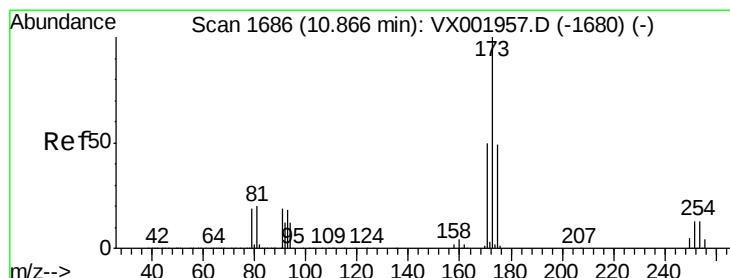
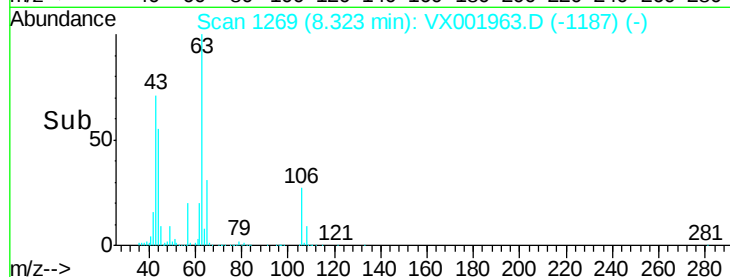
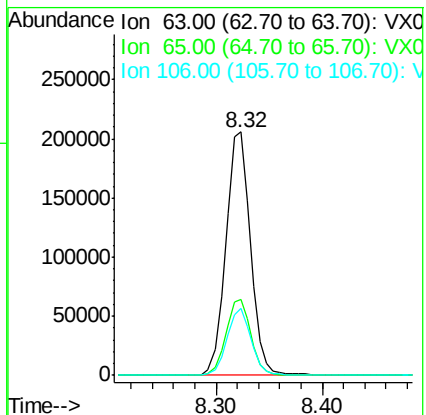
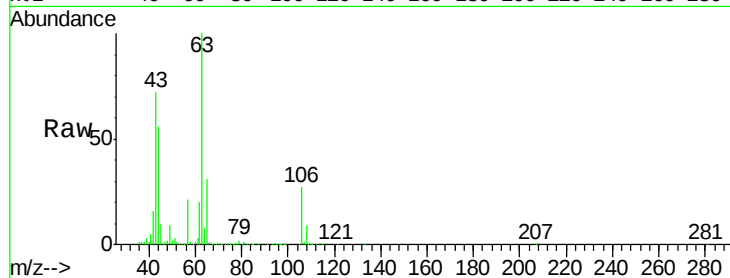
65 31.3 25.6 38.4

106 26.9 21.6 32.4

Manual Integrations
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#56

Bromoform

Concen: 19.421 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

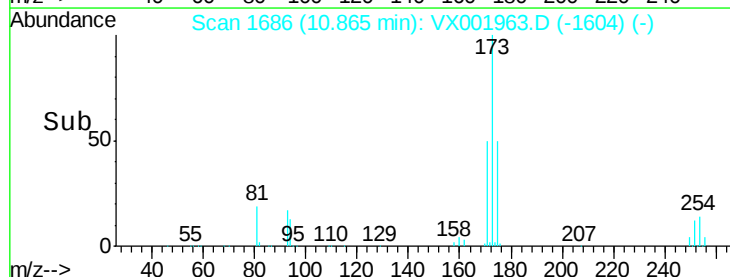
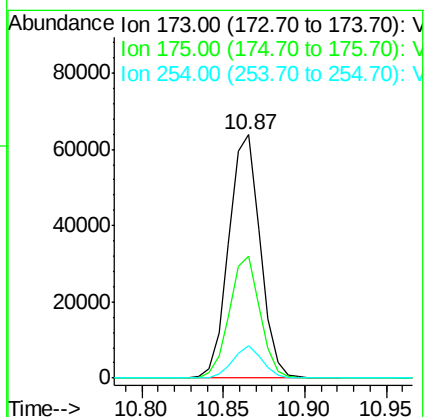
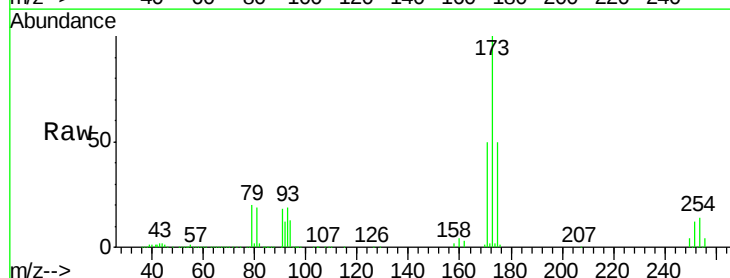
Tgt Ion: 173 Resp: 85305

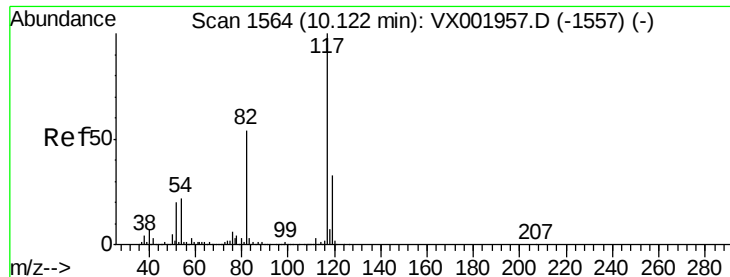
Ion Ratio Lower Upper

173 100

175 48.9 39.0 58.4

254 12.3 9.6 14.4





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

Instrument :

MSVOA_X

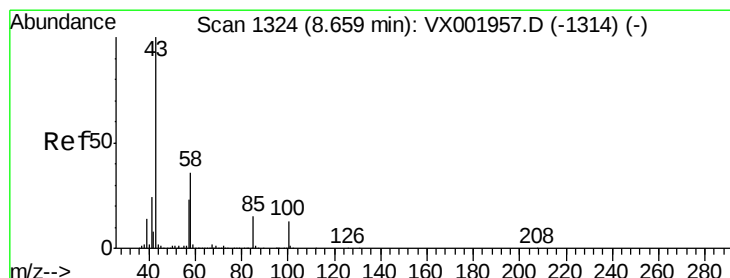
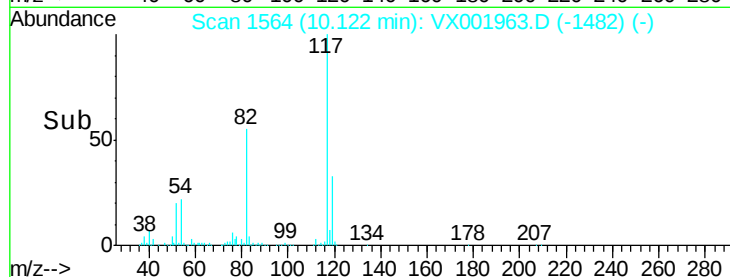
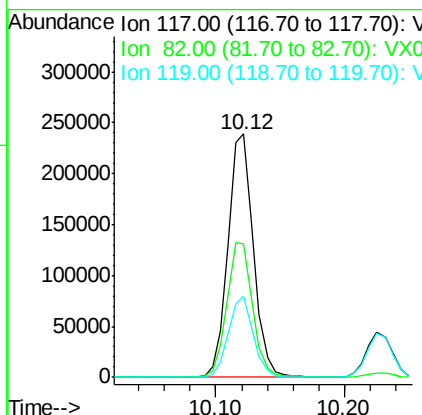
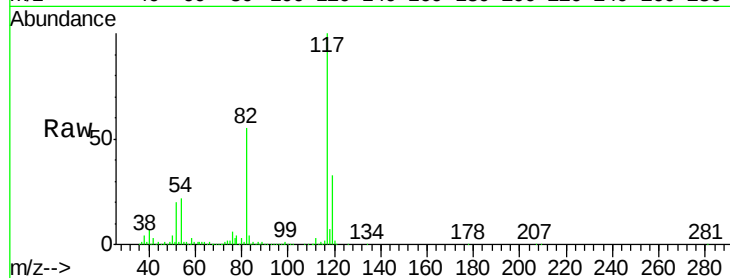
ClientSampleId :

VX0525WBS01

Tot Ion:	117	Resp:	333539
Ion Ratio		Lower	Upper
117	100		
82	56.0	44.3	66.5
119	32.5	25.7	38.5

Manual Integrations
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#58

4-Methyl-2-Pentanone

Concen: 105.997 ug/l

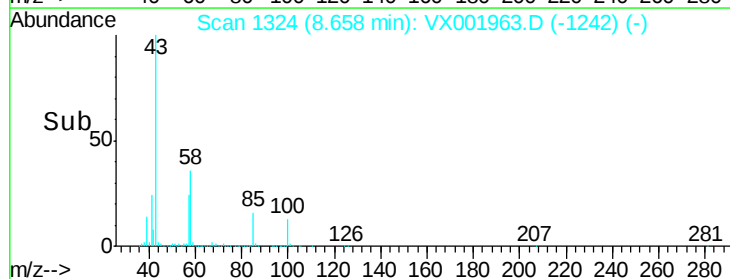
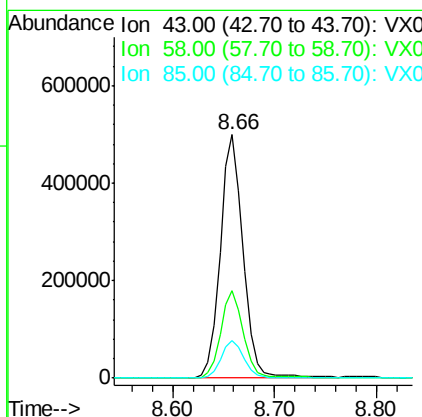
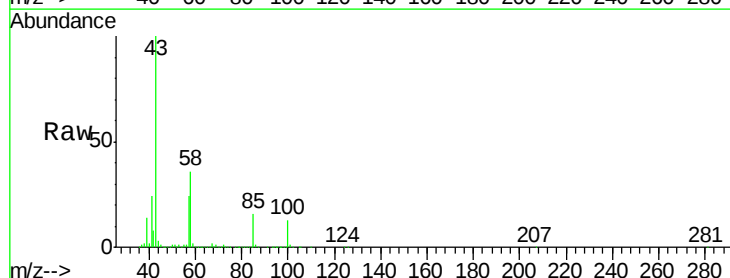
RT: 8.66 min Scan# 1324

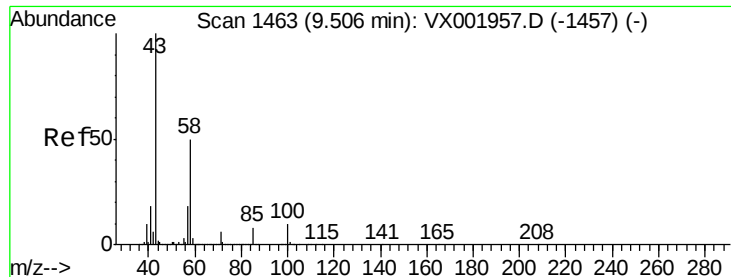
Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

Tgt Ion:	43	Resp:	769367
Ion Ratio		Lower	Upper
43	100		
58	35.3	28.2	42.4
85	15.6	12.4	18.6





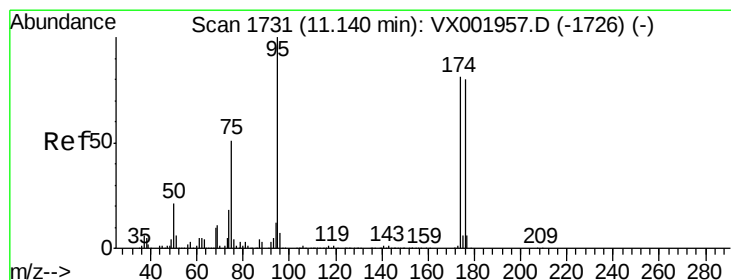
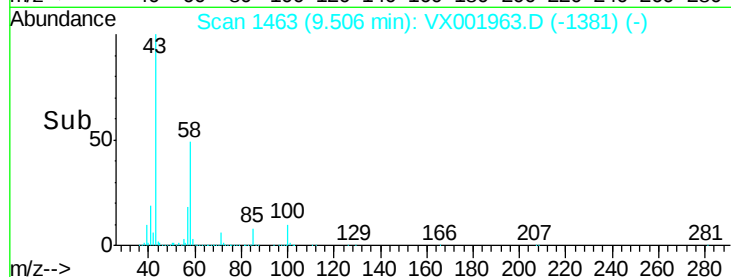
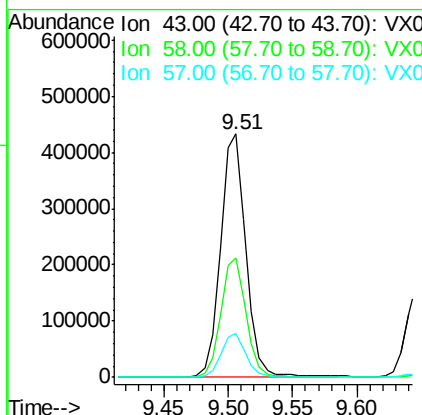
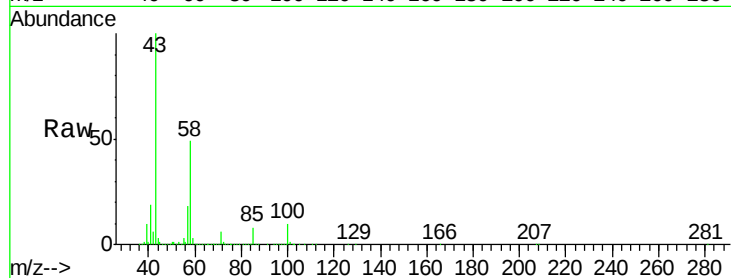
#59
2-Hexanone
Concen: 105.222 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX001963.D
Acq: 25 May 2018 02:06

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	49.1	39.6	59.4
57	17.4	14.1	21.1

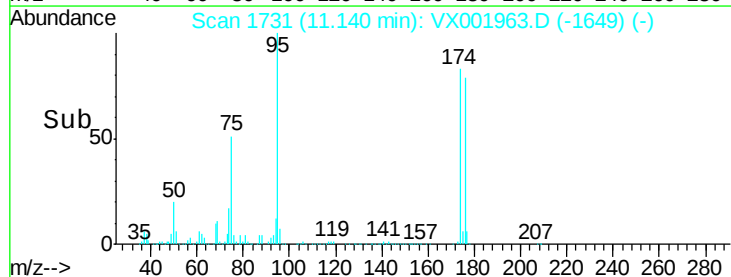
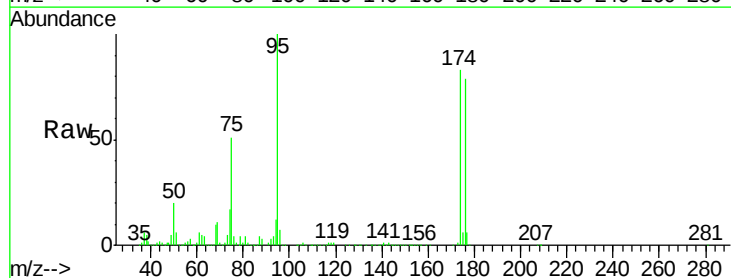
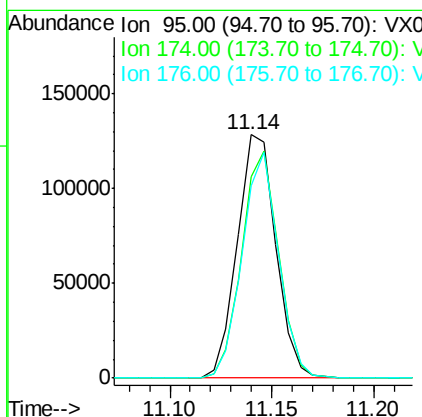
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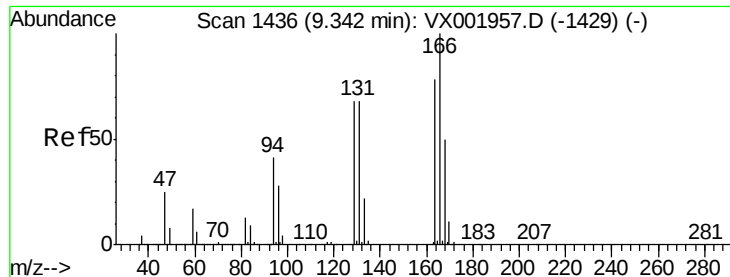
MMDadoda
5/29/2018 4:39:20 PM



#60
4-Bromofluorobenzene
Concen: 29.534 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001963.D
Acq: 25 May 2018 02:06

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.0	71.8	107.6
176	88.1	70.1	105.1





#61

Tetrachloroethene

Concen: 20.554 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBS01

Tot Ion:164 Resp: 104563

Ion Ratio Lower Upper

164 100

166 127.0 102.4 153.6

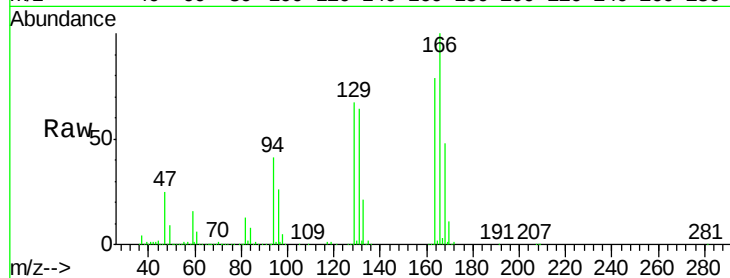
129 85.0 70.1 105.1

131 81.7 69.1 103.7

Manual Integrations
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MMDadoda

5/29/2018 4:39:20 PM

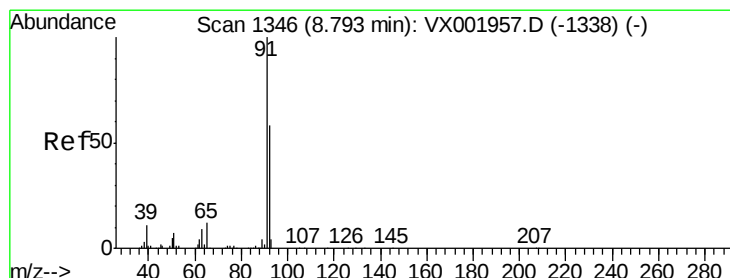
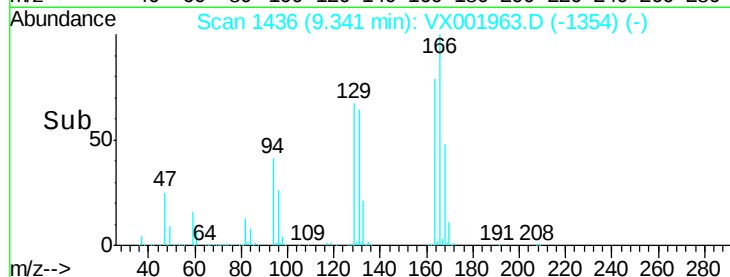
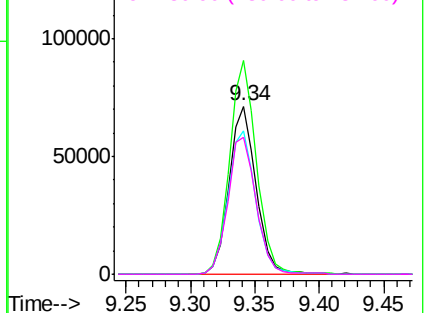


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 20.813 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX001963.D

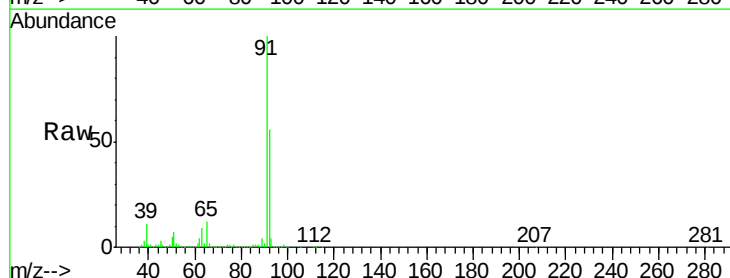
Acq: 25 May 2018 02:06

Tgt Ion: 91 Resp: 354522

Ion Ratio Lower Upper

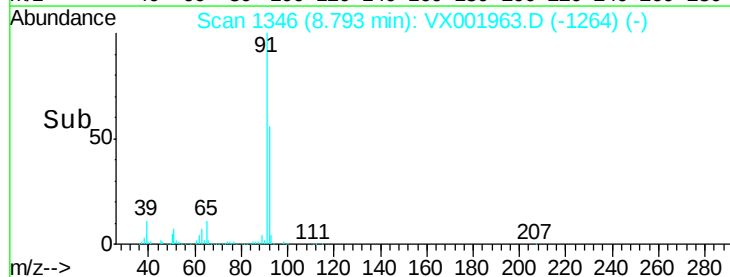
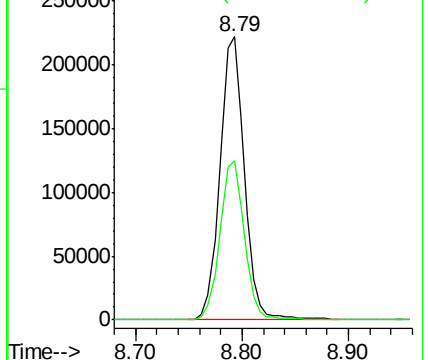
91 100

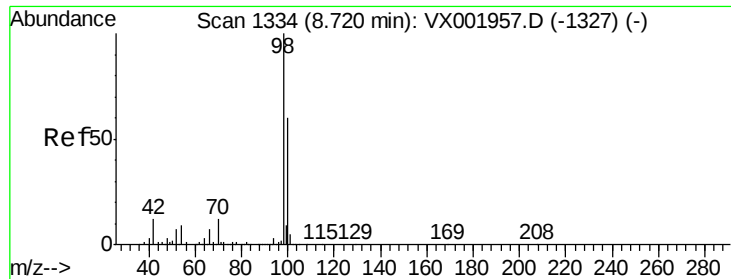
92 56.9 46.5 69.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





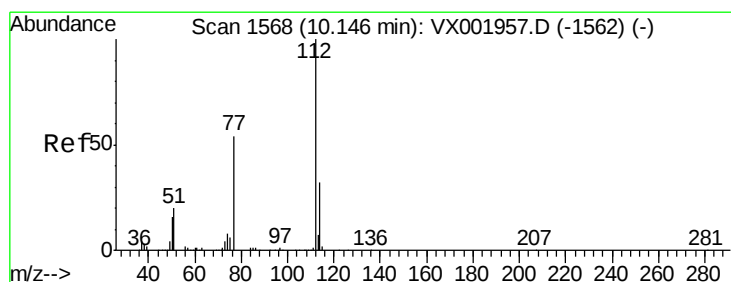
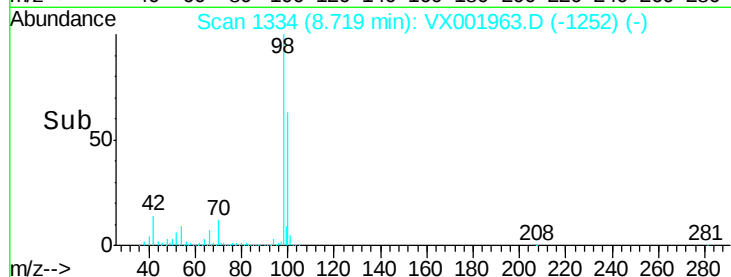
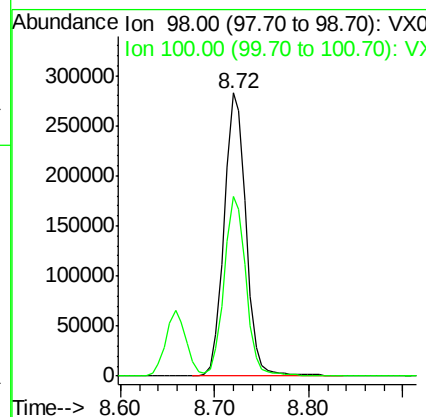
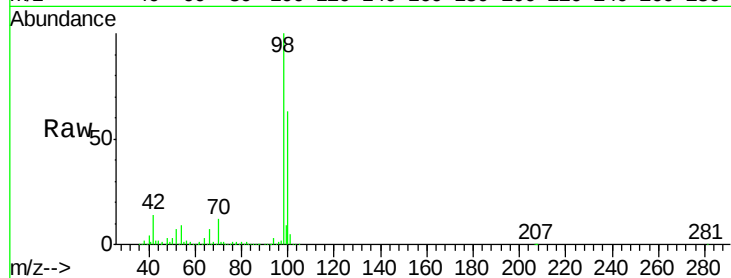
#63
Toluene-d8
Concen: 30.503 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001963.D
Acq: 25 May 2018 02:06

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBS01

Tot Ion: 98 Resp: 453448
Ion Ratio Lower Upper
98 100
100 64.0 50.8 76.2

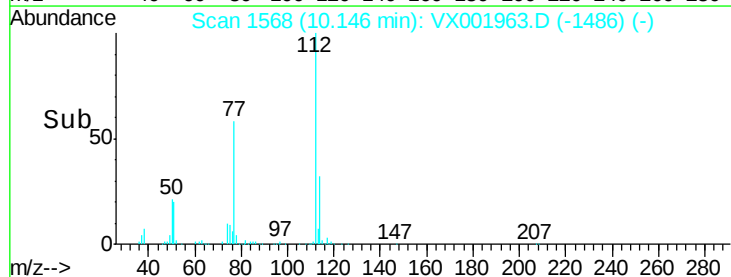
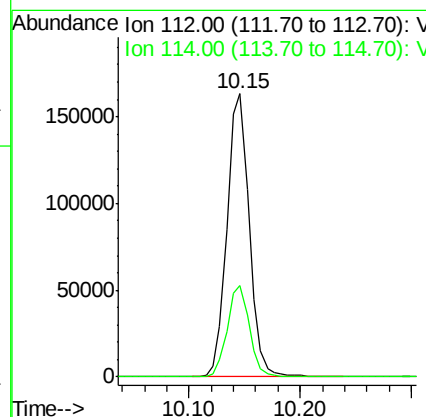
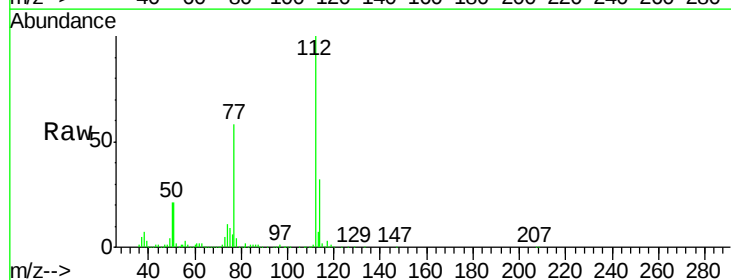
Manual Integrations
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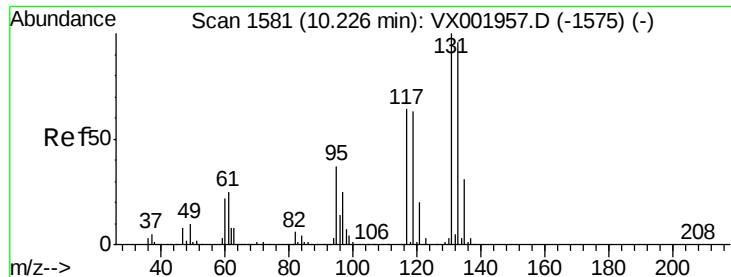
MMDadoda
5/29/2018 4:39:20 PM



#64
Chlorobenzene
Concen: 20.425 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001963.D
Acq: 25 May 2018 02:06

Tgt Ion: 112 Resp: 225175
Ion Ratio Lower Upper
112 100
114 32.1 25.6 38.4





#65

1,1,1,2-Tetrachloroethane

Concen: 20.590 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

Instrument :

MSVOA_X

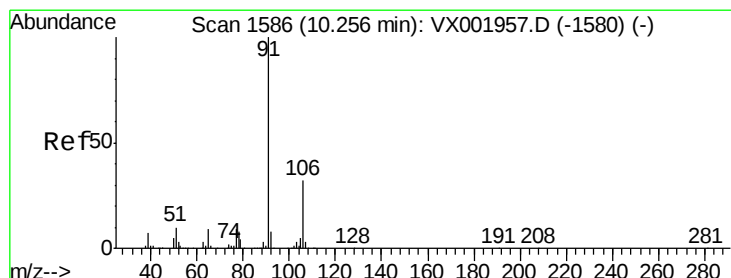
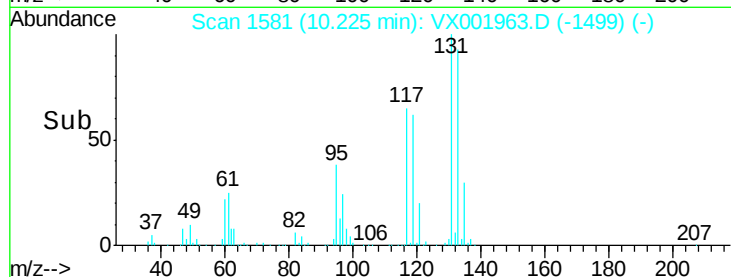
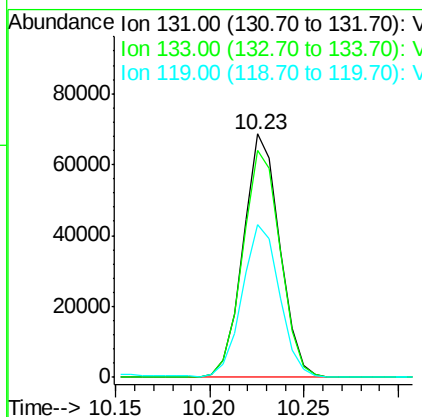
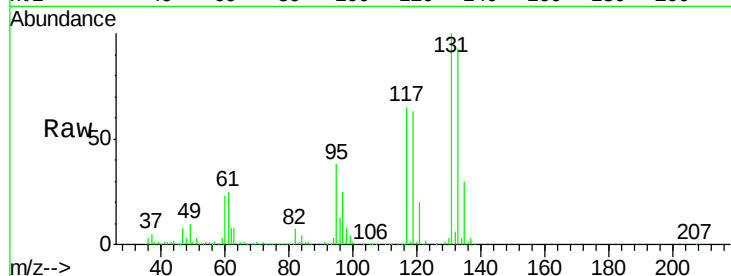
ClientSampleId :

VX0525WBS01

Tot Ion:	131	Resp:	92375
Ion	Ratio	Lower	Upper
131	100		
133	95.6	0.0	191.2
119	63.9	0.0	125.4

Manual Integrations
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#66

Ethyl Benzene

Concen: 20.751 ug/l

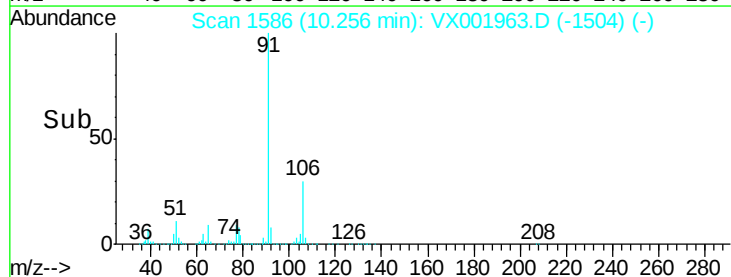
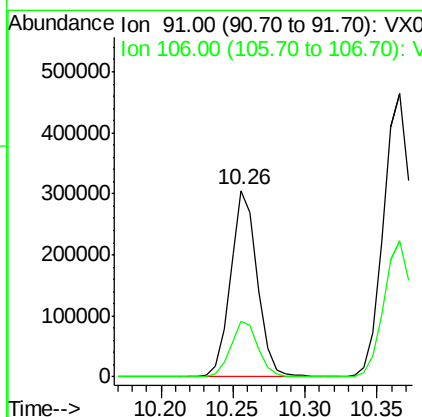
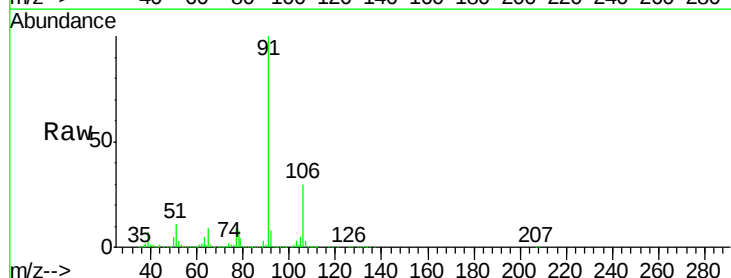
RT: 10.26 min Scan# 1586

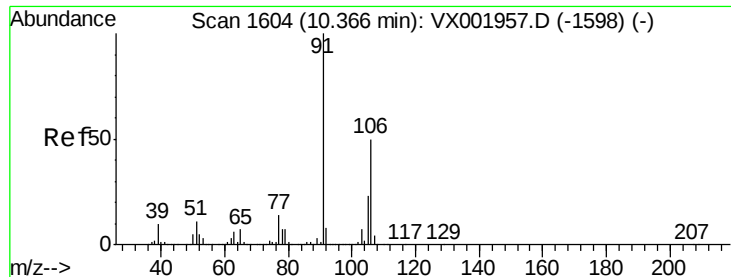
Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

Tgt Ion:	91	Resp:	397266
Ion	Ratio	Lower	Upper
91	100		
106	29.5	25.2	37.8





#67

m/p-Xvlenes

Concen: 41.009 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBS01

Tot Ion:106 Resp: 298041

Ion Ratio Lower Upper

106 100

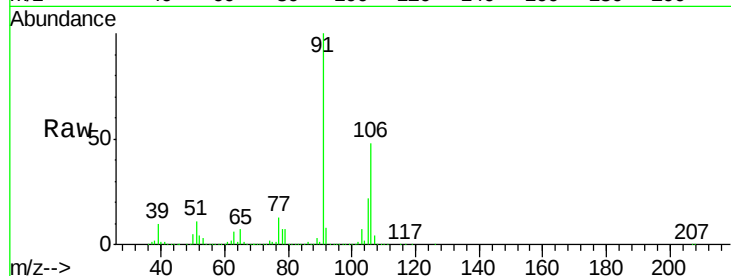
91 209.2 164.1 246.1

Manual Integrations

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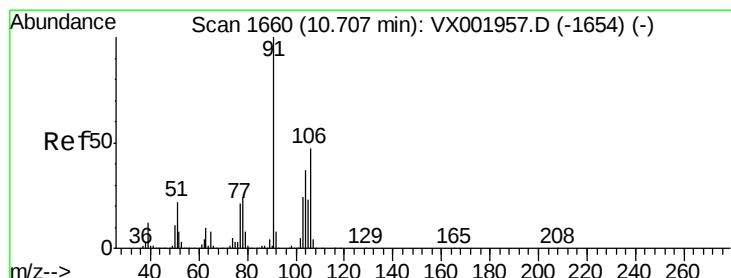
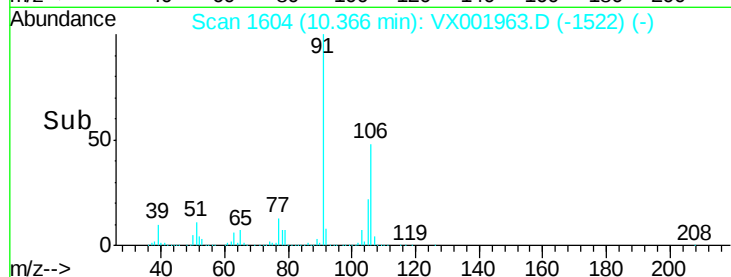
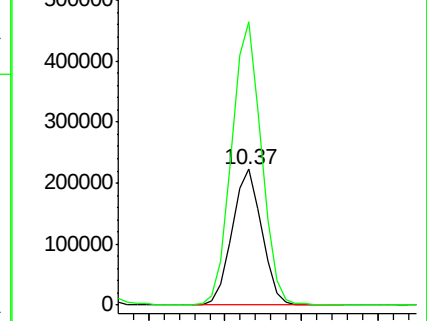
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 20.602 ug/l

RT: 10.71 min Scan# 1660

Delta R.T. -0.00 min

Lab File: VX001963.D

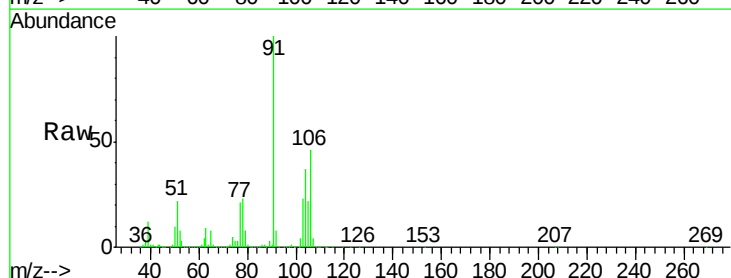
Acq: 25 May 2018 02:06

Tgt Ion:106 Resp: 149964

Ion Ratio Lower Upper

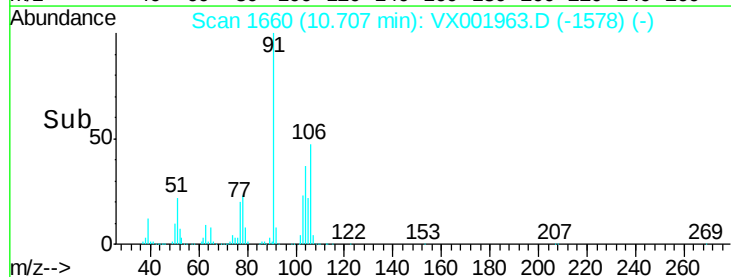
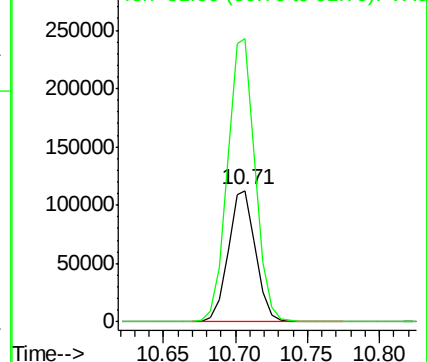
106 100

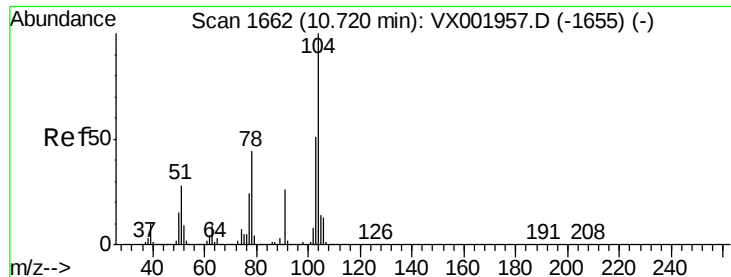
91 218.0 109.1 327.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





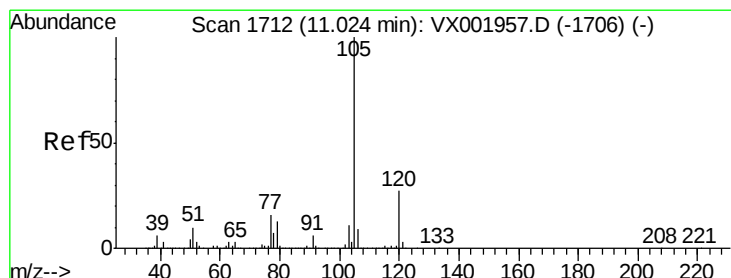
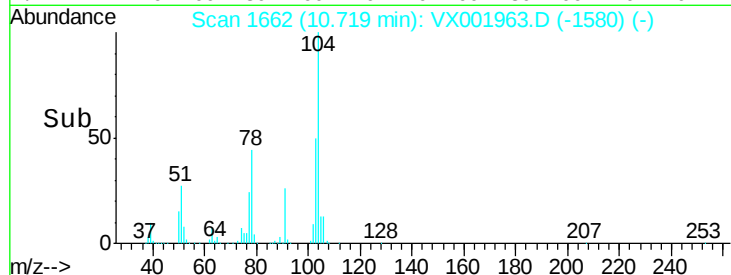
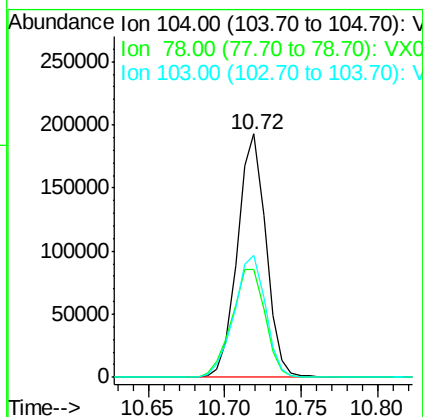
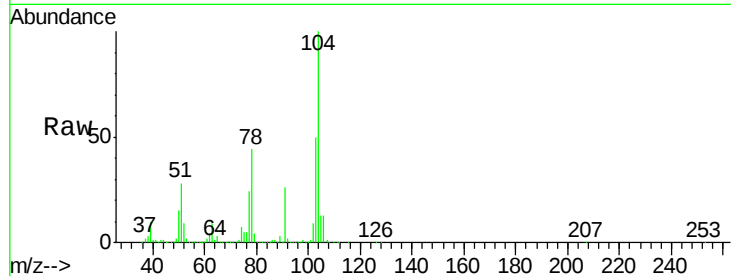
#69
Stvrene
Concen: 20.423 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001963.D
Acq: 25 May 2018 02:06

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBS01

Tot Ion	Ratio	Resp	Lower	Upper
104	100	249554		
78	52.5		41.8	62.8
103	55.3		44.9	67.3

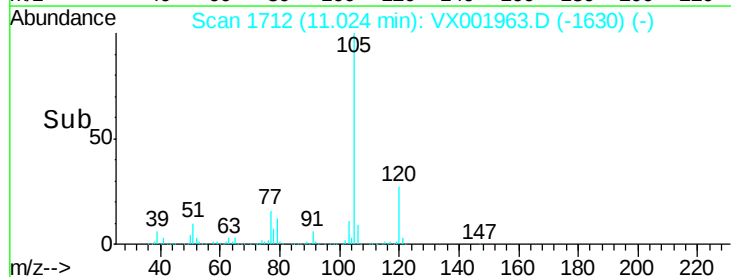
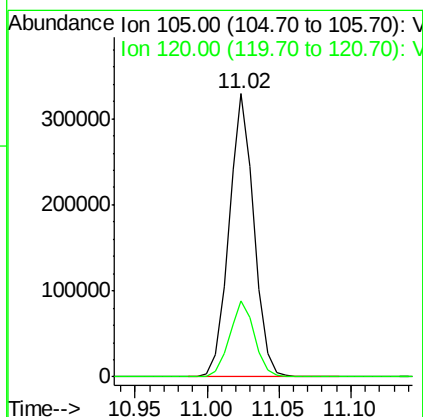
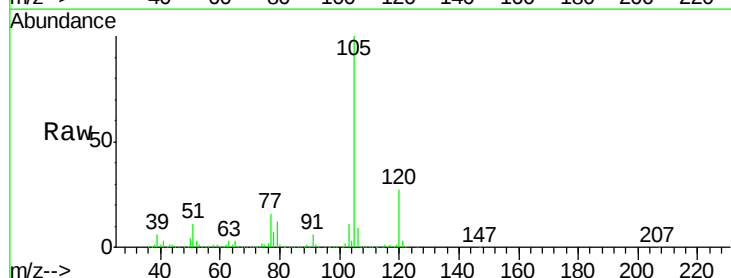
Manual Integrations
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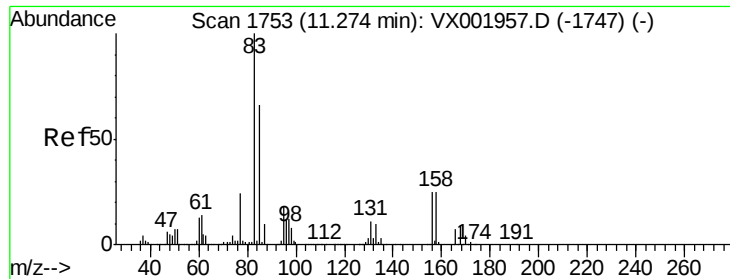
MMDadoda
5/29/2018 4:39:20 PM



#70
Isopropylbenzene
Concen: 20.417 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX001963.D
Acq: 25 May 2018 02:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	397836		
120	27.1		19.0	35.2





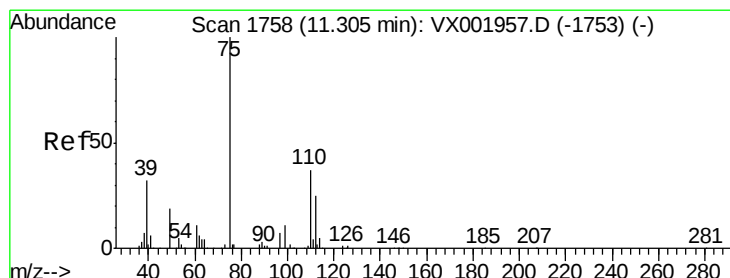
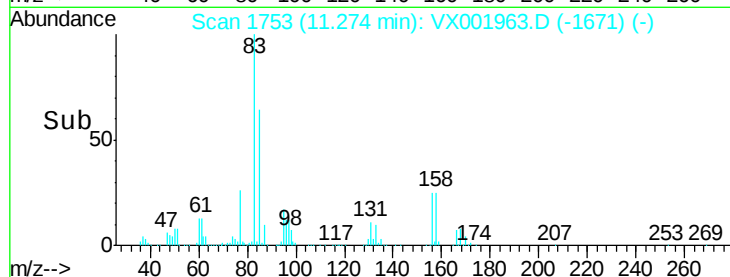
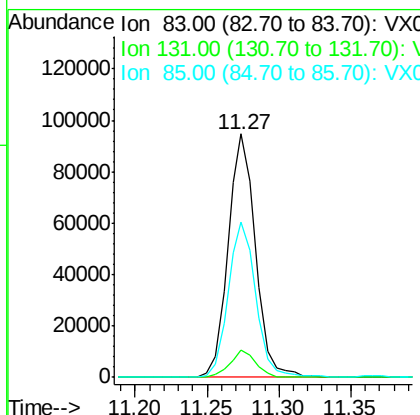
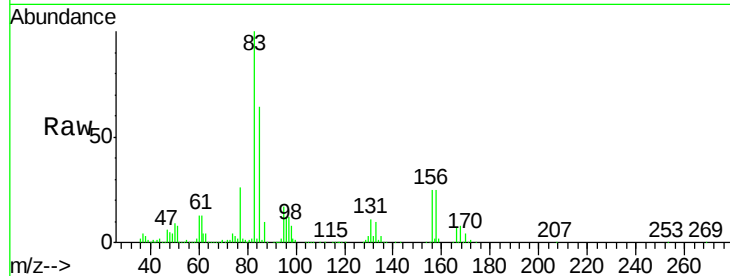
#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.637 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: VX001963.D
 Acq: 25 May 2018 02:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.4	16.2
85	64.4	32.4	97.2

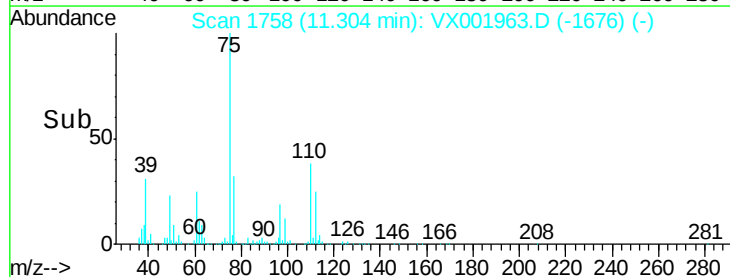
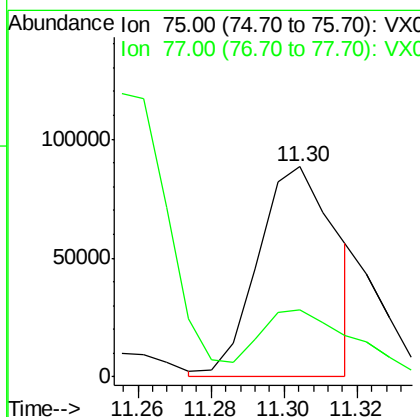
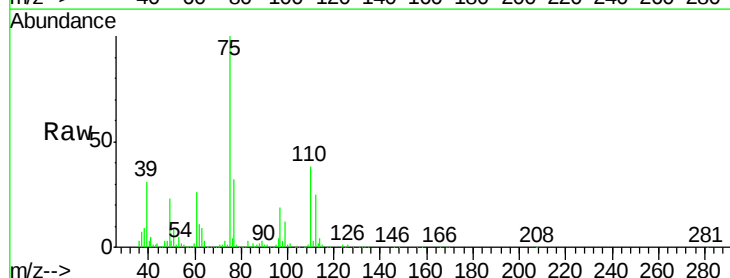
Manual Integrations
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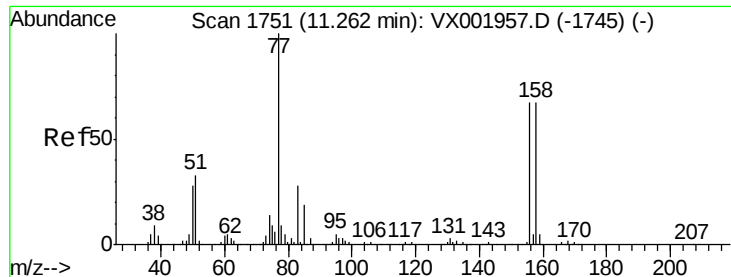
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#72
 1,2,3-Trichloropropane
 Concen: 22.778 ug/l m
 RT: 11.30 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VX001963.D
 Acq: 25 May 2018 02:06

Tgt Ion	Ratio	Lower	Upper
75	100		
77	35.6	0.0	71.8





#73

Bromobenzene

Concen: 20.484 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

Instrument :

MSVOA_X

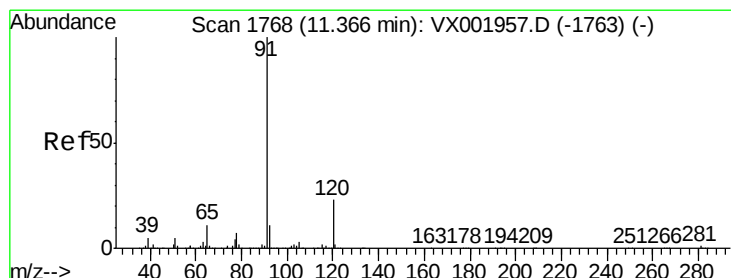
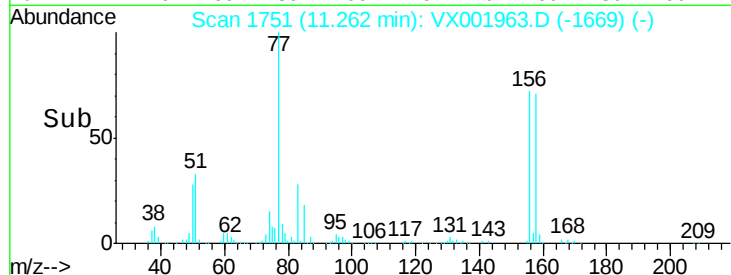
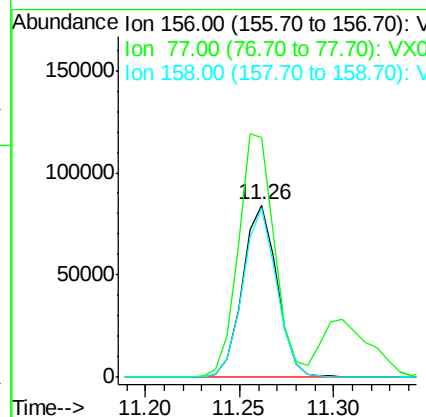
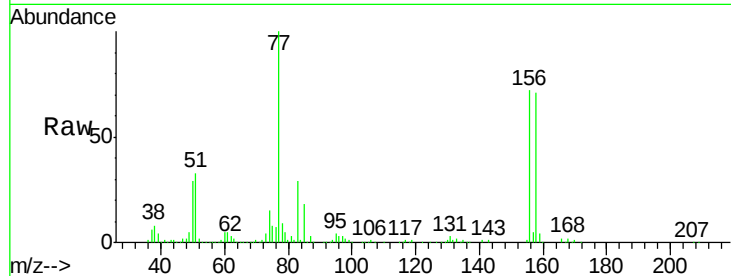
ClientSampleId :

VX0525WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	147.9	0.0	301.0
158	96.7	0.0	196.2

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#74

n-propylbenzene

Concen: 20.473 ug/l

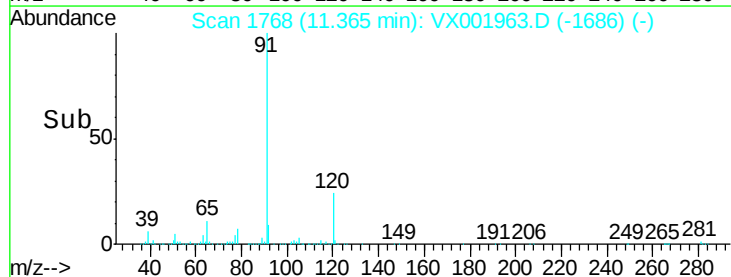
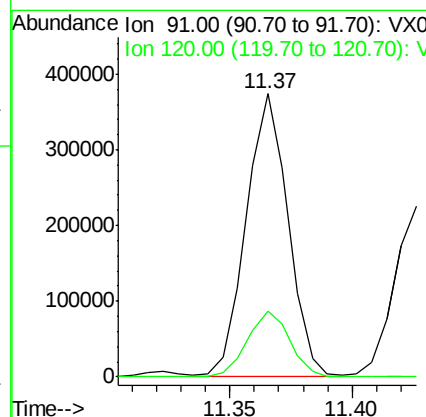
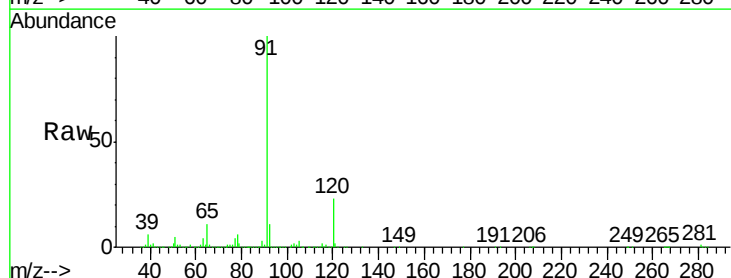
RT: 11.37 min Scan# 1768

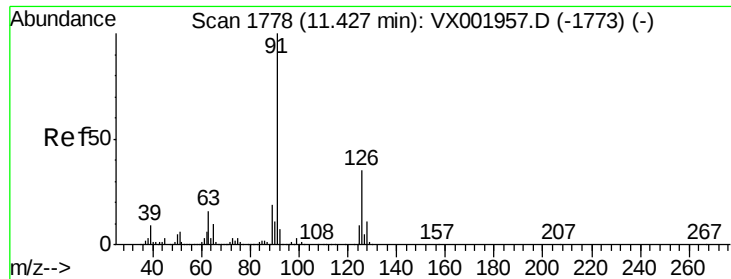
Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.4	0.0	46.2





#75

2-Chlorotoluene

Concen: 20.728 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBS01

Tot Ion: 91 Resp: 278059

Ion Ratio Lower Upper

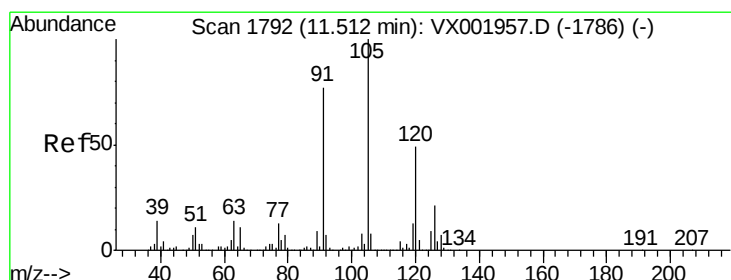
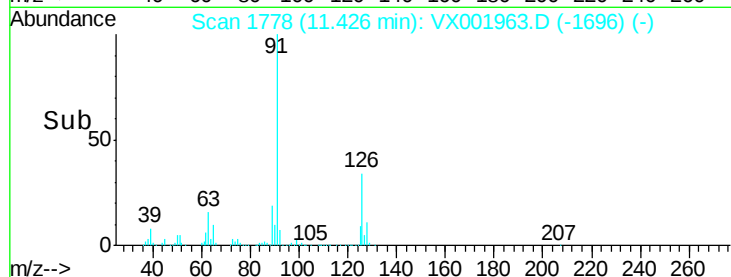
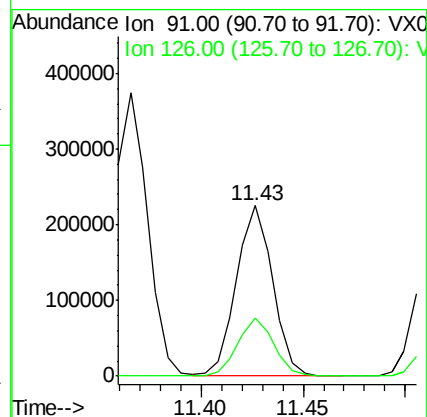
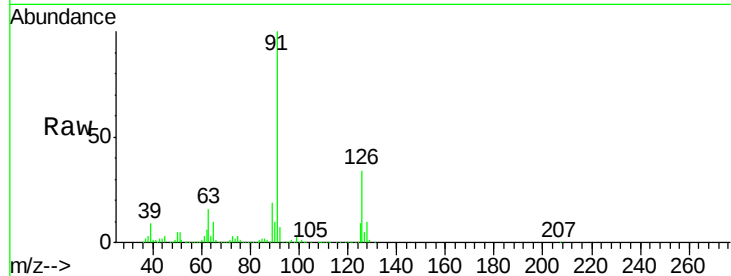
91 100

126 33.6 0.0 69.4

Manual Integrations
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#76

1,3,5-Trimethylbenzene

Concen: 20.421 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001963.D

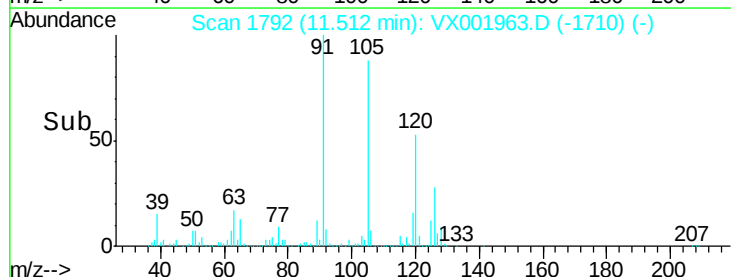
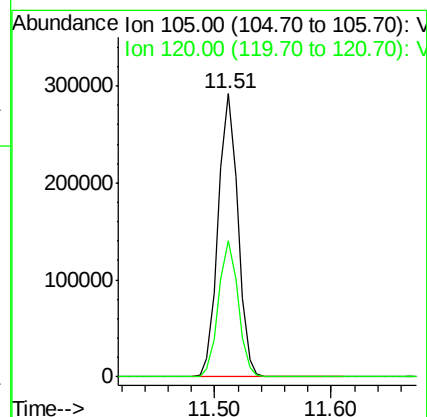
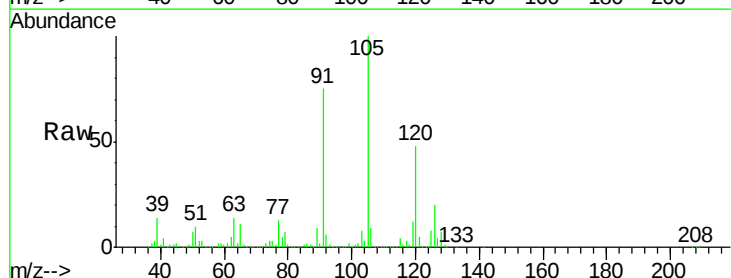
Acq: 25 May 2018 02:06

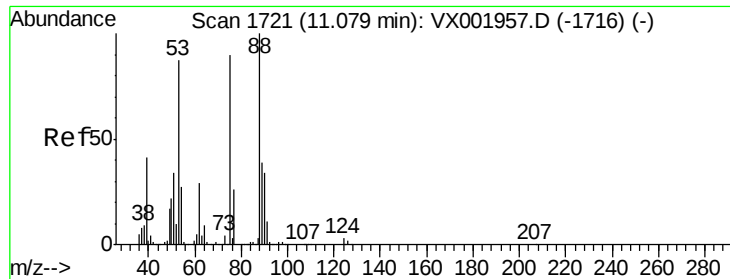
Tgt Ion: 105 Resp: 338319

Ion Ratio Lower Upper

105 100

120 47.8 0.0 96.8





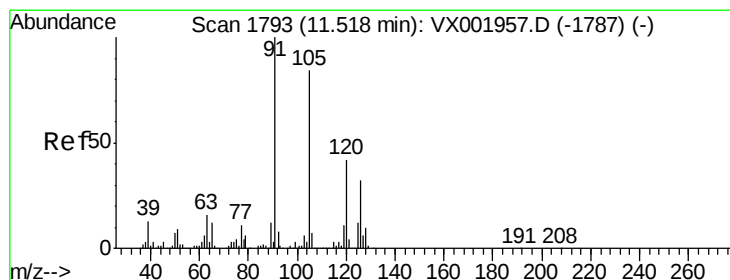
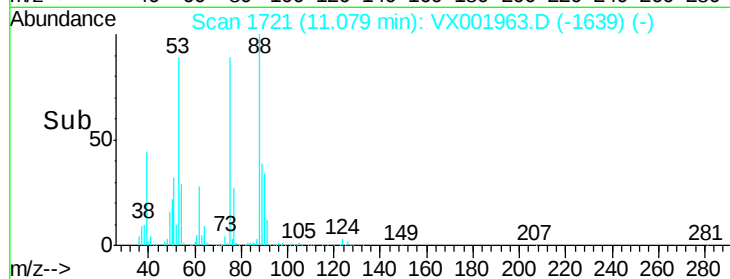
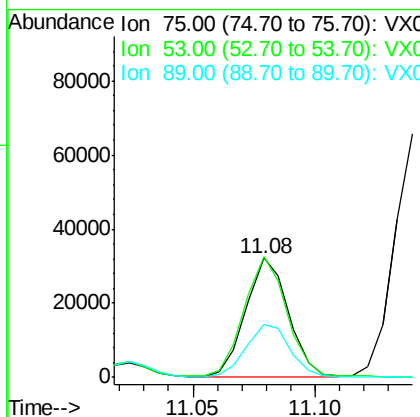
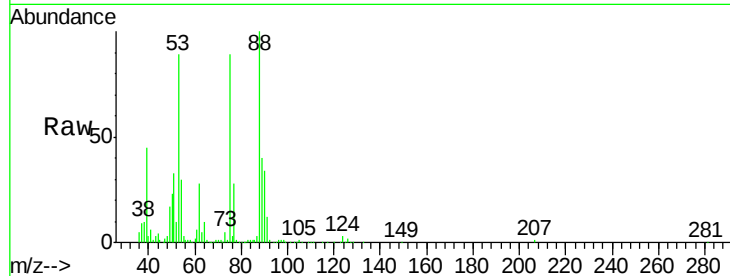
#77
t-1,4-Dichloro-2-butene
Concen: 18.902 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX001963.D
Acq: 25 May 2018 02:06

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.1	48.3	144.9
89	44.3	21.8	65.4

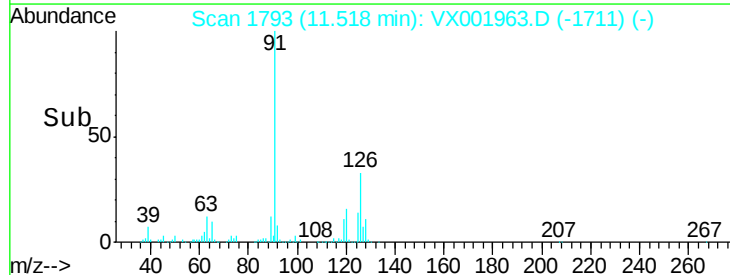
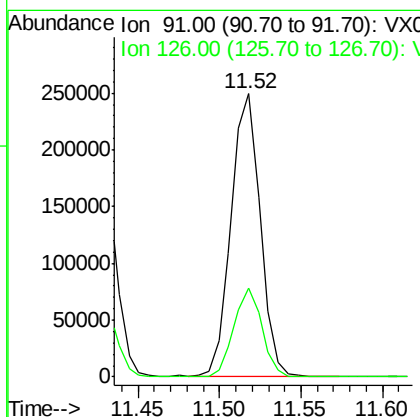
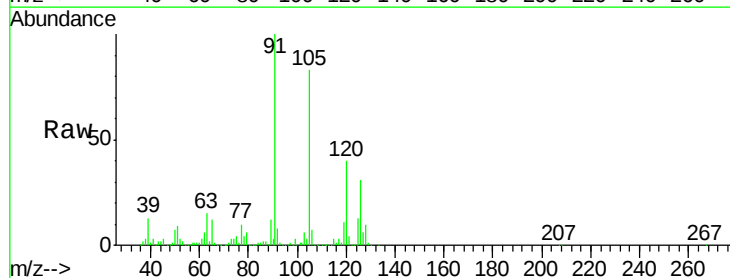
Manual Integrations
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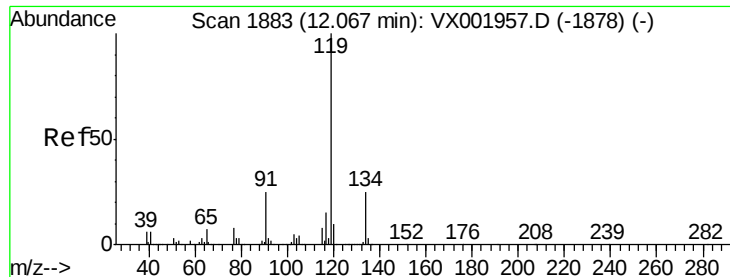
MMDadoda
5/29/2018 4:39:20 PM



#78
4-Chlorotoluene
Concen: 20.339 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX001963.D
Acq: 25 May 2018 02:06

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.0	0.0	61.0





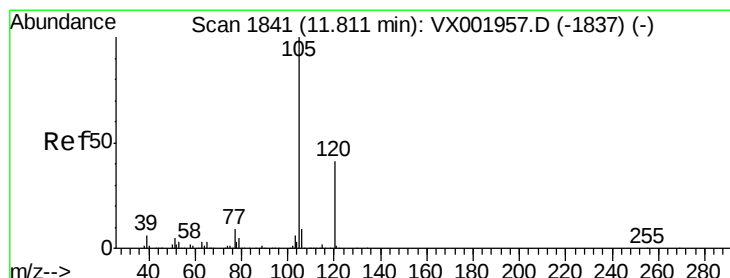
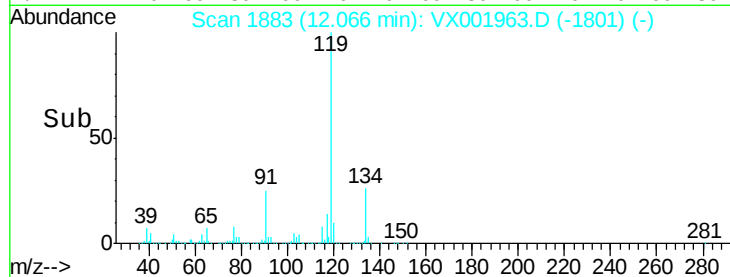
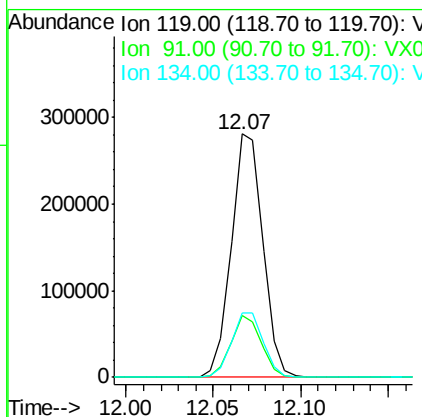
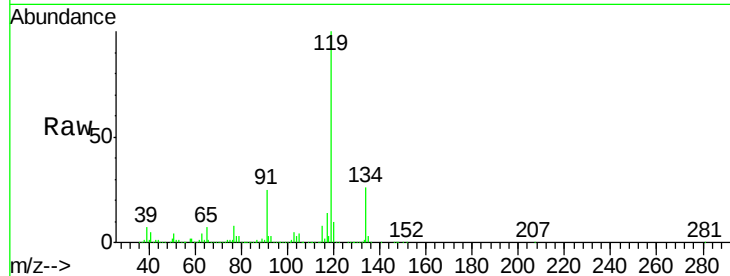
#79
tert-butylbenzene
Concen: 20.223 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX001963.D
Acq: 25 May 2018 02:06

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	351308		
91	24.2	0.0	48.0	
134	26.7	0.0	52.6	

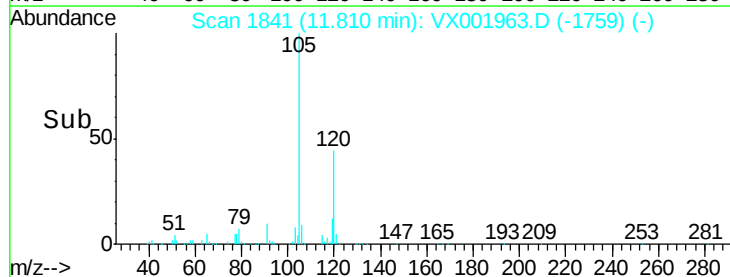
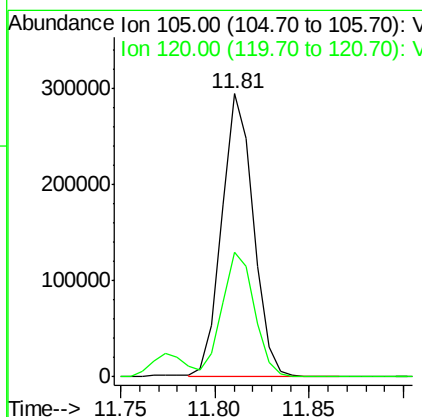
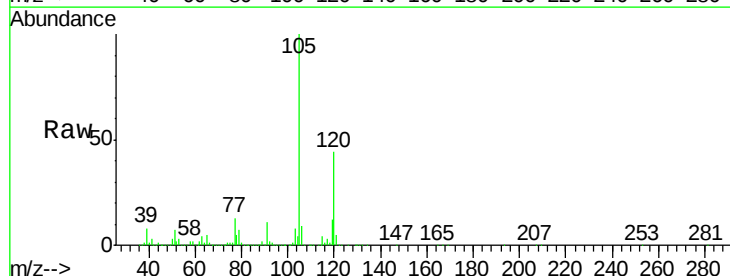
Manual Integrations
APPROVED

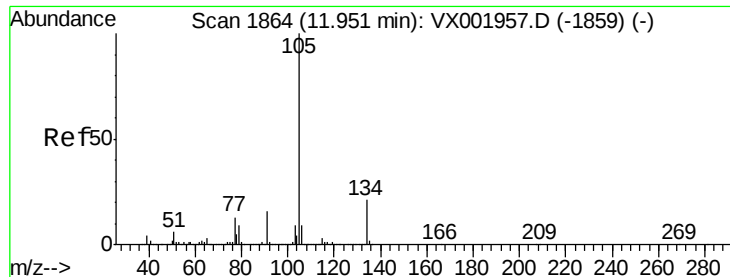
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#80
1,2,4-Trimethylbenzene
Concen: 20.468 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX001963.D
Acq: 25 May 2018 02:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	342821		
120	45.0	0.0	89.2	





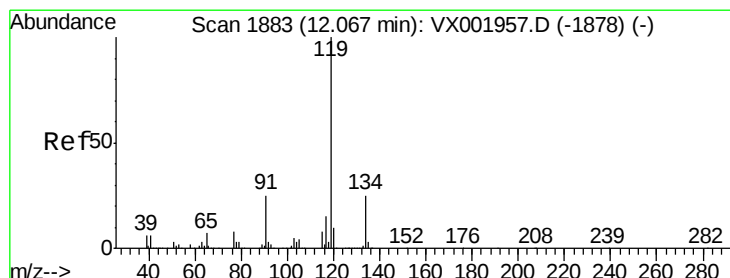
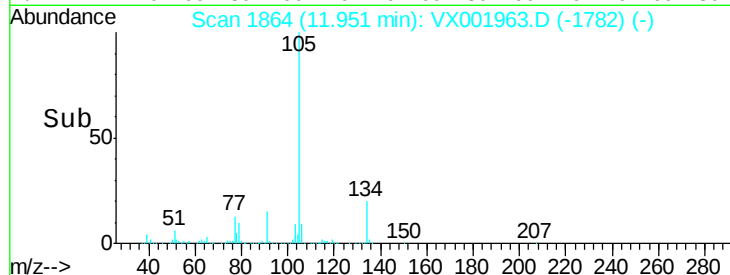
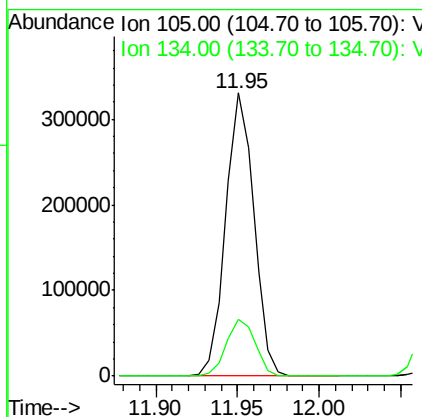
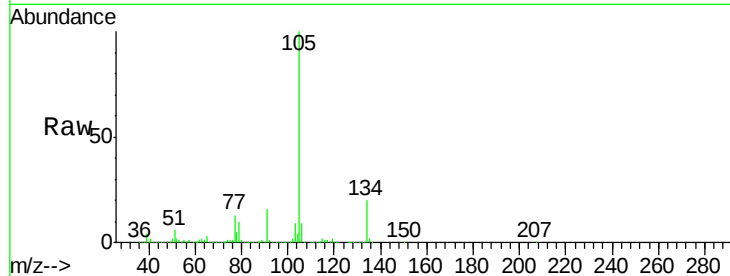
#81
 sec-Butylbenzene
 Concen: 20.524 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX001963.D
 Acq: 25 May 2018 02:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	398571		
134	20.8	0.0	41.6	

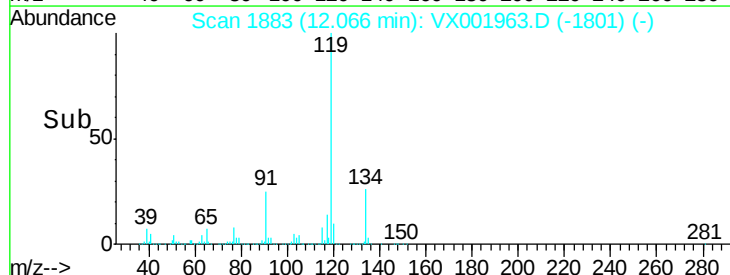
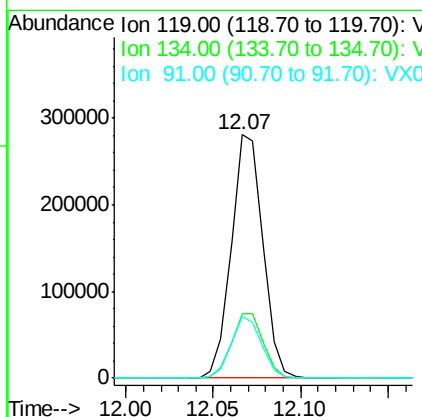
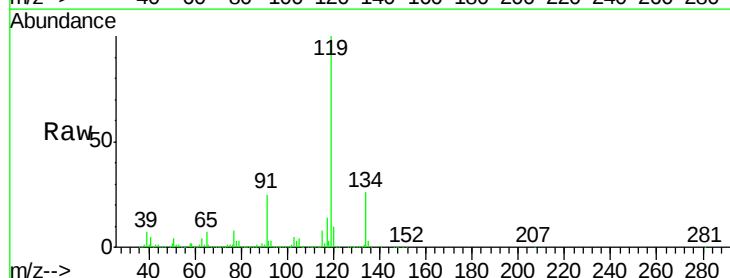
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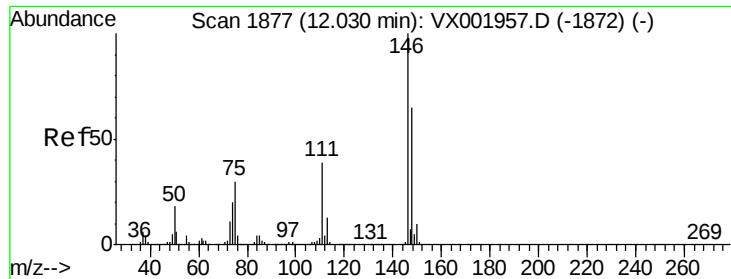
MMDadoda
 5/29/2018 4:39:20 PM



#82
 p-Isopropyltoluene
 Concen: 20.223 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX001963.D
 Acq: 25 May 2018 02:06

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	351308		
134	26.7	0.0	52.6	
91	24.2	0.0	48.0	





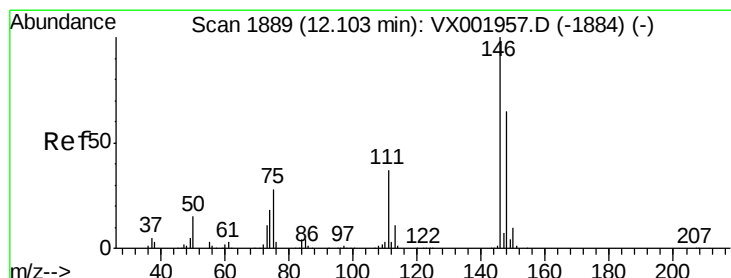
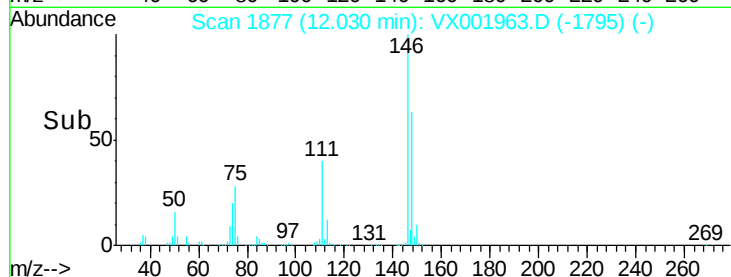
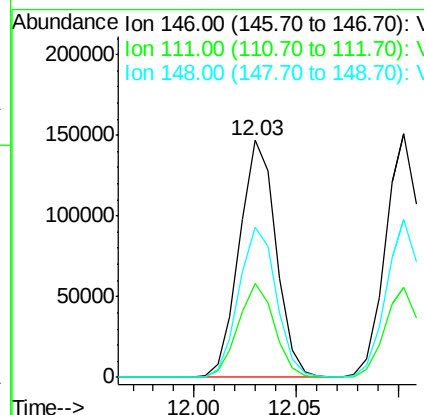
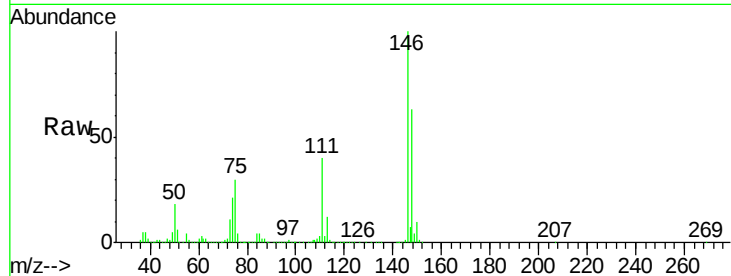
#83
 1,3-Dichlorobenzene
 Concen: 19.797 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001963.D
 Acq: 25 May 2018 02:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.1	57.5
148	64.2	31.9	95.7

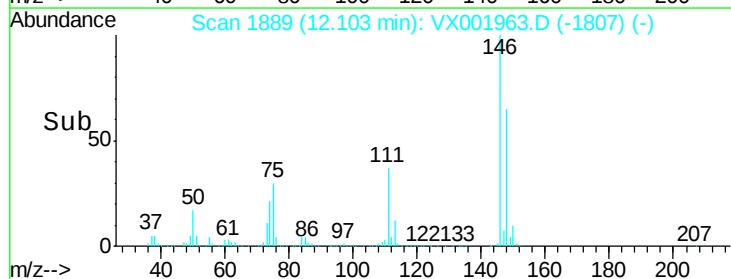
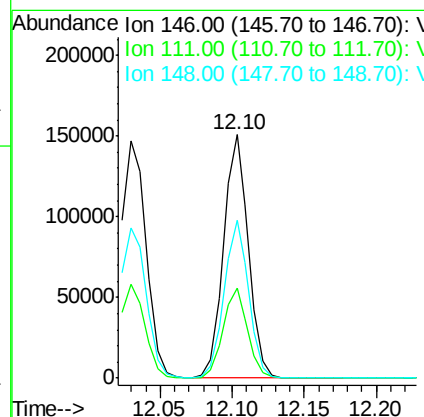
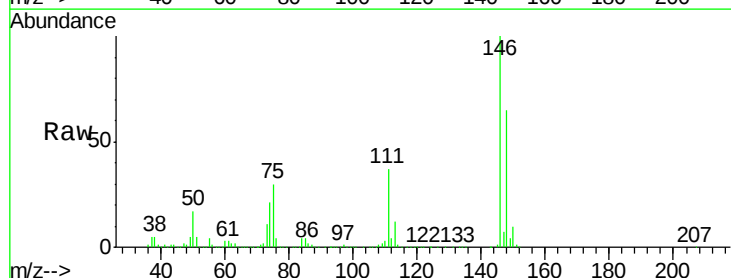
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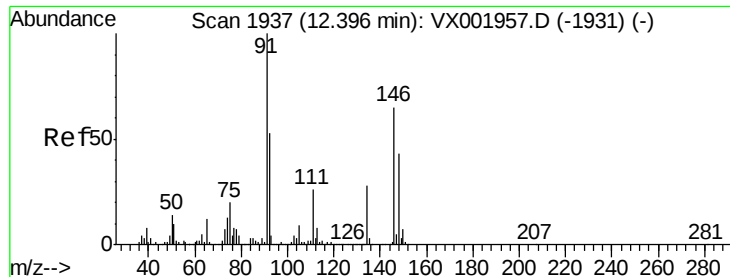
MMDadoda
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#84
 1,4-Dichlorobenzene
 Concen: 19.709 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001963.D
 Acq: 25 May 2018 02:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.5	55.5
148	64.6	32.0	96.0





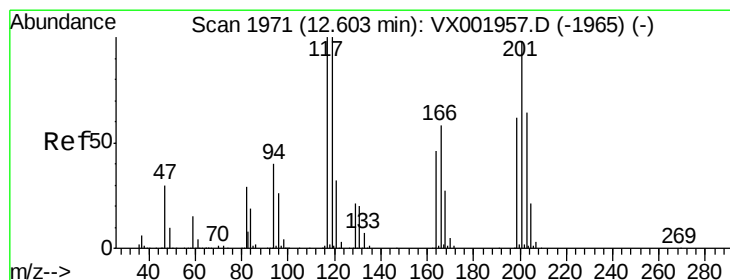
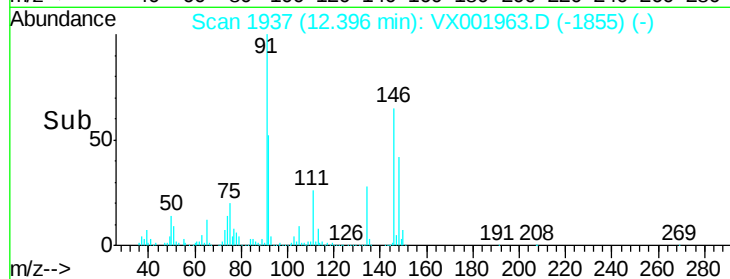
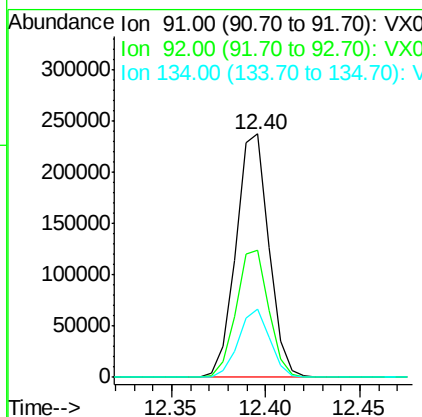
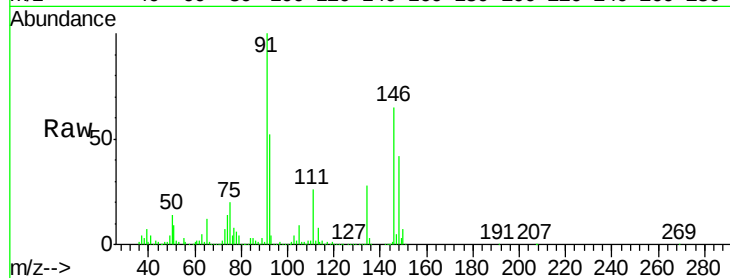
#85
n-Butylbenzene
Concen: 19.666 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001963.D
Acq: 25 May 2018 02:06

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	286518		
92	52.2		0.0	105.2
134	26.9		0.0	53.2

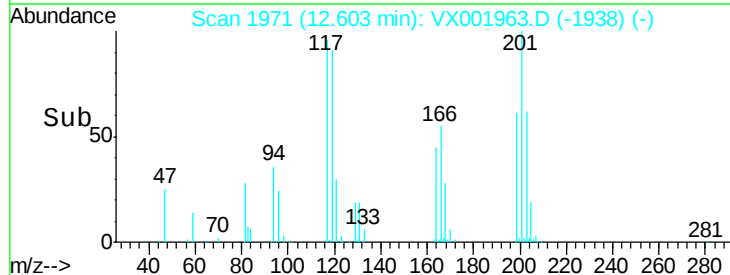
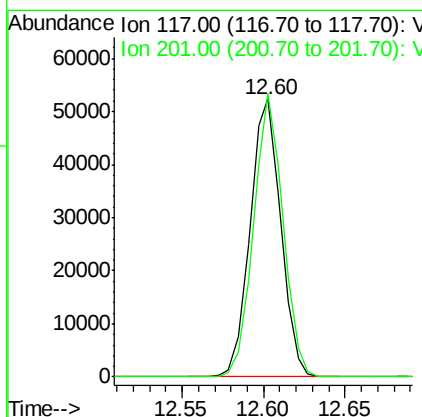
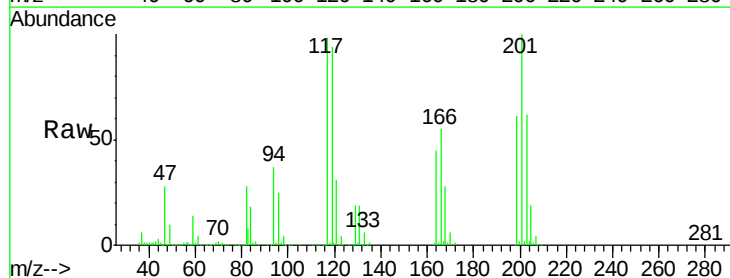
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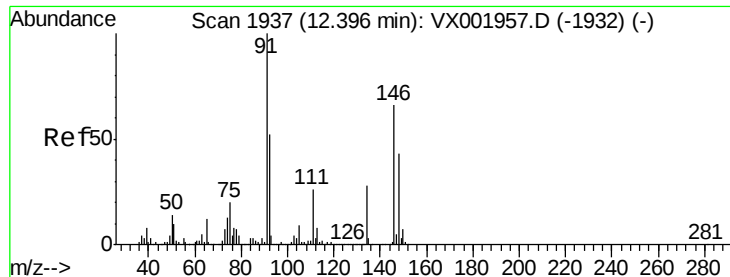
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#86
Hexachloroethane
Concen: 19.796 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001963.D
Acq: 25 May 2018 02:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	68432		
201	97.5		47.6	142.8





#87

1,2-Dichlorobenzene

Concen: 20.085 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

Instrument :

MSVOA_X

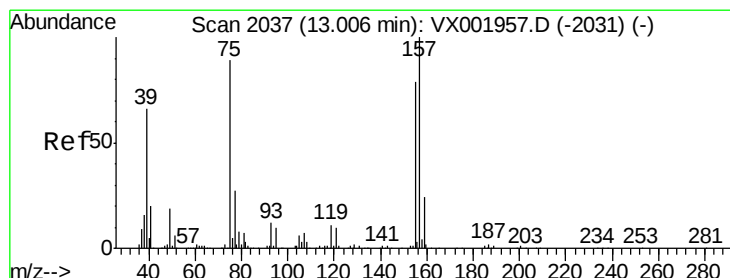
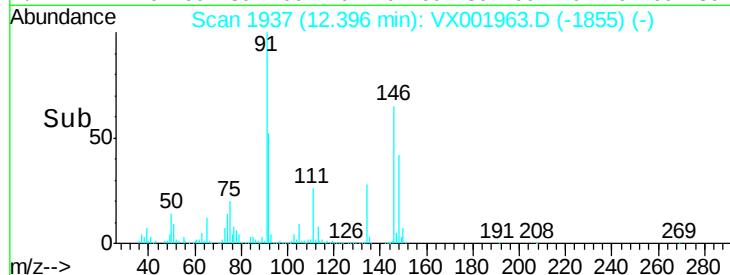
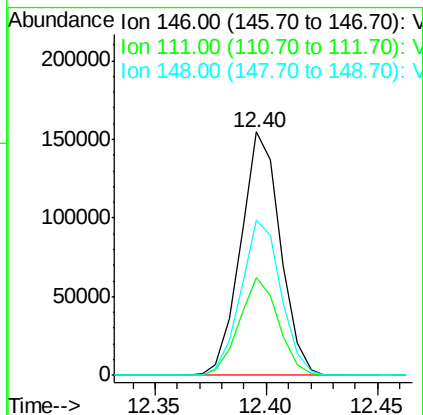
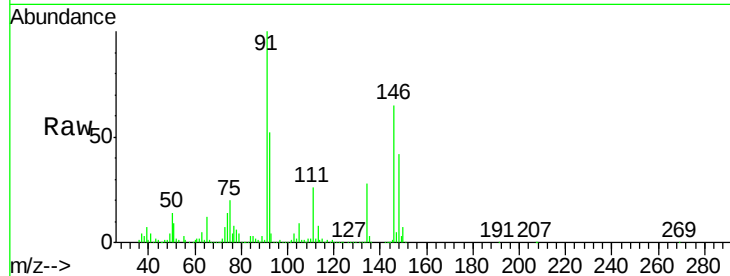
ClientSampleId :

VX0525WBS01

Tot Ion:	146	Resp:	191850
Ion Ratio		Lower	Upper
146	100		
111	39.7	20.0	59.9
148	64.5	32.8	98.3

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#88

1,2-Dibromo-3-Chloropropane

Concen: 20.345 ug/l

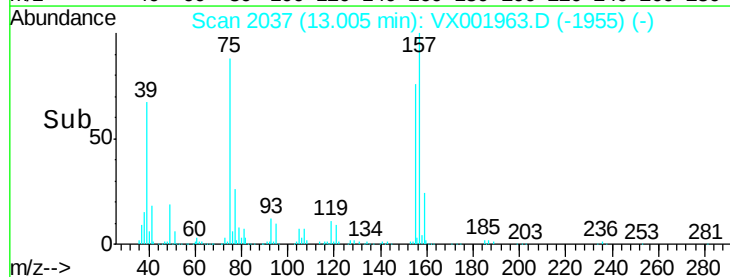
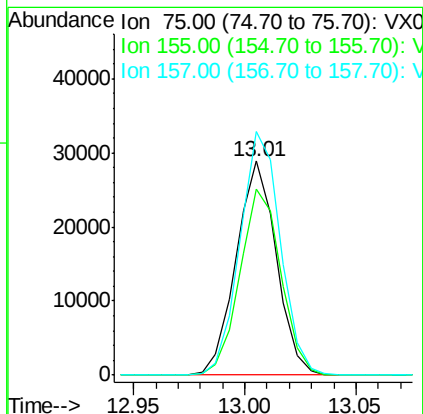
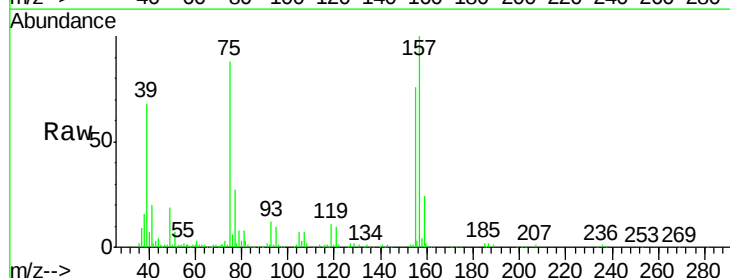
RT: 13.01 min Scan# 2037

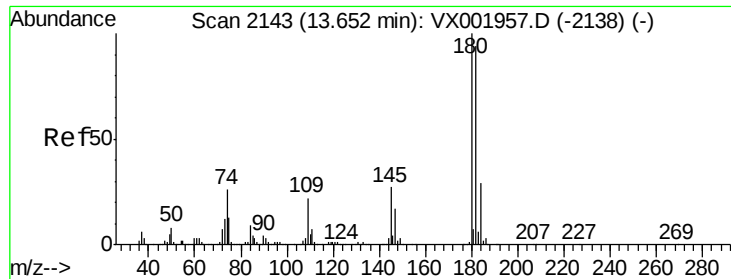
Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

Tgt Ion:	75	Resp:	36189
Ion Ratio		Lower	Upper
75	100		
155	89.0	73.1	109.7
157	115.4	93.1	139.7





#89

1,2,4-Trichlorobenzene

Concen: 19.448 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

Instrument :

MSVOA_X

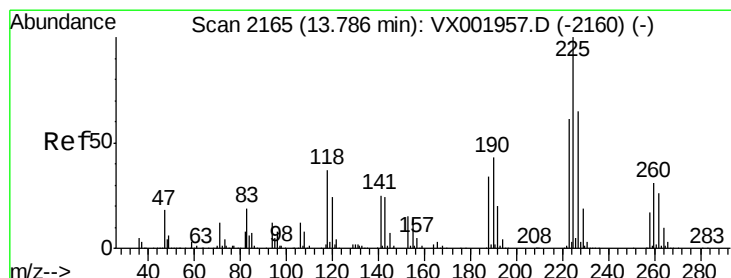
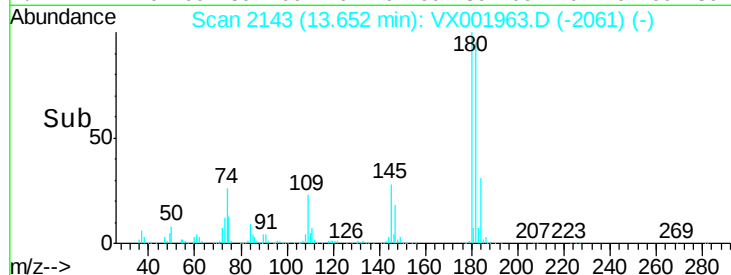
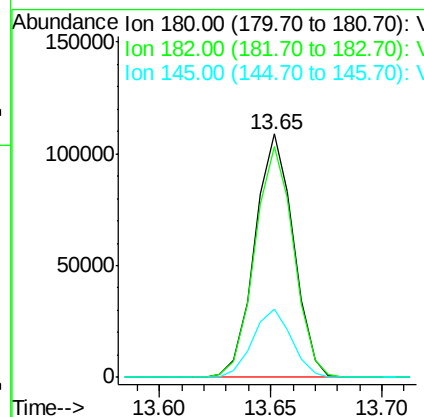
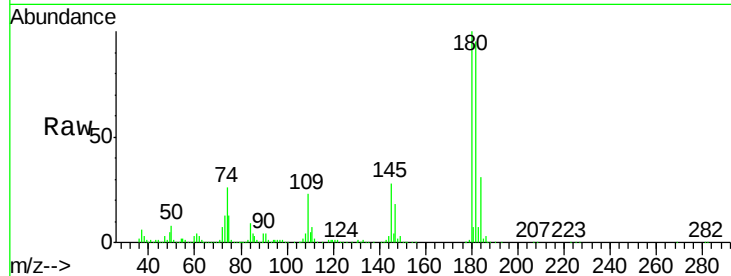
ClientSampled :

VX0525WBS01

Tot Ion:	180	Resp:	131936
Ion Ratio	Lower	Upper	
180	100		
182	95.5	76.4	114.6
145	28.3	22.9	34.3

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#90

Hexachlorobutadiene

Concen: 19.838 ug/l

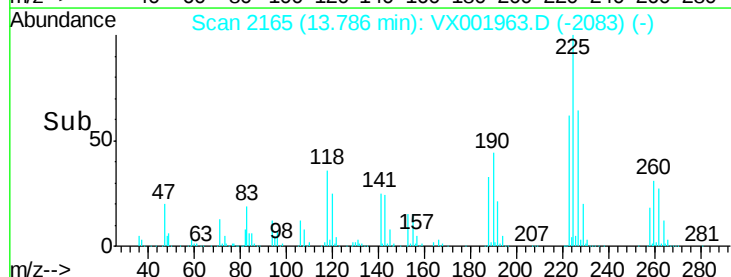
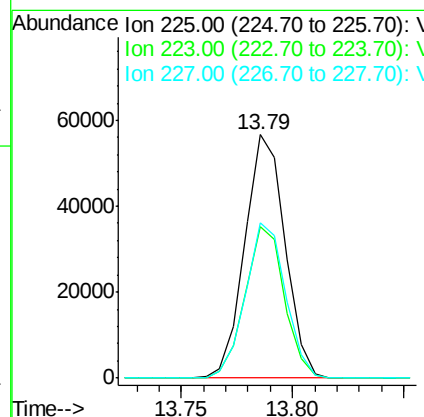
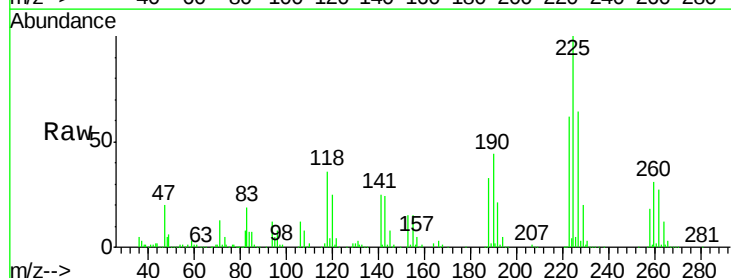
RT: 13.79 min Scan# 2165

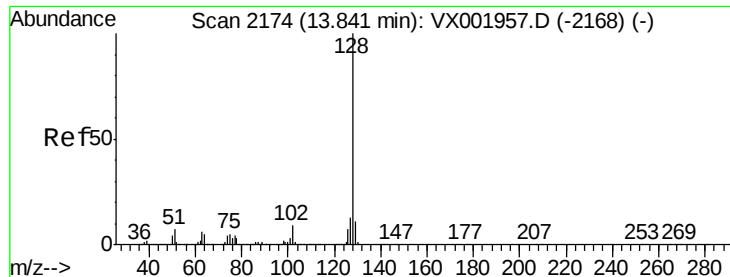
Delta R.T. -0.00 min

Lab File: VX001963.D

Acq: 25 May 2018 02:06

Tgt Ion:	225	Resp:	71589
Ion Ratio	Lower	Upper	
225	100		
223	60.8	0.0	122.4
227	63.4	0.0	128.0





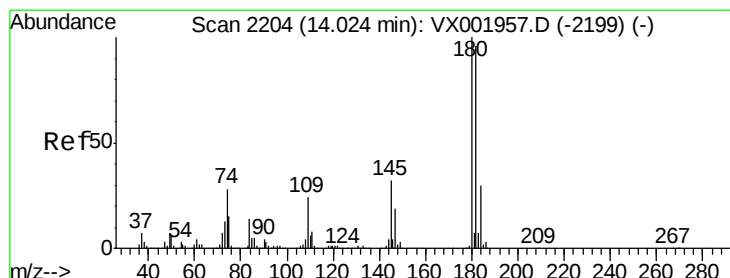
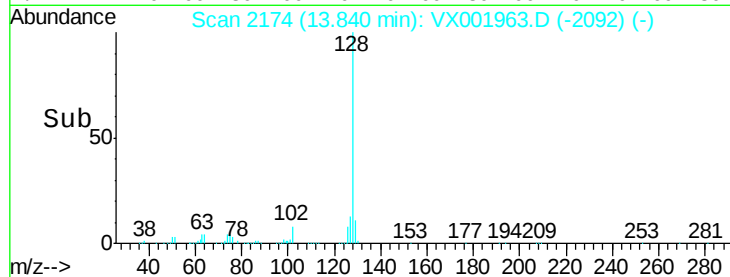
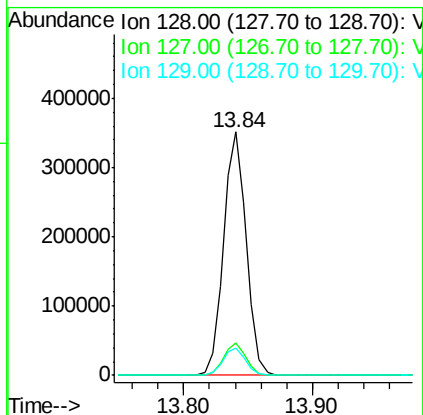
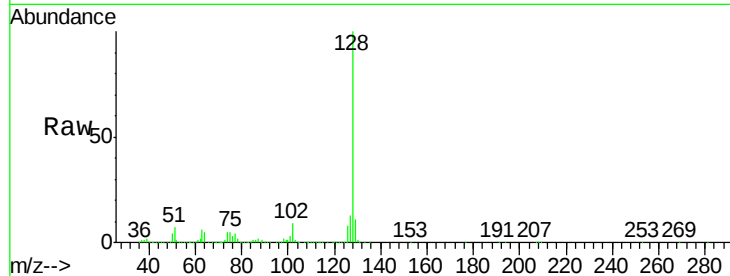
#91
Naphthalene
Concen: 20.272 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX001963.D
Acq: 25 May 2018 02:06

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.1	8.9	13.3

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#92
1,2,3-Trichlorobenzene
Concen: 20.113 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX001963.D
Acq: 25 May 2018 02:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	0.0	191.0
145	29.8	0.0	60.6

