

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052518\
 Data File : VX001964.D
 Acq On : 25 May 2018 02:33
 Operator : JC/MD
 Sample : VX0525WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0525WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/29/2018 4:39:19 PM

Quant Time: May 25 03:23:59 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	66053	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	358773	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	326883	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.08	65	155233	29.87	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.57%
60) 4-Bromofluorobenzene	11.14	95	162514	29.04	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.80%
63) Toluene-d8	8.72	98	433096	29.73	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.10%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	68164	19.438	ug/l 100
3) Chloromethane	1.32	50	83083	19.918	ug/l 98
4) Vinyl Chloride	1.41	62	81862	19.728	ug/l 100
5) Bromomethane	1.64	94	54131	23.284	ug/l 98
6) Chloroethane	1.73	64	51099	20.815	ug/l 99
7) Trichlorofluoromethane	1.93	101	128416	20.290	ug/l 98
8) Diethyl Ether	2.20	74	50053	21.013	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	69345	20.346	ug/l 99
10) 1,1-Dichloroethene	2.38	96	67299	20.479	ug/l 93
11) Methyl Iodide	2.51	142	92006	17.821	ug/l 98
12) Methyl Acetate	2.79	43	115885	21.755	ug/l 96
13) Acrolein	2.30	56	44157	97.366	ug/l 98
14) Acrylonitrile	3.16	53	235526	107.473	ug/l 100
15) Acetone	2.45	58	63635	108.923	ug/l 100
16) Carbon Disulfide	2.57	76	185526	19.770	ug/l 99
17) Allyl chloride	2.73	41	137485	20.269	ug/l 99
18) Methylene Chloride	2.86	84	76523	20.718	ug/l 97
19) trans-1,2-Dichloroethene	3.17	96	70143	20.187	ug/l 98
20) Diisopropyl ether	3.89	45	288465	22.274	ug/l 97
21) 1,1-Dichloroethane	3.70	63	141565	20.536	ug/l 99
22) cis-1,2-Dichloroethene	4.60	96	84082	20.297	ug/l 90
23) tert-Butyl Alcohol	3.09	59	122496	107.767	ug/l # 100
24) Methyl tert-Butyl Ether	3.21	73	271471	21.163	ug/l 100
25) Chloroform	5.23	83	147782	20.389	ug/l 100
26) Cyclohexane	5.58	56	128177	20.203	ug/l # 99
29) 1,1-Dichloropropene	5.81	75	102553	20.430	ug/l 99
30) 2-Butanone	4.72	43	388109	110.849	ug/l 100
31) 2,2-Dichloropropane	4.59	77	75364	17.084	ug/l 100
32) 1,1,1-Trichloroethane	5.50	97	136022	20.748	ug/l 99
33) Carbon Tetrachloride	5.79	117	120136	20.166	ug/l 94
34) Benzene	6.15	78	316381	20.873	ug/l 97
35) Methacrylonitrile	5.08	41	84170	21.710	ug/l 96
36) 1,2-Dichloroethane	6.21	62	125853	21.311	ug/l 99
37) Trichloroethene	7.22	130	88836	20.661	ug/l 95
38) Methylcyclohexane	7.47	83	119057	20.329	ug/l 99
39) 1,2-Dichloropropane	7.52	63	86607	21.132	ug/l 94
40) Dibromomethane	7.67	93	59340	21.582	ug/l 100

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0525WBSD01

Manual Integrations
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Quant Time: May 25 03:23:59 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)
41) Bromodichloromethane	7.91	83	119355	20.924	ug/l	98
42) Vinyl Acetate	3.83	43	1230289	111.068	ug/l	100
43) Ethyl Acetate	4.88	43	149715	21.785	ug/l	97
44) Isopropyl Acetate	6.48	43	249796	21.858	ug/l	99
45) 1,4-Dioxane	7.76	88	47920	440.779	ug/l #	92
46) Methyl methacrylate	7.79	41	124643	21.538	ug/l	99
47) n-amyl Acetate	10.90	43	217727	20.709	ug/l #	91
48) t-1,3-Dichloropropene	8.45	75	129250	20.163	ug/l	99
49) cis-1,3-Dichloropropene	9.05	75	124927	20.132	ug/l	99
50) 1,1,2-Trichloroethane	9.22	97	84857	21.497	ug/l	99
51) Ethyl methacrylate	9.19	69	144821	21.179	ug/l	99
52) 1,3-Dichloropropane	9.38	76	141784	21.293	ug/l	99
53) Dibromochloromethane	9.59	129	99812	20.698	ug/l	99
54) 1,2-Dibromoethane	9.68	107	89794	21.011	ug/l	99
55) 2-Chloroethyl vinyl ether	8.32	63	329883	102.782	ug/l	99
56) Bromoform	10.86	173	85039	20.054	ug/l	100
58) 4-Methyl-2-Pentanone	8.66	43	781681	109.886	ug/l	100
59) 2-Hexanone	9.51	43	602103	109.078	ug/l	99
61) Tetrachloroethene	9.34	164	102155	20.489	ug/l	99
62) Toluene	8.79	91	340885	20.420	ug/l	98
64) Chlorobenzene	10.15	112	221829	20.531	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.23	131	90560	20.596	ug/l	99
66) Ethyl Benzene	10.26	91	383113	20.419	ug/l	99
67) m/p-Xylenes	10.37	106	290203	40.744	ug/l	99
68) o-Xylene	10.70	106	147356	20.656	ug/l	98
69) Styrene	10.72	104	239570	20.005	ug/l	99
70) Isopropylbenzene	11.02	105	388667	20.353	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	124488	20.798	ug/l	100
72) 1,2,3-Trichloropropane	11.30	75	131320m	23.293	ug/l	
73) Bromobenzene	11.26	156	104184	20.311	ug/l	98
74) n-propylbenzene	11.37	91	428951	20.122	ug/l	99
75) 2-Chlorotoluene	11.43	91	263272	20.026	ug/l	100
76) 1,3,5-Trimethylbenzene	11.51	105	325108	20.023	ug/l	100
77) t-1,4-Dichloro-2-butene	11.08	75	38828	19.010	ug/l	98
78) 4-Chlorotoluene	11.52	91	298901	19.992	ug/l	100
79) tert-butylbenzene	12.07	119	337635	19.831	ug/l	100
80) 1,2,4-Trimethylbenzene	11.81	105	328727	20.026	ug/l	100
81) sec-Butylbenzene	11.95	105	381749	20.058	ug/l	100
82) p-Isopropyltoluene	12.07	119	337635	19.831	ug/l	100
83) 1,3-Dichlorobenzene	12.03	146	177242	19.501	ug/l	100
84) 1,4-Dichlorobenzene	12.10	146	179183	19.806	ug/l	99
85) n-Butylbenzene	12.40	91	274160	19.201	ug/l	100
86) Hexachloroethane	12.60	117	65622	19.369	ug/l	98
87) 1,2-Dichlorobenzene	12.40	146	186292	19.900	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	13.01	75	36144	20.733	ug/l	99
89) 1,2,4-Trichlorobenzene	13.65	180	128531	19.332	ug/l	99
90) Hexachlorobutadiene	13.79	225	66774	18.881	ug/l	98
91) Naphthalene	13.84	128	429990	20.496	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	138230	19.907	ug/l	99

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD01

Manual Integrations
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Quant Time: May 25 03:23:59 2018
Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X052518W.M
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QLast Update : Fri May 25 02:17:15 2018
Response via : Initial Calibration

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

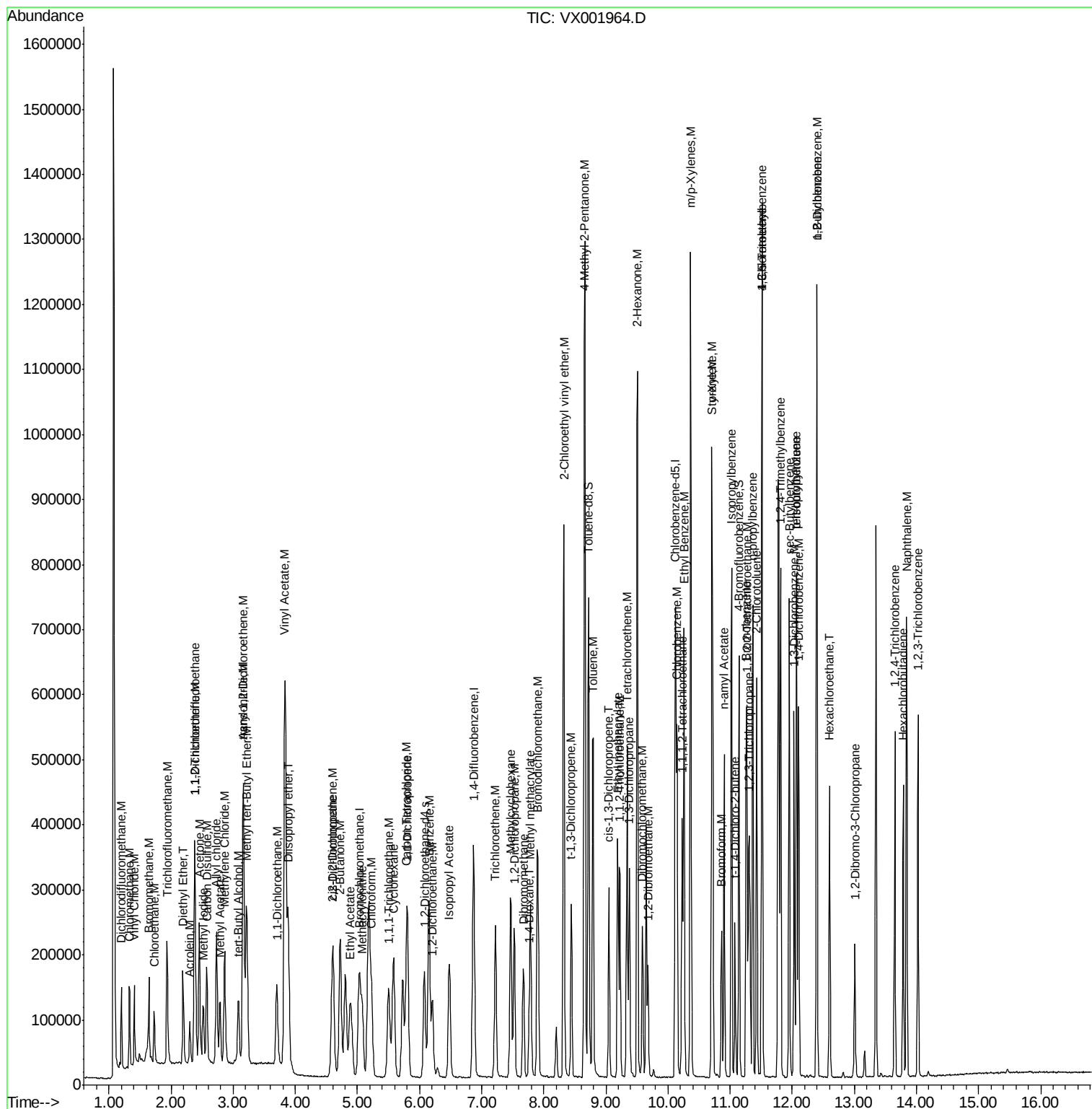
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052518\
 Data File : VX001964.D
 Acq On : 25 May 2018 02:33
 Operator : JC/MD
 Sample : VX0525WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

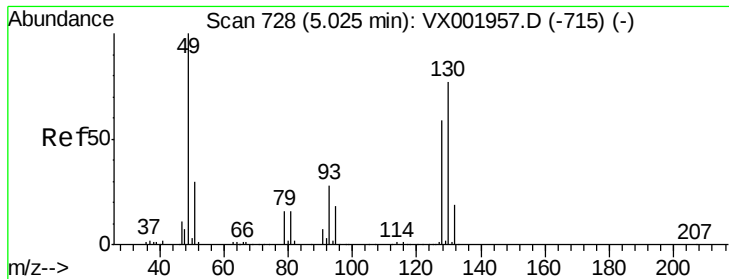
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0525WBSD01

Manual Integrations
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#1

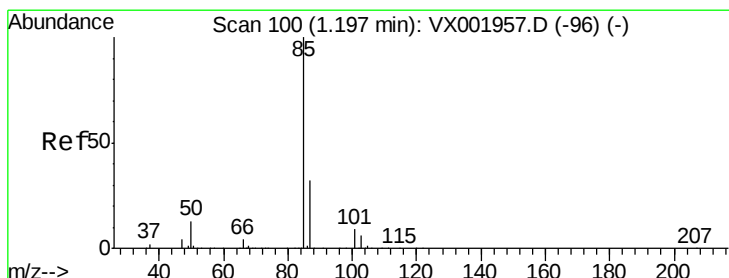
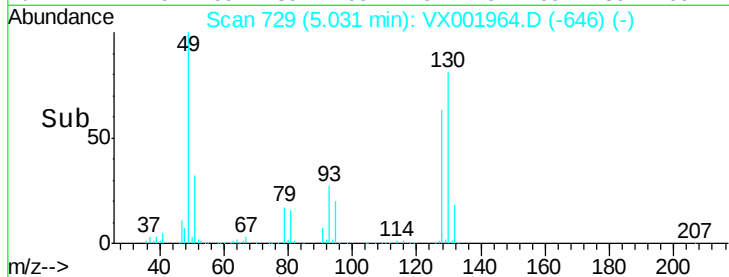
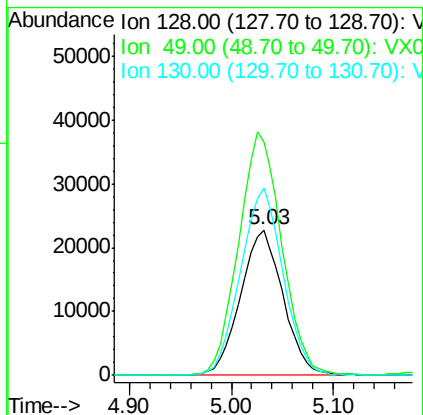
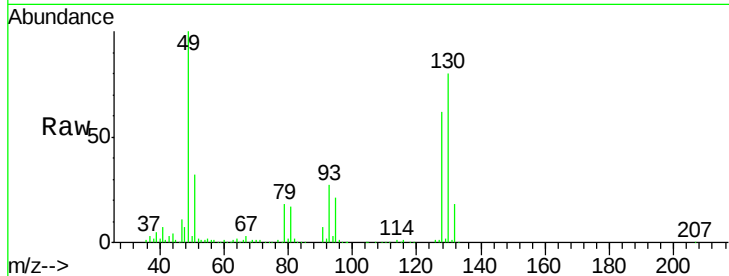
Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.03 min Scan# 729
 Delta R.T. 0.01 min
 Lab File: VX001964.D
 Acq: 25 May 2018 02:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
49	169.6	0.0	423.0
130	128.8	0.0	324.3

Manual Integrations
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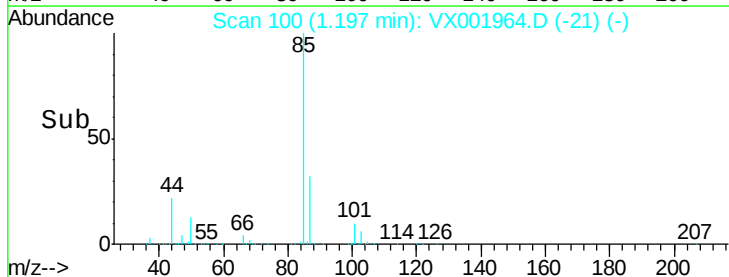
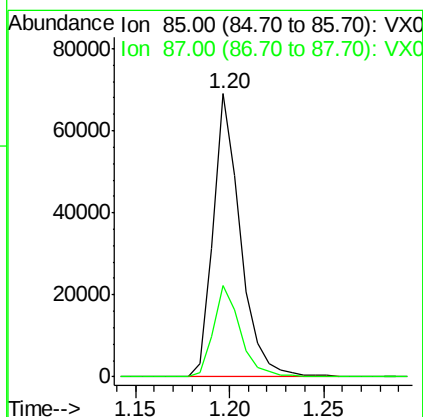
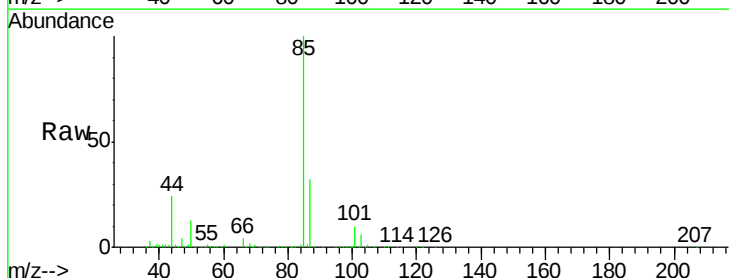
MMDadoda
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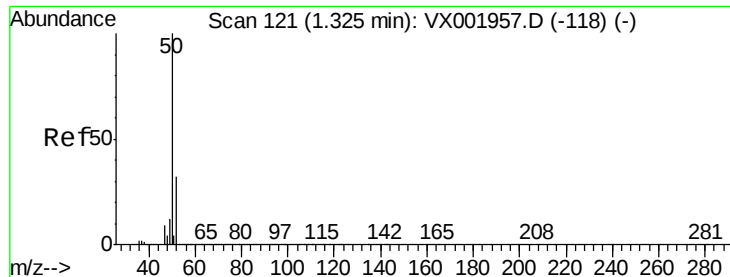


#2

Dichlorodifluoromethane
 Concen: 19.438 ug/l
 RT: 1.20 min Scan# 100
 Delta R.T. -0.00 min
 Lab File: VX001964.D
 Acq: 25 May 2018 02:33

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.3	16.2	48.5





#3

Chloromethane

Concen: 19.918 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBSD01

Tot Ion: 50 Resp: 83083

Ion Ratio Lower Upper

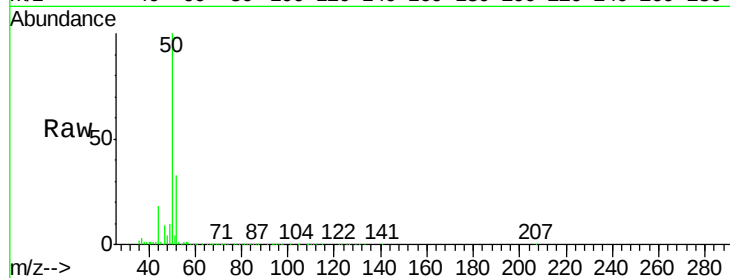
50 100

52 33.1 25.6 38.4

Manual Integrations
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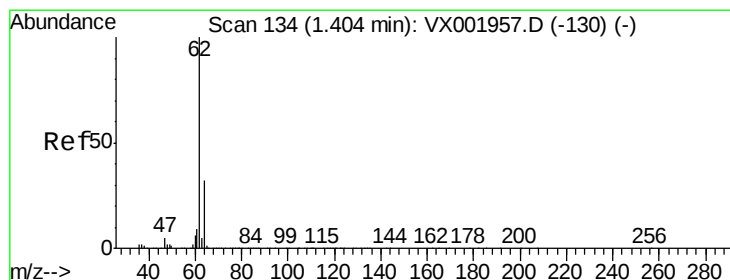
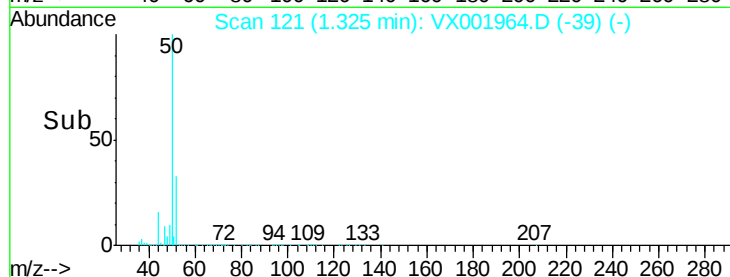
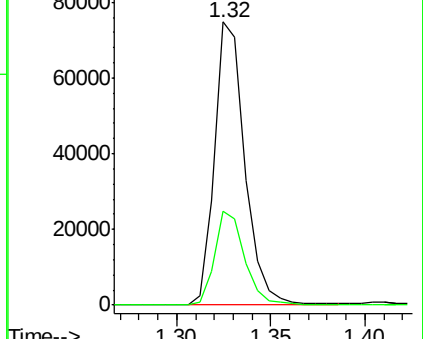
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Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 19.728 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX001964.D

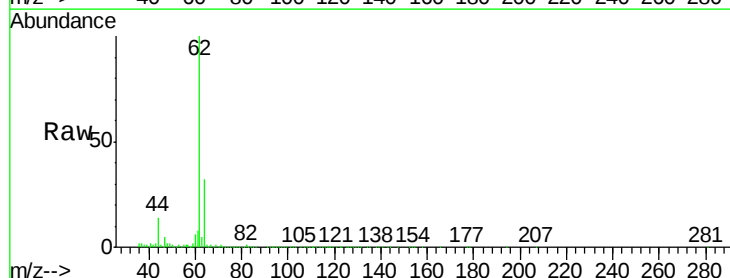
Acq: 25 May 2018 02:33

Tgt Ion: 62 Resp: 81862

Ion Ratio Lower Upper

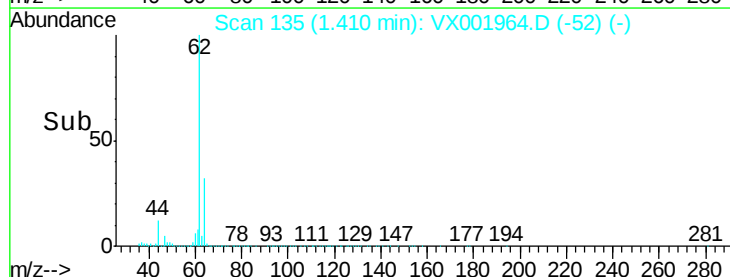
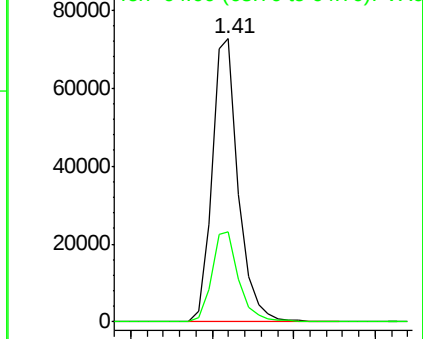
62 100

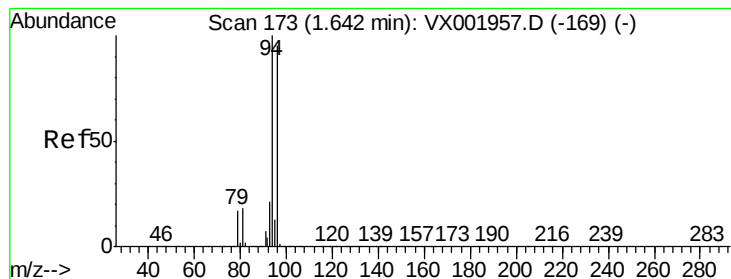
64 31.8 25.3 37.9



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 23.284 ug/l

RT: 1.64 min Scan# 173

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBSD01

Tot Ion: 94 Resp: 54131

Ion Ratio Lower Upper

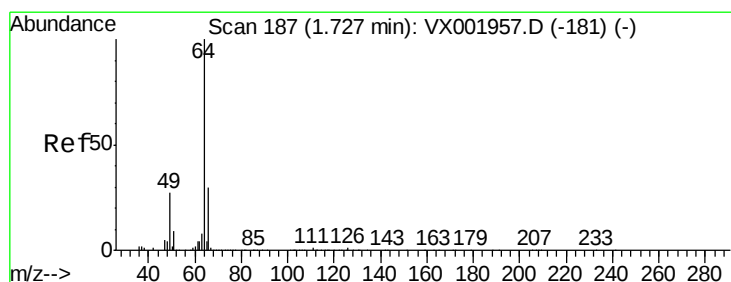
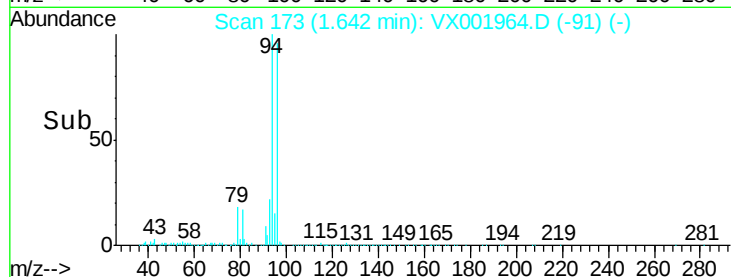
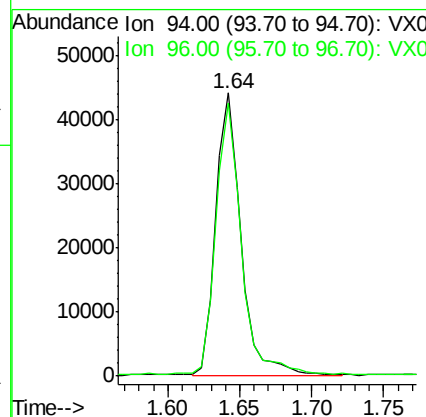
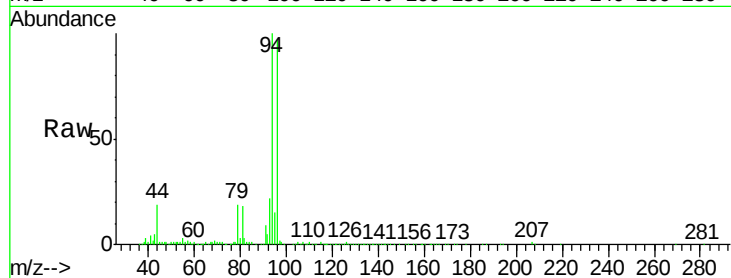
94 100

96 96.1 75.7 113.5

Manual Integrations
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#6

Chloroethane

Concen: 20.815 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX001964.D

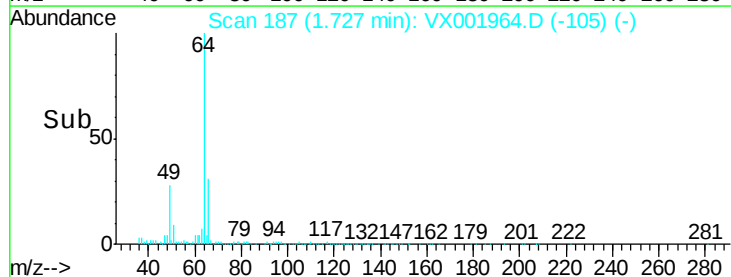
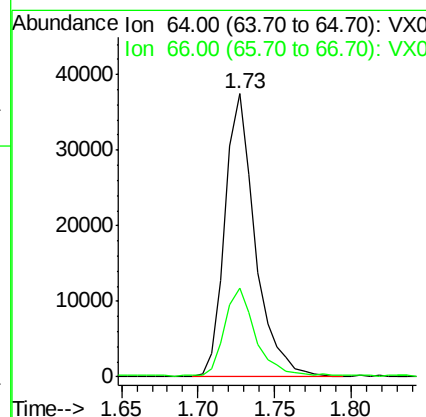
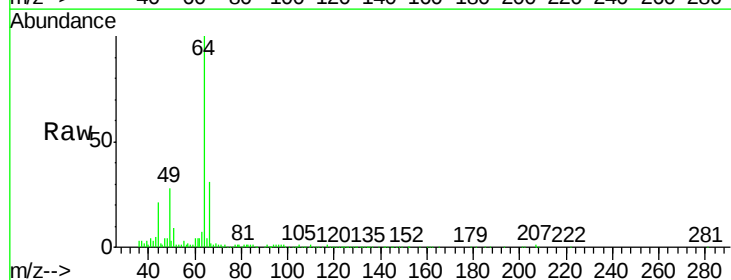
Acq: 25 May 2018 02:33

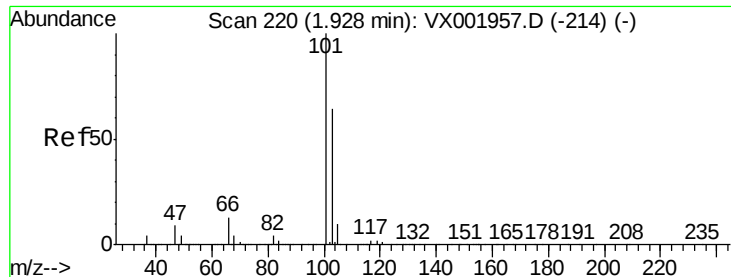
Tgt Ion: 64 Resp: 51099

Ion Ratio Lower Upper

64 100

66 31.0 24.3 36.5





#7

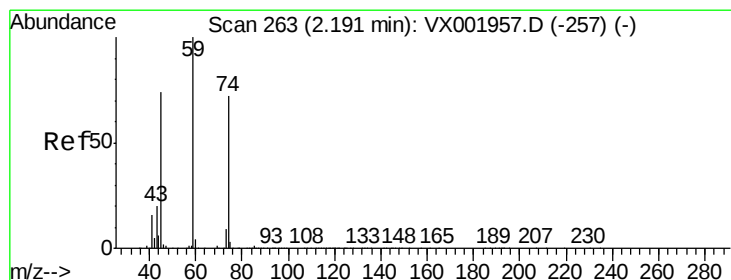
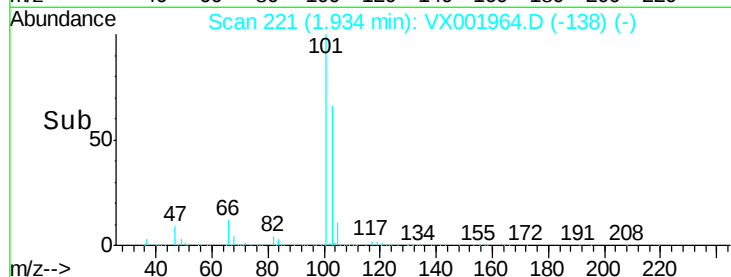
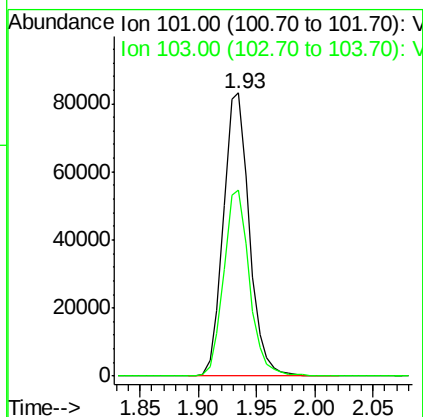
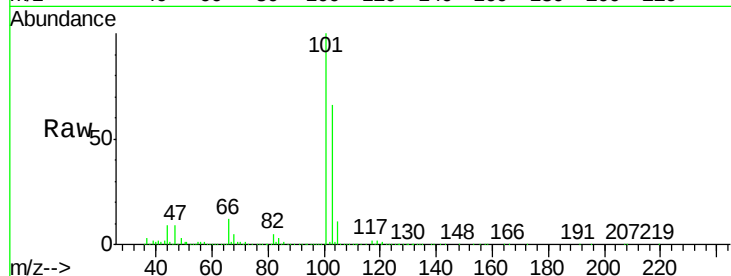
Trichlorofluoromethane
Concen: 20.290 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX001964.D
Acq: 25 May 2018 02:33

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	128416		
103	65.6	51.5	77.3	

Manual Integrations
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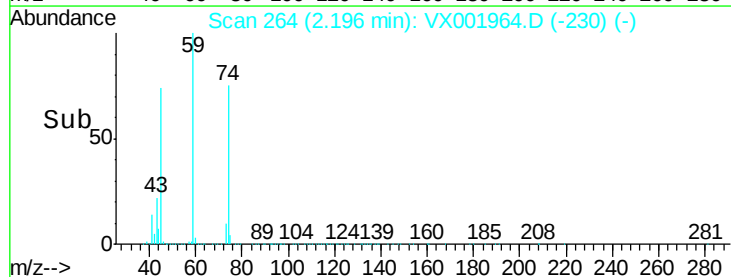
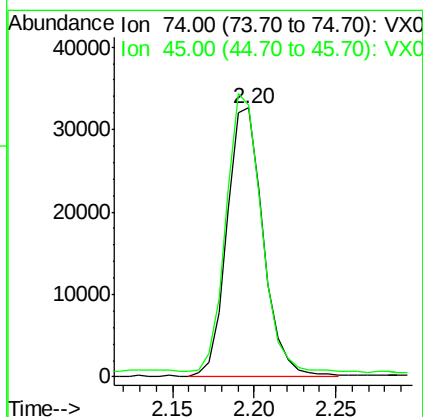
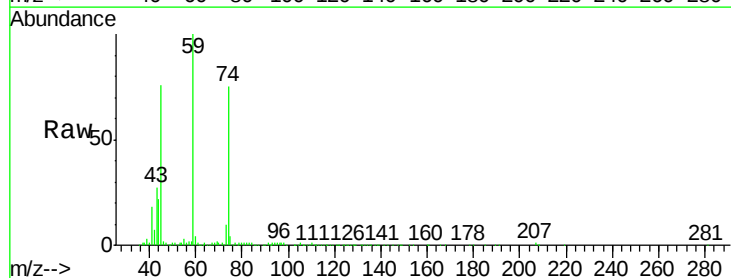
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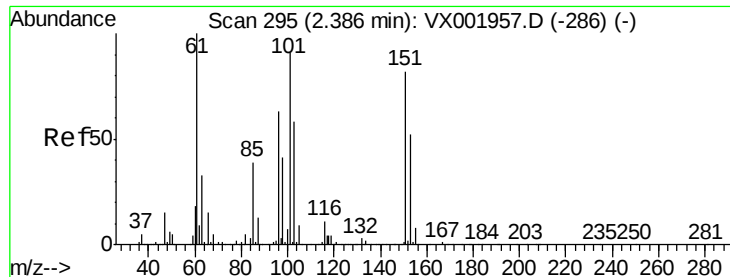


#8

Diethyl Ether
Concen: 21.013 ug/l
RT: 2.20 min Scan# 264
Delta R.T. 0.01 min
Lab File: VX001964.D
Acq: 25 May 2018 02:33

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	50053		
45	101.7	20.5	184.5	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.346 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Instrument :

MSVOA_X

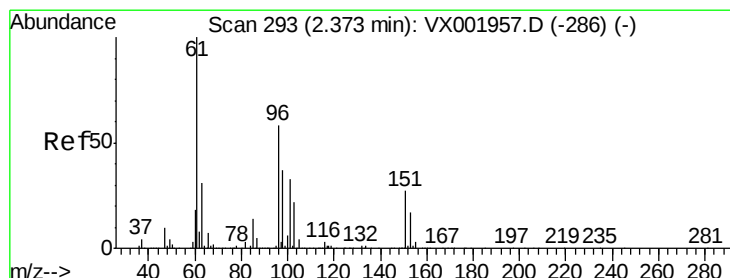
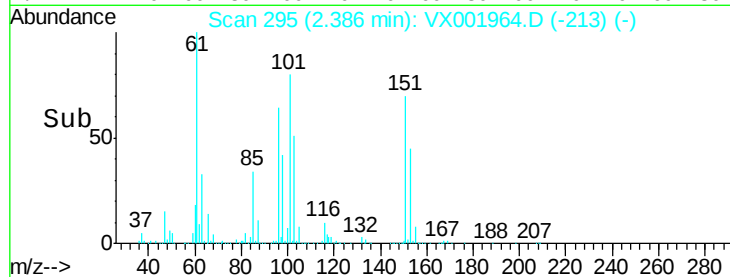
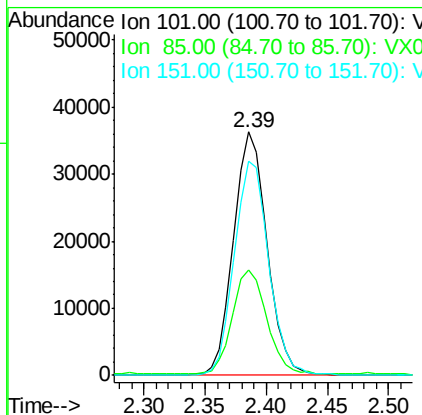
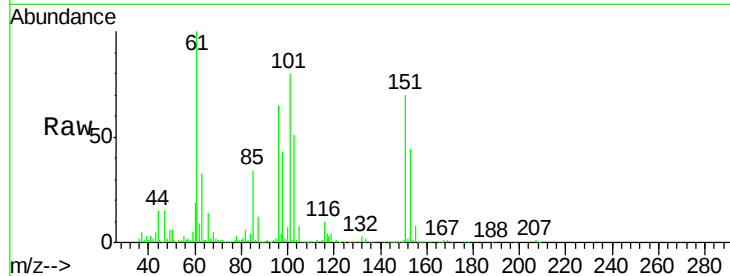
ClientSampleId :

VX0525WBSD01

Tot Ion:	101	Resp:	69345
Ion Ratio	Lower	Upper	
101	100		
85	42.9	0.0	87.0
151	90.1	0.0	177.6

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#10

1,1-Dichloroethene

Concen: 20.479 ug/l

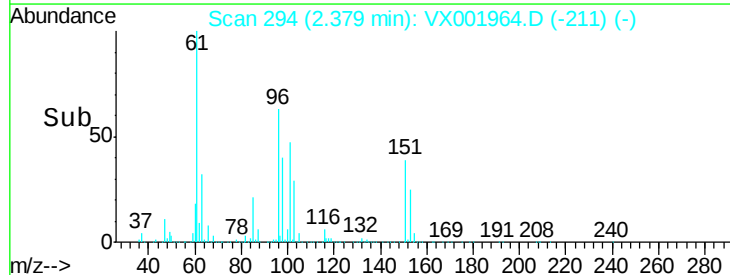
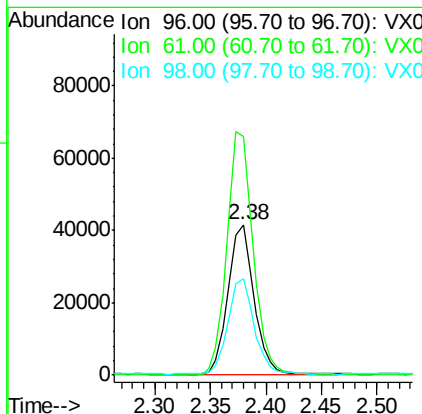
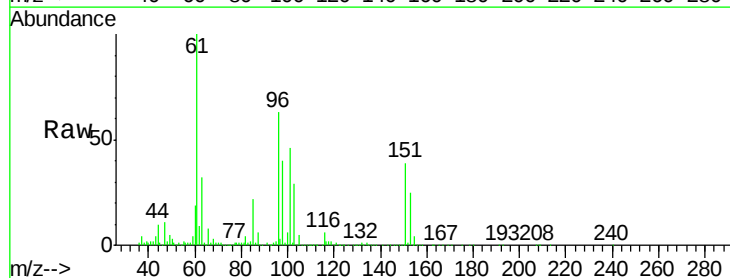
RT: 2.38 min Scan# 294

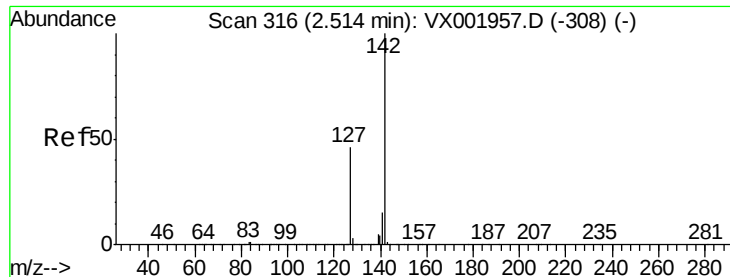
Delta R.T. 0.01 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Tgt Ion:	96	Resp:	67299
Ion Ratio	Lower	Upper	
96	100		
61	159.0	137.5	206.3
98	63.5	51.4	77.2





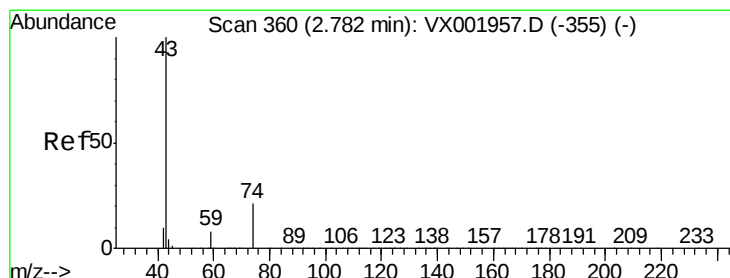
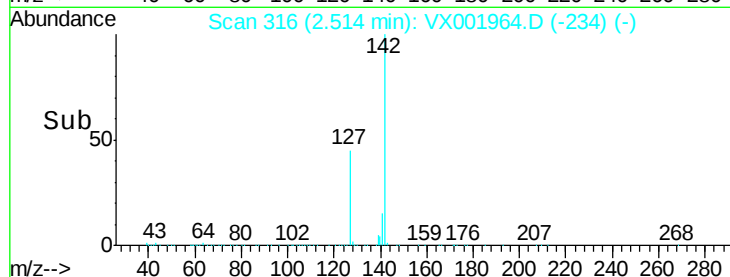
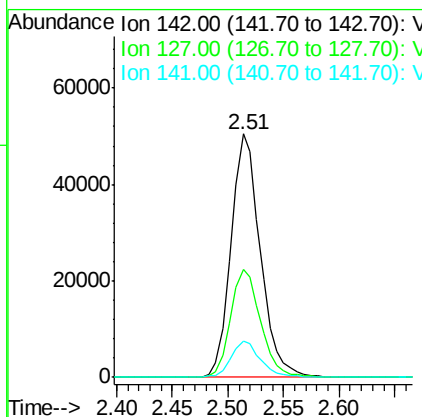
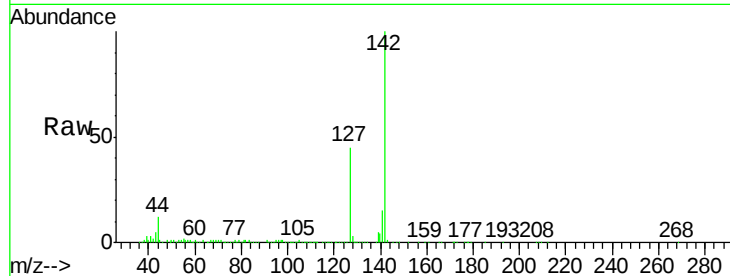
#11
Methvl Iodide
Concen: 17.821 ug/l
RT: 2.51 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX001964.D
Acq: 25 May 2018 02:33

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD01

Tot Ion	Ratio	Lower	Upper
142	100		
127	44.4	23.2	69.6
141	14.8	7.4	22.2

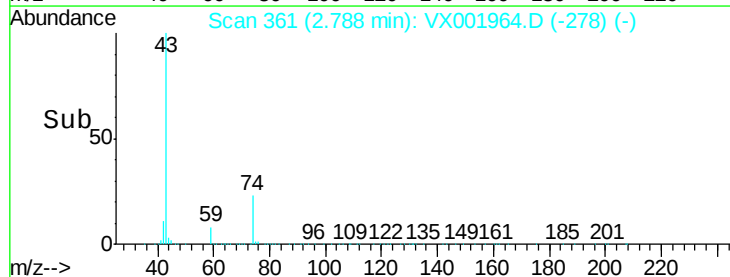
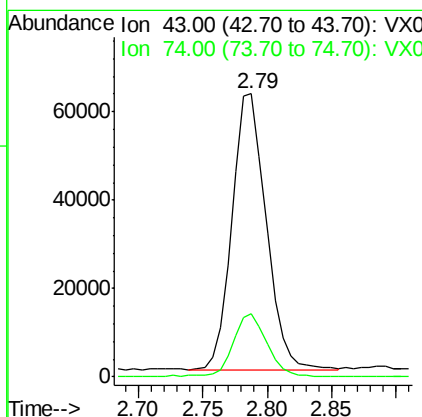
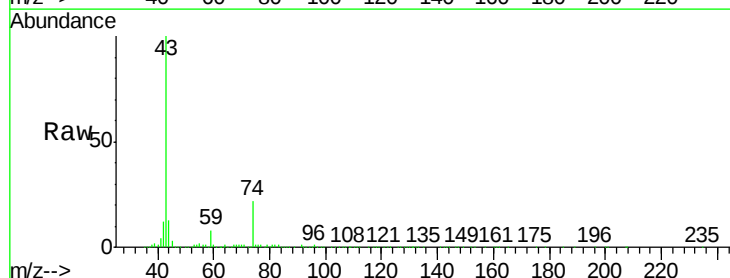
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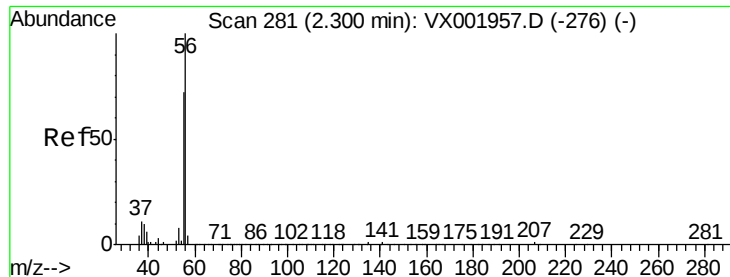
MMDadoda
5/29/2018 4:39:19 PM



#12
Methyl Acetate
Concen: 21.755 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX001964.D
Acq: 25 May 2018 02:33

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.4	16.4	24.6





#13

Acrolein

Concen: 97.366 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBSD01

Tot Ion: 56 Resp: 44157

Ion Ratio Lower Upper

56 100

55 73.2

57.3

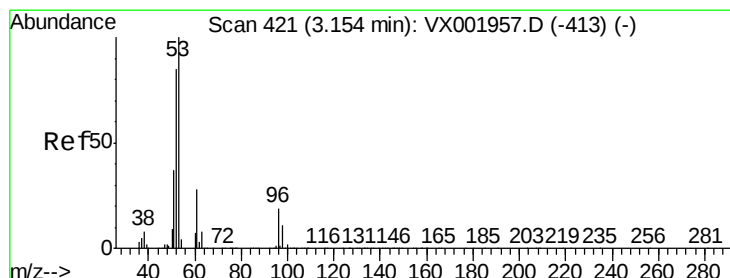
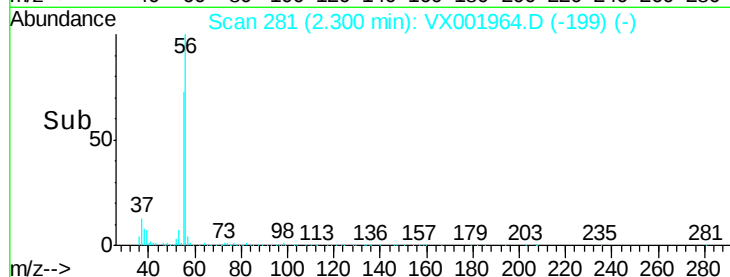
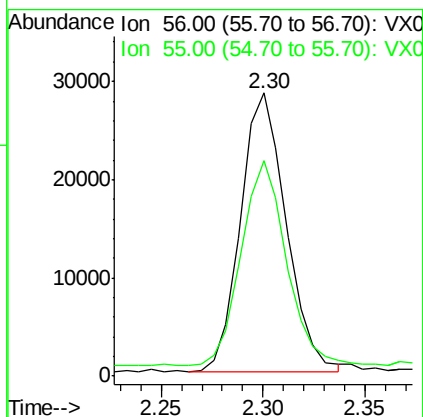
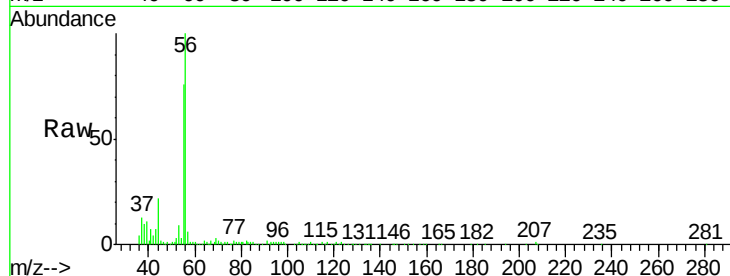
85.9

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#14

Acrylonitrile

Concen: 107.473 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Tgt Ion: 53 Resp: 235526

Ion Ratio Lower Upper

53 100

52 83.0

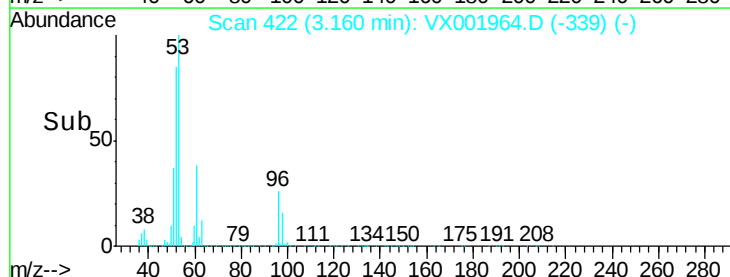
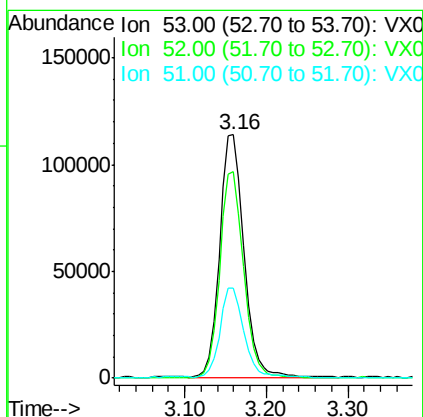
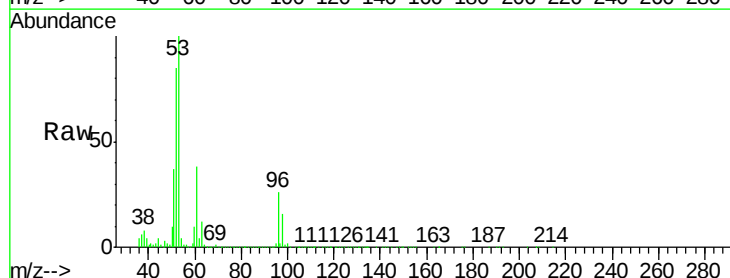
41.5

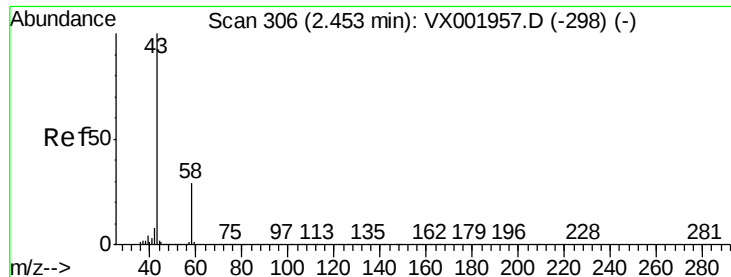
124.6

51 36.5

17.9

53.8





#15

Acetone

Concen: 108.923 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Tot Ion: 58 Resp: 63635

Ion Ratio Lower Upper

58 100

43 348.3 278.8 418.2

Instrument :

MSVOA_X

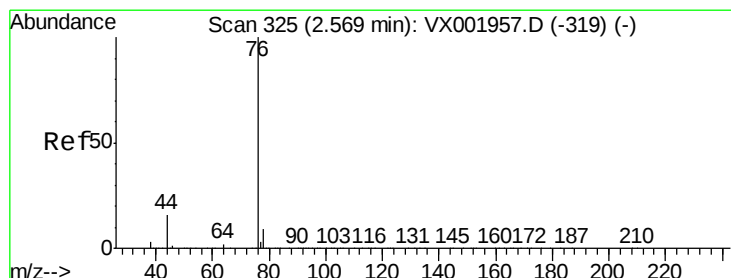
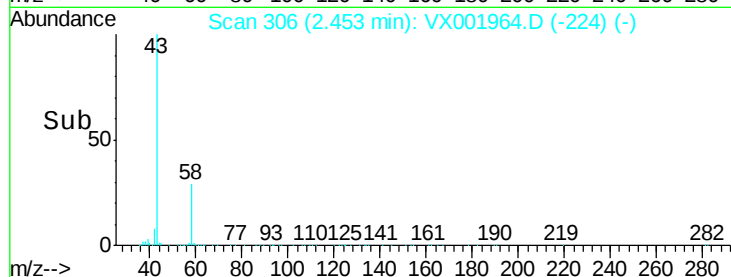
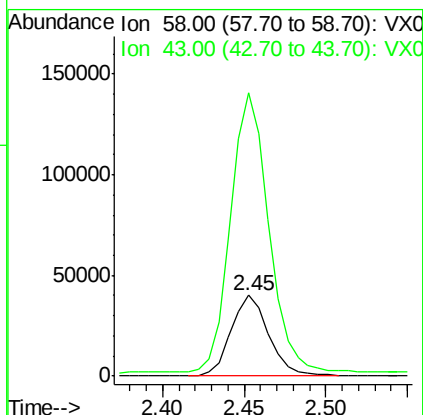
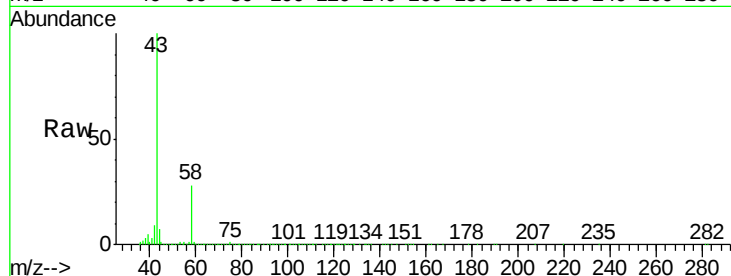
ClientSampleId :

VX0525WBSD01

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#16

Carbon Disulfide

Concen: 19.770 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX001964.D

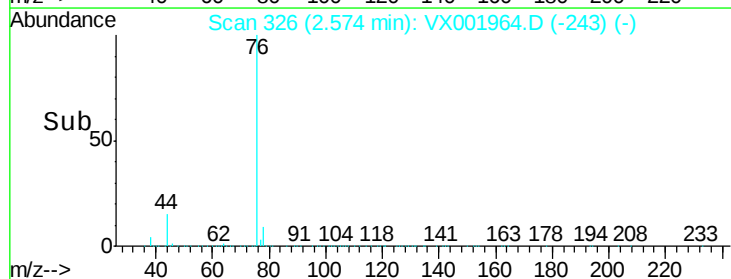
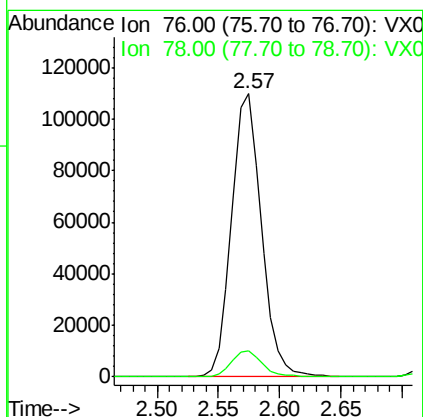
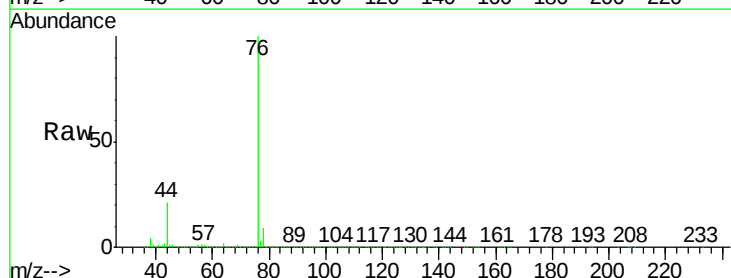
Acq: 25 May 2018 02:33

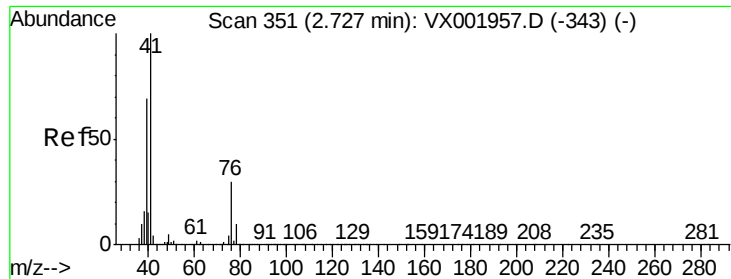
Tgt Ion: 76 Resp: 185526

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0





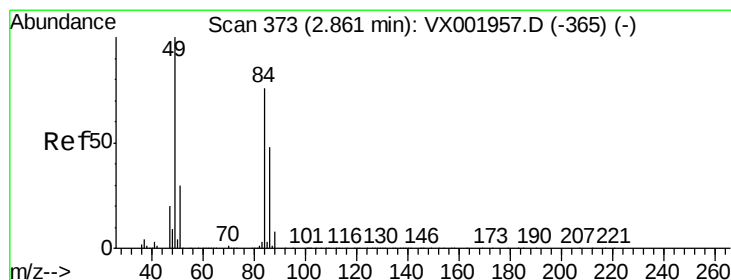
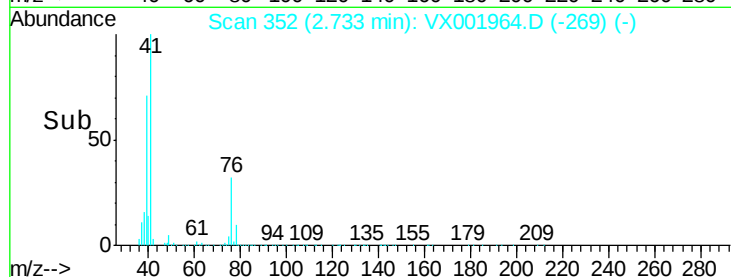
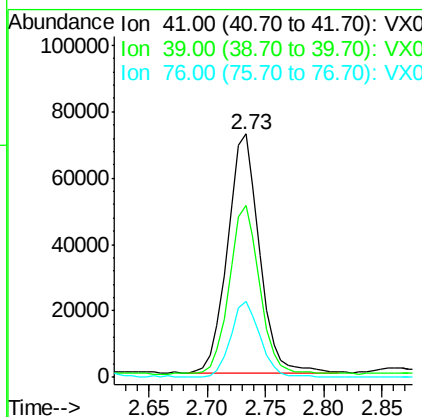
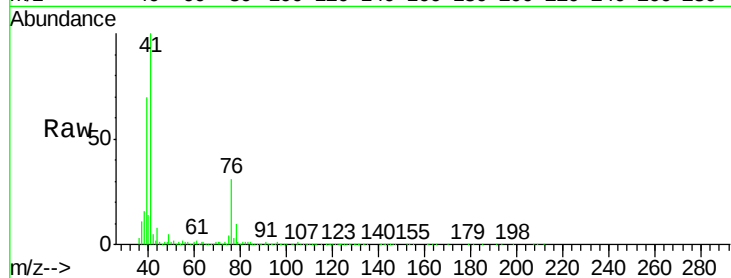
#17
Allvl chloride
Concen: 20.269 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.01 min
Lab File: VX001964.D
Acq: 25 May 2018 02:33

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	70.0	34.6	103.8
76	31.4	15.0	45.1

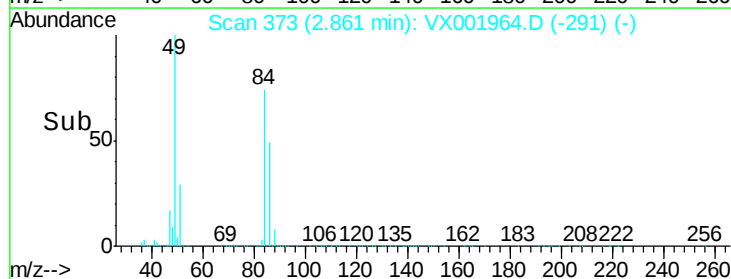
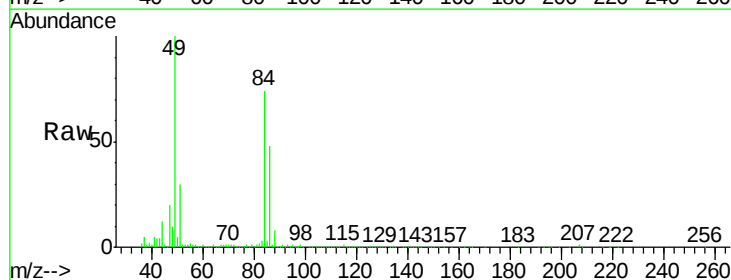
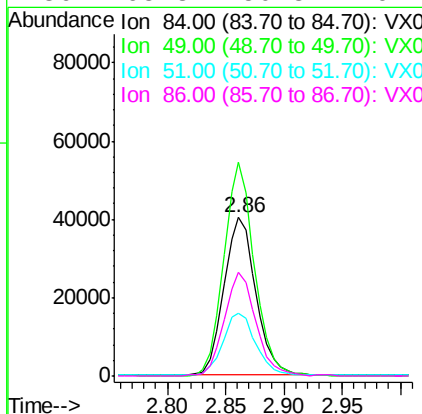
Manual Integrations
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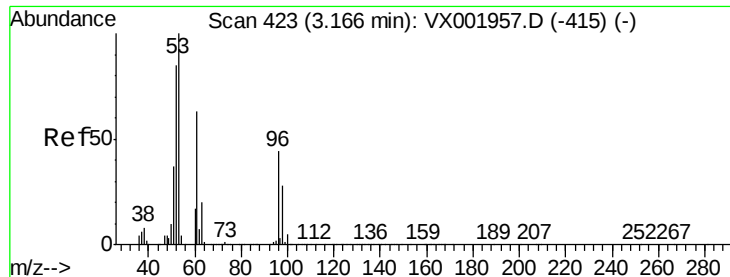
MMDadoda
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#18
Methylene Chloride
Concen: 20.718 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001964.D
Acq: 25 May 2018 02:33

Tgt Ion	Ratio	Lower	Upper
84	100		
49	135.5	104.7	157.1
51	39.6	31.0	46.4
86	65.3	50.8	76.2





#19

trans-1,2-Dichloroethene

Concen: 20.187 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Instrument :

MSVOA_X

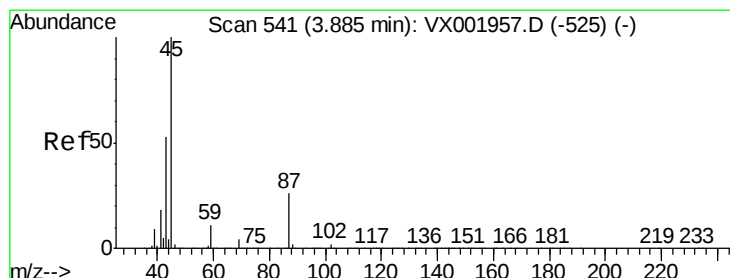
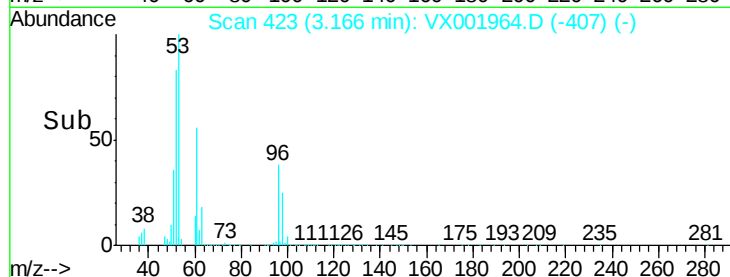
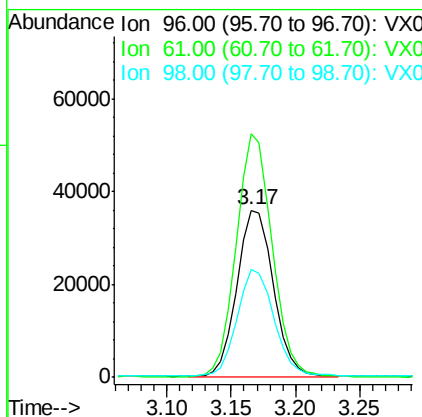
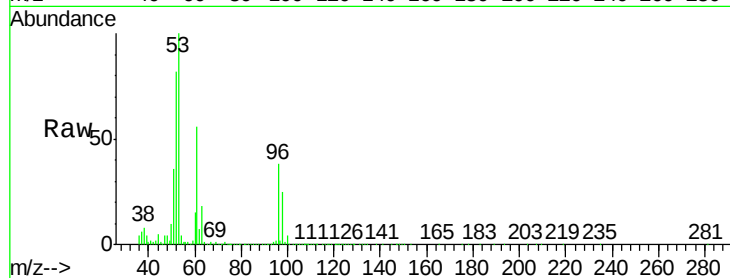
ClientSampled :

VX0525WBSD01

Tot Ion:	96	Resp:	70143
Ion	Ratio	Lower	Upper
96	100		
61	146.4	114.6	172.0
98	64.4	51.3	76.9

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#20

Diisopropyl ether

Concen: 22.274 ug/l

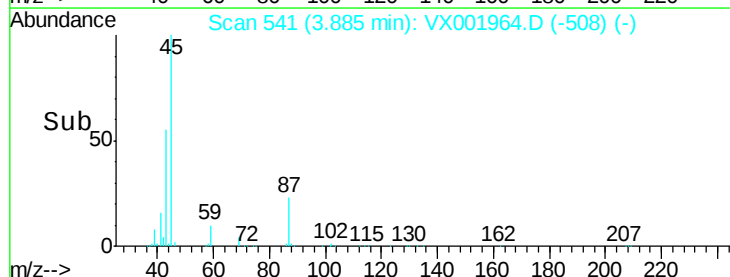
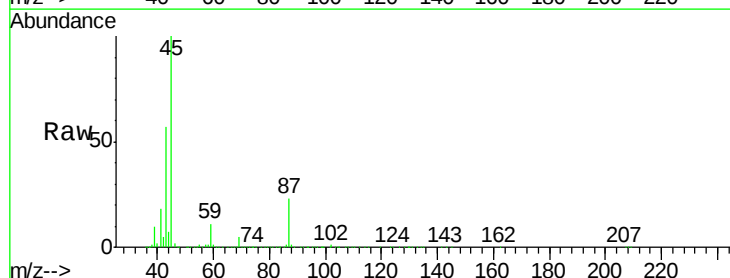
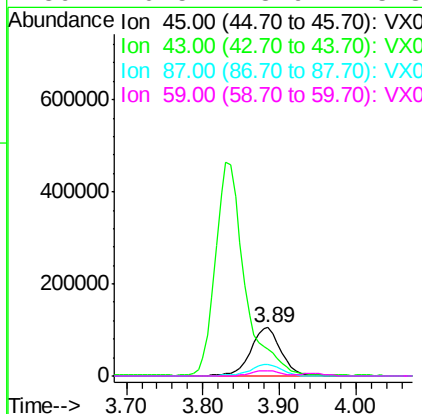
RT: 3.89 min Scan# 541

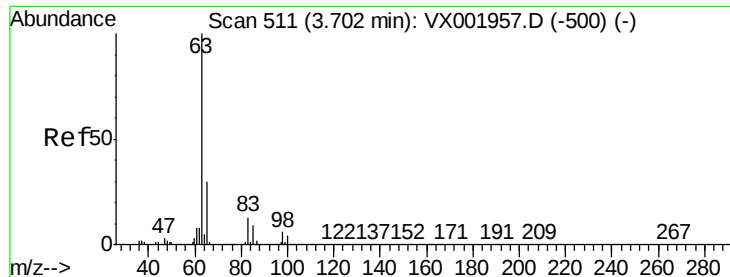
Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Tgt Ion:	45	Resp:	288465
Ion	Ratio	Lower	Upper
45	100		
43	55.0	45.6	68.4
87	23.3	20.7	31.1
59	10.5	8.9	13.3





#21

1,1-Dichloroethane

Concen: 20.536 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Instrument :

MSVOA_X

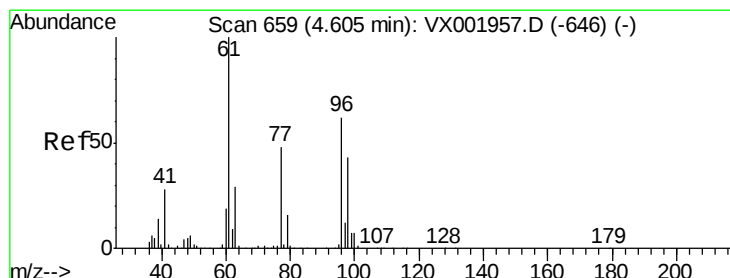
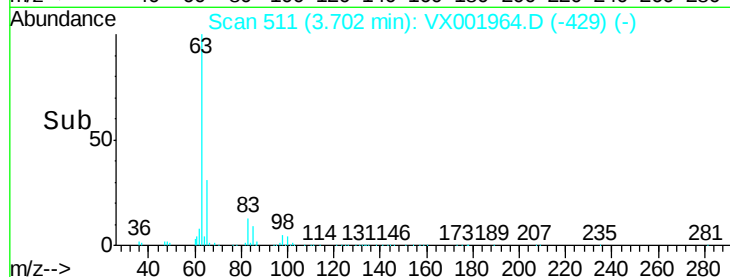
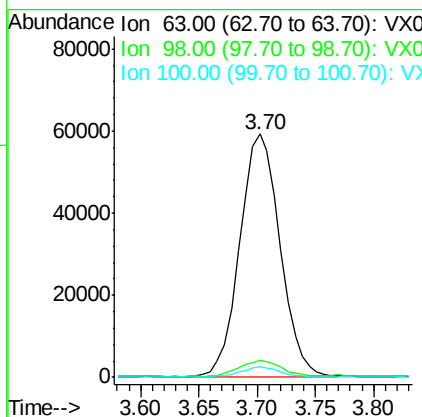
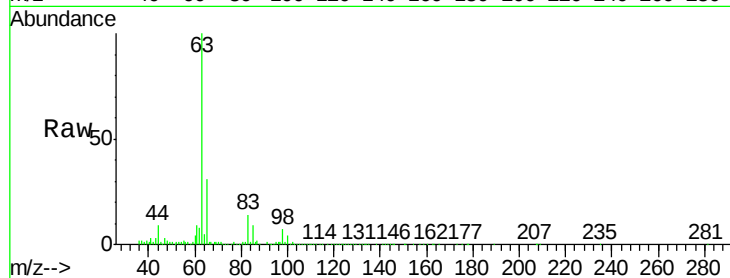
ClientSampleId :

VX0525WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
63	100				
98	6.6		3.1	9.3	
100	4.4		2.2	6.6	

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#22

cis-1,2-Dichloroethene

Concen: 20.297 ug/l

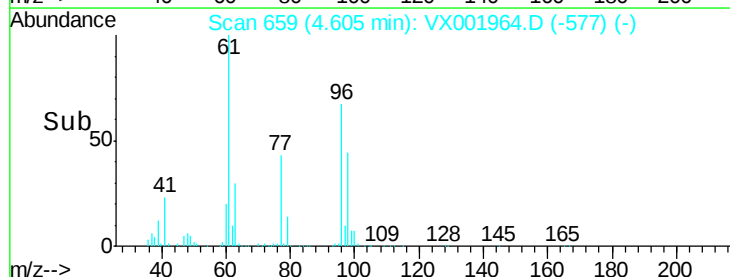
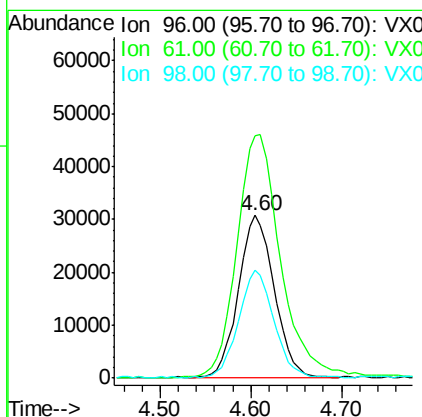
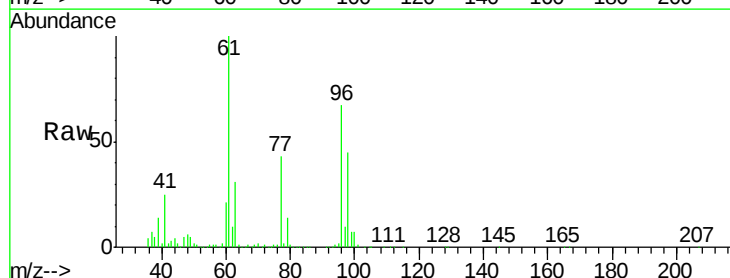
RT: 4.60 min Scan# 659

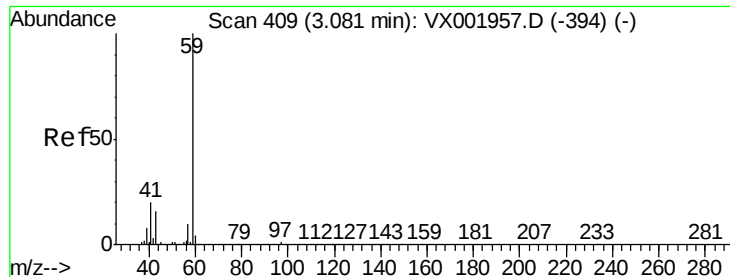
Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	100				
61	181.1		160.2	240.2	
98	64.4		54.1	81.1	





#23

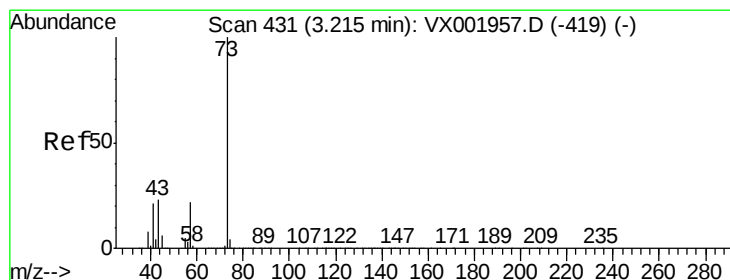
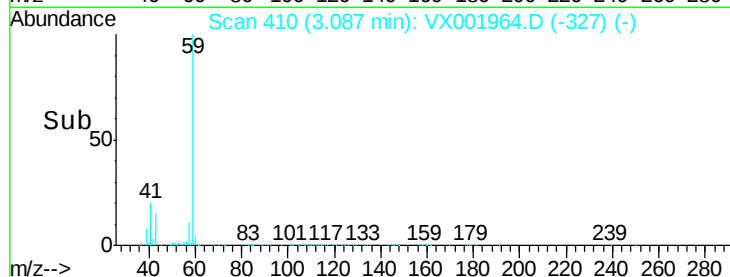
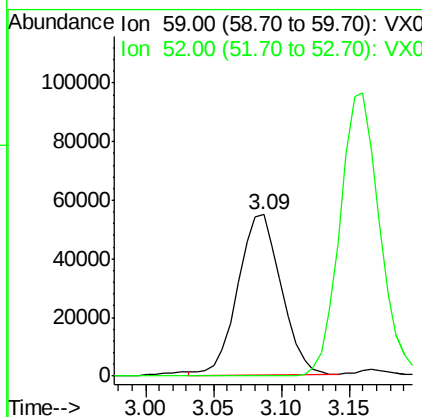
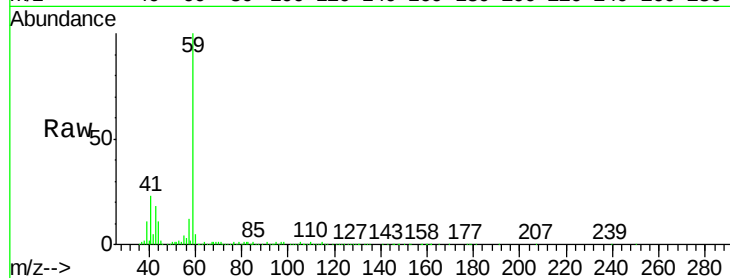
tert-Butyl Alcohol
 Concen: 107.767 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. 0.01 min
 Lab File: VX001964.D
 Acq: 25 May 2018 02:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.1	0.2	0.2#

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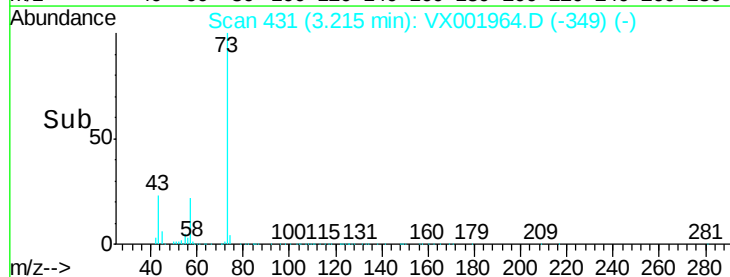
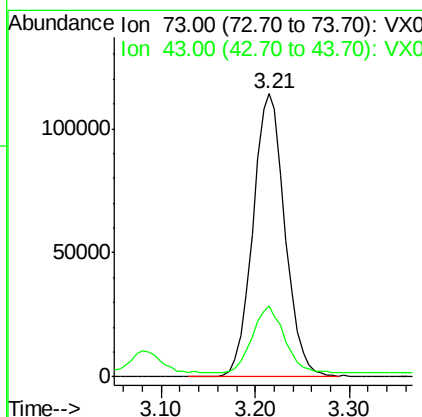
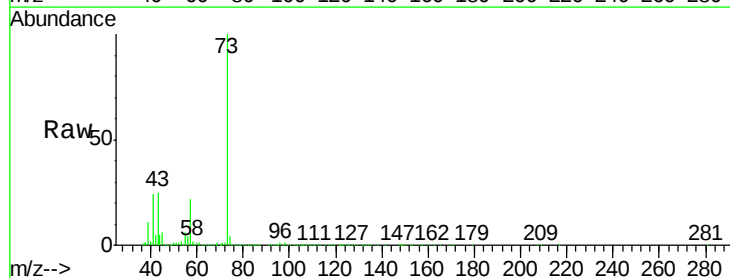
MMDadoda
 5/29/2018 4:39:19 PM

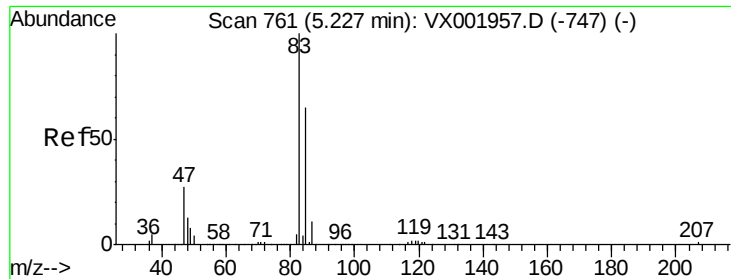


#24

Methyl tert-Butyl Ether
 Concen: 21.163 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. -0.00 min
 Lab File: VX001964.D
 Acq: 25 May 2018 02:33

Tgt Ion	Ratio	Lower	Upper
73	100		
43	23.5	19.0	28.4





#25

Chloroform

Concen: 20.389 ug/l

RT: 5.23 min Scan# 761

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBSD01

Tot Ion: 83 Resp: 147782

Ion Ratio Lower Upper

83 100

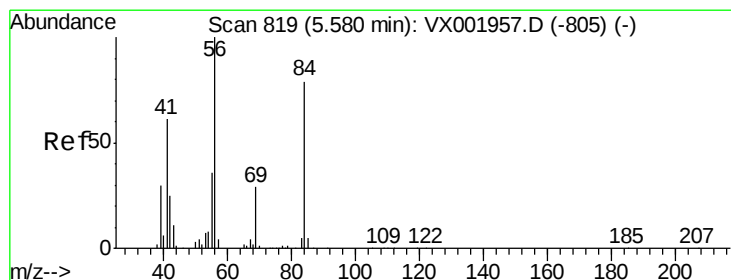
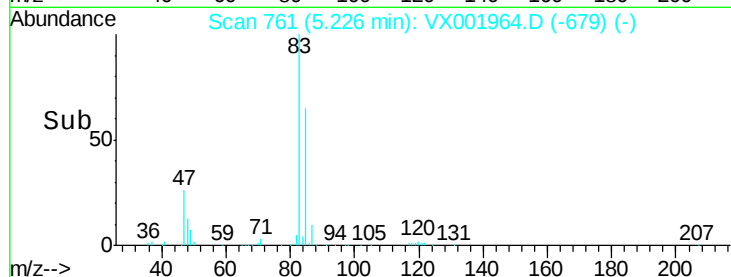
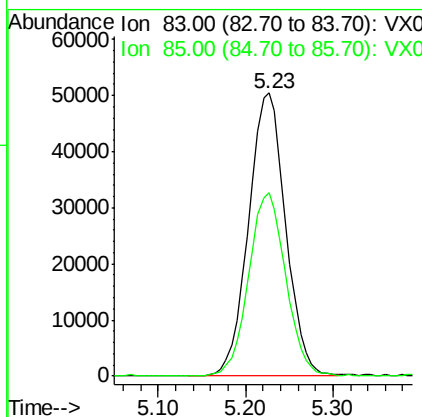
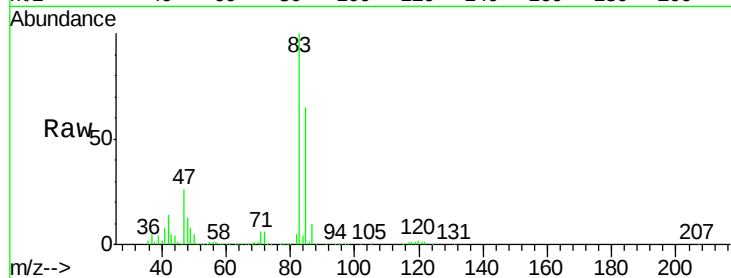
85 64.8 51.9 77.9

Manual Integrations

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#26

Cyclohexane

Concen: 20.203 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

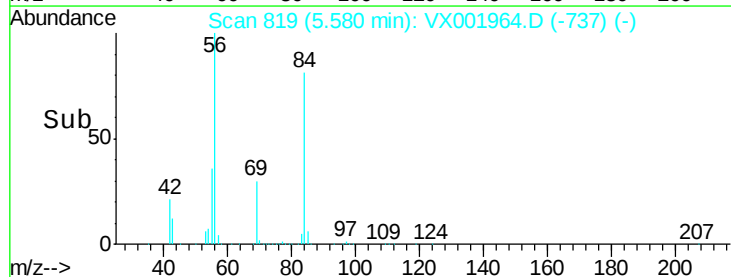
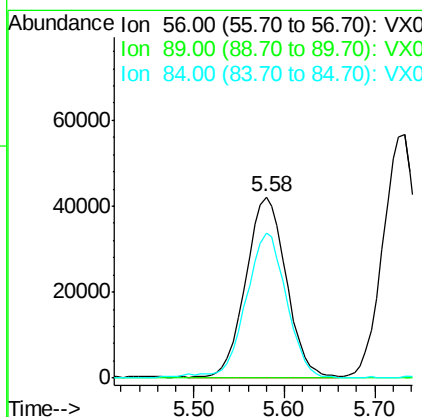
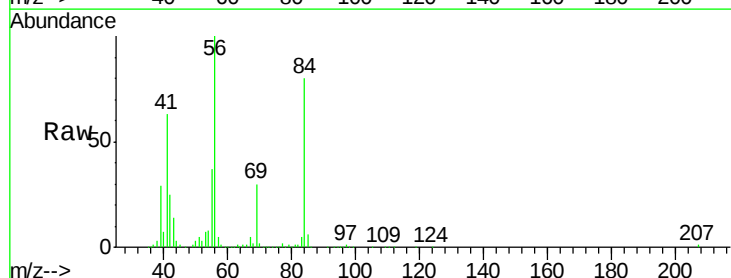
Tgt Ion: 56 Resp: 128177

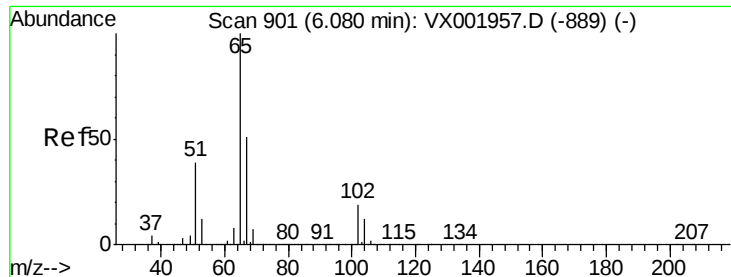
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 80.5 64.9 97.3





#27

1,2-Dichloroethane-d4

Concen: 29.865 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBSD01

Tot Ion: 65 Resp: 155233

Ion Ratio Lower Upper

65 100

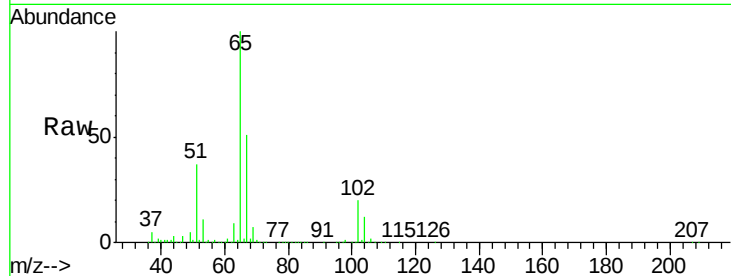
67 51.9 40.9 61.3

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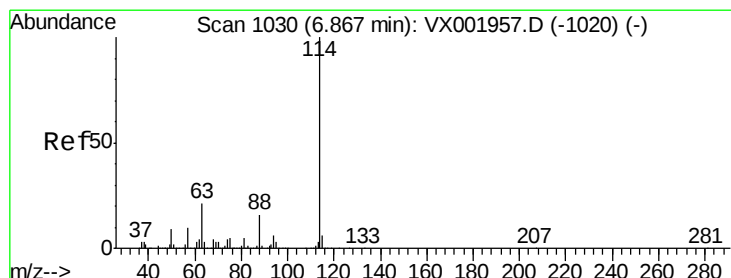
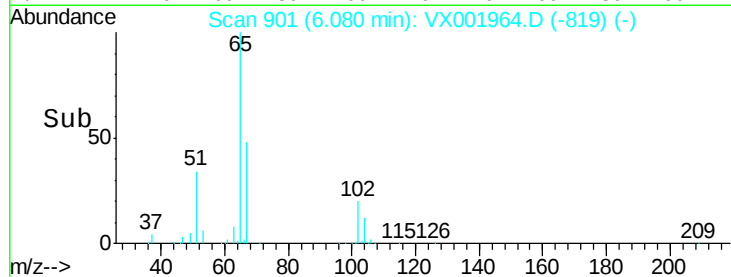
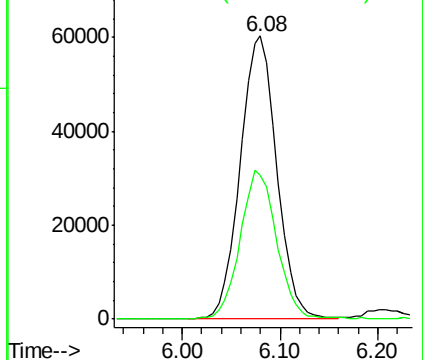
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Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

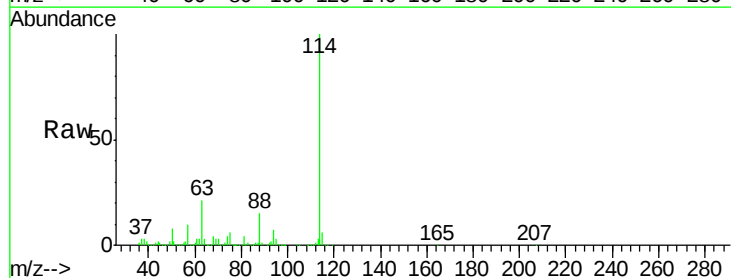
Tgt Ion: 114 Resp: 358773

Ion Ratio Lower Upper

114 100

63 21.2 17.1 25.7

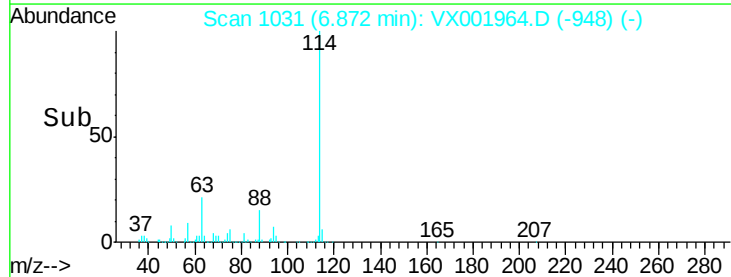
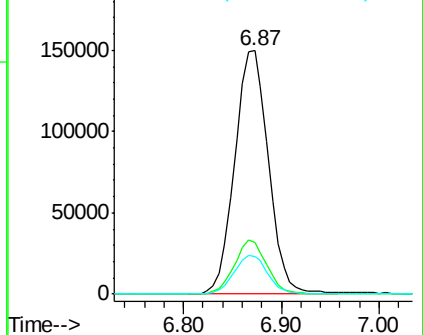
88 15.9 12.6 19.0

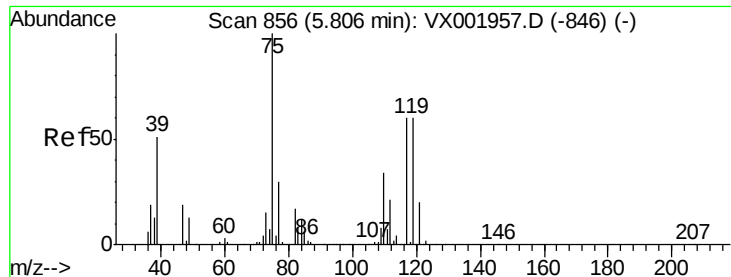


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 20.430 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Instrument :

MSVOA_X

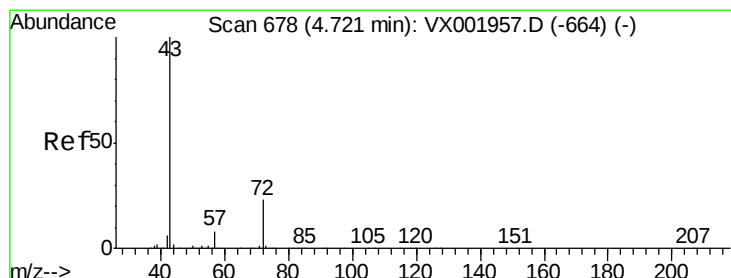
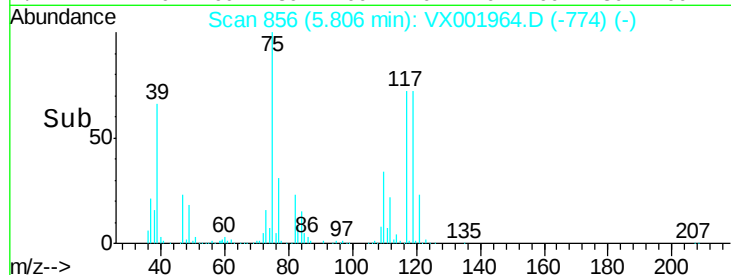
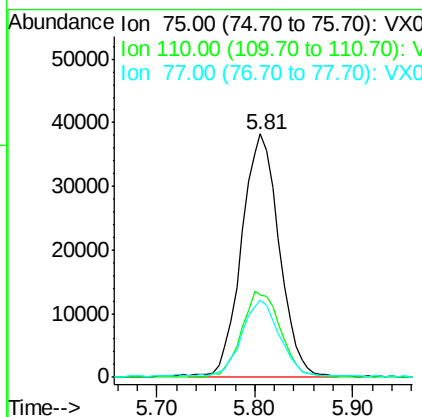
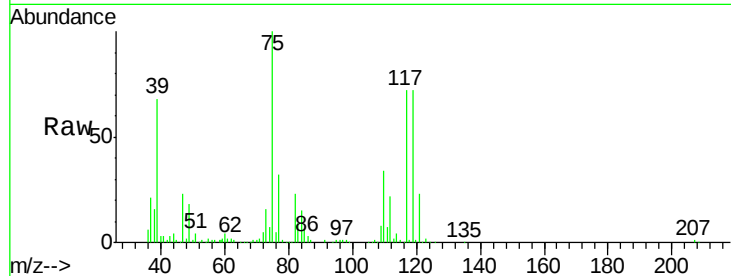
ClientSampleId :

VX0525WBSD01

Tot Ion:	75	Resp:	102553
Ion	Ratio	Lower	Upper
75	100		
110	35.8	0.0	71.4
77	31.0	0.0	60.6

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#30

2-Butanone

Concen: 110.849 ug/l

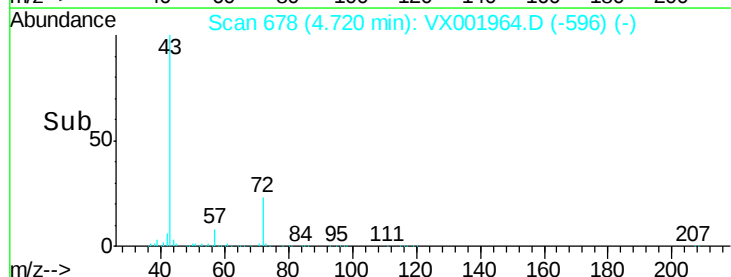
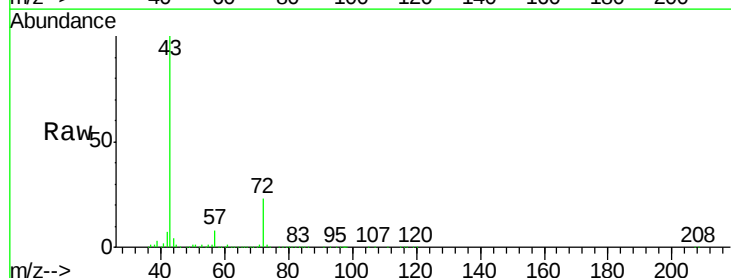
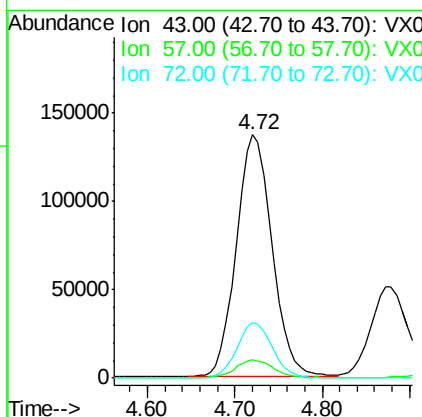
RT: 4.72 min Scan# 678

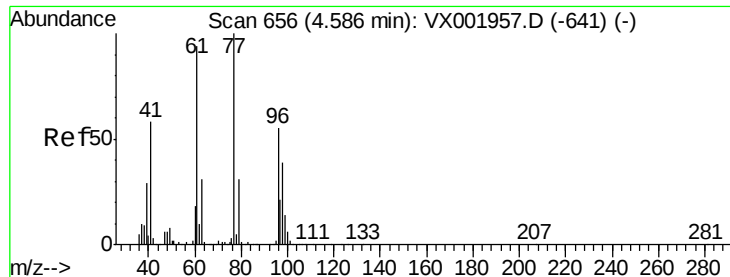
Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Tgt Ion:	43	Resp:	388109
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: 17.084 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBSD01

Tot Ion: 77 Resp: 75364

Ion Ratio Lower Upper

77 100

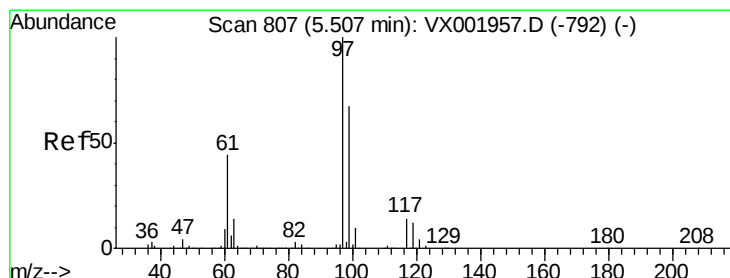
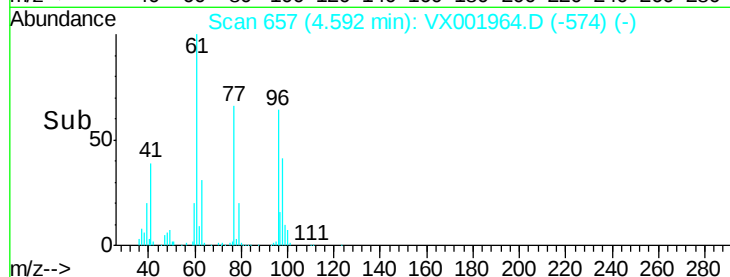
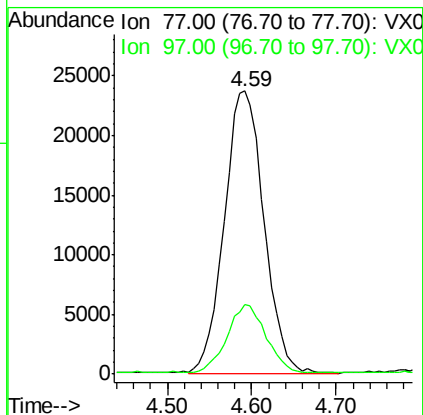
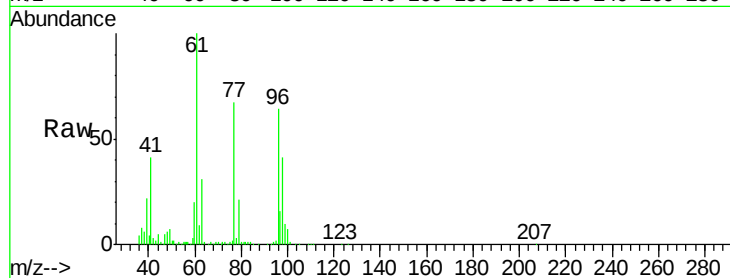
97 23.5 18.7 28.1

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 20.748 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

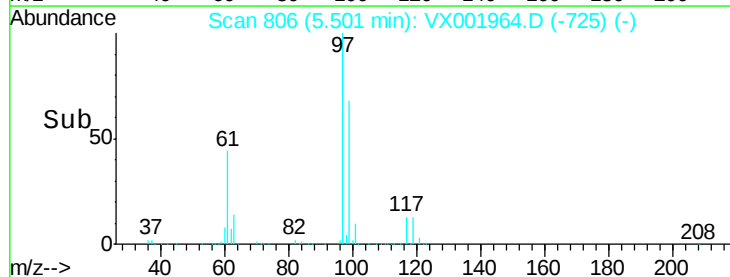
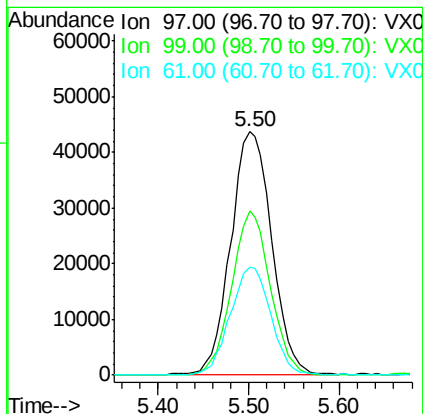
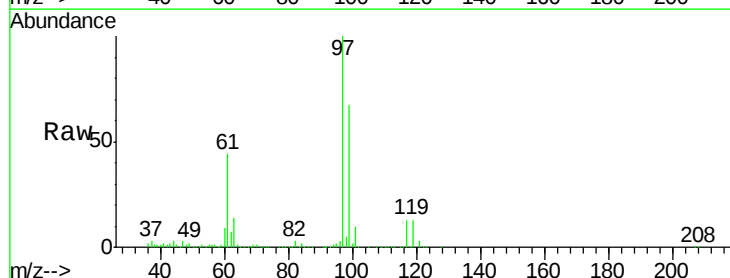
Tgt Ion: 97 Resp: 136022

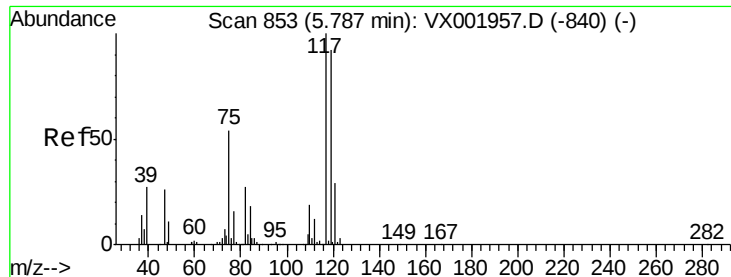
Ion Ratio Lower Upper

97 100

99 64.2 51.7 77.5

61 44.4 36.4 54.6





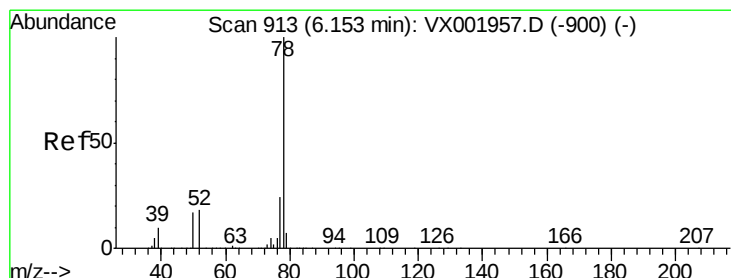
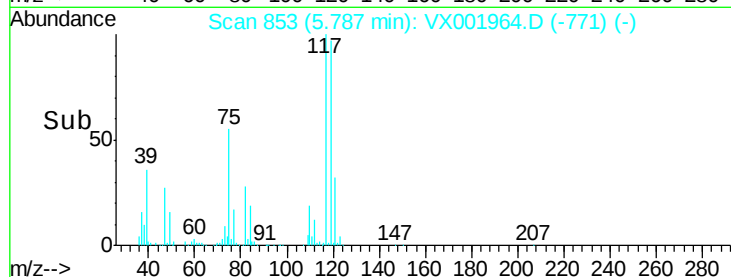
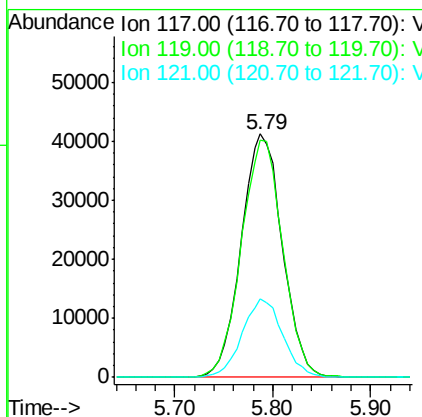
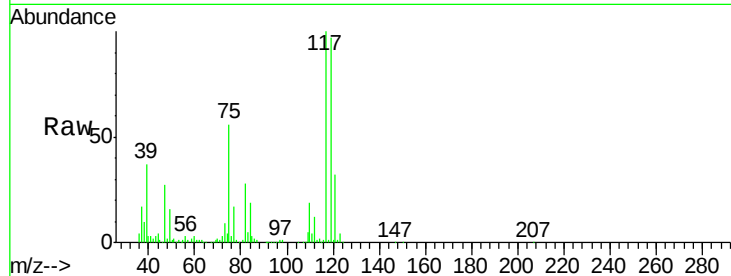
#33
Carbon Tetrachloride
Concen: 20.166 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001964.D
Acq: 25 May 2018 02:33

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
119	97.3	73.3	109.9
121	32.1	23.6	35.4

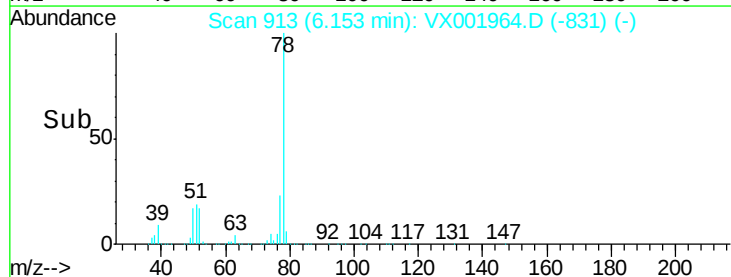
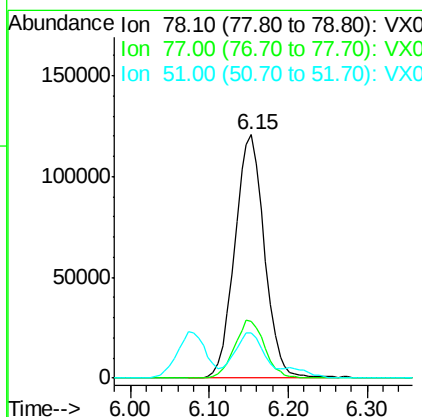
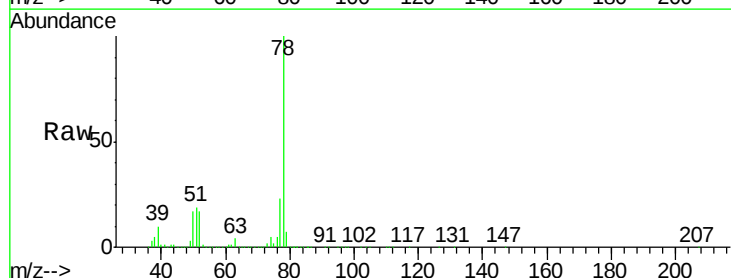
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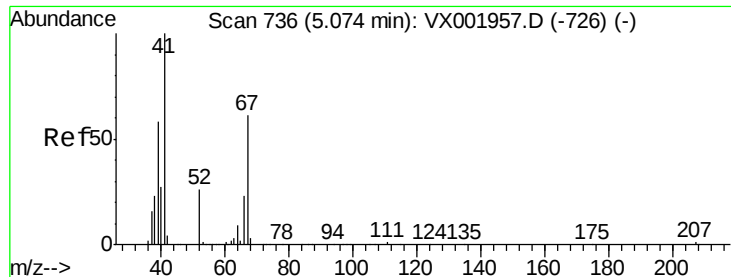
MMDadoda
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#34
Benzene
Concen: 20.873 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX001964.D
Acq: 25 May 2018 02:33

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.4	29.0
51	18.5	13.8	20.6





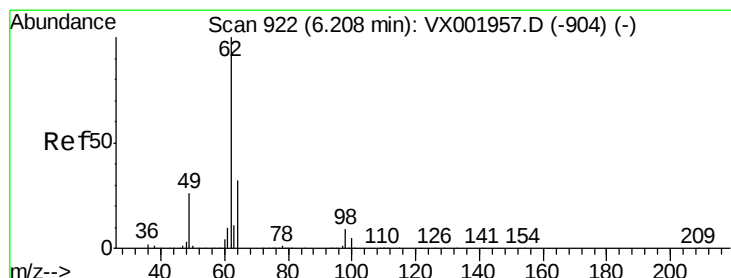
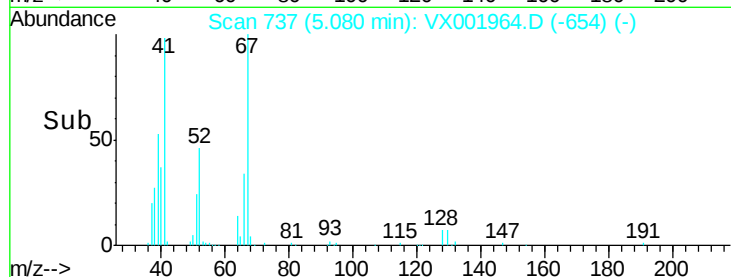
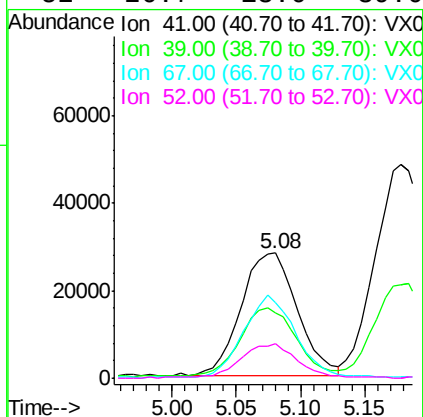
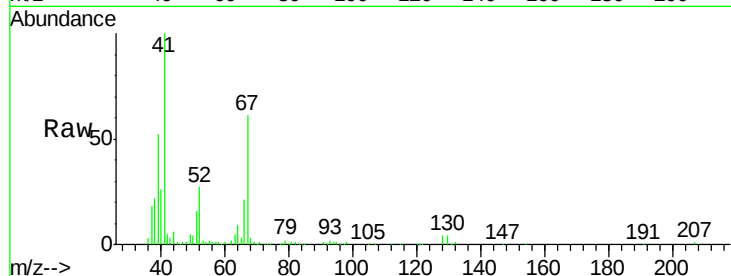
#35
Methacrylonitrile
Concen: 21.710 ug/l
RT: 5.08 min Scan# 737
Delta R.T. 0.01 min
Lab File: VX001964.D
Acq: 25 May 2018 02:33

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD01

Tot Ion:	41	Resp:	84170
Ion	Ratio	Lower	Upper
41	100		
39	51.6	28.8	86.5
67	61.4	30.4	91.2
52	26.7	13.0	39.0

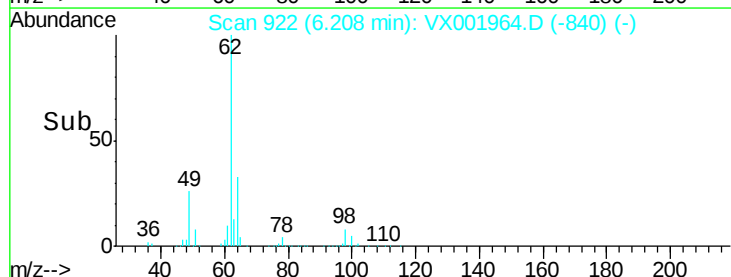
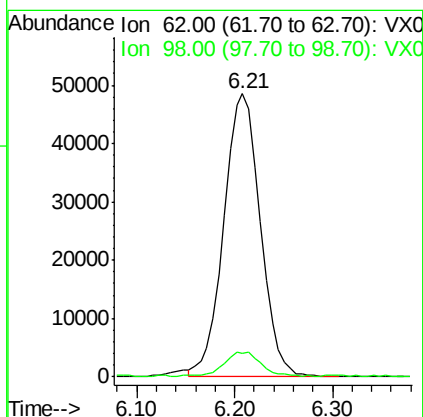
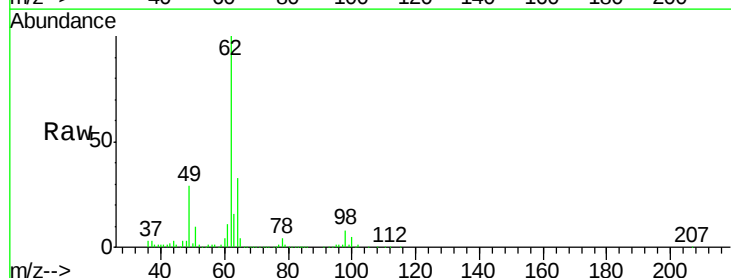
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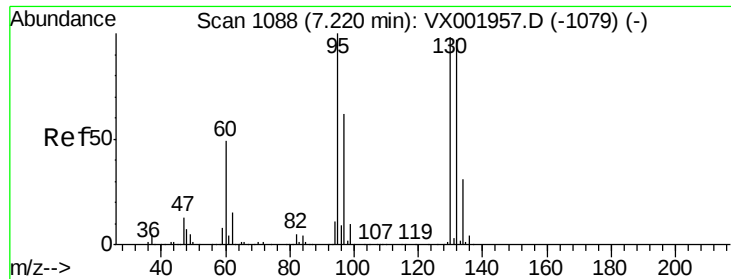
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#36
1,2-Dichloroethane
Concen: 21.311 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX001964.D
Acq: 25 May 2018 02:33

Tgt Ion:	62	Resp:	125853
Ion	Ratio	Lower	Upper
62	100		
98	8.4	6.5	9.7





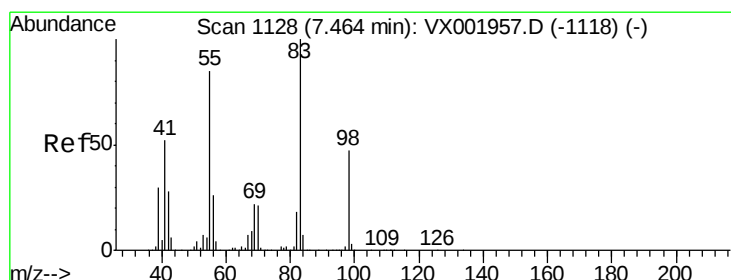
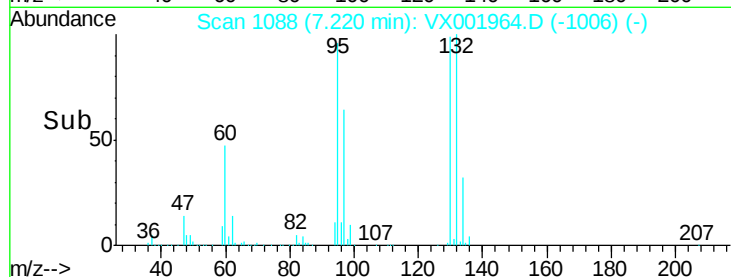
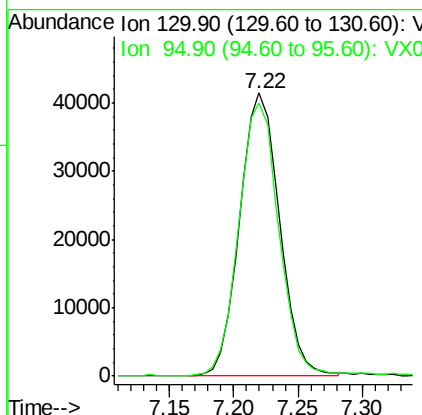
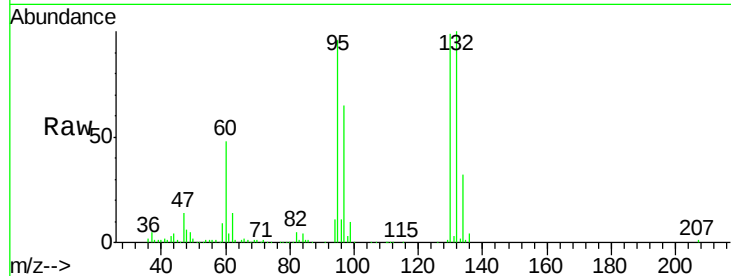
#37
 Trichloroethene
 Concen: 20.661 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX001964.D
 Acq: 25 May 2018 02:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525WBSD01

Tot Ion	Ratio	Lower	Upper
130	100		
95	96.5	81.5	122.3

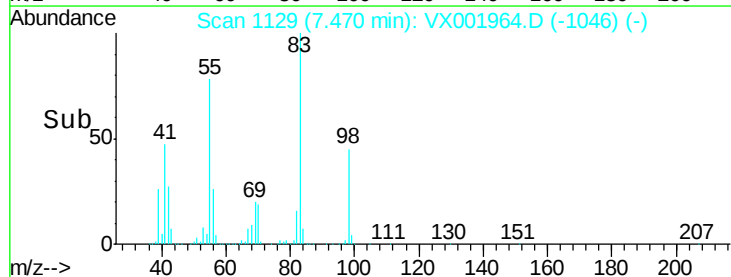
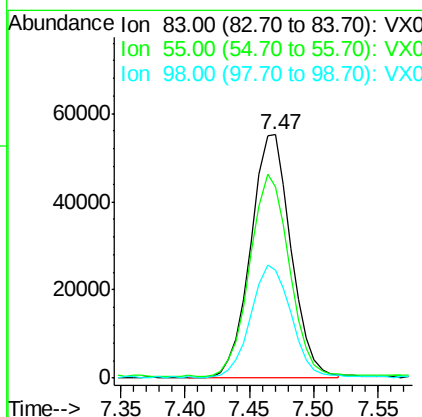
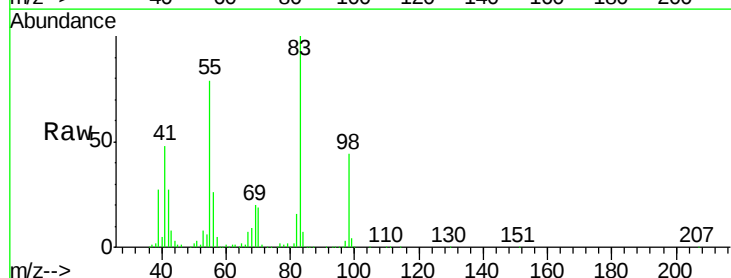
Manual Integrations
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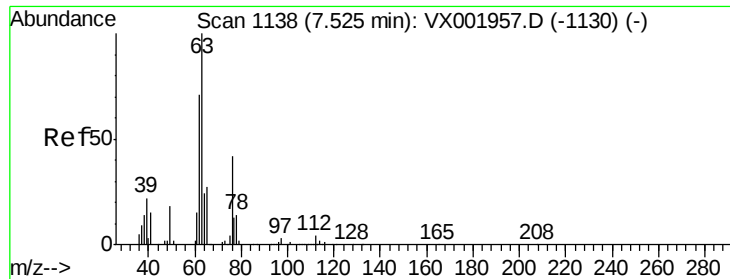
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#38
 Methylcyclohexane
 Concen: 20.329 ug/l
 RT: 7.47 min Scan# 1129
 Delta R.T. 0.01 min
 Lab File: VX001964.D
 Acq: 25 May 2018 02:33

Tgt Ion	Ratio	Lower	Upper
83	100		
55	81.7	40.6	121.8
98	46.1	23.5	70.5





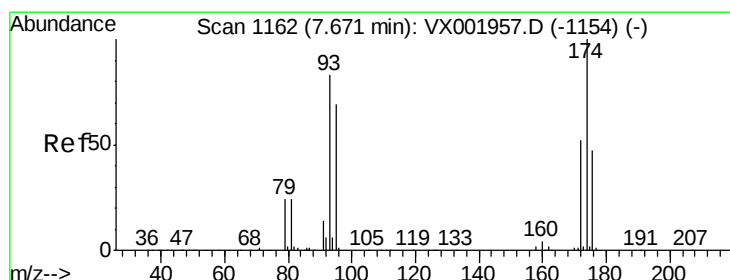
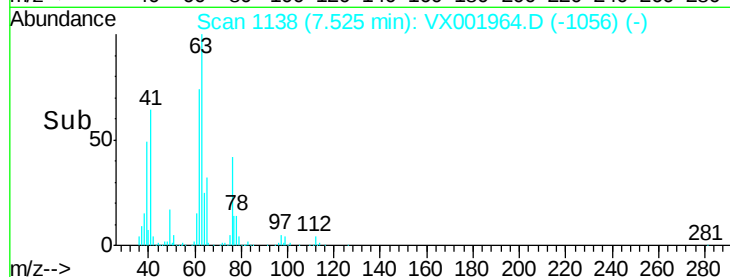
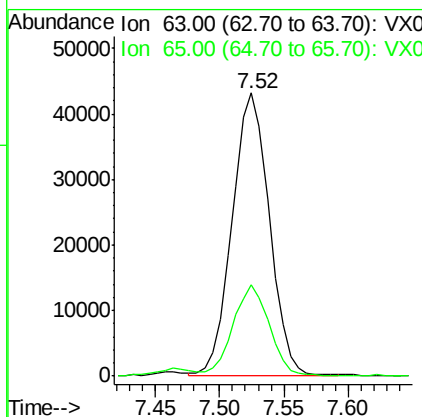
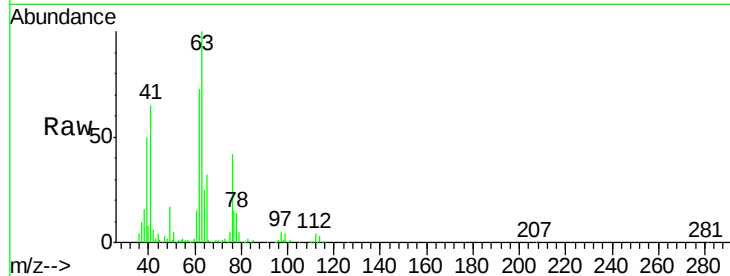
#39
 1,2-Dichloropropane
 Concen: 21.132 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX001964.D
 Acq: 25 May 2018 02:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.0	23.3	34.9

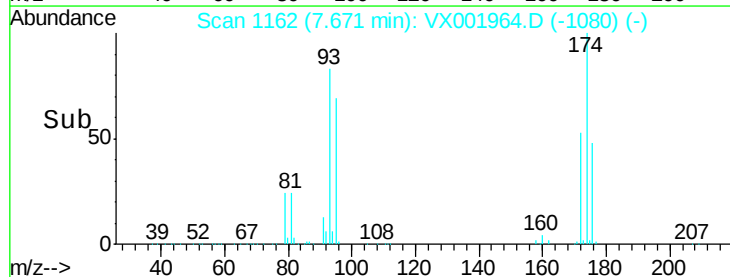
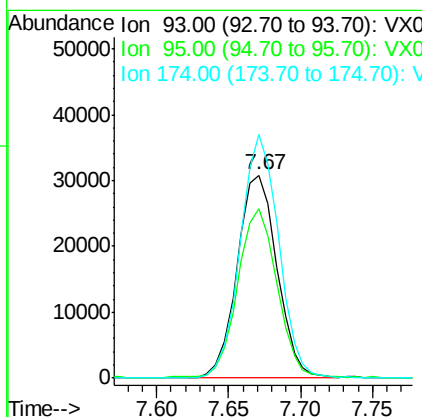
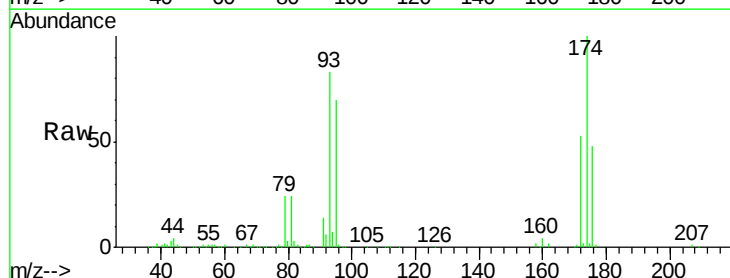
Manual Integrations
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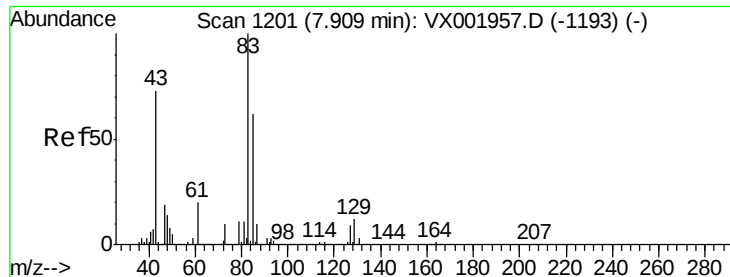
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 5/29/2018 4:39:19 PM



#40
 Dibromomethane
 Concen: 21.582 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX001964.D
 Acq: 25 May 2018 02:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.1	0.0	162.6
174	114.9	0.0	229.4





#41

Bromodichloromethane

Concen: 20.924 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Instrument :

MSVOA_X

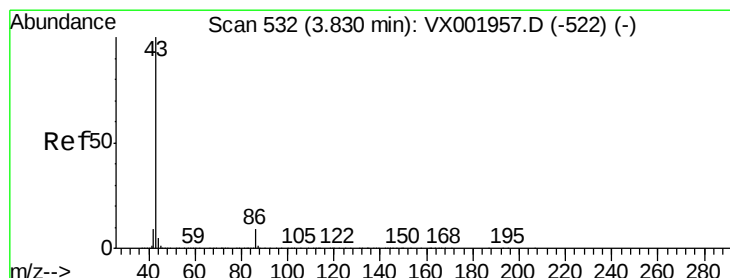
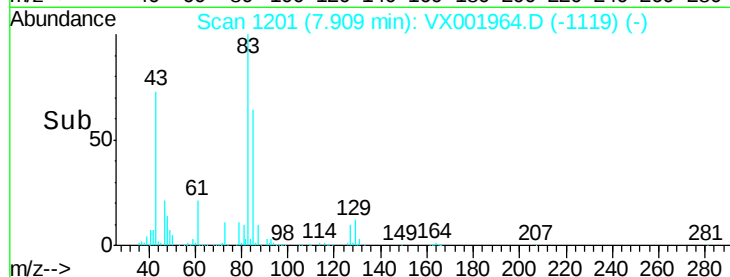
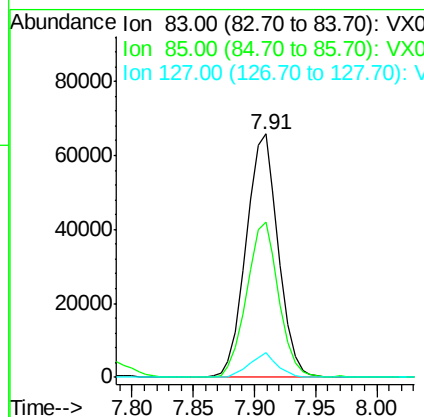
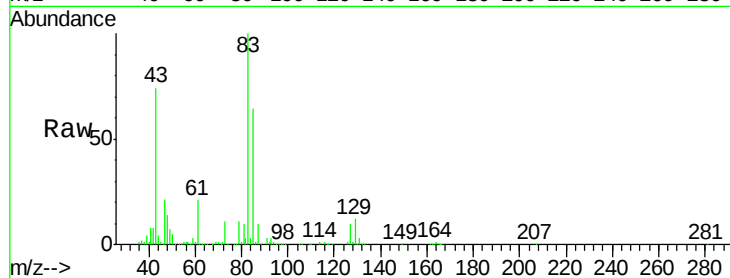
ClientSampleId :

VX0525WBSD01

Tot Ion:	83	Resp:	119355
Ion	Ratio	Lower	Upper
83	100		
85	63.8	49.8	74.8
127	10.0	7.3	10.9

Manual Integrations
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#42

Vinyl Acetate

Concen: 111.068 ug/l

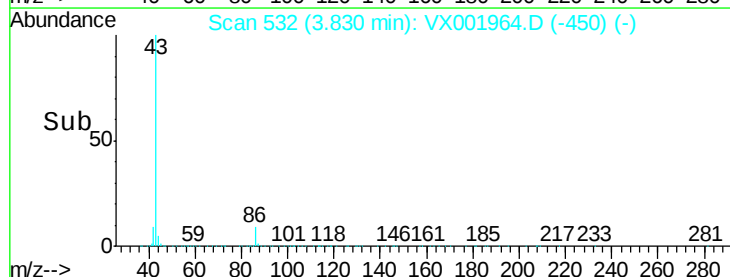
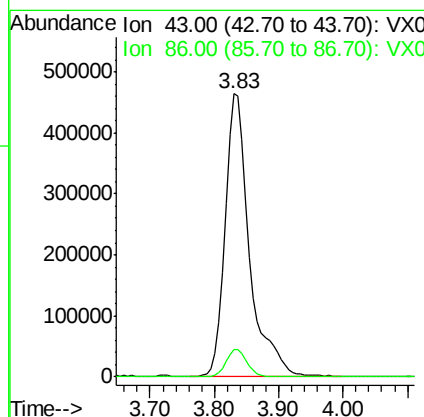
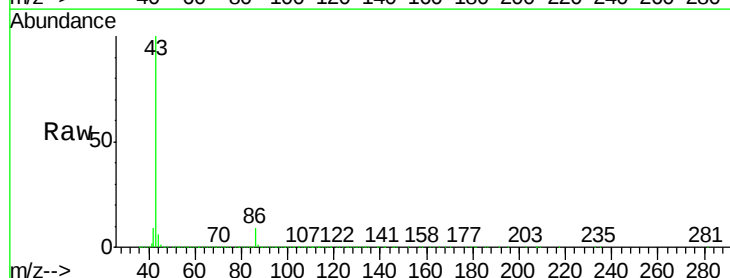
RT: 3.83 min Scan# 532

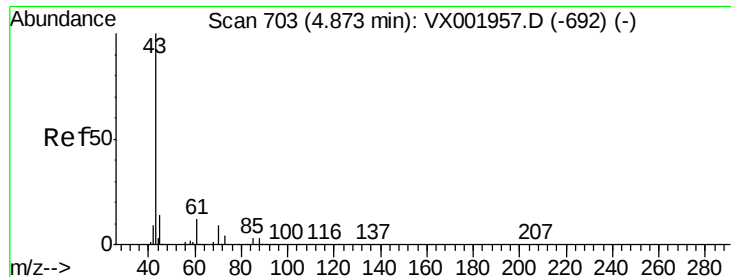
Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Tgt Ion:	43	Resp:	1230289
Ion	Ratio	Lower	Upper
43	100		
86	8.5	6.7	10.1





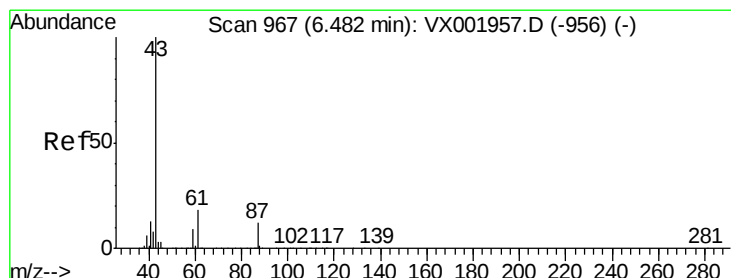
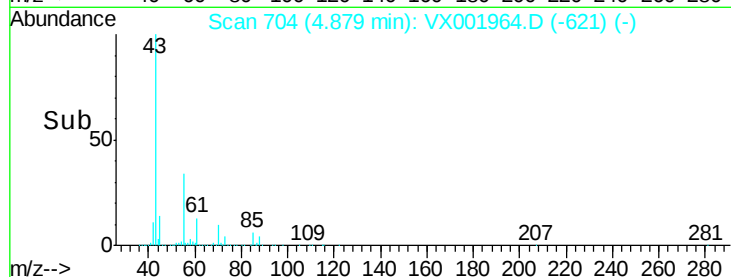
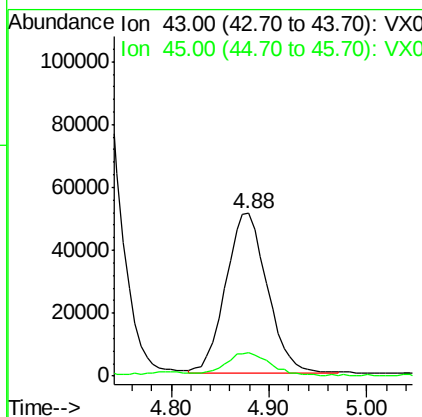
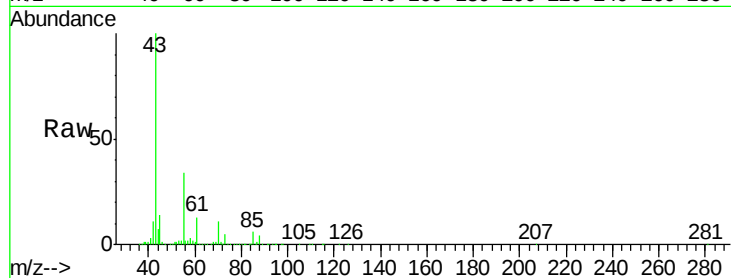
#43
Ethyl Acetate
Concen: 21.785 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX001964.D
Acq: 25 May 2018 02:33

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
43	43	100		
45	45	14.8	11.0	16.4

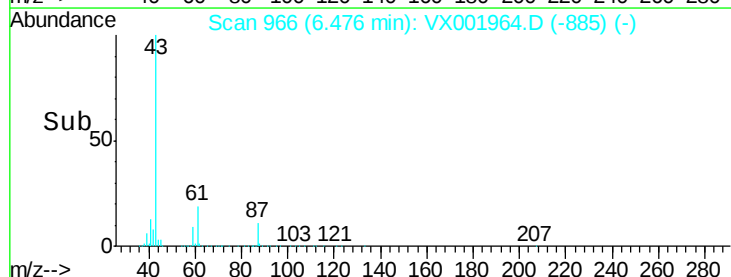
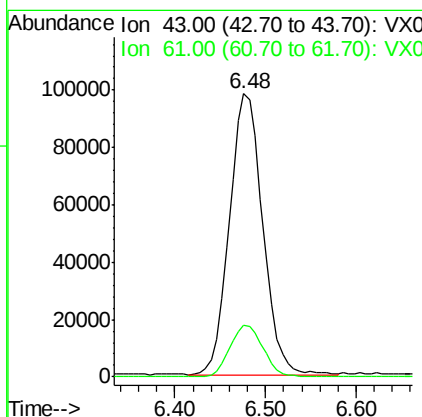
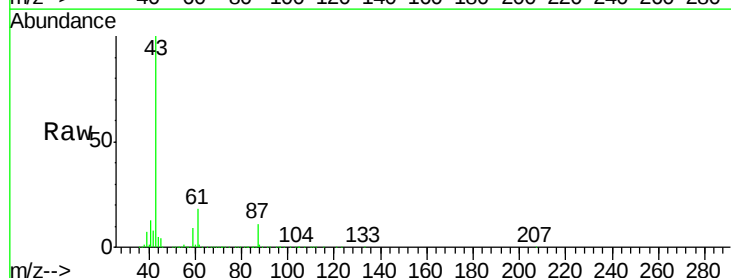
Manual Integrations
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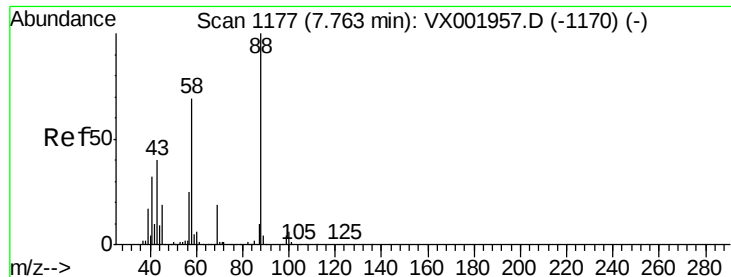
MMDadoda
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#44
Isopropyl Acetate
Concen: 21.858 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.01 min
Lab File: VX001964.D
Acq: 25 May 2018 02:33

Tgt Ion	Ion	Ratio	Lower	Upper
43	43	100		
61	61	18.5	14.5	21.7





#45

1,4-Dioxane

Concen: 440.779 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBSD01

Tot Ion: 88 Resp: 47920

Ion Ratio Lower Upper

88 100

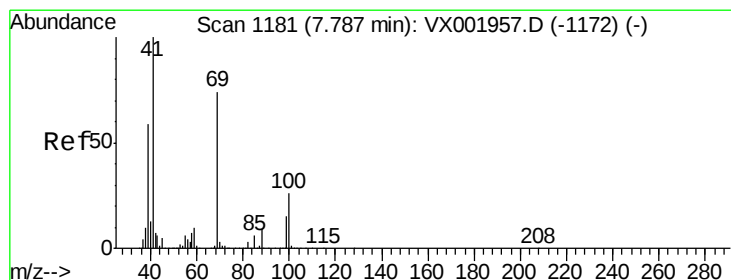
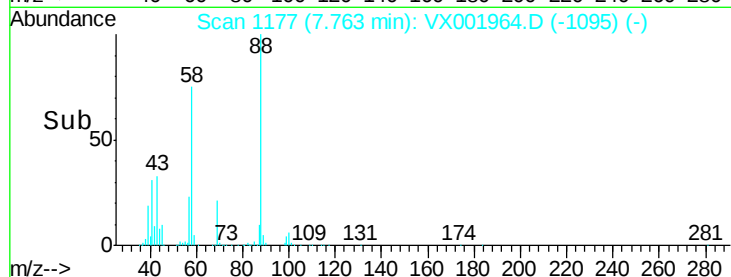
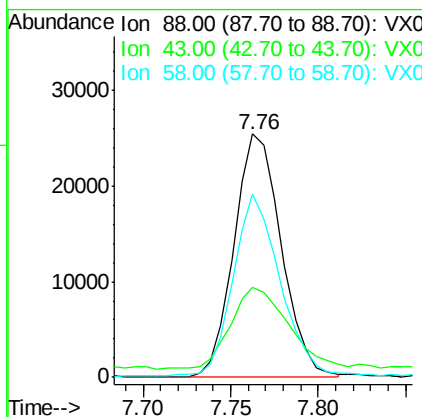
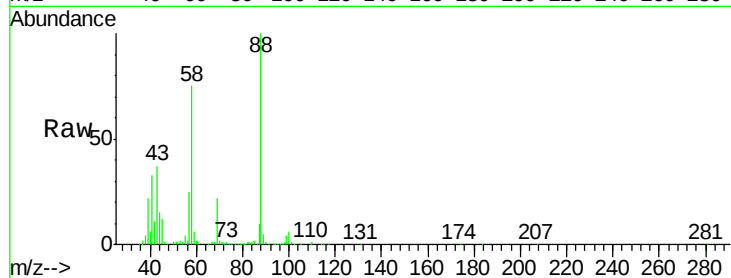
43 40.4 43.2 64.8#

58 74.7 60.2 90.2

Manual Integrations
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#46

Methyl methacrylate

Concen: 21.538 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

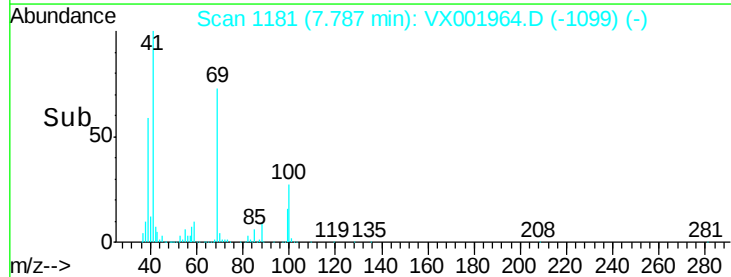
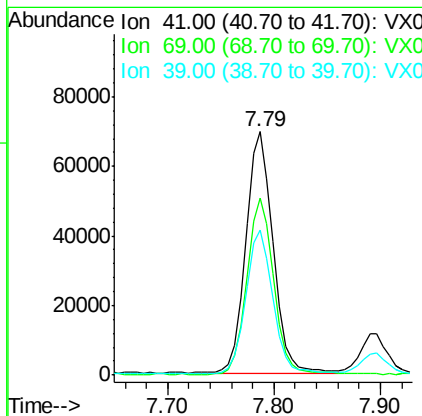
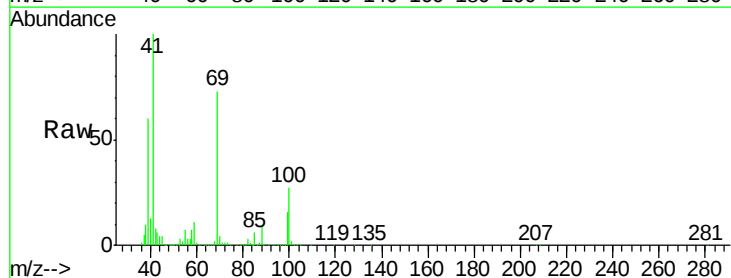
Tgt Ion: 41 Resp: 124643

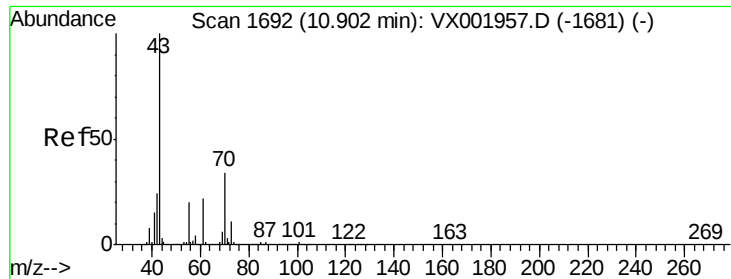
Ion Ratio Lower Upper

41 100

69 73.1 37.0 110.9

39 59.1 29.6 88.9





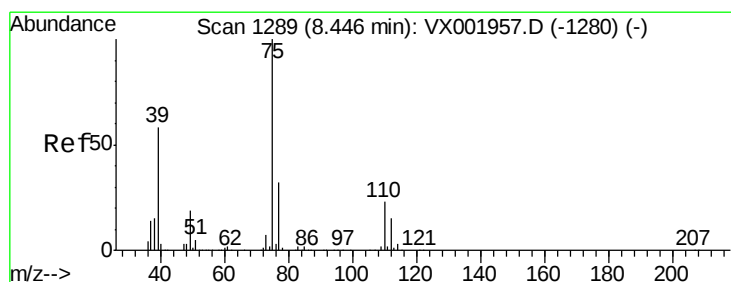
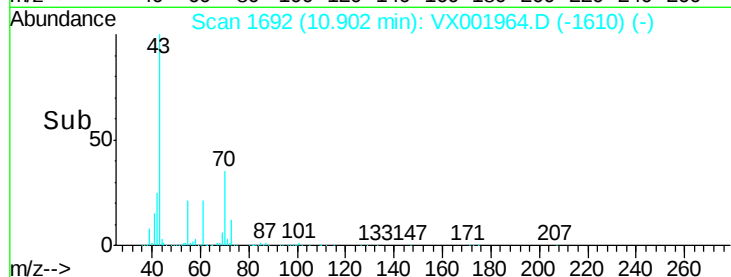
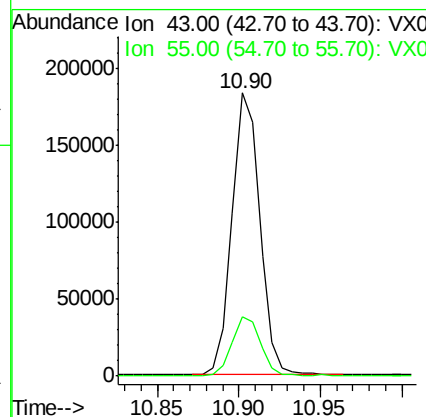
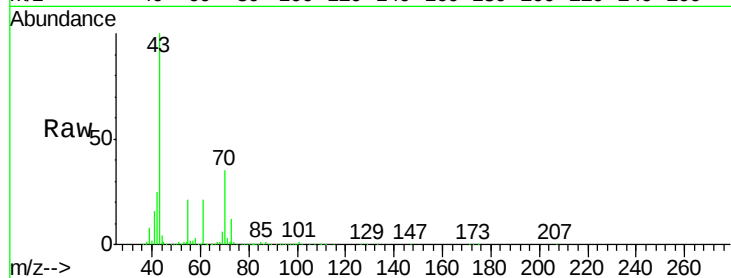
#47
n-amvl Acetate
Concen: 20.709 ug/l
RT: 10.90 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX001964.D
Acq: 25 May 2018 02:33

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD01

Tot Ion: 43 Resp: 217727
Ion Ratio Lower Upper
43 100
55 21.4 0.1 0.1#

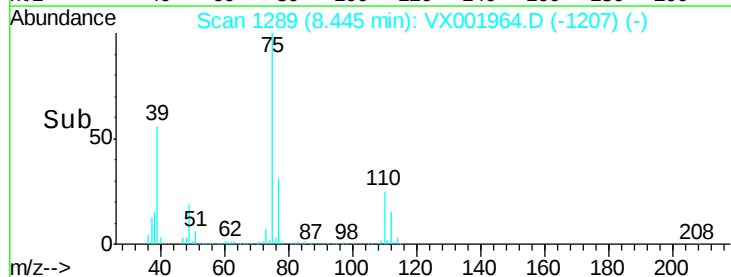
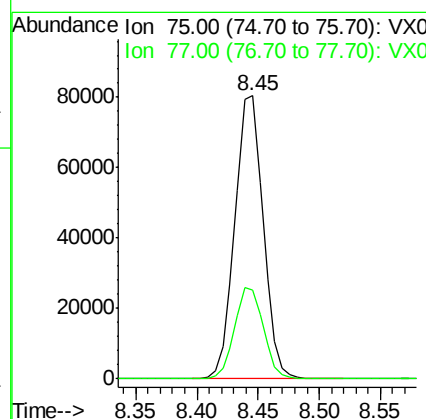
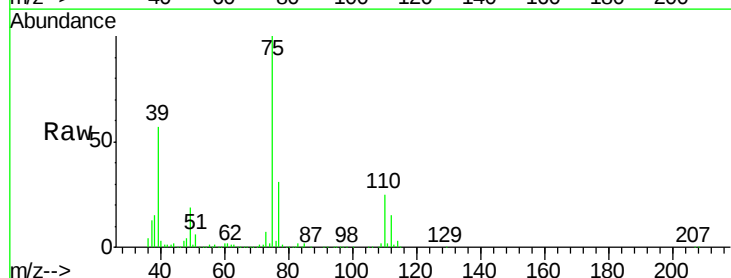
Manual Integrations
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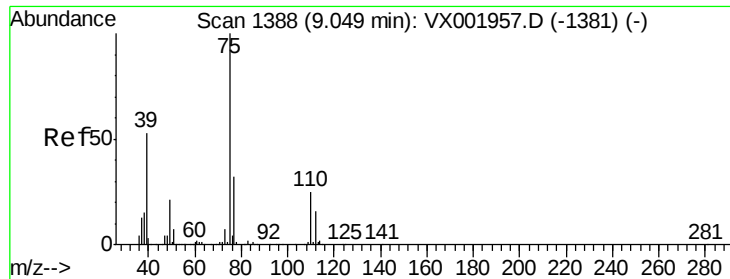
MMDadoda
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#48
t-1,3-Dichloropropene
Concen: 20.163 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VX001964.D
Acq: 25 May 2018 02:33

Tgt Ion: 75 Resp: 129250
Ion Ratio Lower Upper
75 100
77 31.2 25.6 38.4





#49

cis-1,3-Dichloropropene

Concen: 20.132 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Instrument :

MSVOA_X

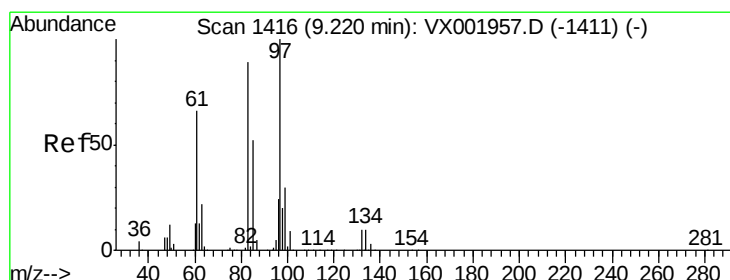
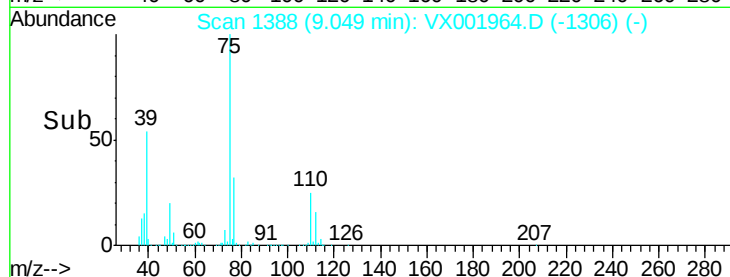
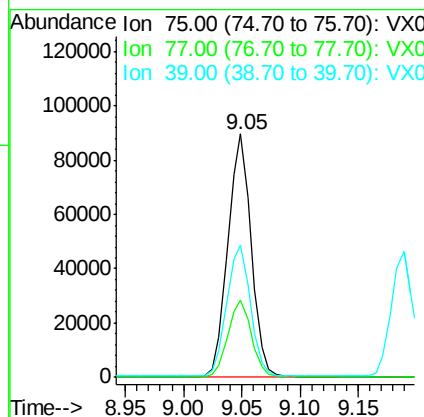
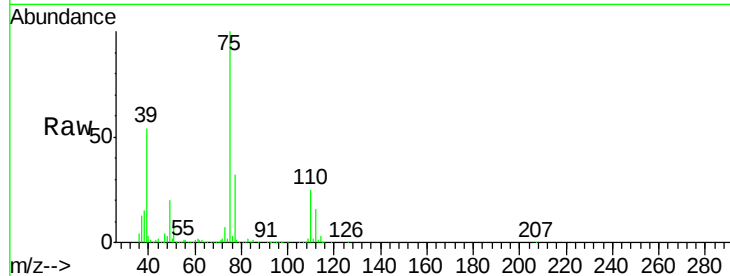
ClientSampleId :

VX0525WBSD01

Tot Ion:	75	Resp:	124927
Ion Ratio		Lower	Upper
75	100		
77	31.4	25.4	38.2
39	53.7	42.3	63.5

Manual Integrations
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#50

1,1,2-Trichloroethane

Concen: 21.497 ug/l

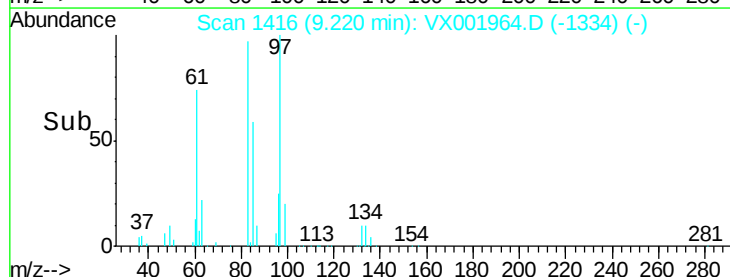
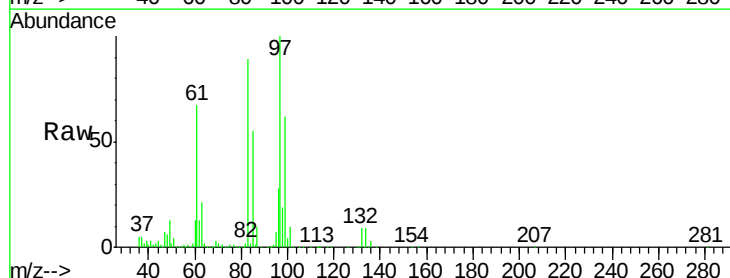
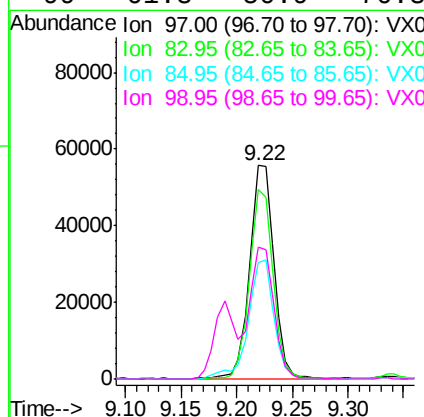
RT: 9.22 min Scan# 1416

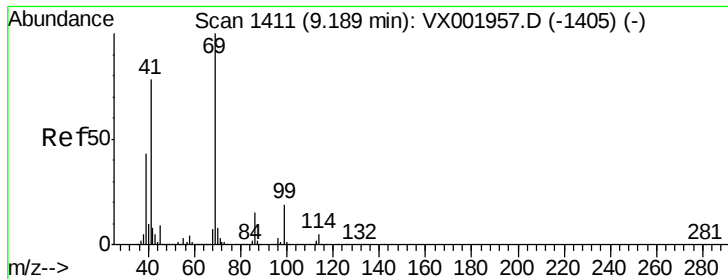
Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Tgt Ion:	97	Resp:	84857
Ion Ratio		Lower	Upper
97	100		
83	88.4	70.8	106.2
85	54.5	43.5	65.3
99	61.8	50.9	76.3





#51

Ethyl methacrylate

Concen: 21.179 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Instrument :

MSVOA_X

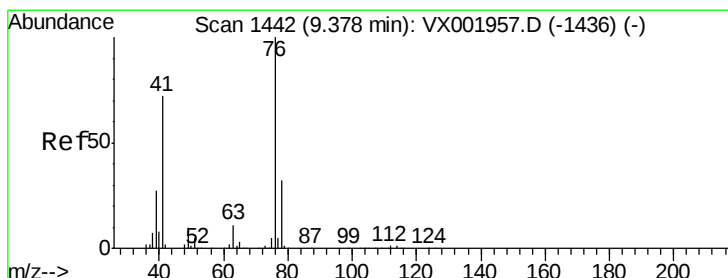
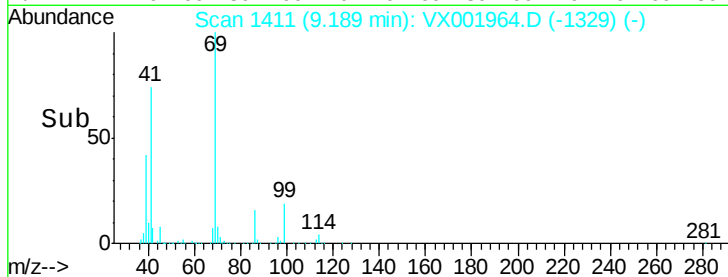
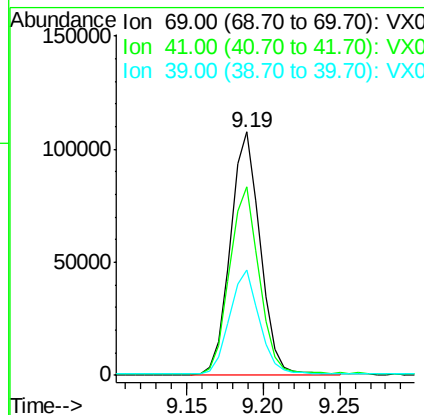
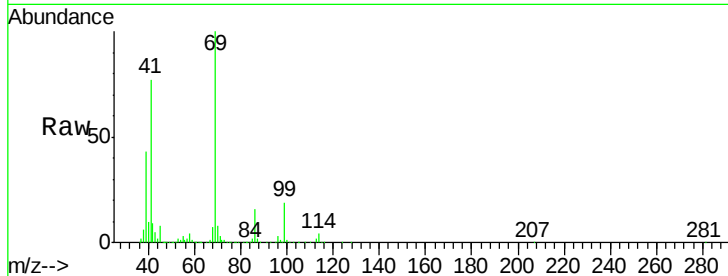
ClientSampleId :

VX0525WBSD01

Tot Ion:	69	Resp:	144821
Ion	Ratio	Lower	Upper
69	100		
41	76.8	39.1	117.3
39	42.7	21.7	65.1

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#52

1,3-Dichloropropane

Concen: 21.293 ug/l

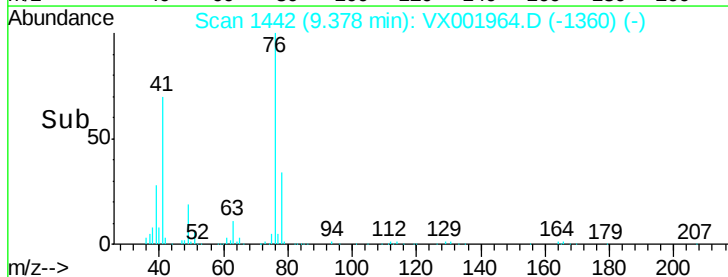
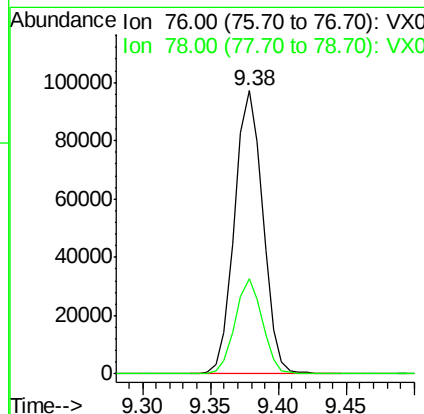
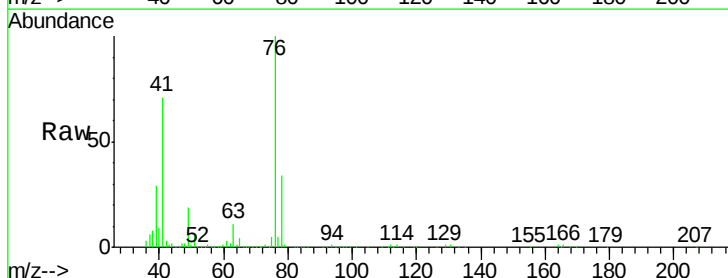
RT: 9.38 min Scan# 1442

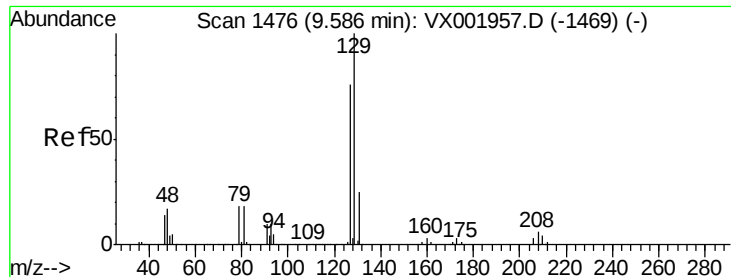
Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Tgt Ion:	76	Resp:	141784
Ion	Ratio	Lower	Upper
76	100		
78	32.4	0.0	63.4





#53

Dibromochloromethane

Concen: 20.698 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. 0.01 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBSD01

Tot Ion:129 Resp: 99812

Ion Ratio Lower Upper

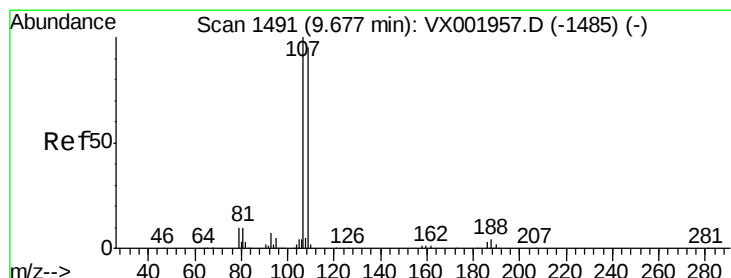
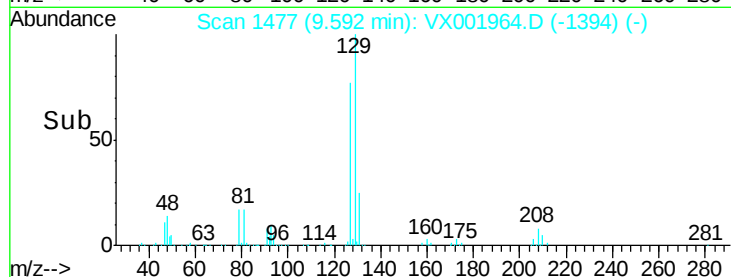
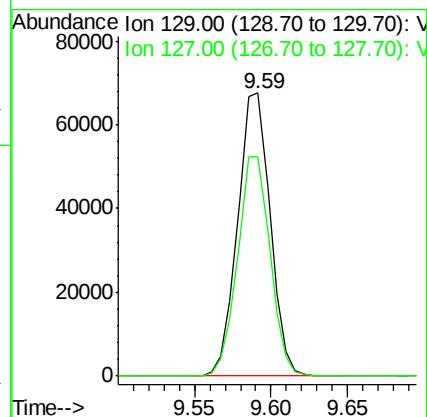
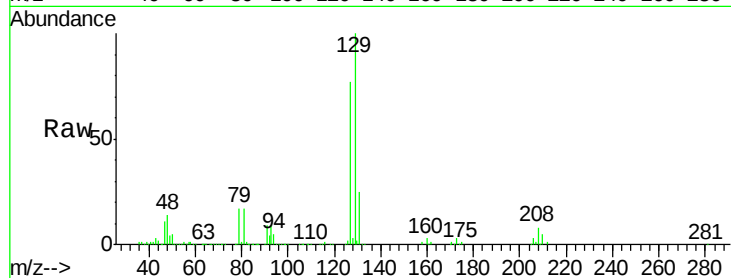
129 100

127 77.5 38.5 115.3

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#54

1,2-Dibromoethane

Concen: 21.011 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001964.D

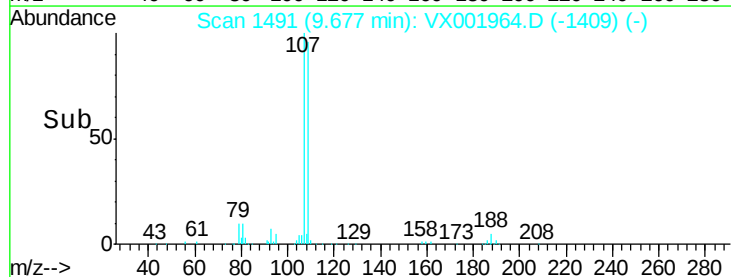
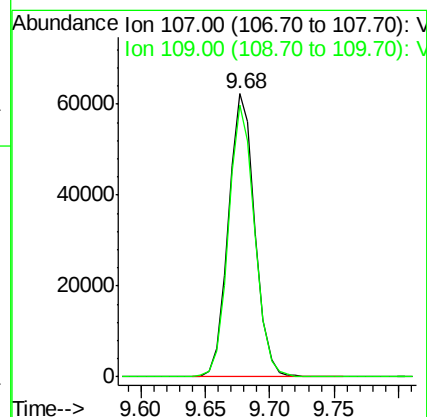
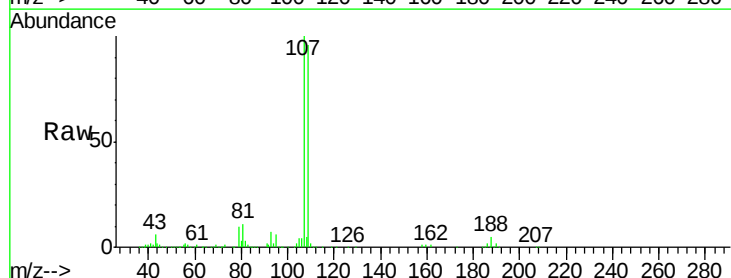
Acq: 25 May 2018 02:33

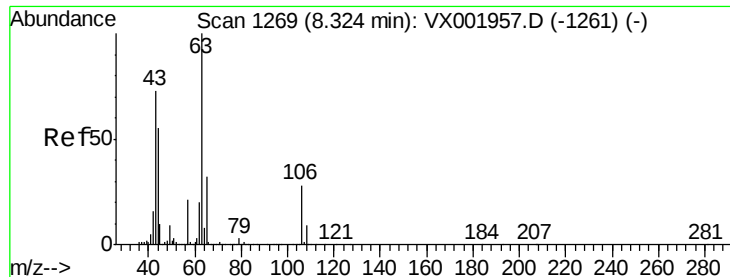
Tgt Ion:107 Resp: 89794

Ion Ratio Lower Upper

107 100

109 95.1 75.5 113.3





#55

2-Chloroethyl vinyl ether

Concen: 102.782 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBSD01

Tot Ion: 63 Resp: 329883

Ion Ratio Lower Upper

63 100

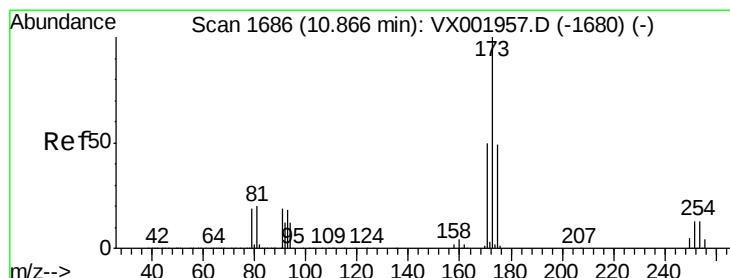
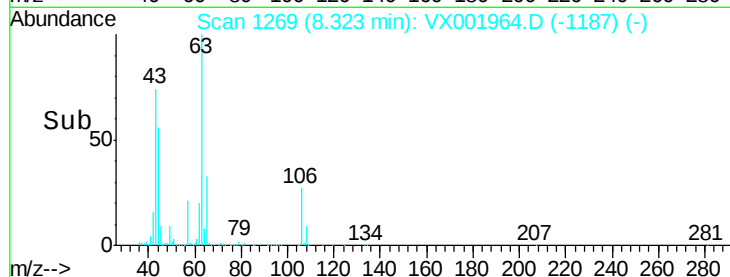
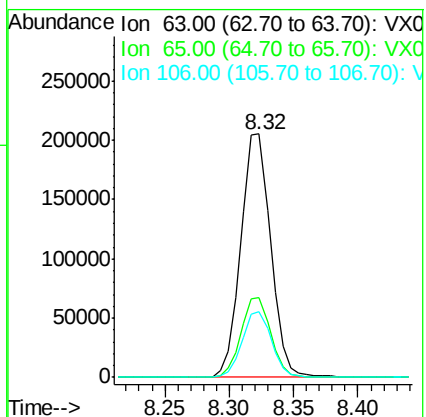
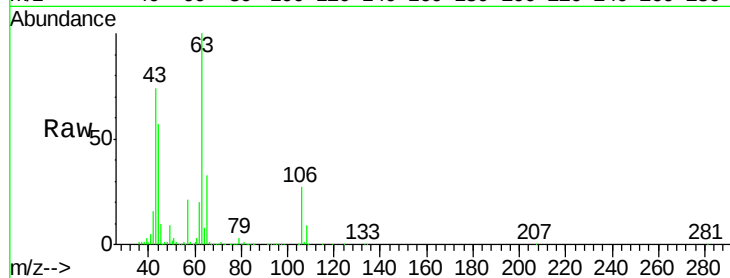
65 32.3 25.6 38.4

106 26.7 21.6 32.4

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#56

Bromoform

Concen: 20.054 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

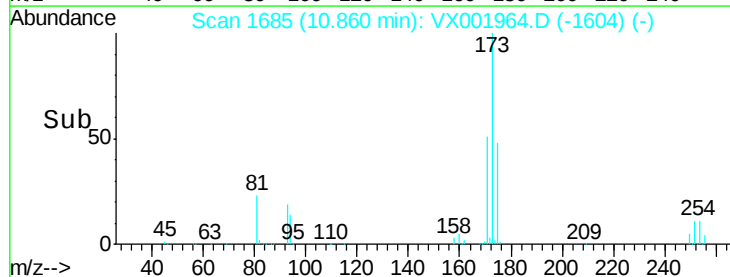
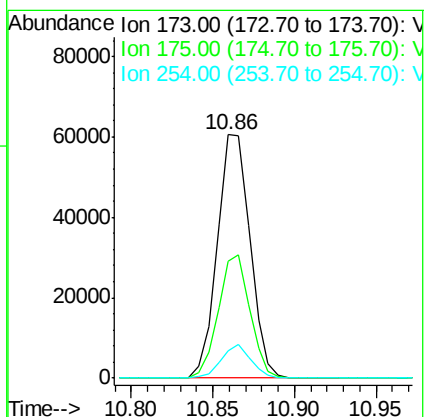
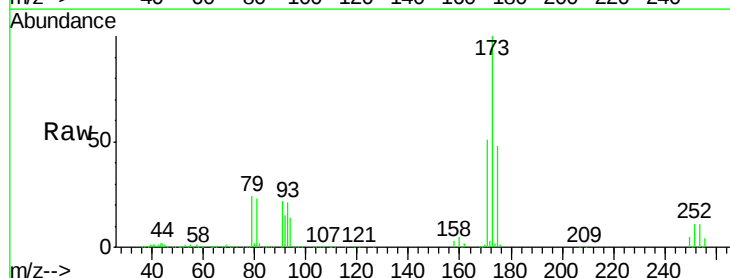
Tgt Ion: 173 Resp: 85039

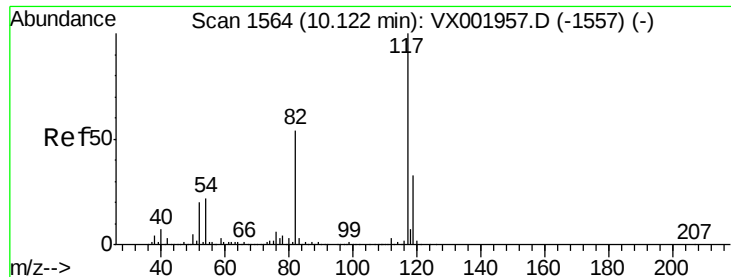
Ion Ratio Lower Upper

173 100

175 48.9 39.0 58.4

254 12.5 9.6 14.4





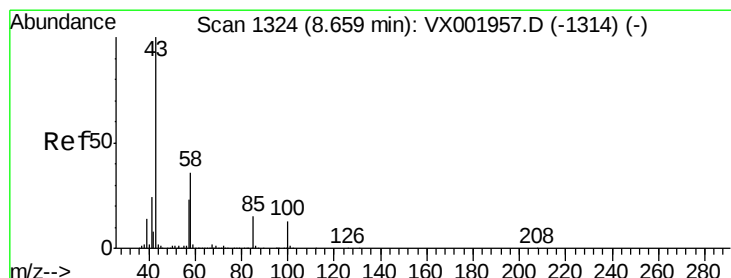
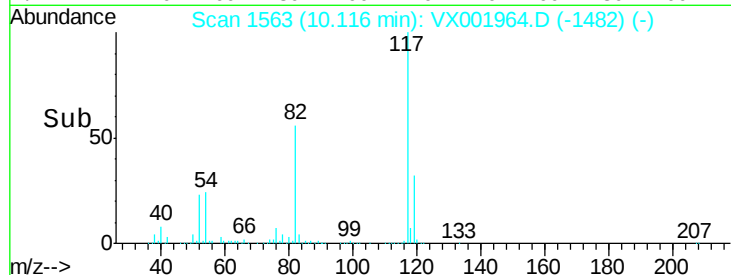
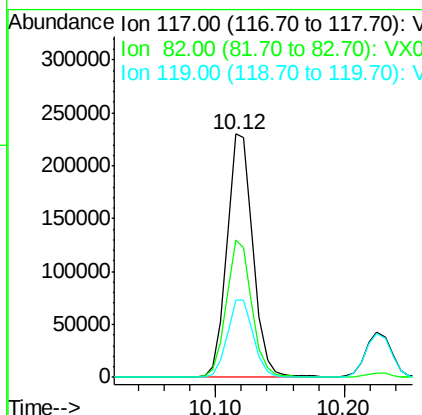
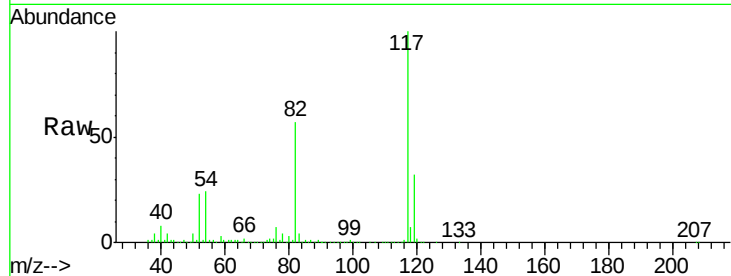
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001964.D
Acq: 25 May 2018 02:33

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	326883		
82	55.0		44.3	66.5
119	32.2		25.7	38.5

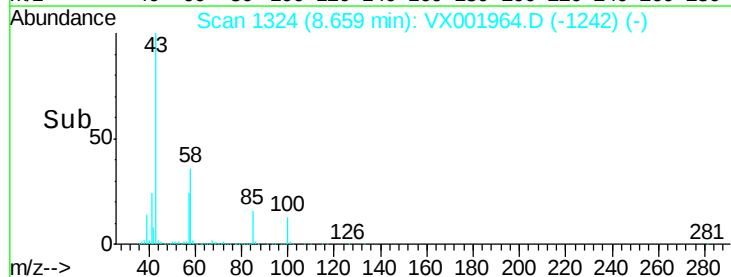
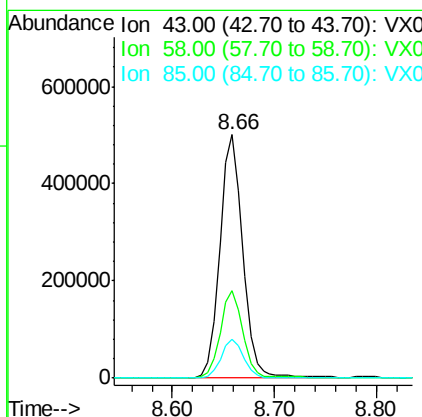
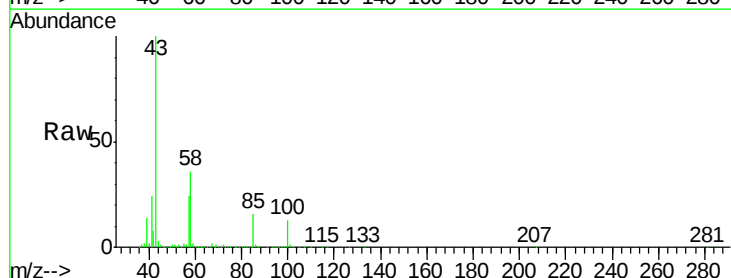
Manual Integrations
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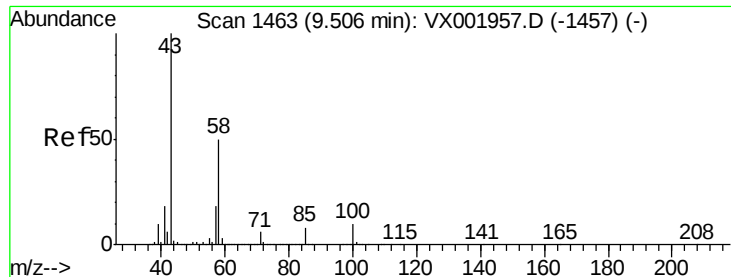
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#58
4-Methyl-2-Pentanone
Concen: 109.886 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX001964.D
Acq: 25 May 2018 02:33

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	781681		
58	35.2		28.2	42.4
85	15.7		12.4	18.6





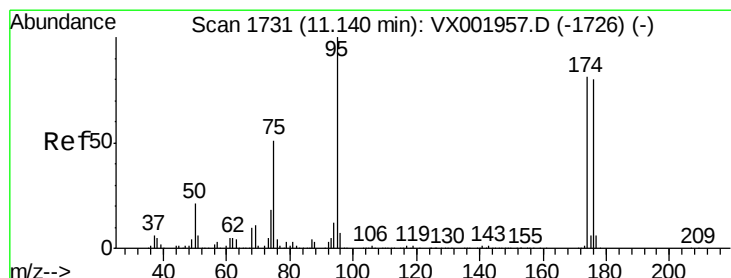
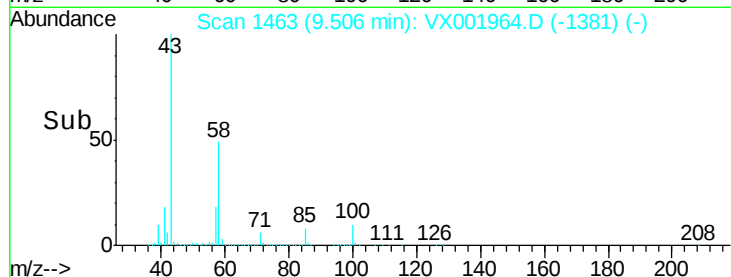
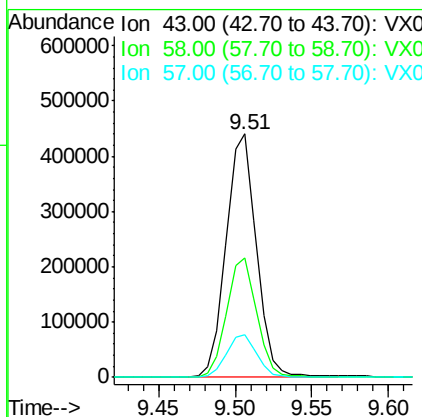
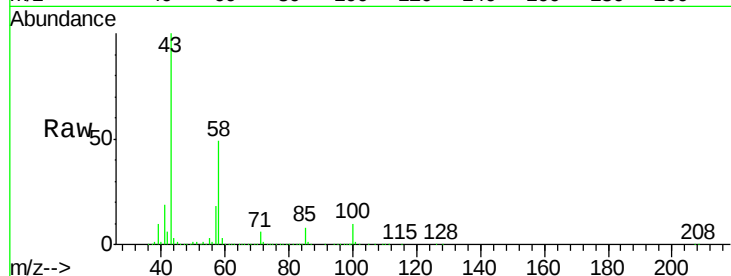
#59
2-Hexanone
Concen: 109.078 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX001964.D
Acq: 25 May 2018 02:33

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	49.0	39.6	59.4
57	17.7	14.1	21.1

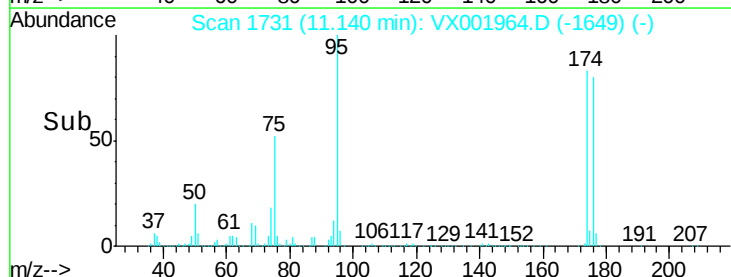
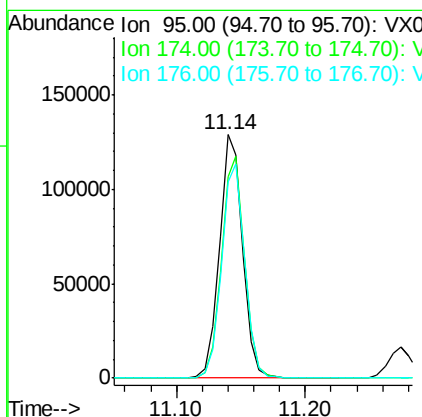
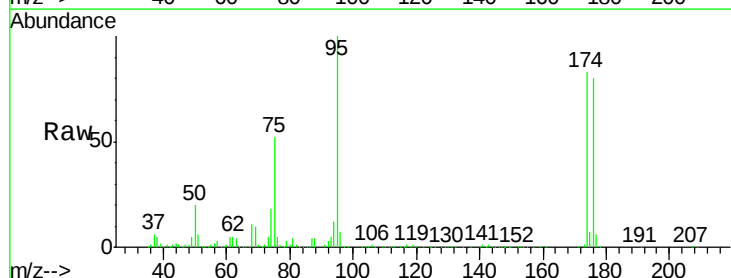
Manual Integrations
APPROVED

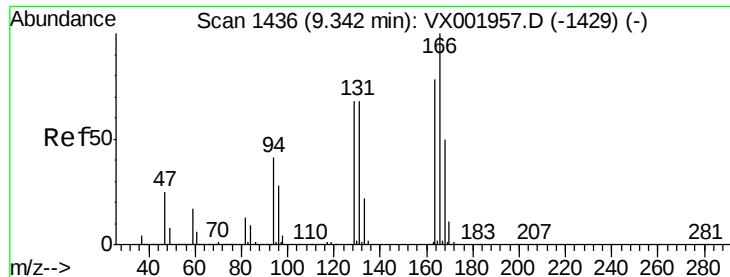
MMDadoda
5/29/2018 4:39:19 PM



#60
4-Bromofluorobenzene
Concen: 29.043 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001964.D
Acq: 25 May 2018 02:33

Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.0	71.8	107.6
176	88.2	70.1	105.1





#61

Tetrachloroethene

Concen: 20.489 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBSD01

Tot Ion:164 Resp: 102155

Ion Ratio Lower Upper

164 100

166 127.6 102.4 153.6

129 90.5 70.1 105.1

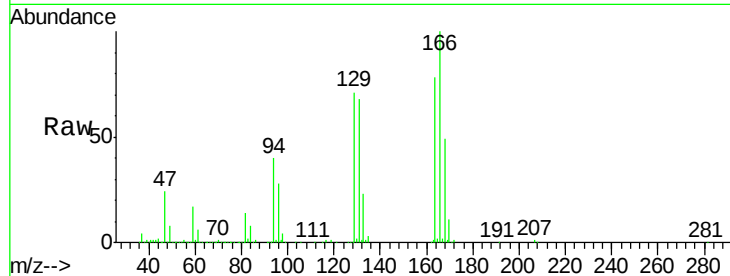
131 86.3 69.1 103.7

Manual Integrations

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MMDadoda

5/29/2018 4:39:19 PM

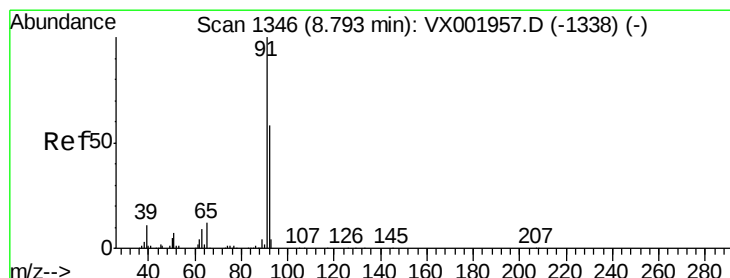
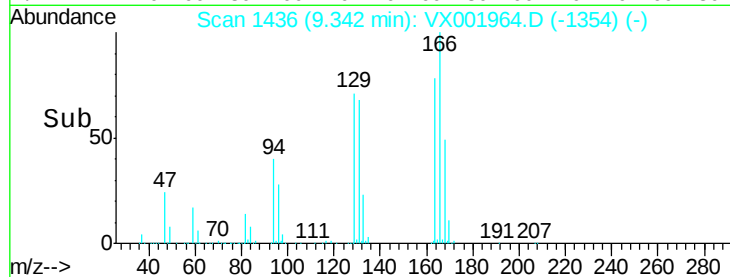
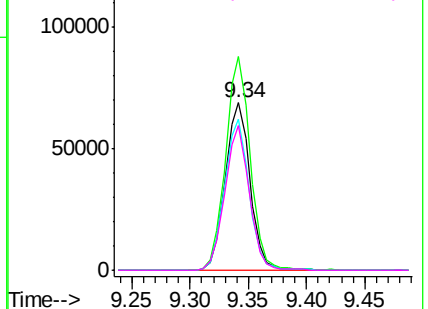


Abundance Ion 163.85 (163.55 to 164.55): V

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: 20.420 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX001964.D

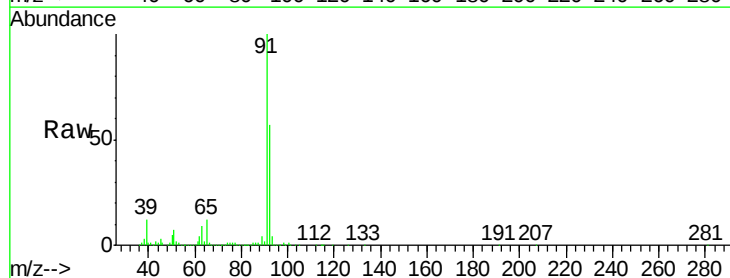
Acq: 25 May 2018 02:33

Tgt Ion: 91 Resp: 340885

Ion Ratio Lower Upper

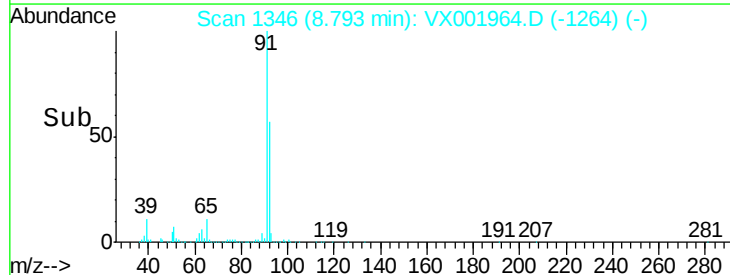
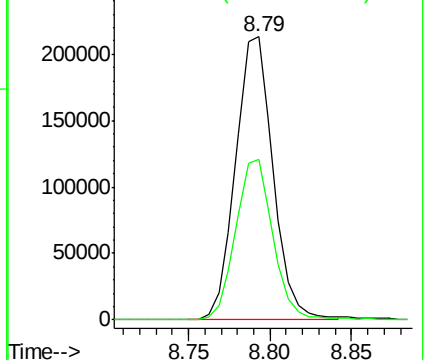
91 100

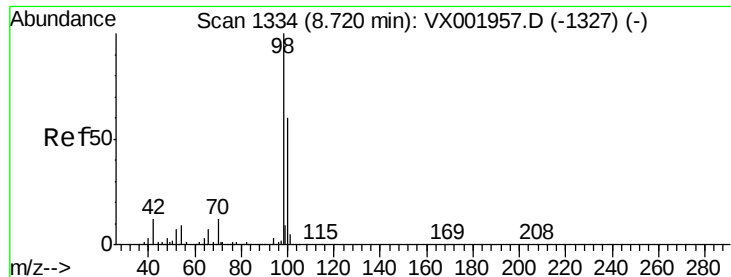
92 56.6 46.5 69.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





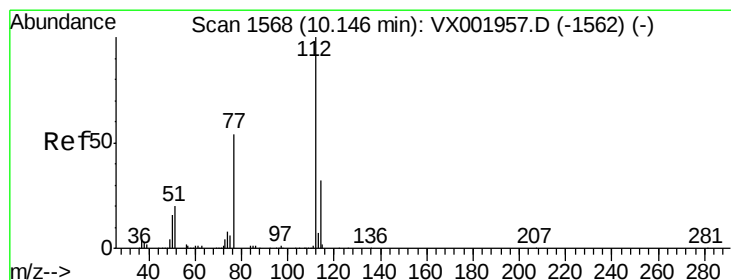
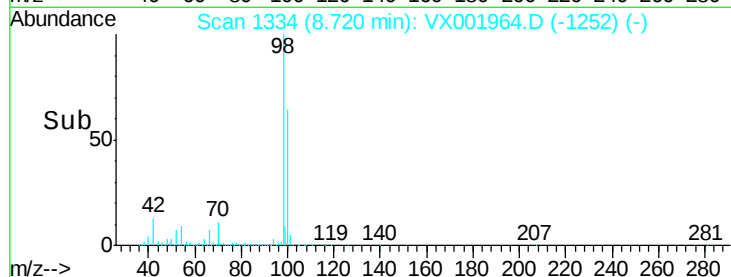
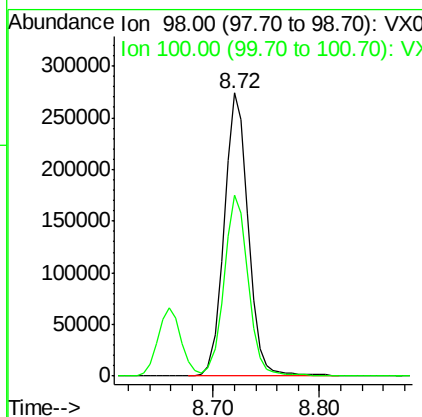
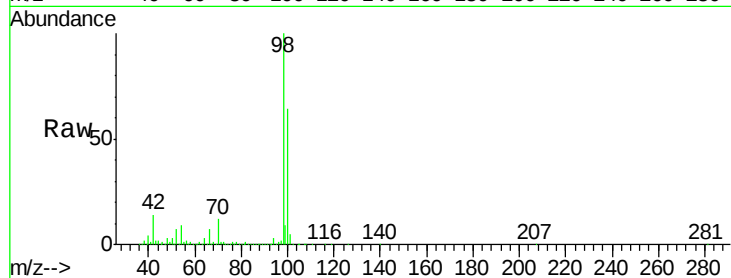
#63
Toluene-d8
Concen: 29.727 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001964.D
Acq: 25 May 2018 02:33

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD01

Tot Ion: 98 Resp: 433096
Ion Ratio Lower Upper
98 100
100 63.7 50.8 76.2

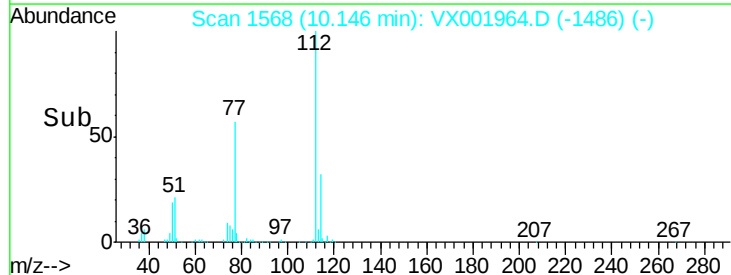
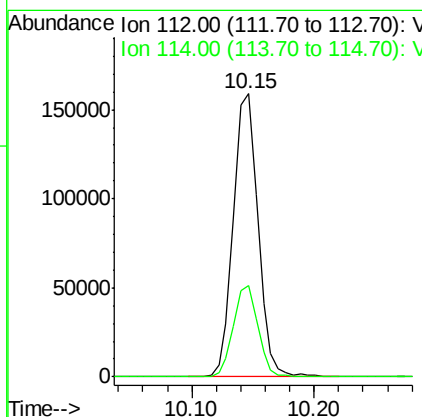
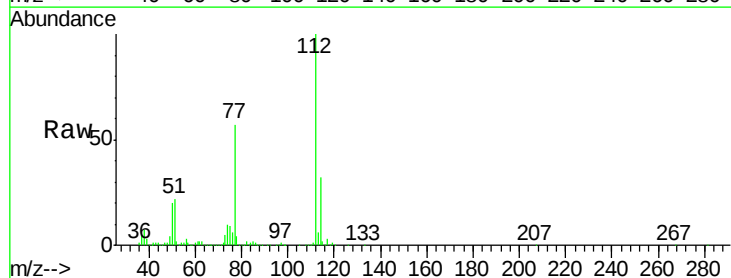
Manual Integrations
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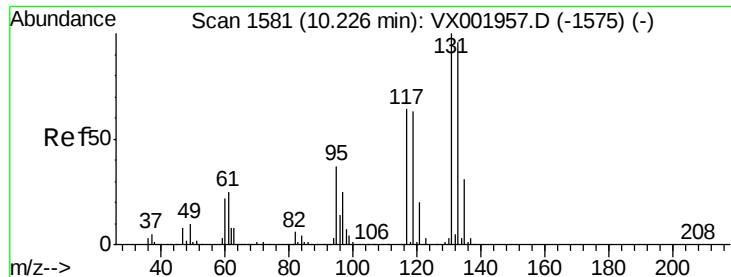
MMDadoda
5/29/2018 4:39:19 PM



#64
Chlorobenzene
Concen: 20.531 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001964.D
Acq: 25 May 2018 02:33

Tgt Ion: 112 Resp: 221829
Ion Ratio Lower Upper
112 100
114 32.4 25.6 38.4





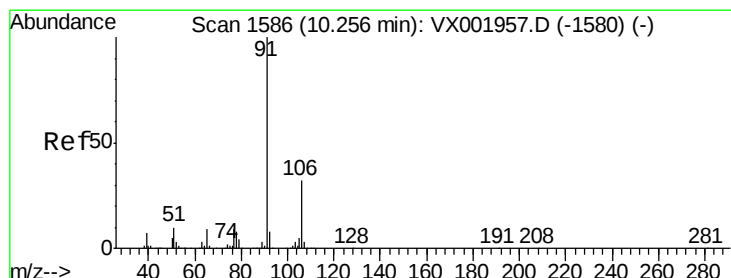
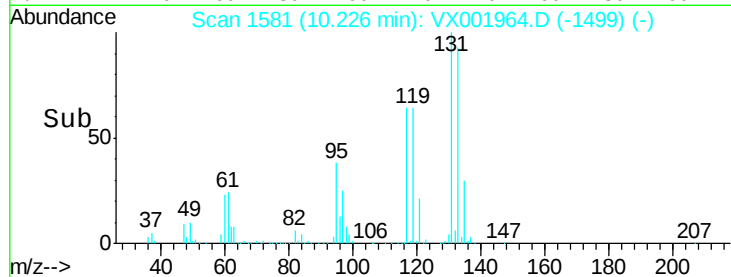
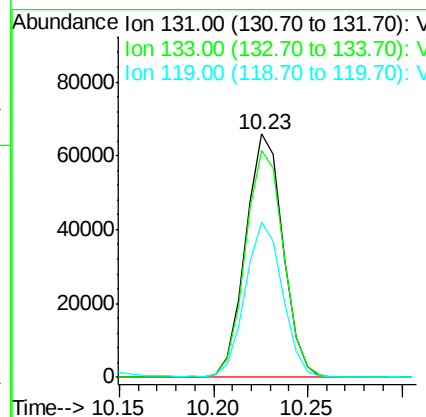
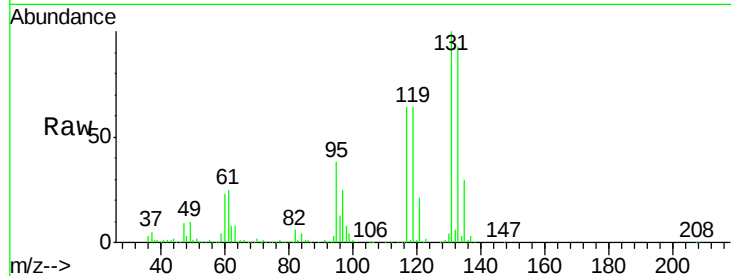
#65
 1,1,1,2-Tetrachloroethane
 Concen: 20.596 ug/l
 RT: 10.23 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: VX001964.D
 Acq: 25 May 2018 02:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
131	100			
133	95.4	0.0	191.2	
119	63.8	0.0	125.4	

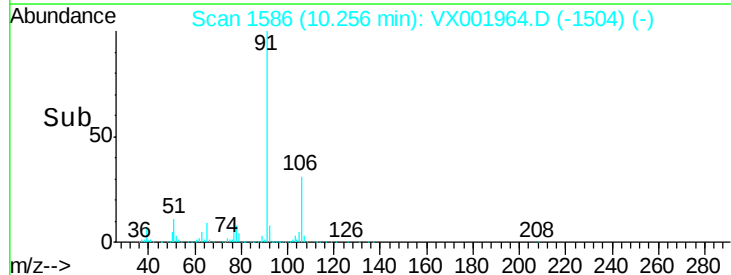
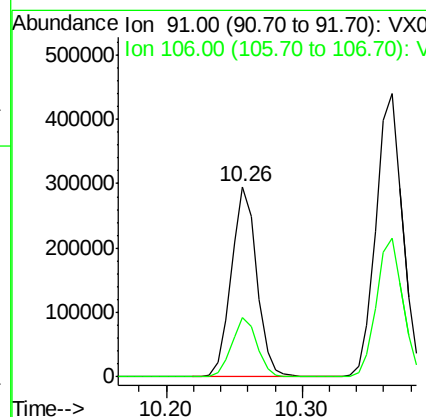
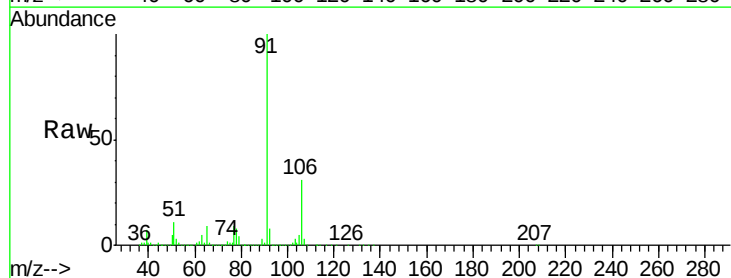
Manual Integrations
 APPROVED

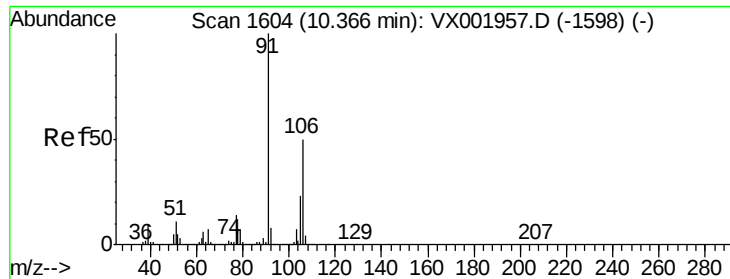
MMDadoda
 5/29/2018 4:39:19 PM



#66
 Ethyl Benzene
 Concen: 20.419 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VX001964.D
 Acq: 25 May 2018 02:33

Tgt Ion	Ratio	Resp	Lower	Upper
91	100			
106	31.2	25.2	37.8	





#67

m/p-Xylenes

Concen: 40.744 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBSD01

Tot Ion:106 Resp: 290203

Ion Ratio Lower Upper

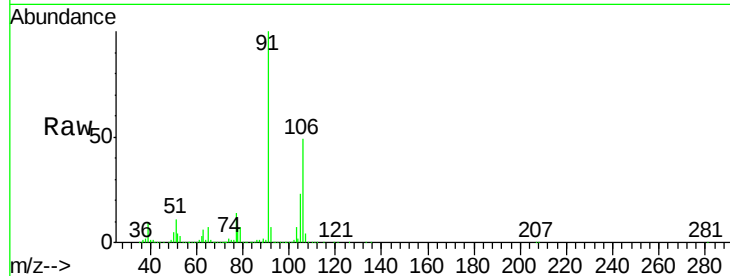
106 100

91 205.9 164.1 246.1

Manual Integrations
APPROVED

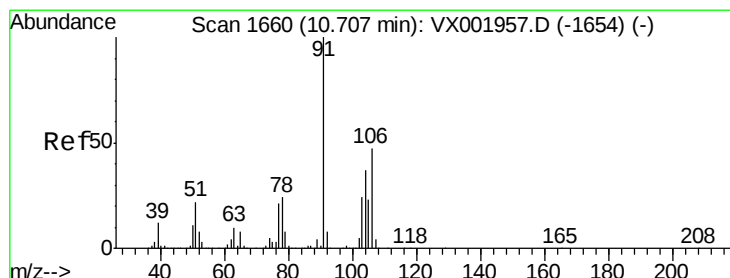
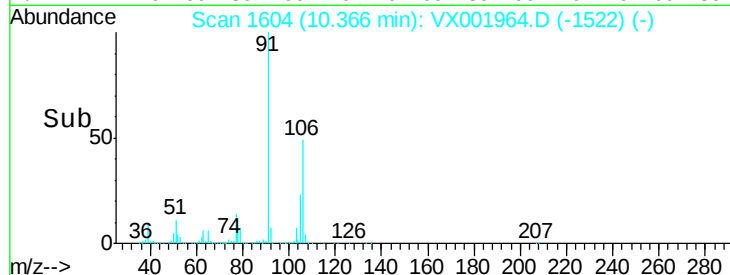
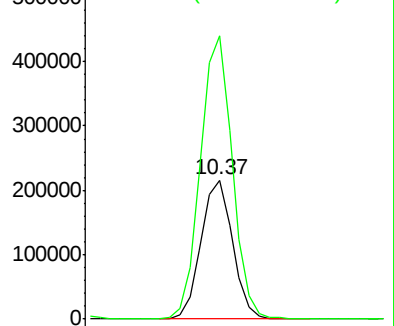
MMDadoda

5/29/2018 4:39:19 PM



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 20.656 ug/l

RT: 10.70 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX001964.D

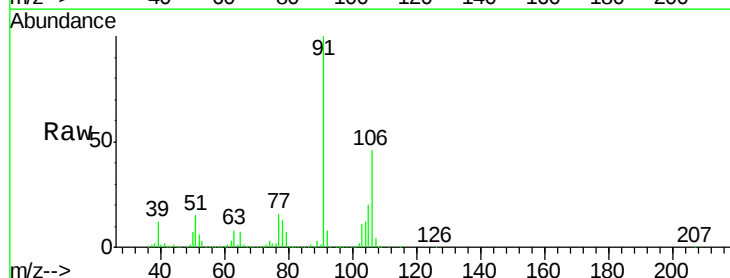
Acq: 25 May 2018 02:33

Tgt Ion:106 Resp: 147356

Ion Ratio Lower Upper

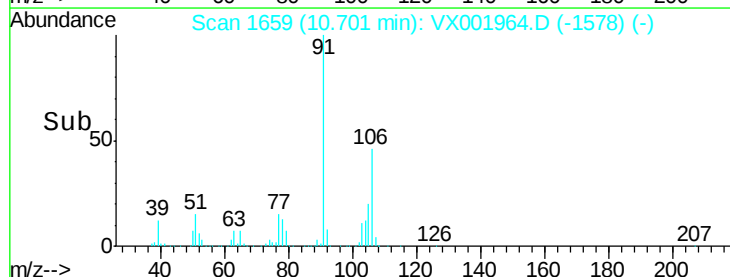
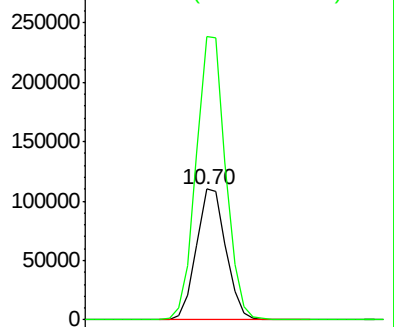
106 100

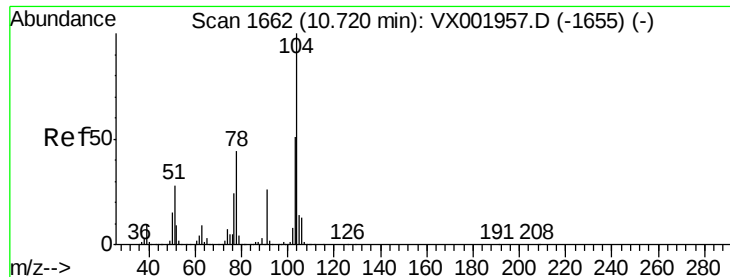
91 215.8 109.1 327.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





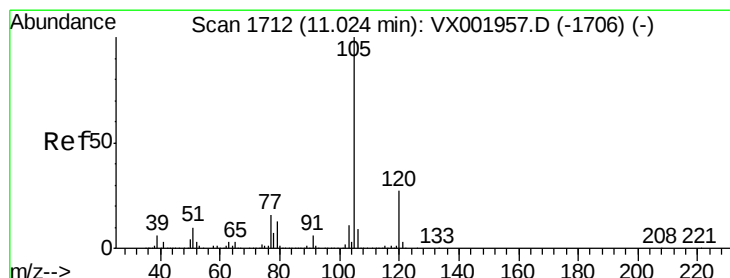
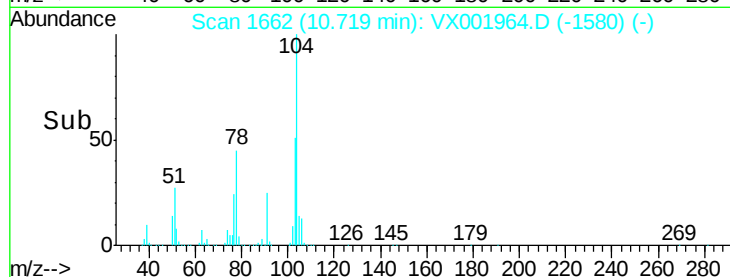
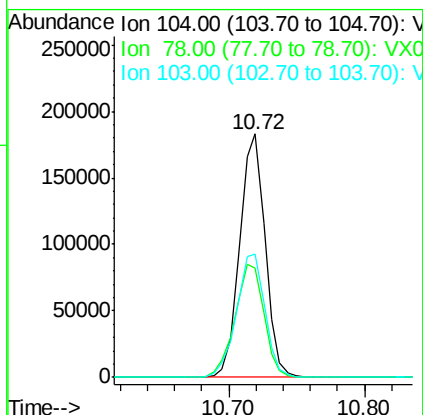
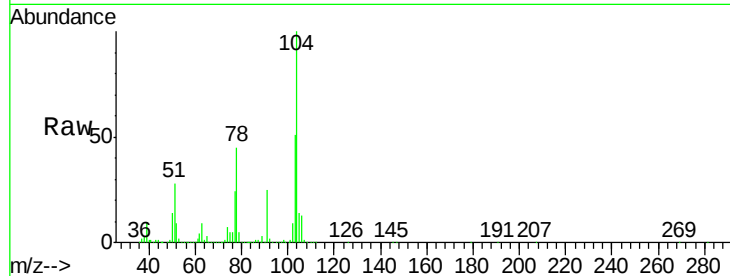
#69
Stvrene
Concen: 20.005 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001964.D
Acq: 25 May 2018 02:33

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
104	100	239570		
78	52.8		41.8	62.8
103	56.5		44.9	67.3

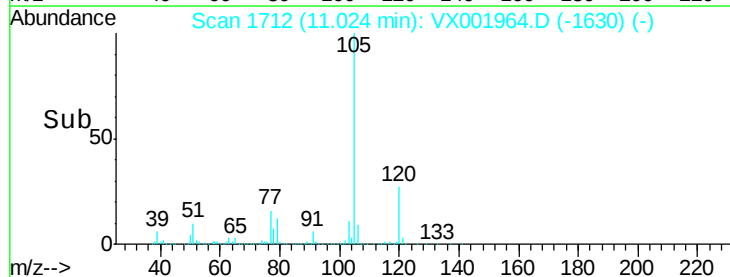
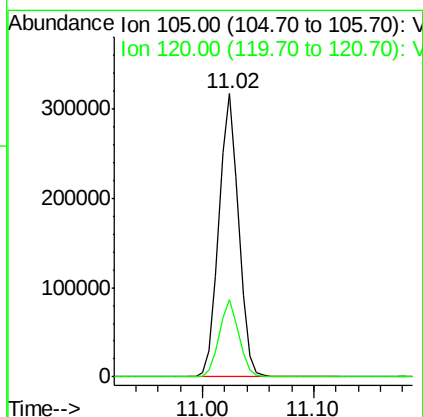
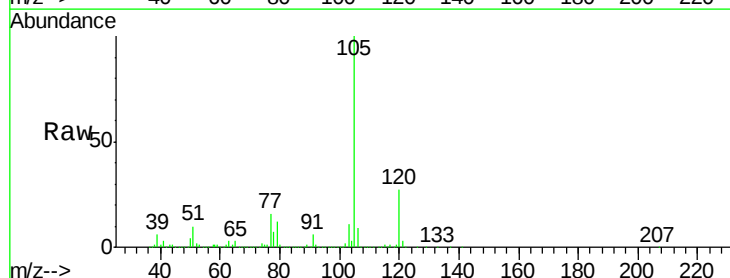
Manual Integrations
APPROVED

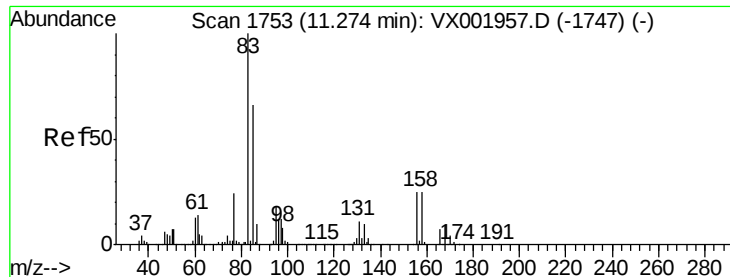
MMDadoda
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#70
Isopropylbenzene
Concen: 20.353 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX001964.D
Acq: 25 May 2018 02:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	388667		
120	27.0		19.0	35.2





#71

1,1,2,2-Tetrachloroethane

Concen: 20.798 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBSD01

Tot Ion: 83 Resp: 124488

Ion Ratio Lower Upper

83 100

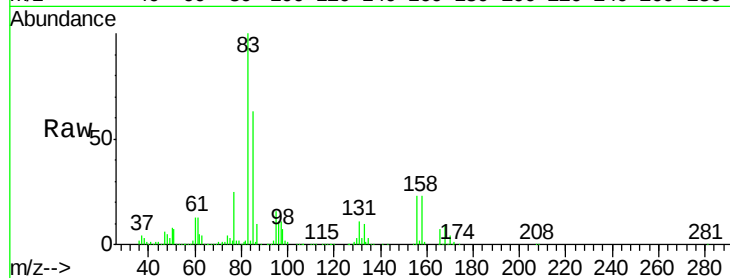
131 11.0 5.4 16.2

85 64.4 32.4 97.2

Manual Integrations
APPROVED

MMDadoda

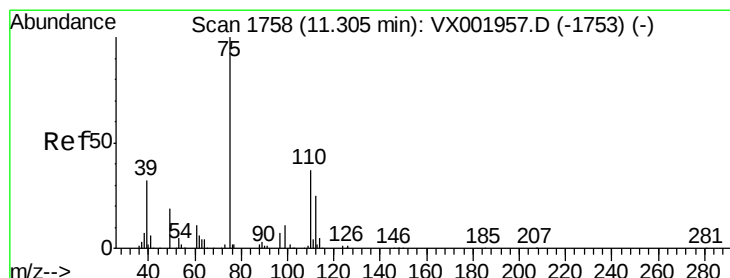
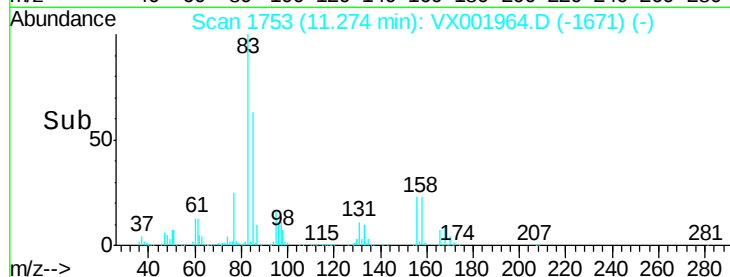
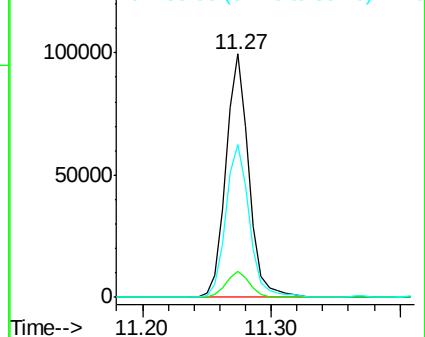
5/29/2018 4:39:19 PM



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 23.293 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001964.D

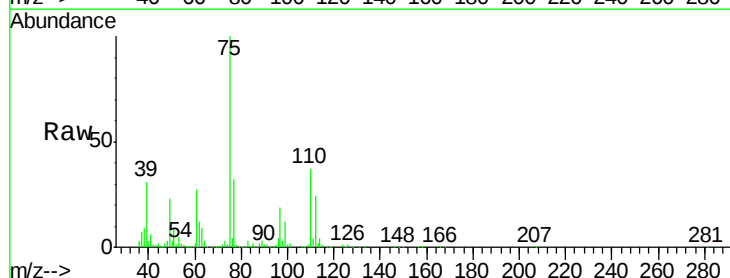
Acq: 25 May 2018 02:33

Tgt Ion: 75 Resp: 131320

Ion Ratio Lower Upper

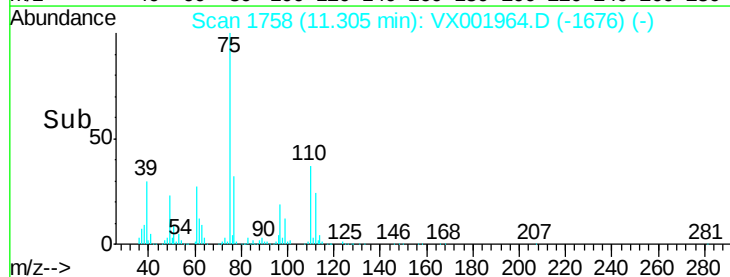
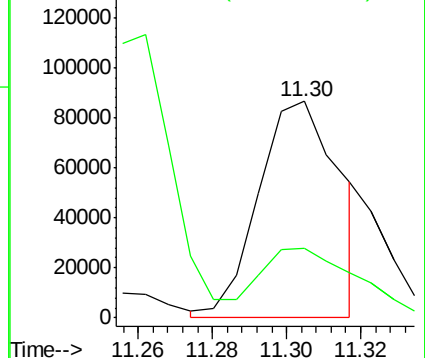
75 100

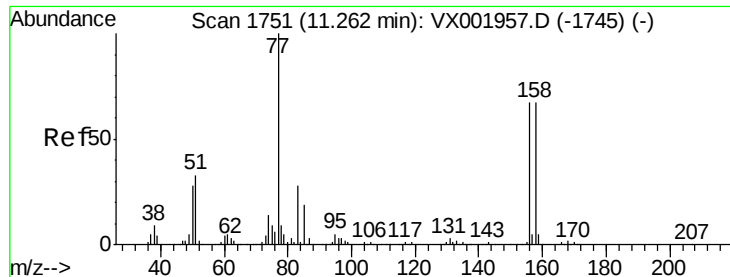
77 37.5 0.0 71.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 20.311 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Instrument :

MSVOA_X

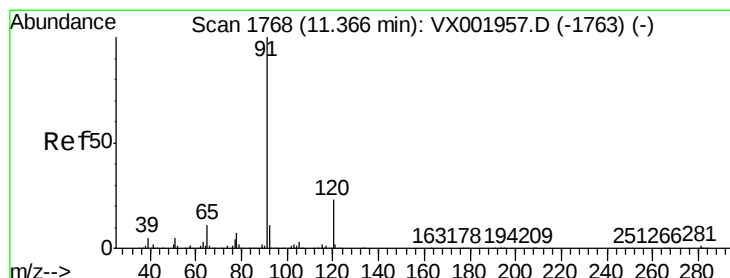
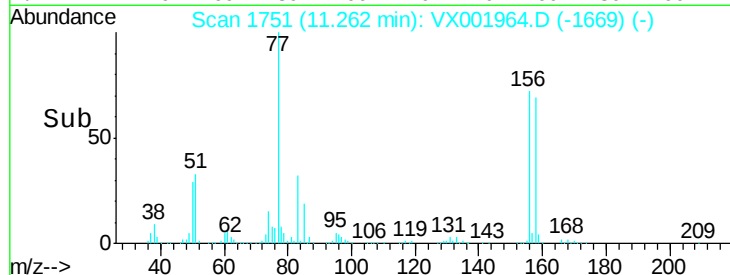
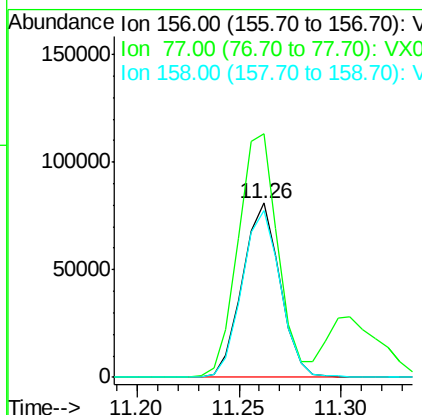
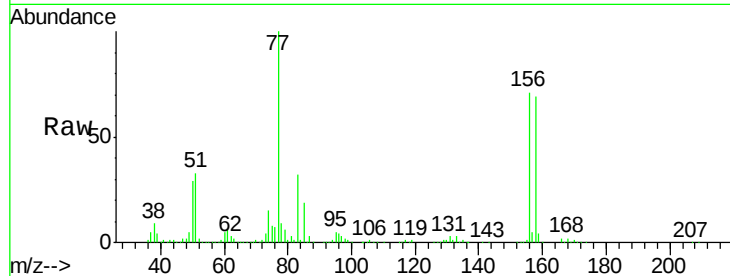
ClientSampleId :

VX0525WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
156	100	104184		
77	145.5	0.0	301.0	
158	97.9	0.0	196.2	

Manual Integrations
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#74

n-propylbenzene

Concen: 20.122 ug/l

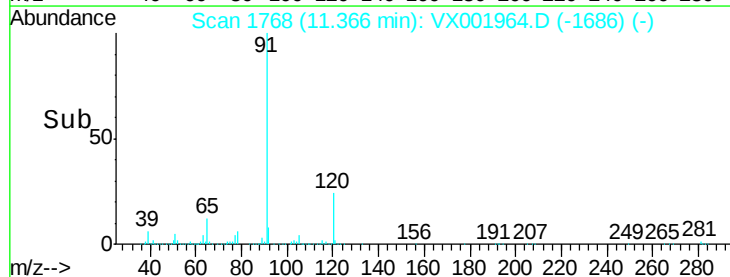
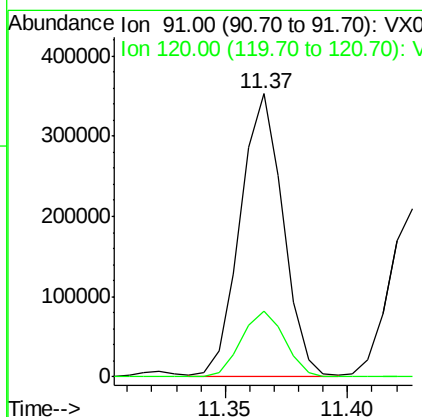
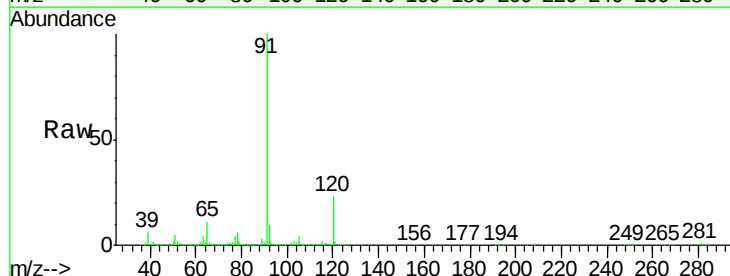
RT: 11.37 min Scan# 1768

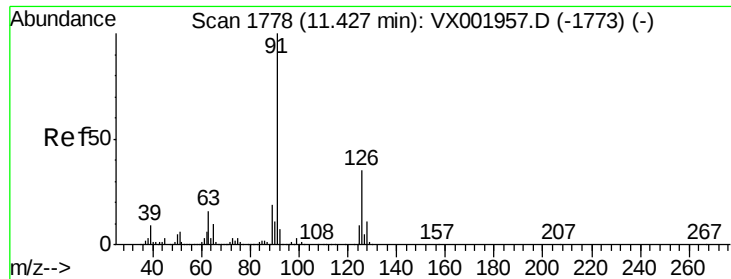
Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	428951		
120	23.6	0.0	46.2	





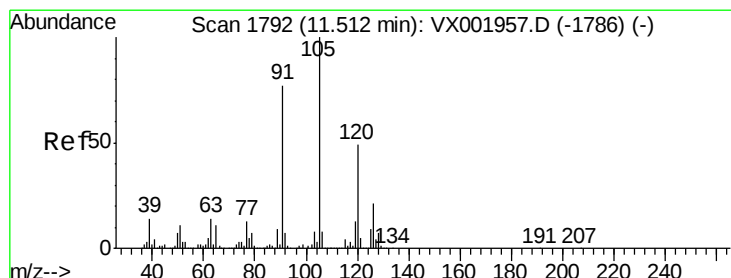
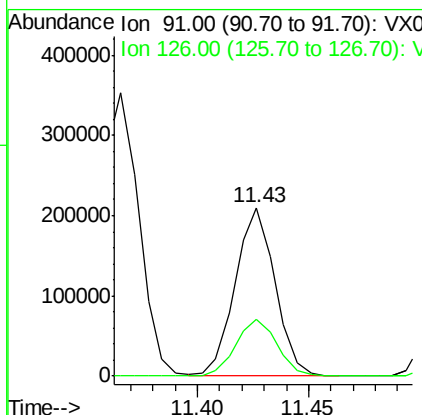
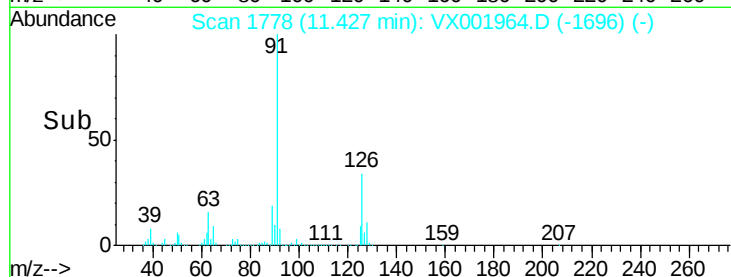
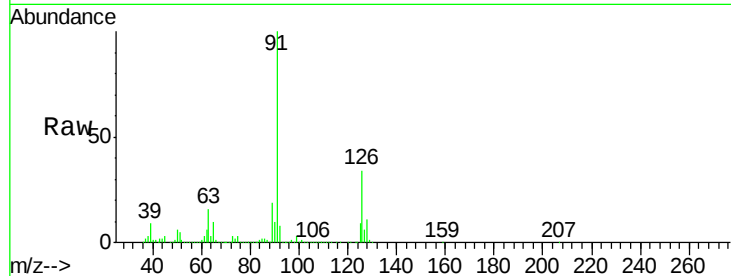
#75
 2-Chlorotoluene
 Concen: 20.026 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX001964.D
 Acq: 25 May 2018 02:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525WBSD01

Tot Ion: 91 Resp: 263272
 Ion Ratio Lower Upper
 91 100
 126 34.9 0.0 69.4

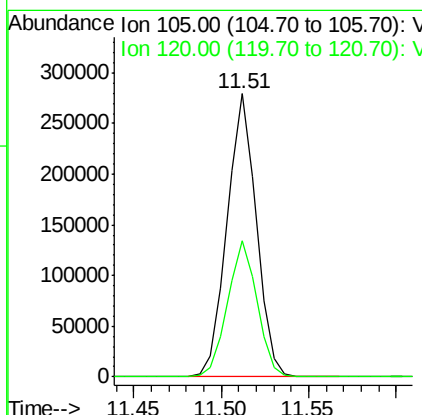
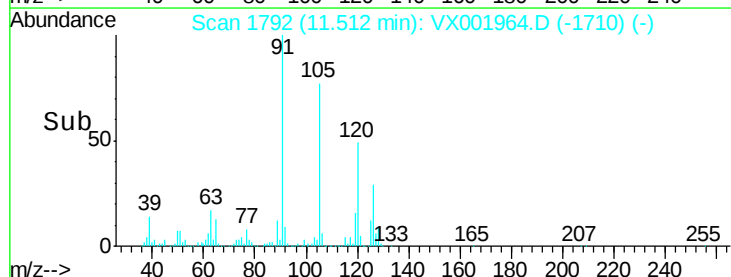
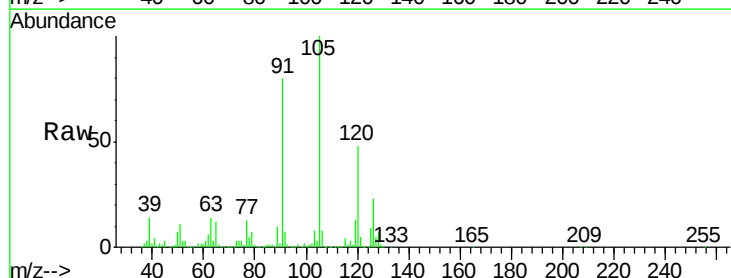
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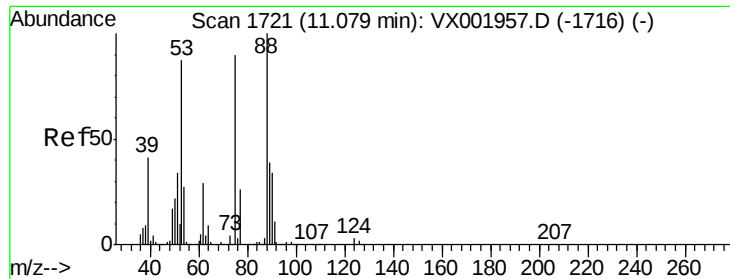
MMDadoda
 5/29/2018 4:39:19 PM



#76
 1,3,5-Trimethylbenzene
 Concen: 20.023 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX001964.D
 Acq: 25 May 2018 02:33

Tgt Ion: 105 Resp: 325108
 Ion Ratio Lower Upper
 105 100
 120 48.5 0.0 96.8





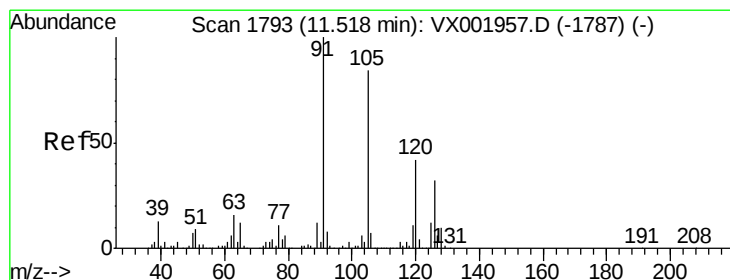
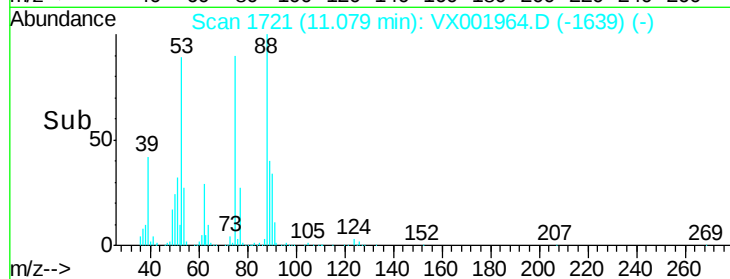
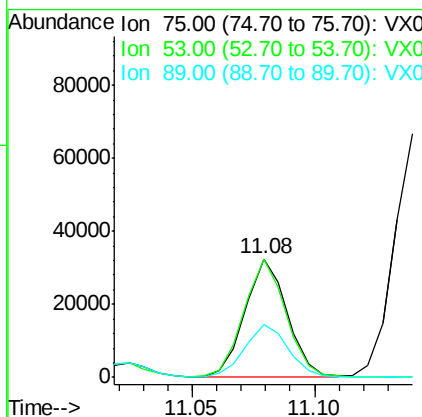
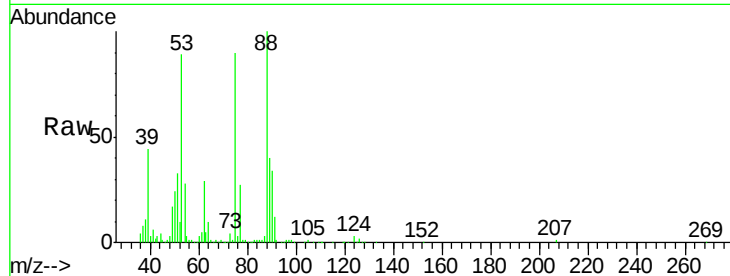
#77
t-1,4-Dichloro-2-butene
Concen: 19.010 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX001964.D
Acq: 25 May 2018 02:33

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.9	48.3	144.9
89	44.1	21.8	65.4

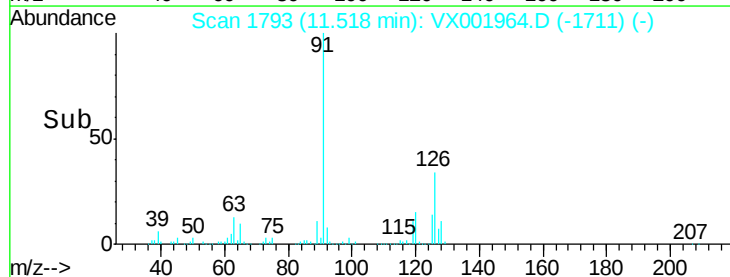
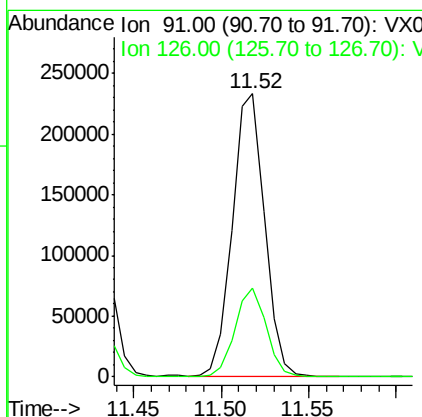
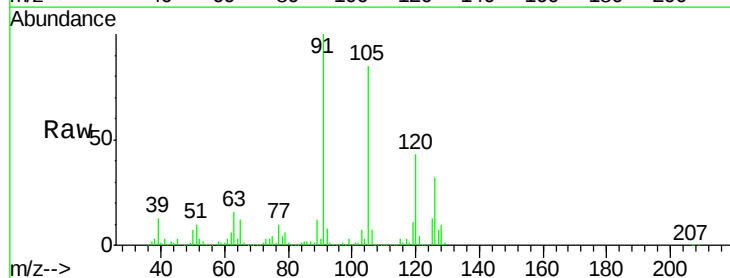
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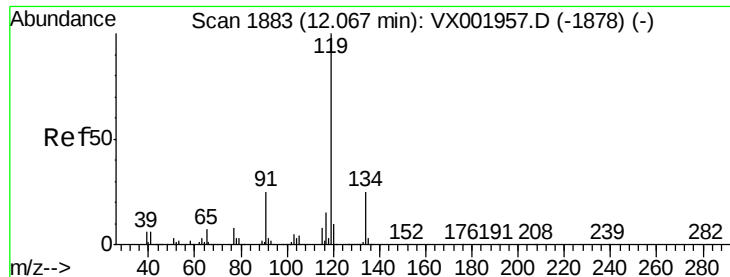
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#78
4-Chlorotoluene
Concen: 19.992 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX001964.D
Acq: 25 May 2018 02:33

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	0.0	61.0





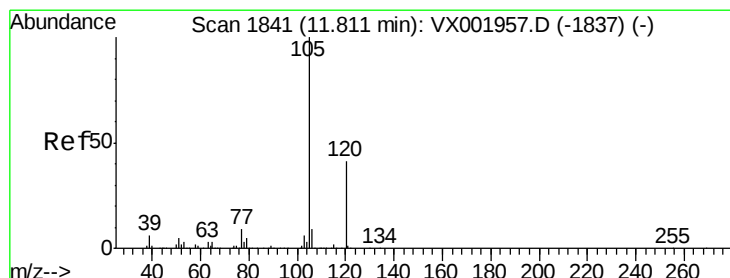
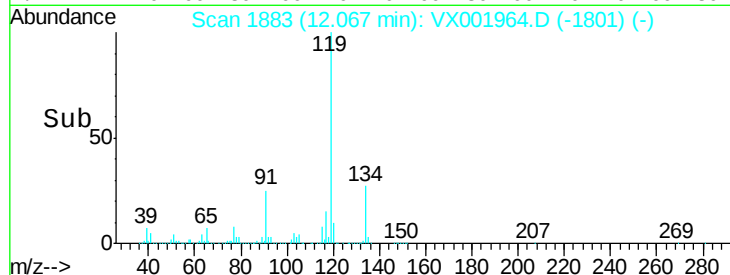
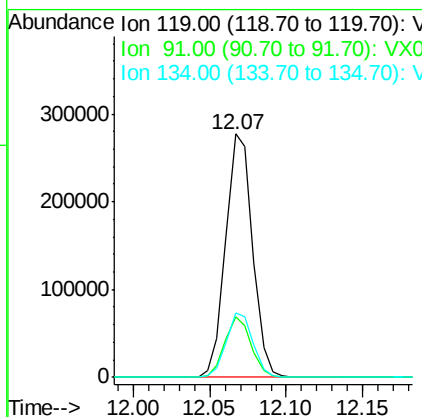
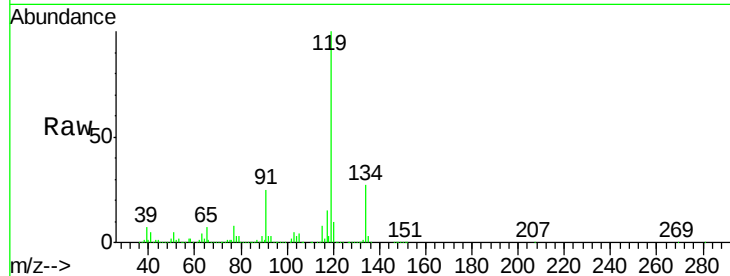
#79
tert-butylbenzene
Concen: 19.831 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX001964.D
Acq: 25 May 2018 02:33

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	337635		
91	24.2	0.0	48.0	
134	26.3	0.0	52.6	

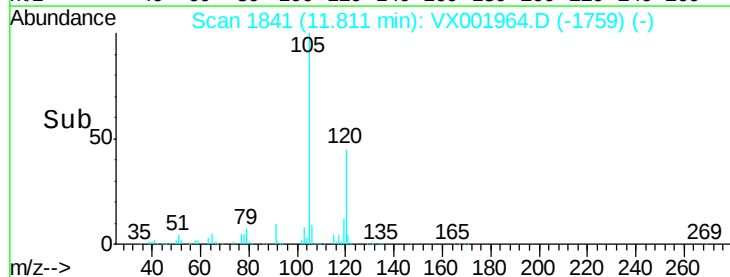
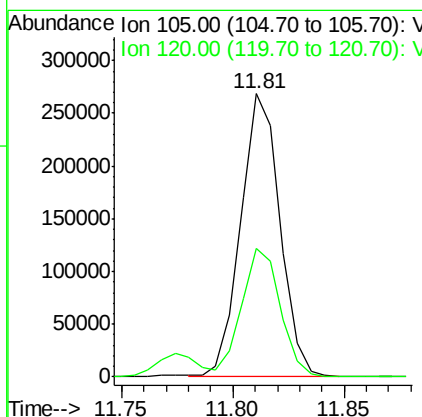
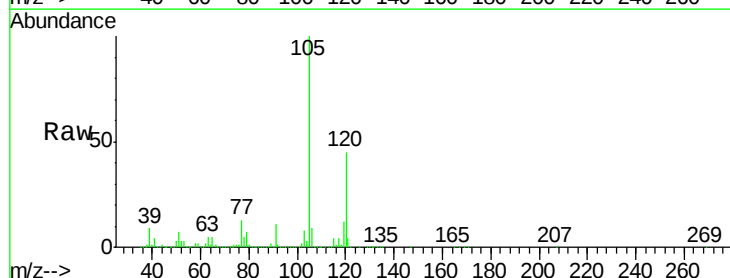
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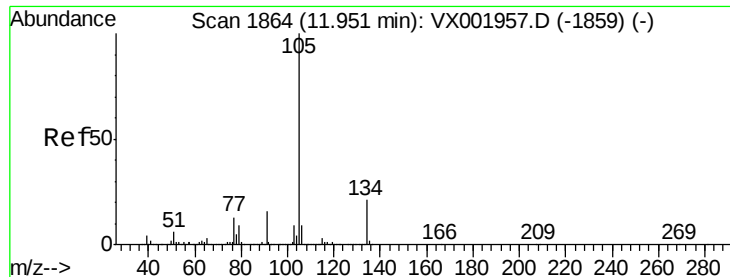
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#80
1,2,4-Trimethylbenzene
Concen: 20.026 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX001964.D
Acq: 25 May 2018 02:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	328727		
120	44.9	0.0	89.2	





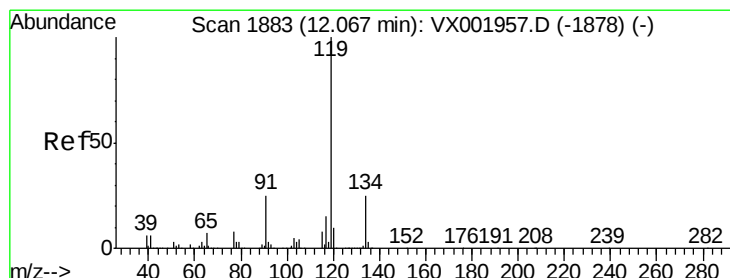
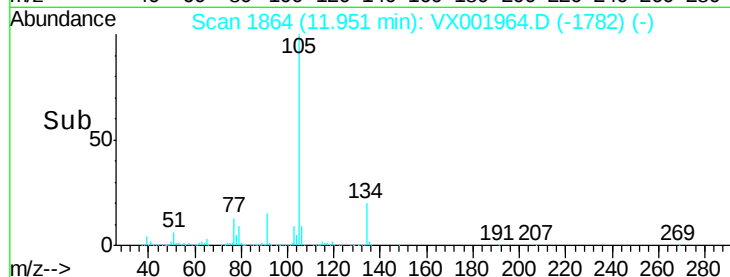
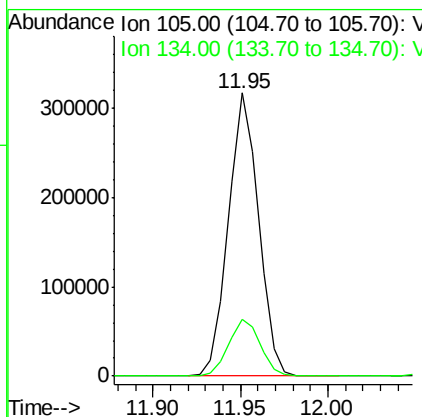
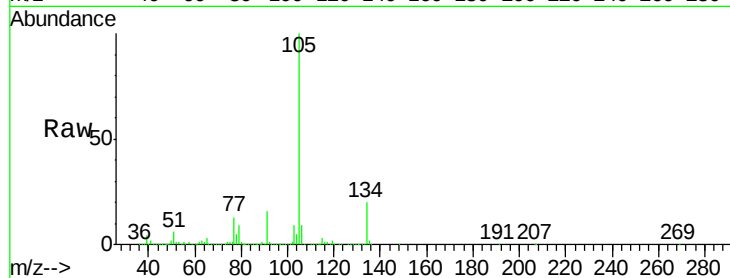
#81
 sec-Butylbenzene
 Concen: 20.058 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX001964.D
 Acq: 25 May 2018 02:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	381749		
134	20.7	0.0	41.6	

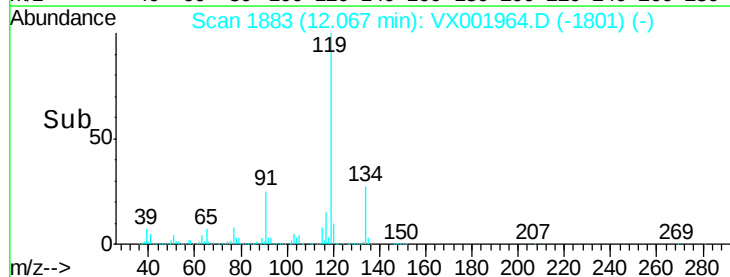
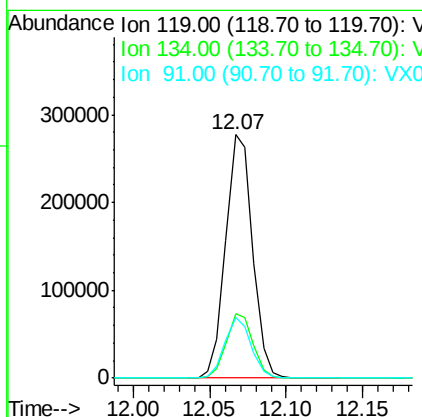
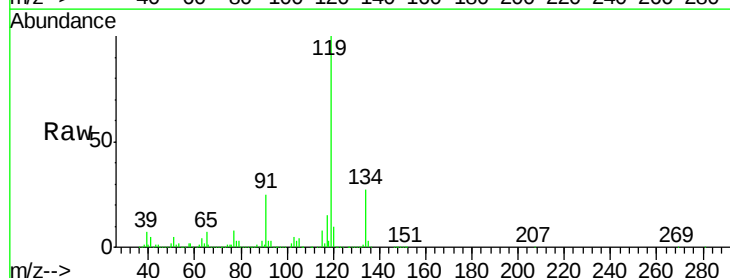
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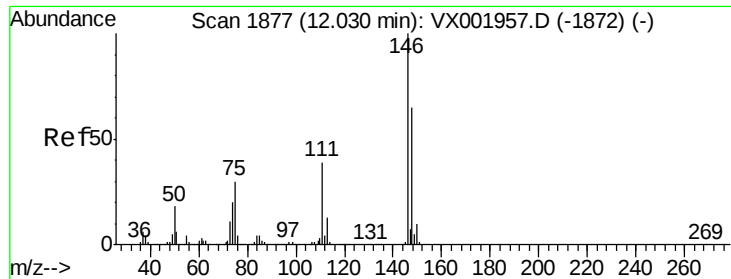
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#82
 p-Isopropyltoluene
 Concen: 19.831 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX001964.D
 Acq: 25 May 2018 02:33

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	337635		
134	26.3	0.0	52.6	
91	24.2	0.0	48.0	





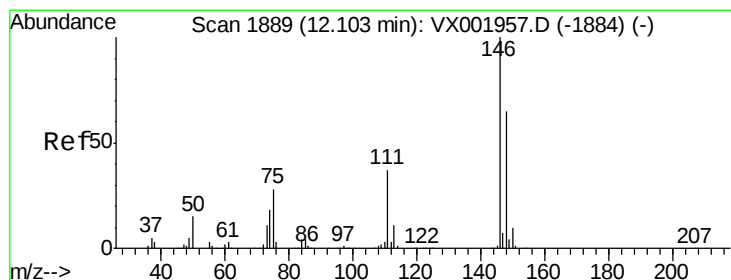
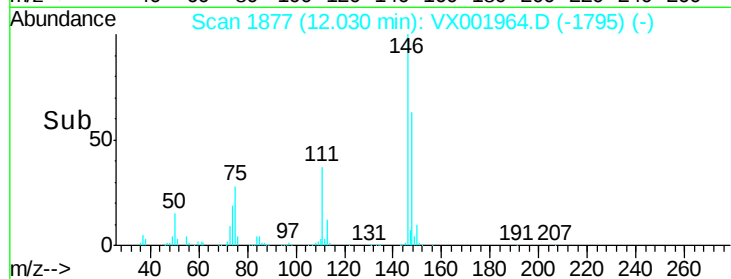
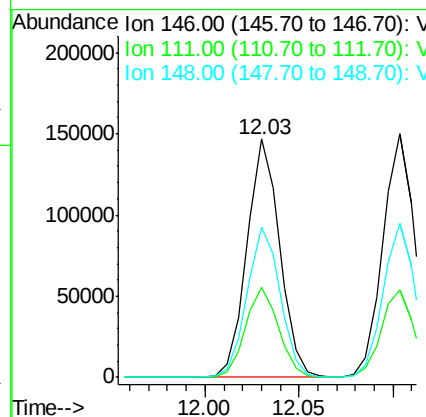
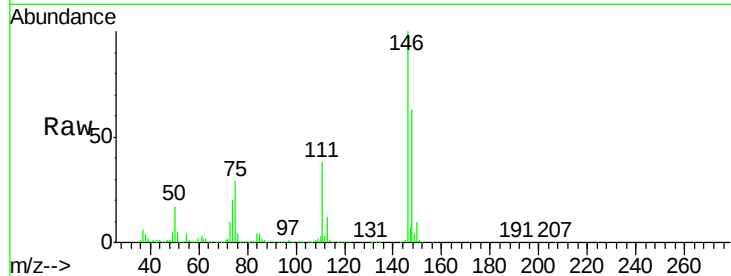
#83
 1,3-Dichlorobenzene
 Concen: 19.501 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001964.D
 Acq: 25 May 2018 02:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.1	57.5
148	64.0	31.9	95.7

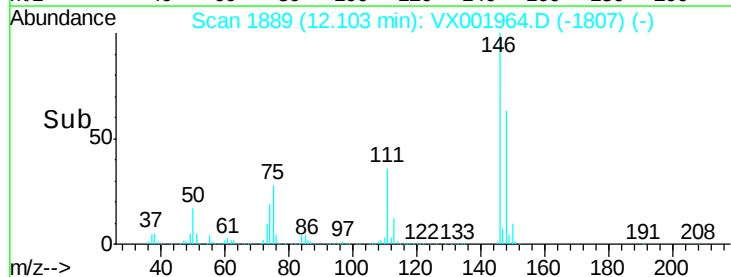
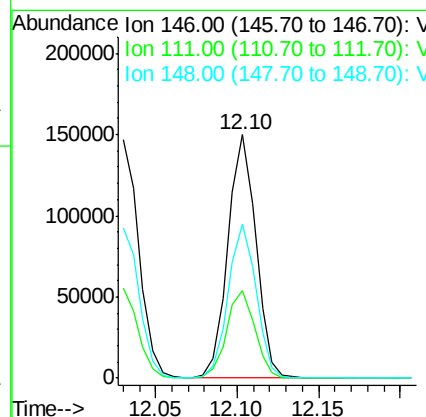
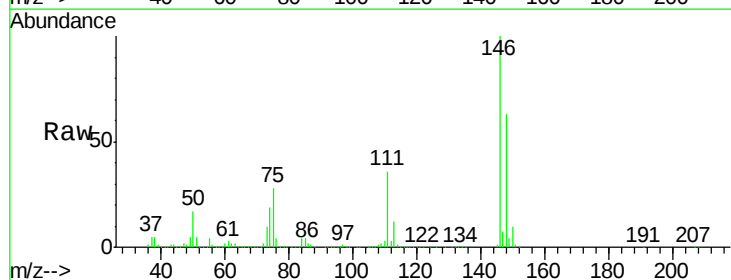
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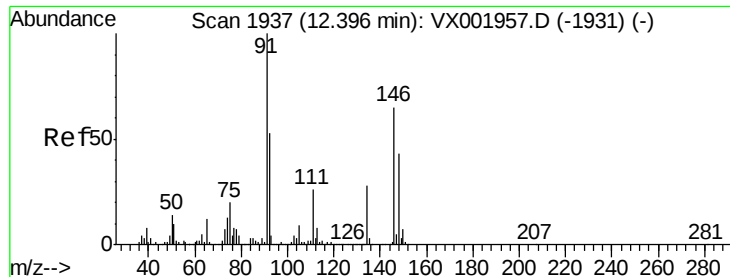
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#84
 1,4-Dichlorobenzene
 Concen: 19.806 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001964.D
 Acq: 25 May 2018 02:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.5	55.5
148	62.7	32.0	96.0





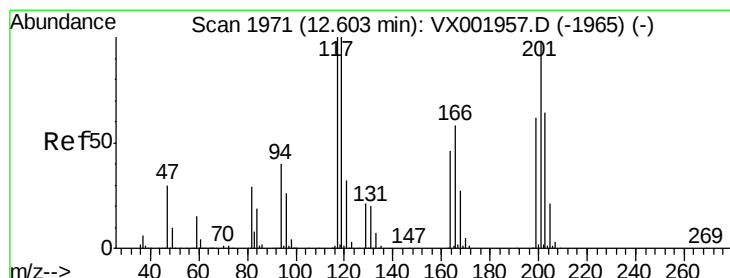
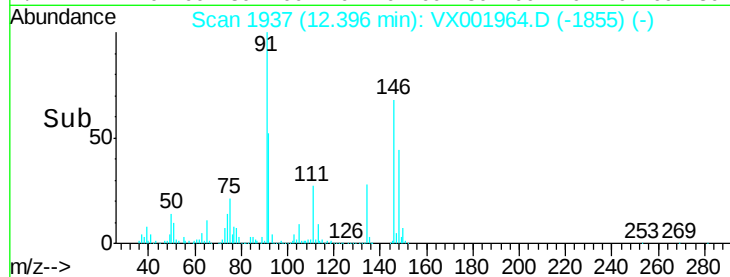
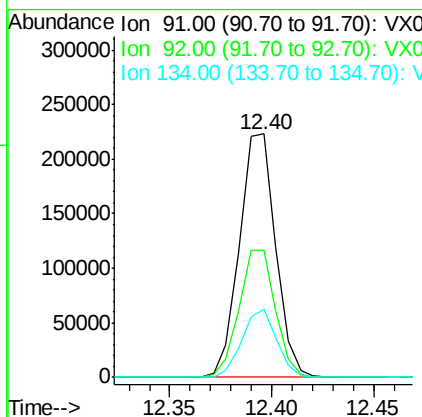
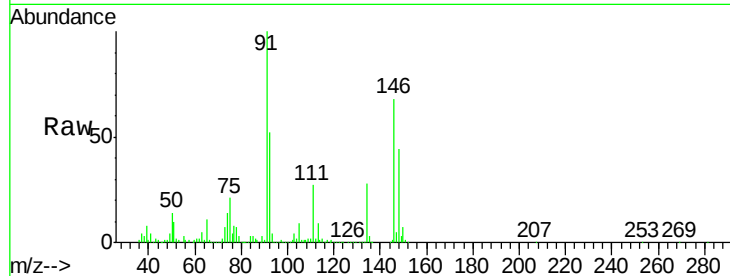
#85
n-Butylbenzene
Concen: 19.201 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001964.D
Acq: 25 May 2018 02:33

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	274160		
92	52.5	0.0	105.2	
134	26.9	0.0	53.2	

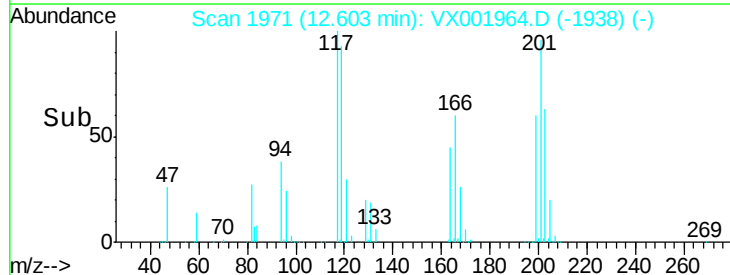
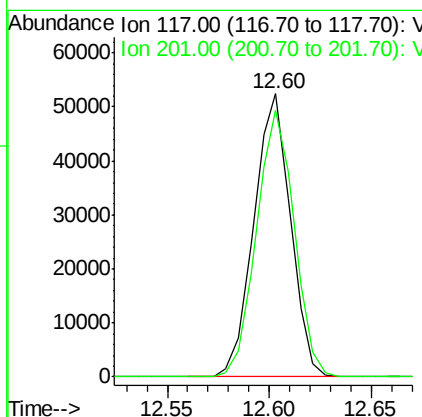
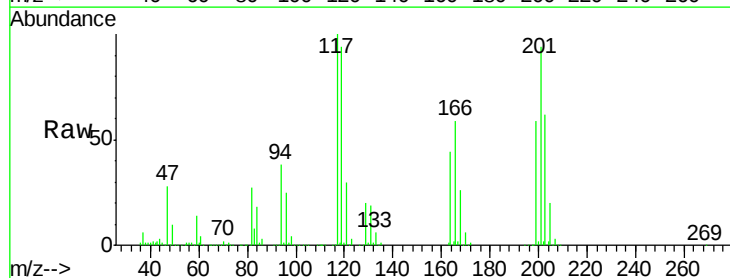
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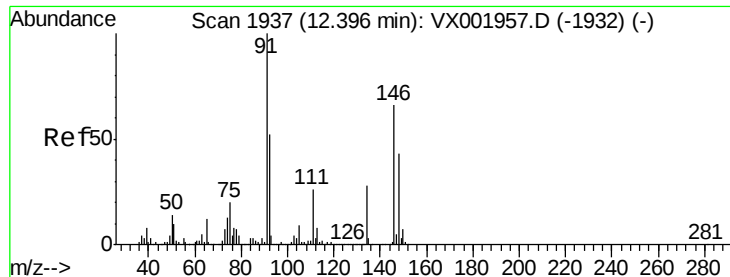
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#86
Hexachloroethane
Concen: 19.369 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001964.D
Acq: 25 May 2018 02:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	65622		
201	96.7	47.6	142.8	





#87

1,2-Dichlorobenzene

Concen: 19.900 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Instrument :

MSVOA_X

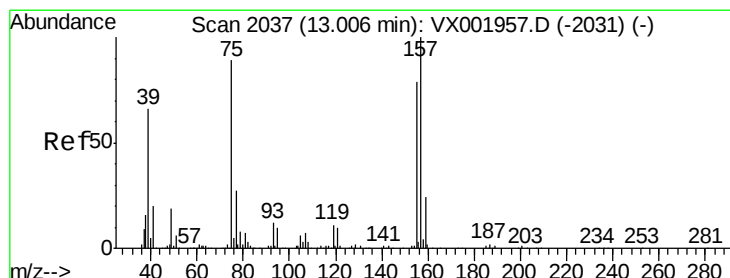
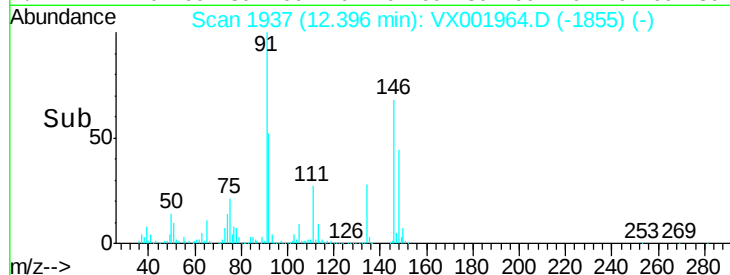
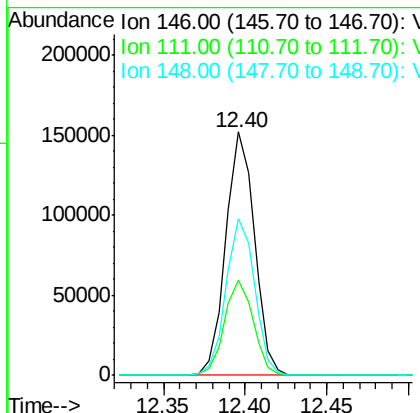
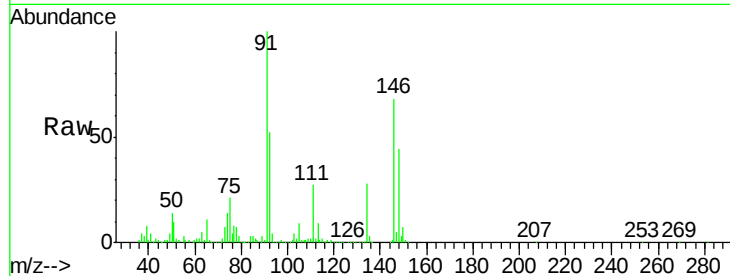
ClientSampleId :

VX0525WBSD01

Tot Ion:	146	Resp:	186292
Ion Ratio	Lower	Upper	
146	100		
111	39.1	20.0	59.9
148	64.2	32.8	98.3

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#88

1,2-Dibromo-3-Chloropropane

Concen: 20.733 ug/l

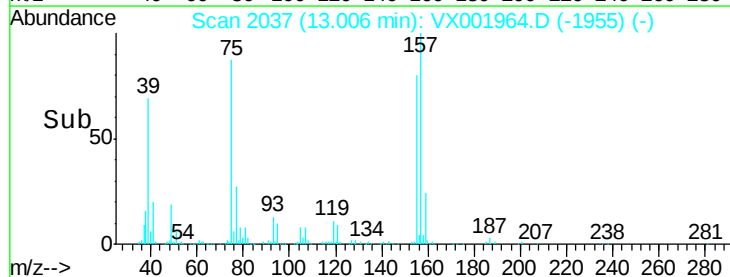
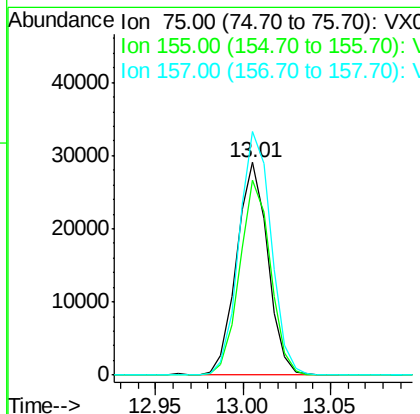
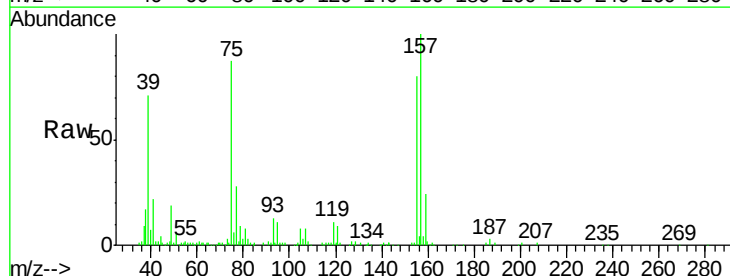
RT: 13.01 min Scan# 2037

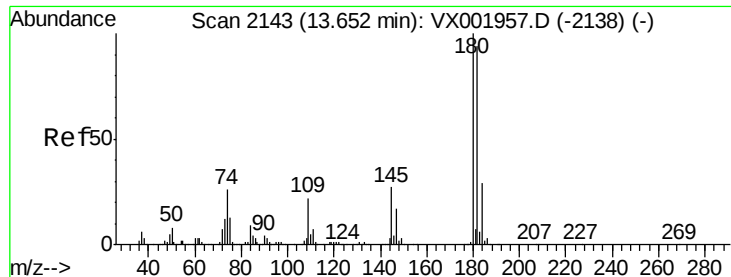
Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Tgt Ion:	75	Resp:	36144
Ion Ratio	Lower	Upper	
75	100		
155	90.4	73.1	109.7
157	117.1	93.1	139.7





#89

1,2,4-Trichlorobenzene

Concen: 19.332 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX001964.D

Acq: 25 May 2018 02:33

Instrument :

MSVOA_X

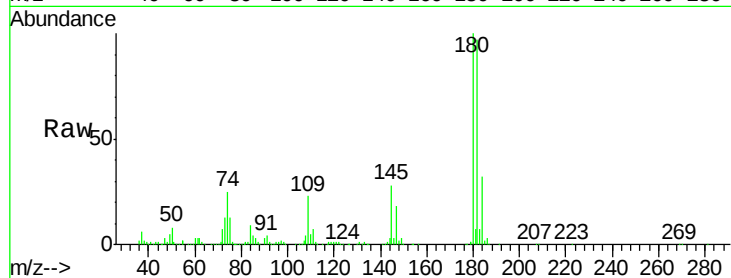
ClientSampleId :

VX0525WBSD01

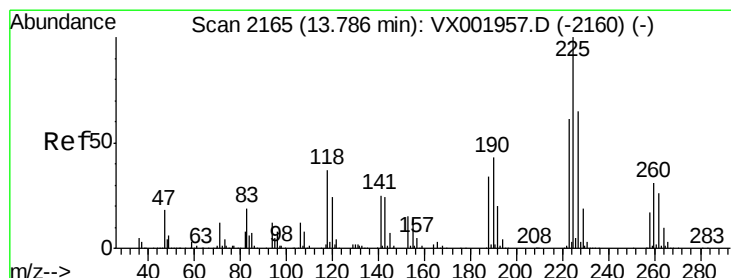
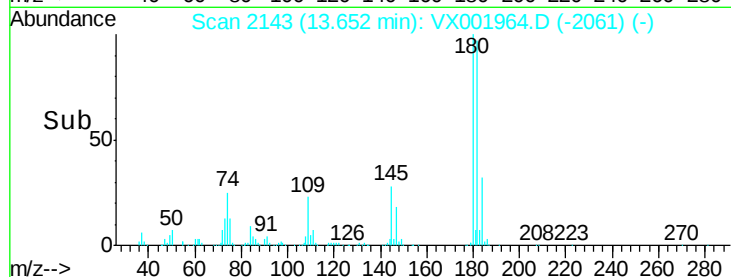
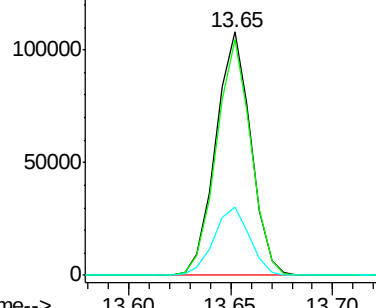
Tot Ion:	180	Resp:	128531
Ion Ratio	Lower	Upper	
180	100		
182	96.4	76.4	114.6
145	28.6	22.9	34.3

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Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V



#90

Hexachlorobutadiene

Concen: 18.881 ug/l

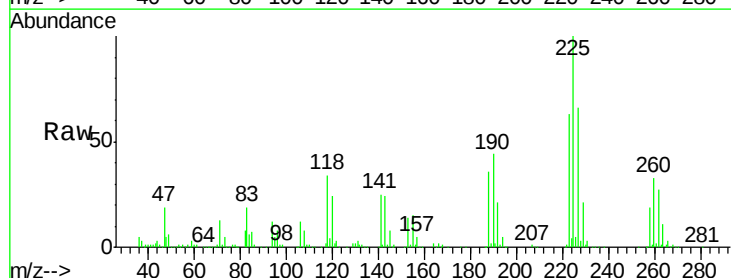
RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

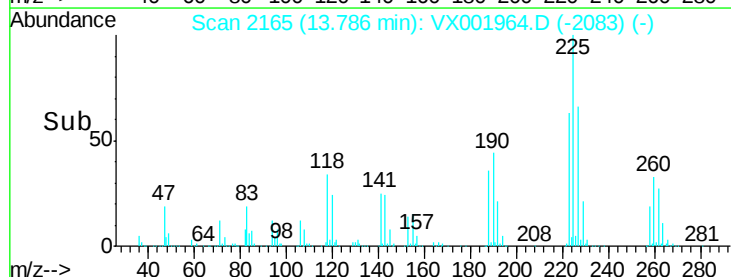
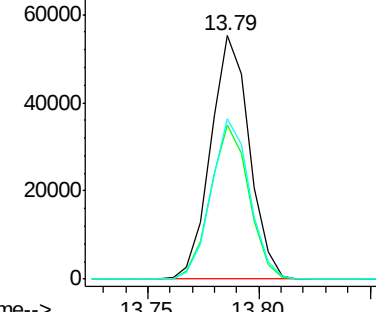
Lab File: VX001964.D

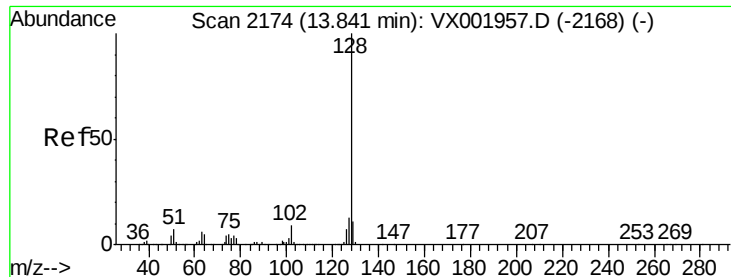
Acq: 25 May 2018 02:33

Tgt Ion:	225	Resp:	66774
Ion Ratio	Lower	Upper	
225	100		
223	63.0	0.0	122.4
227	65.2	0.0	128.0



Abundance Ion 225.00 (224.70 to 225.70): V
Ion 223.00 (222.70 to 223.70): V
Ion 227.00 (226.70 to 227.70): V





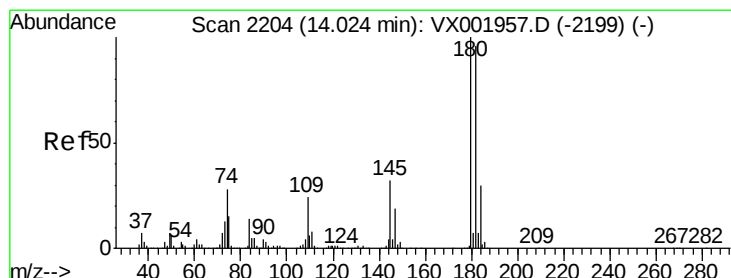
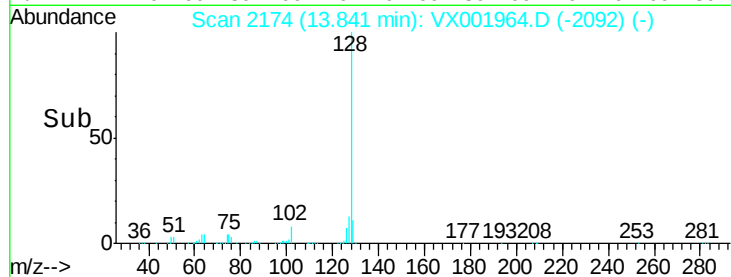
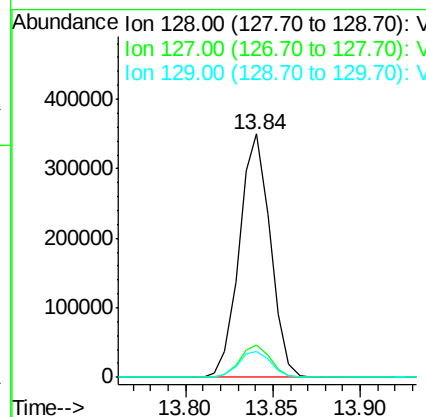
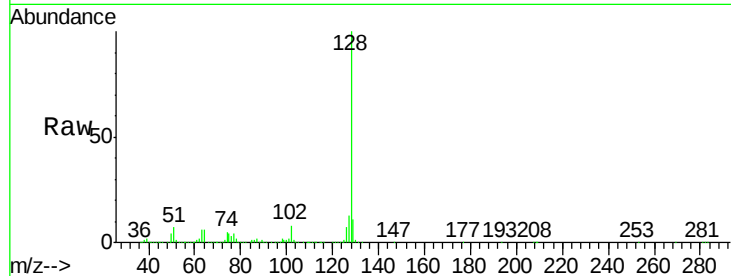
#91
Naphthalene
Concen: 20.496 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX001964.D
Acq: 25 May 2018 02:33

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	11.0	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
5/29/2018 4:39:19 PM



#92
1,2,3-Trichlorobenzene
Concen: 19.907 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX001964.D
Acq: 25 May 2018 02:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	0.0	191.0
145	29.9	0.0	60.6

