

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061818\
 Data File : VX002677.D
 Acq On : 18 Jun 2018 12:44
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 6/19/2018 1:05:26 PM

Quant Time: Jun 18 15:05:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X061818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 18 14:58:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	47379	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	263503	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	248493	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	110589	29.66	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.87%
60) 4-Bromofluorobenzene	11.14	95	119385	28.07	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	93.57%
63) Toluene-d8	8.72	98	325799	29.42	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.07%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	12918	5.14	ug/l	99
3) Chloromethane	1.32	50	13801	4.61	ug/l	99
4) Vinyl Chloride	1.40	62	14605	4.91	ug/l	99
5) Bromomethane	1.64	94	9468	5.68	ug/l	100
6) Chloroethane	1.73	64	9144	5.19	ug/l	98
7) Trichlorofluoromethane	1.93	101	24670	5.43	ug/l	99
8) Diethyl Ether	2.19	74	8685	5.08	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	14473	5.92	ug/l	97
10) 1,1-Dichloroethene	2.38	96	12621	5.35	ug/l	91
11) Methyl Iodide	2.51	142	9352	2.53	ug/l	94
12) Methyl Acetate	2.78	43	16949	4.44	ug/l	98
13) Acrolein	2.29	56	10844	33.34	ug/l	98
14) Acrylonitrile	3.15	53	35336	22.48	ug/l	97
15) Acetone	2.45	58	10532	25.13	ug/l	93
16) Carbon Disulfide	2.57	76	31964	4.75	ug/l	97
17) Allyl chloride	2.73	41	23839	4.90	ug/l	94
18) Methylene Chloride	2.86	84	14890	5.62	ug/l	99
19) trans-1,2-Dichloroethene	3.17	96	13079	5.25	ug/l	95
20) Diisopropyl ether	3.87	45	47891	5.16	ug/l	90
21) 1,1-Dichloroethane	3.70	63	25920	5.24	ug/l	99
22) cis-1,2-Dichloroethene	4.60	96	13854	4.66	ug/l	91
23) tert-Butyl Alcohol	3.06	59	17537	21.51	ug/l	# 100
24) Methyl tert-Butyl Ether	3.20	73	44089	4.79	ug/l	100
25) Chloroform	5.21	83	23449	4.51	ug/l	91
26) Cyclohexane	5.57	56	20842	4.58	ug/l	# 95
29) 1,1-Dichloropropene	5.80	75	17479	4.74	ug/l	96
30) 2-Butanone	4.70	43	48893	19.01	ug/l	97
31) 2,2-Dichloropropane	4.59	77	18401	5.68	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	19859	4.12	ug/l	96
33) Carbon Tetrachloride	5.78	117	18113	4.14	ug/l	99
34) Benzene	6.15	78	52289	4.70	ug/l	97
35) Methacrylonitrile	5.07	41	9853	3.46	ug/l	95
36) 1,2-Dichloroethane	6.20	62	20615	4.75	ug/l	96
37) Trichloroethene	7.21	130	15190	4.81	ug/l	92
38) Methylcyclohexane	7.46	83	21659	5.04	ug/l	99
39) 1,2-Dichloropropane	7.52	63	13283	4.41	ug/l	91
40) Dibromomethane	7.67	93	9139	4.53	ug/l	98

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 Data File : VX002677.D
 Acq On : 18 Jun 2018 12:44
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

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 6/19/2018 1:05:26 PM

Quant Time: Jun 18 15:05:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X061818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 18 14:58:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	15851	3.78	ug/l	98
42) Vinyl Acetate	3.82	43	200115	24.60	ug/l	100
43) Ethyl Acetate	4.86	43	17092	3.39	ug/l #	90
44) Isopropyl Acetate	6.46	43	29088	3.47	ug/l	96
45) 1,4-Dioxane	7.76	88	5967	74.73	ug/l #	91
46) Methyl methacrylate	7.78	41	14314	3.37	ug/l	95
47) n-amyl Acetate	10.90	43	24402	3.16	ug/l #	89
48) t-1,3-Dichloropropene	8.44	75	18088	3.84	ug/l	94
49) cis-1,3-Dichloropropene	9.04	75	16193	3.55	ug/l	99
50) 1,1,2-Trichloroethane	9.22	97	13440	4.64	ug/l	93
51) Ethyl methacrylate	9.18	69	18161	3.62	ug/l	97
52) 1,3-Dichloropropane	9.37	76	21734	4.44	ug/l	98
53) Dibromochloromethane	9.59	129	12315	3.48	ug/l	97
54) 1,2-Dibromoethane	9.68	107	13676	4.36	ug/l	98
55) 2-Chloroethyl vinyl ether	8.32	63	43303	18.37	ug/l	99
56) Bromoform	10.86	173	9025	2.90	ug/l	100
58) 4-Methyl-2-Pentanone	8.65	43	92650	17.13	ug/l	99
59) 2-Hexanone	9.50	43	70334	16.76	ug/l	99
61) Tetrachloroethene	9.34	164	17329	4.57	ug/l	96
62) Toluene	8.79	91	58561	4.61	ug/l	98
64) Chlorobenzene	10.14	112	38938	4.74	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.23	131	12638	3.78	ug/l	96
66) Ethyl Benzene	10.26	91	62748	4.40	ug/l	98
67) m/p-Xylenes	10.36	106	48352	8.93	ug/l	99
68) o-Xylene	10.70	106	23373	4.31	ug/l	98
69) Styrene	10.71	104	37020	4.07	ug/l	98
70) Isopropylbenzene	11.02	105	64157	4.42	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.27	83	18955	4.17	ug/l	97
72) 1,2,3-Trichloropropane	11.30	75	16587m	3.87	ug/l	
73) Bromobenzene	11.26	156	18078	4.64	ug/l	94
74) n-propylbenzene	11.37	91	75239	4.64	ug/l	99
75) 2-Chlorotoluene	11.43	91	43885	4.39	ug/l	97
76) 1,3,5-Trimethylbenzene	11.51	105	53043	4.30	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	4047	2.61	ug/l	73
78) 4-Chlorotoluene	11.51	91	51891	4.57	ug/l	98
79) tert-butylbenzene	12.07	119	58247	4.50	ug/l	99
80) 1,2,4-Trimethylbenzene	11.81	105	54488	4.37	ug/l	97
81) sec-Butylbenzene	11.95	105	66202	4.58	ug/l	100
82) p-Isopropyltoluene	12.07	119	58247	4.50	ug/l	99
83) 1,3-Dichlorobenzene	12.03	146	33148	4.80	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	33543	4.88	ug/l	99
85) n-Butylbenzene	12.39	91	51363	4.73	ug/l	98
86) Hexachloroethane	12.60	117	7432	2.89	ug/l	95
87) 1,2-Dichlorobenzene	12.40	146	33607	4.72	ug/l	96
88) 1,2-Dibromo-3-Chloropropan	13.01	75	3599	2.72	ug/l	97
89) 1,2,4-Trichlorobenzene	13.65	180	24105	4.77	ug/l	99
90) Hexachlorobutadiene	13.79	225	12890	4.79	ug/l	98
91) Naphthalene	13.84	128	59715	3.74	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	23971	4.54	ug/l	98

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Acq On : 18 Jun 2018 12:44
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Sample : VSTDICC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

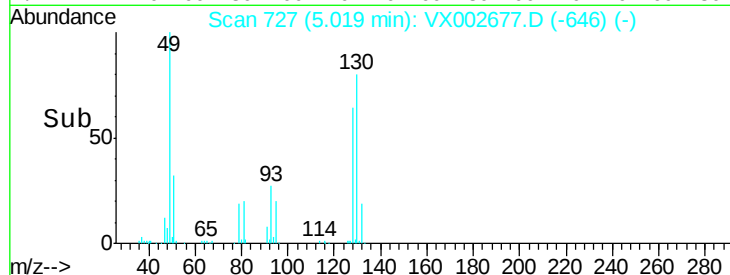
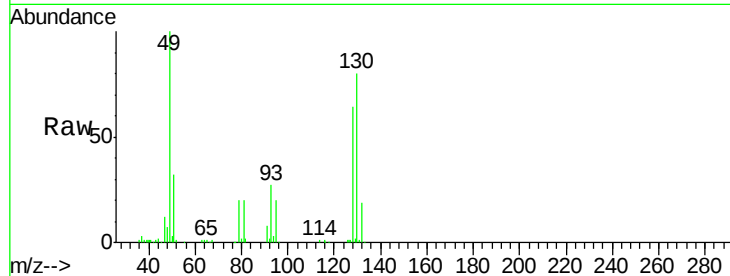
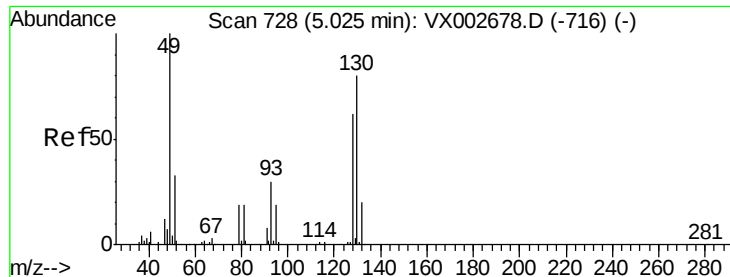
Manual Integrations
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Quant Time: Jun 18 15:05:39 2018
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jun 18 14:58:06 2018
Response via : Initial Calibration

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



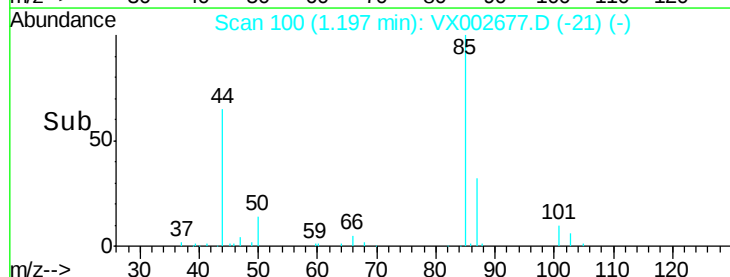
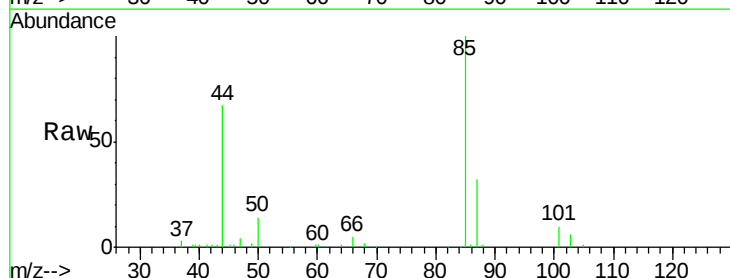
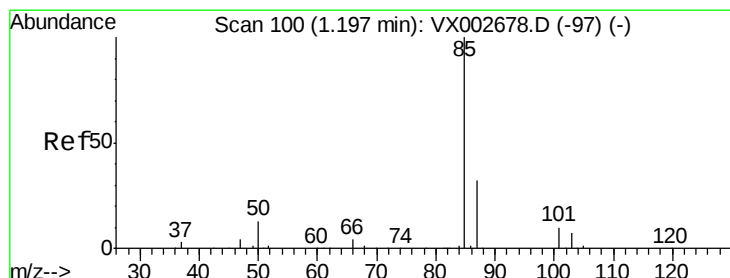
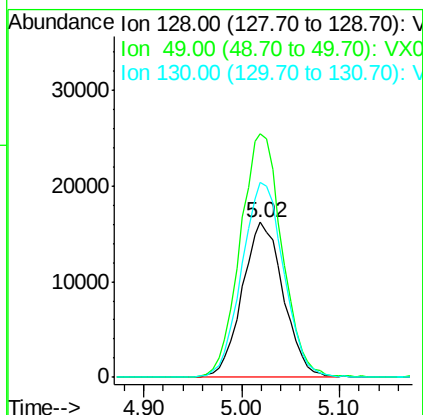
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX002677.D
Acq: 18 Jun 2018 12:44

Tot Ion	Ratio	Lower	Upper
128	100		
49	160.0	0.0	423.0
130	128.2	0.0	324.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

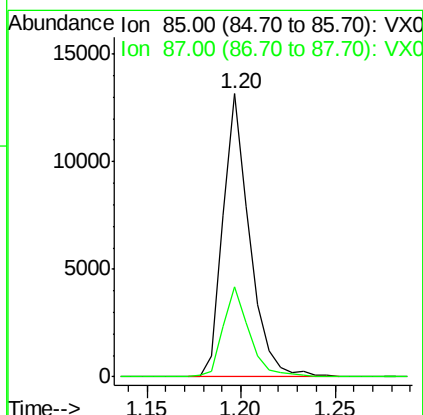
Manual Integrations
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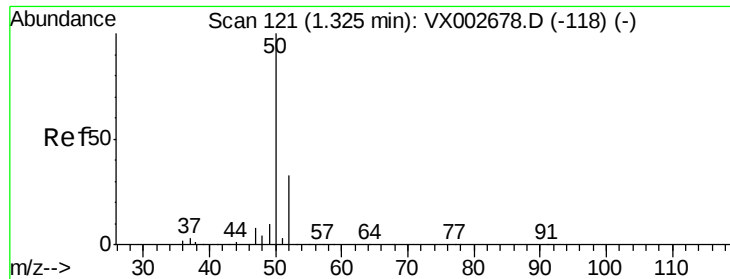
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#2
Dichlorodifluoromethane
Concen: 5.14 ug/l
RT: 1.20 min Scan# 100
Delta R.T. -0.00 min
Lab File: VX002677.D
Acq: 18 Jun 2018 12:44

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.6	16.2	48.5





#3

Chloromethane

Concen: 4.61 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002677.D

Acq: 18 Jun 2018 12:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 13801

Ion Ratio Lower Upper

50 100

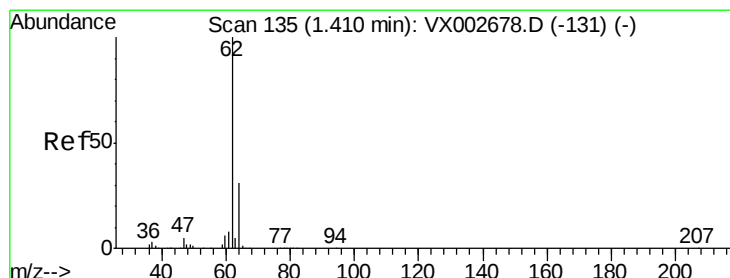
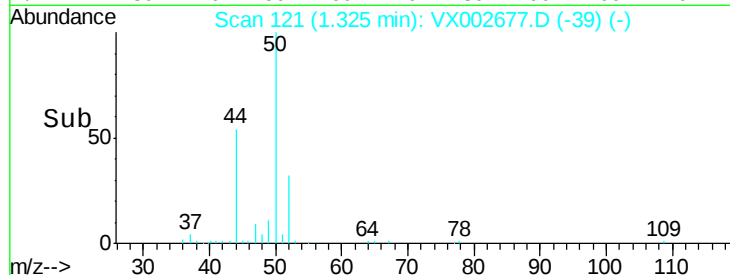
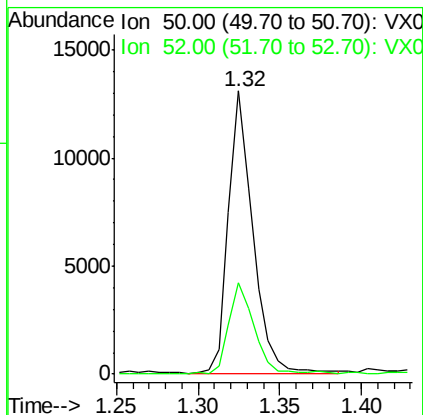
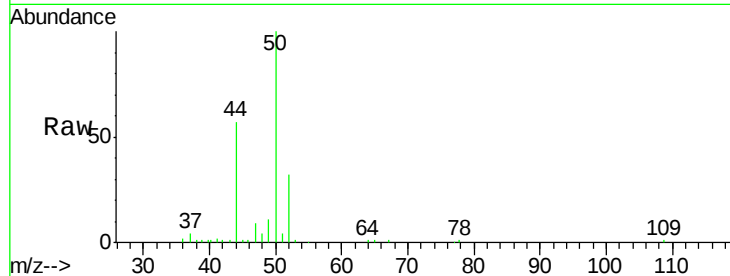
52 32.3 25.6 38.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 4.91 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX002677.D

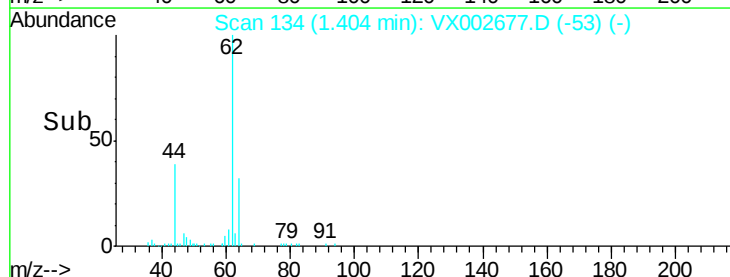
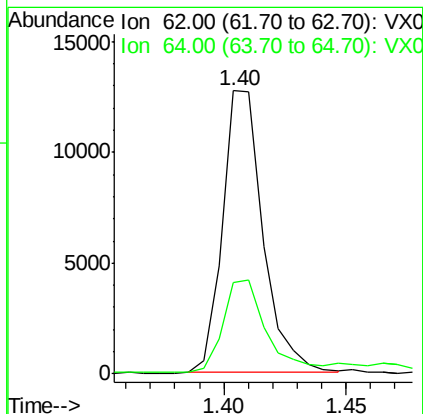
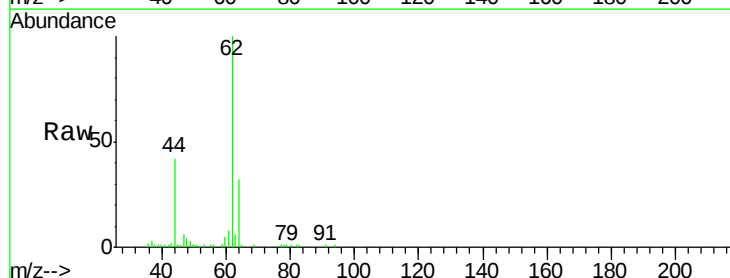
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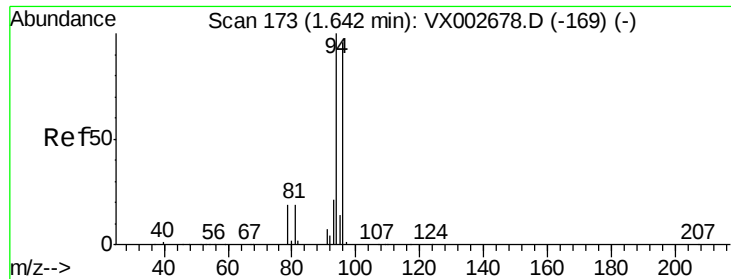
Tgt Ion: 62 Resp: 14605

Ion Ratio Lower Upper

62 100

64 32.0 25.3 37.9





#5

Bromomethane

Concen: 5.68 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.00 min

Lab File: VX002677.D

Acq: 18 Jun 2018 12:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 9468

Ion Ratio Lower Upper

94 100

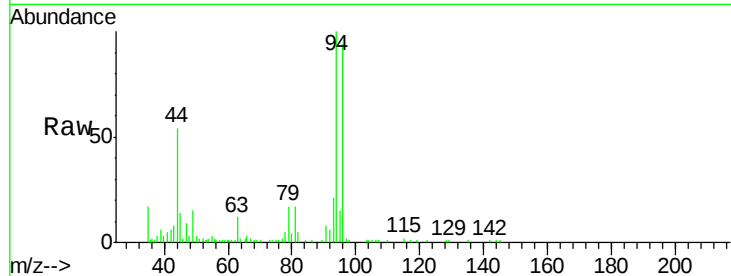
96 94.5 75.7 113.5

Manual Integrations

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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

10000

8000

6000

4000

2000

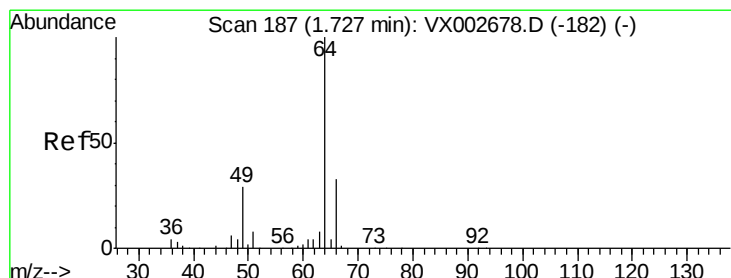
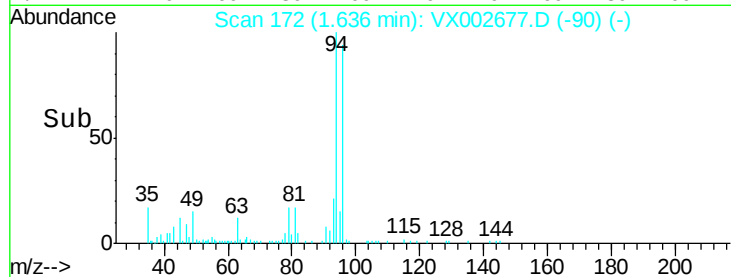
0

1.60

1.65

1.70

Time-->



#6

Chloroethane

Concen: 5.19 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.02 min

Lab File: VX002677.D

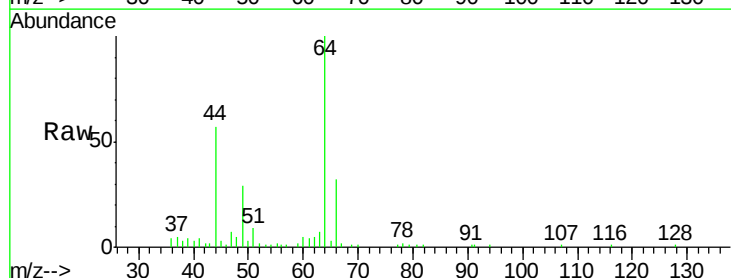
Acq: 18 Jun 2018 12:44

Tgt Ion: 64 Resp: 9144

Ion Ratio Lower Upper

64 100

66 31.7 24.3 36.5



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

6000

4000

2000

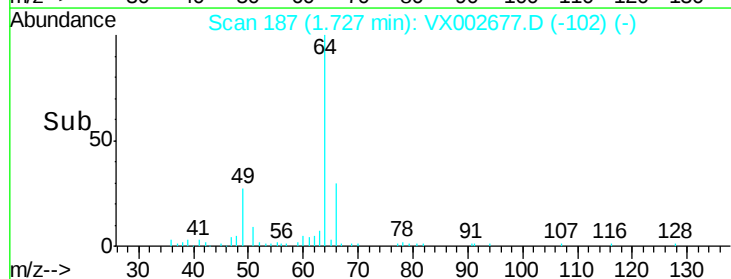
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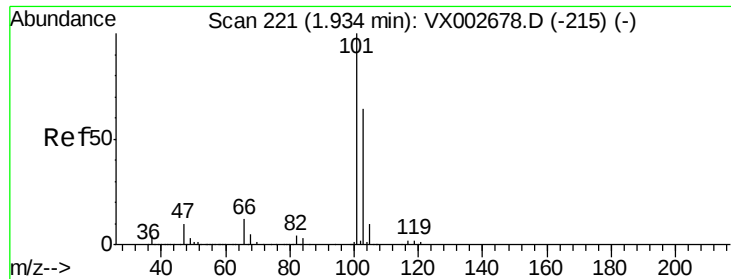
1.70

1.75

1.80

Time-->





#7

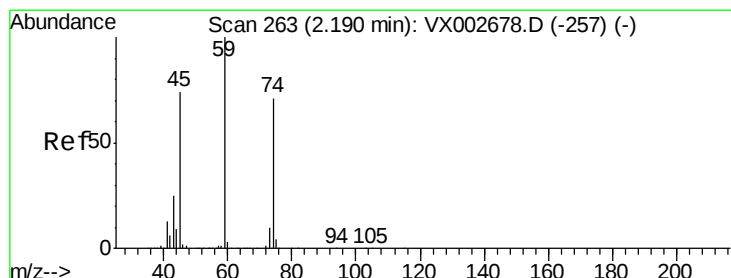
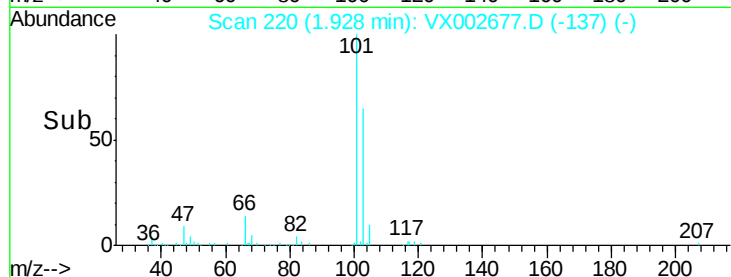
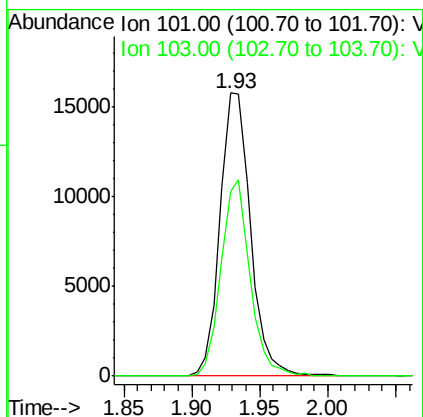
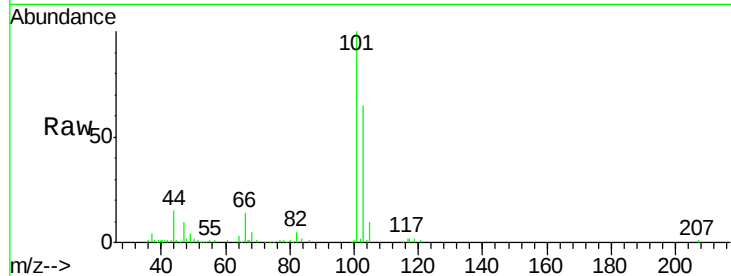
Trichlorofluoromethane
Concen: 5.43 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX002677.D
Acq: 18 Jun 2018 12:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	51.5	77.3

Manual Integrations
APPROVED

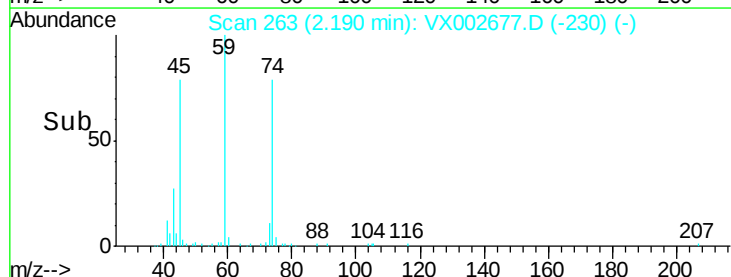
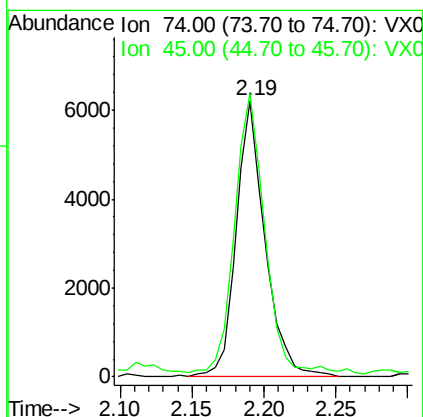
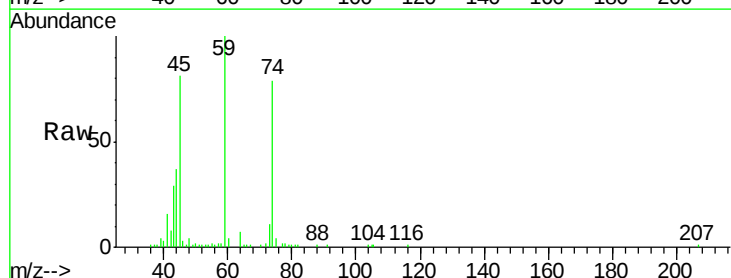
MMDadoda
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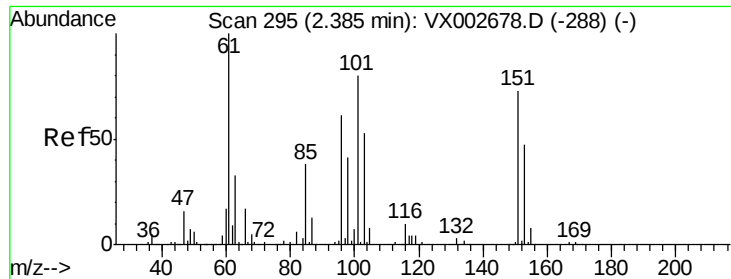


#8

Diethyl Ether
Concen: 5.08 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002677.D
Acq: 18 Jun 2018 12:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.8	20.5	184.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.92 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX002677.D

Acq: 18 Jun 2018 12:44

Instrument :

MSVOA_X

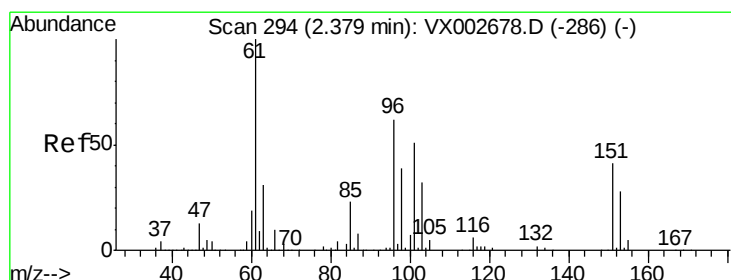
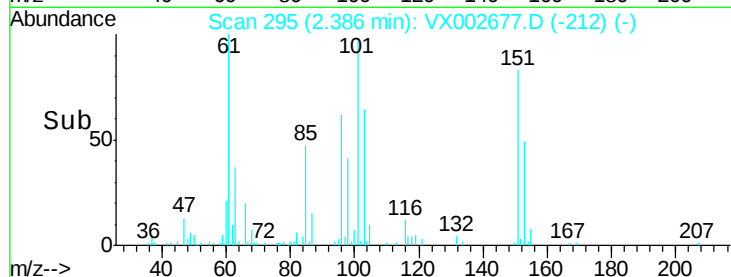
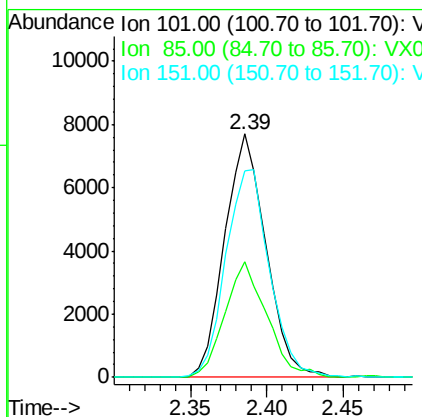
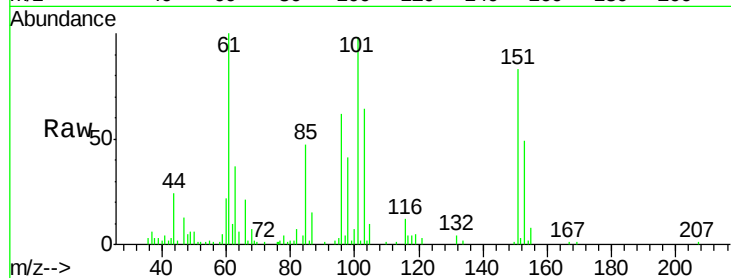
ClientSampled :

VSTDIC005

Tot Ion:	101	Resp:	14473
Ion Ratio	Lower	Upper	
101	100		
85	48.0	0.0	87.0
151	90.2	0.0	177.6

Manual Integrations
APPROVED

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6/19/2018 1:05:26 PM



#10

1,1-Dichloroethene

Concen: 5.35 ug/l

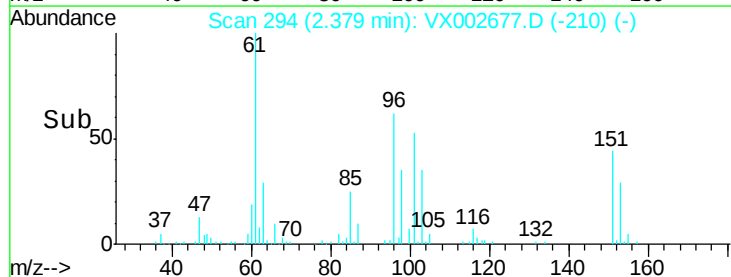
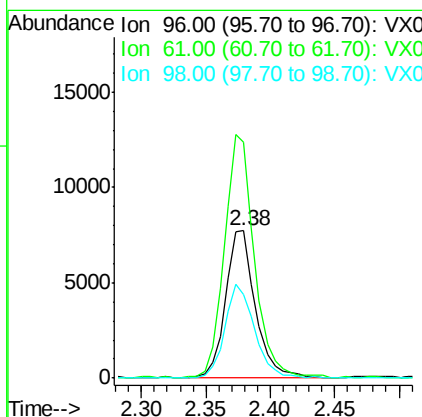
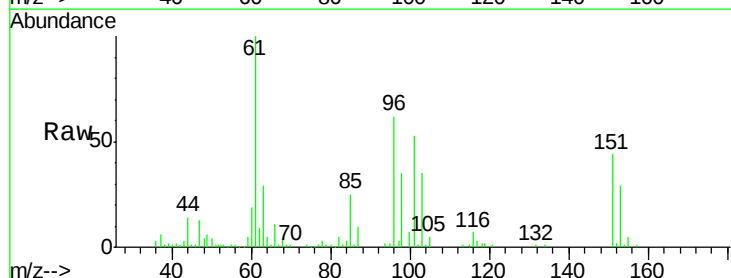
RT: 2.38 min Scan# 294

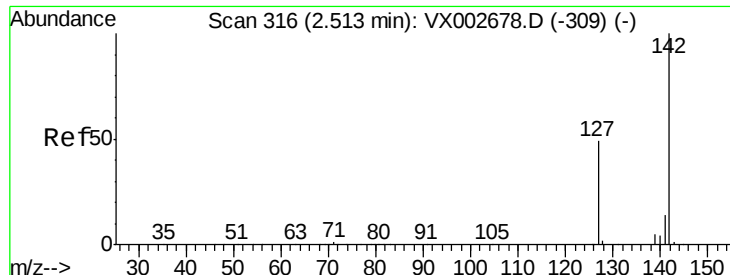
Delta R.T. 0.01 min

Lab File: VX002677.D

Acq: 18 Jun 2018 12:44

Tgt Ion:	96	Resp:	12621
Ion Ratio	Lower	Upper	
96	100		
61	160.2	137.5	206.3
98	56.5	51.4	77.2





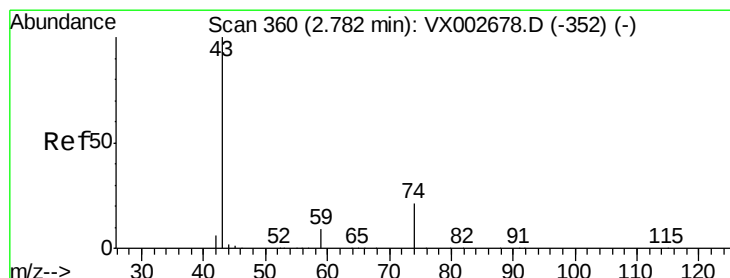
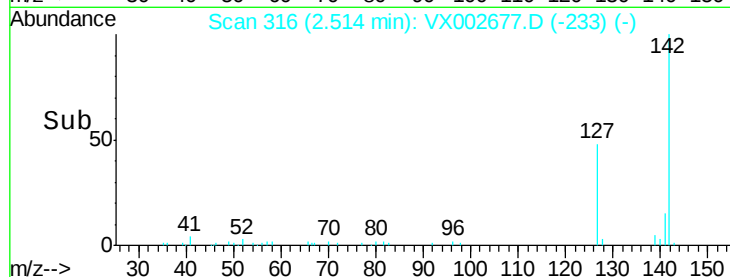
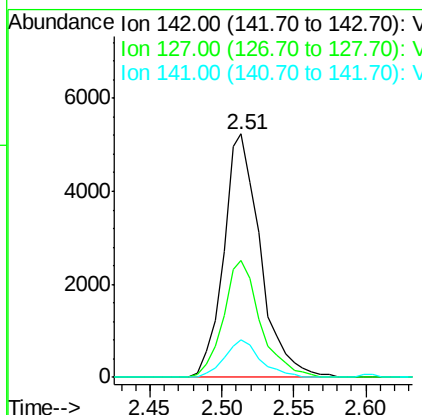
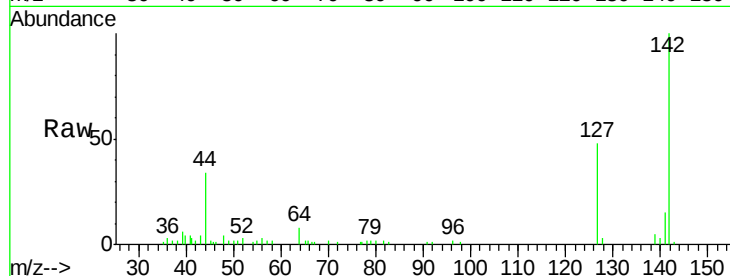
#11
Methvl Iodide
Concen: 2.53 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX002677.D
Acq: 18 Jun 2018 12:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
142	100		
127	51.1	23.2	69.6
141	15.2	7.4	22.2

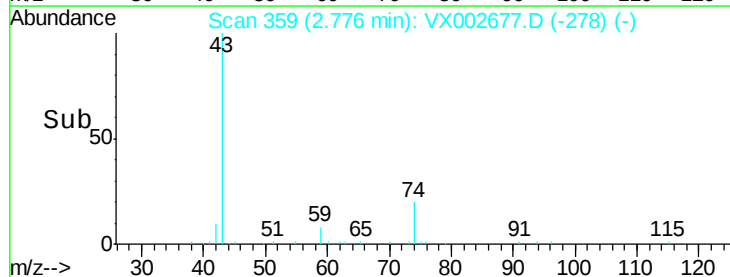
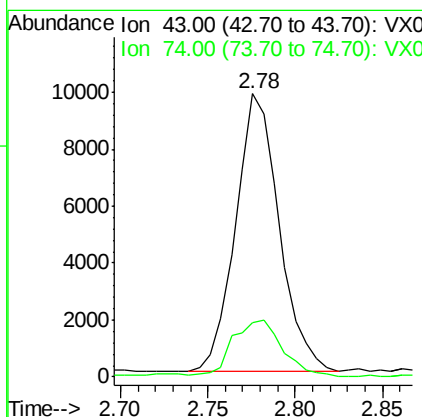
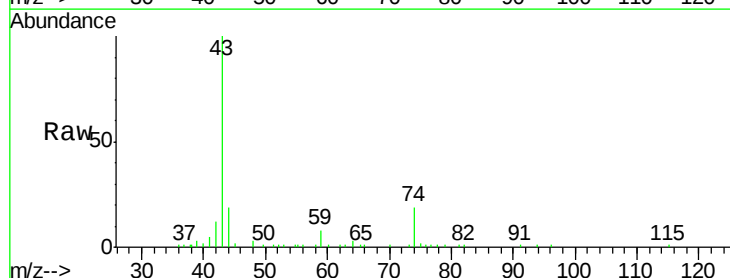
Manual Integrations
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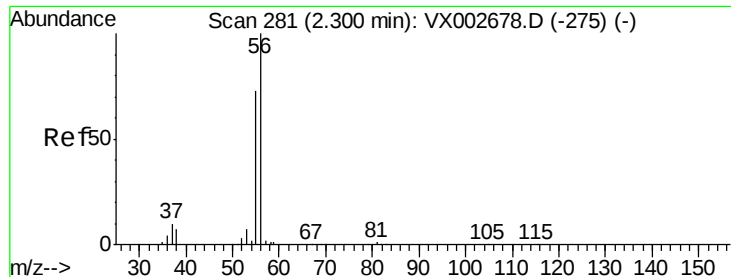
MMDadoda
6/19/2018 1:05:26 PM



#12
Methyl Acetate
Concen: 4.44 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX002677.D
Acq: 18 Jun 2018 12:44

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.4	16.4	24.6





#13

Acrolein

Concen: 33.34 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002677.D

Acq: 18 Jun 2018 12:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 10844

Ion Ratio Lower Upper

56 100

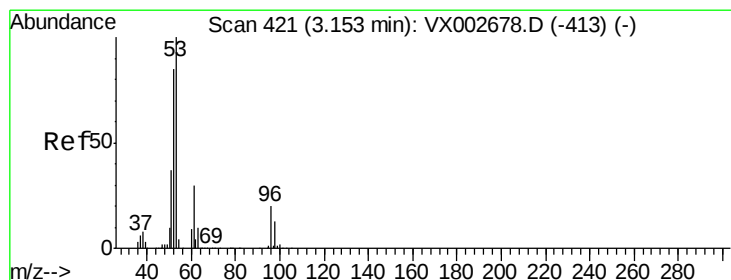
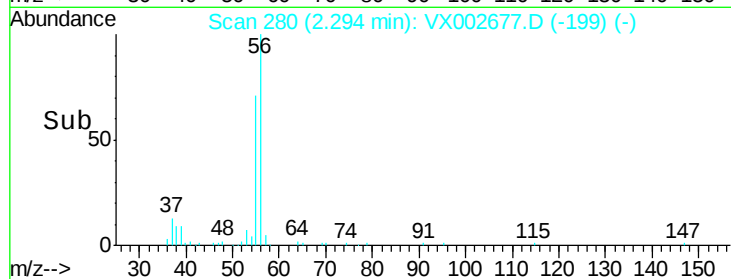
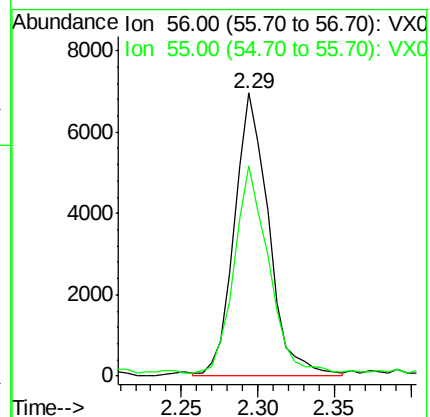
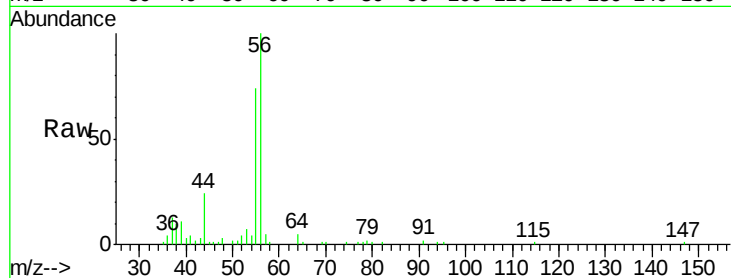
55 73.5 57.3 85.9

Manual Integrations

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#14

Acrylonitrile

Concen: 22.48 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX002677.D

Acq: 18 Jun 2018 12:44

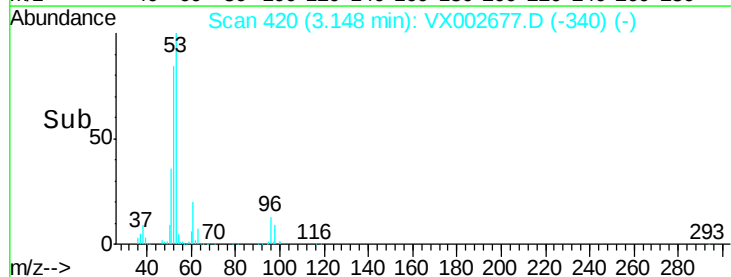
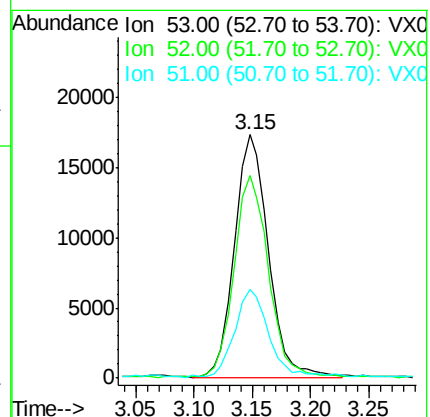
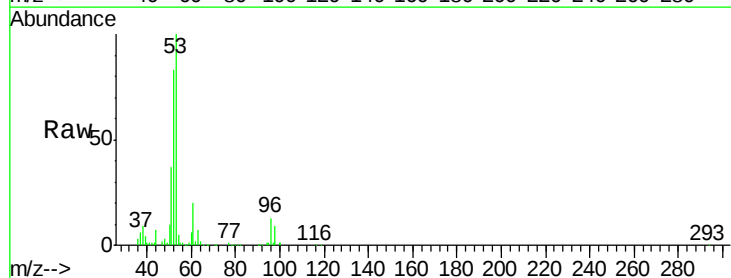
Tgt Ion: 53 Resp: 35336

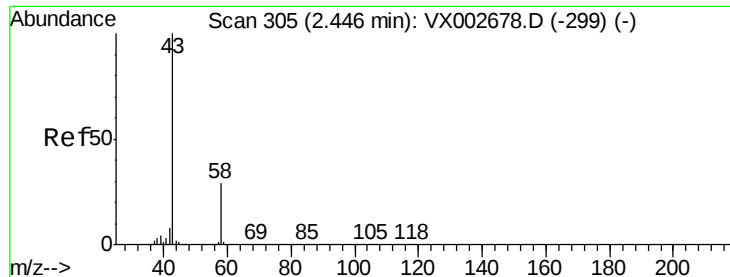
Ion Ratio Lower Upper

53 100

52 85.2 41.5 124.6

51 34.0 17.9 53.8





#15

Acetone

Concen: 25.13 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002677.D

Acq: 18 Jun 2018 12:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 58 Resp: 10532

Ion Ratio Lower Upper

58 100

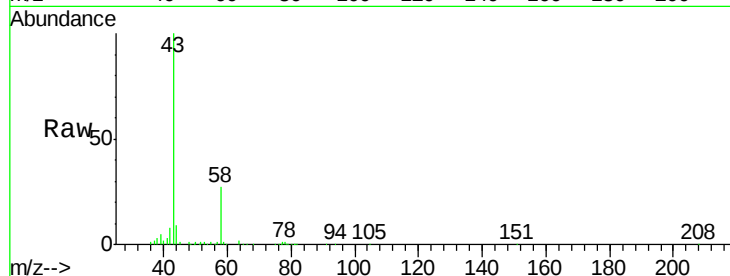
43 364.2 278.8 418.2

Manual Integrations

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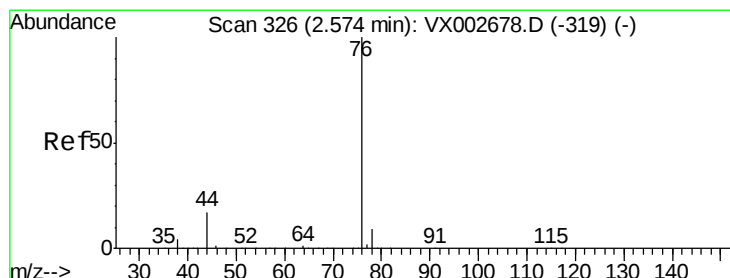
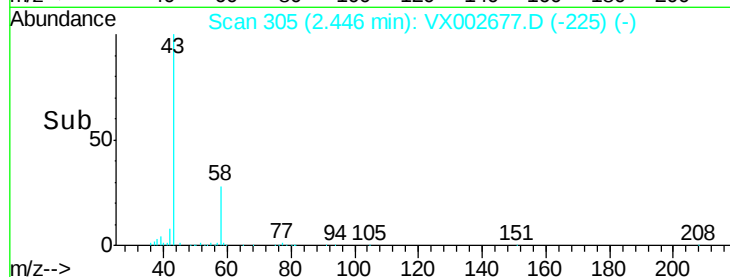
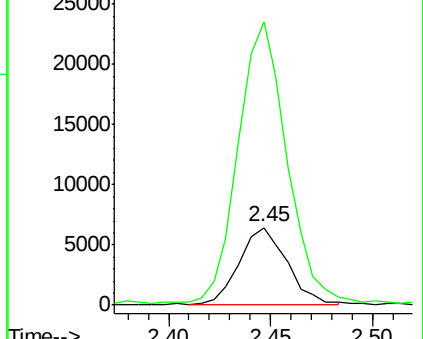
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Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 4.75 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX002677.D

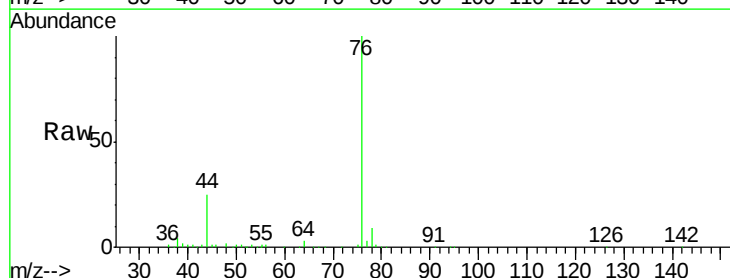
Acq: 18 Jun 2018 12:44

Tgt Ion: 76 Resp: 31964

Ion Ratio Lower Upper

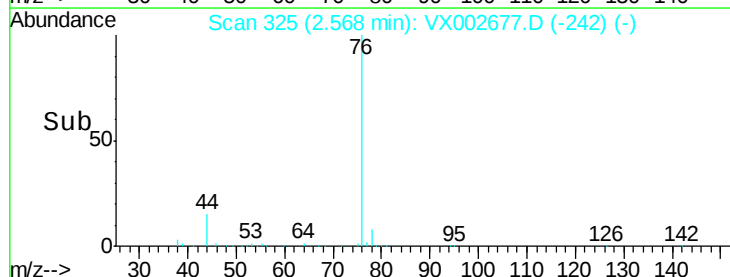
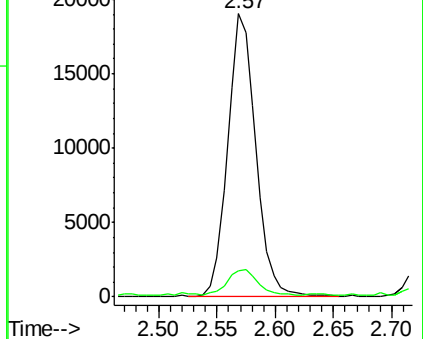
76 100

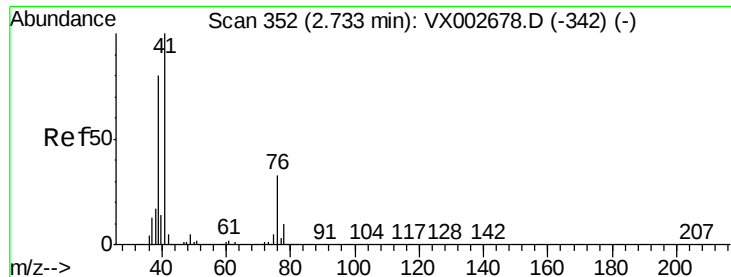
78 8.3 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#17

Allvl chloride

Concen: 4.90 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002677.D

Acq: 18 Jun 2018 12:44

Instrument :

MSVOA_X

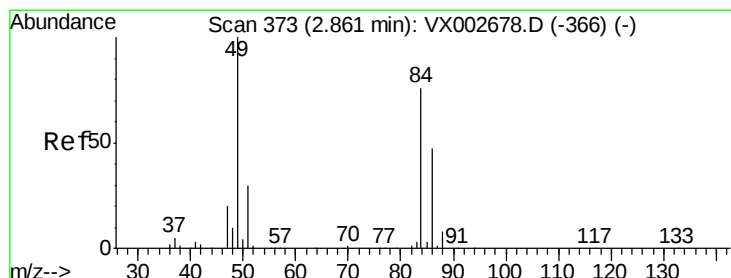
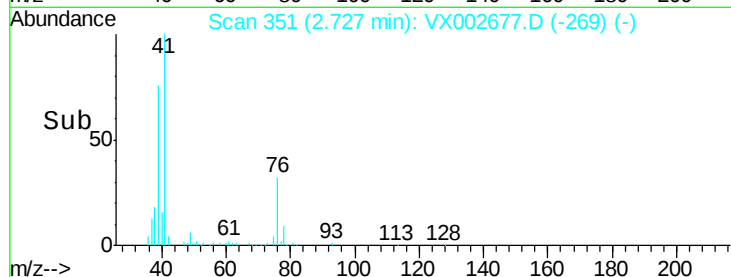
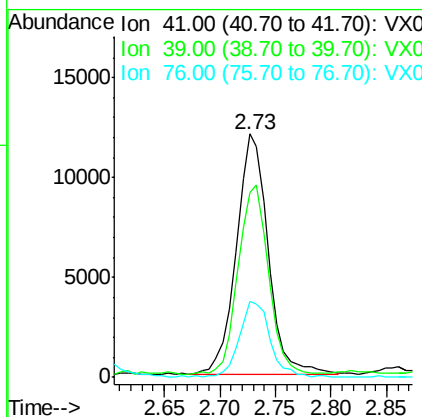
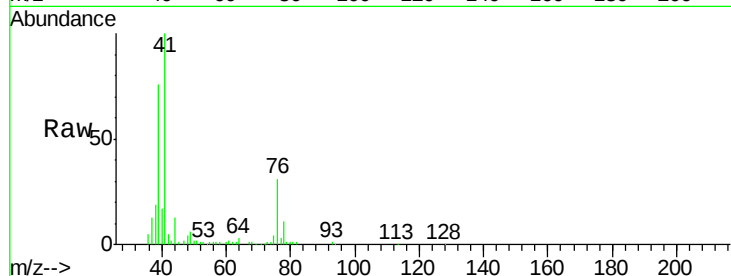
ClientSampleId :

VSTDIC005

Tot Ion:	41	Resp:	23839
Ion	Ratio	Lower	Upper
41	100		
39	75.5	34.6	103.8
76	31.5	15.0	45.1

Manual Integrations
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#18

Methylene Chloride

Concen: 5.62 ug/l

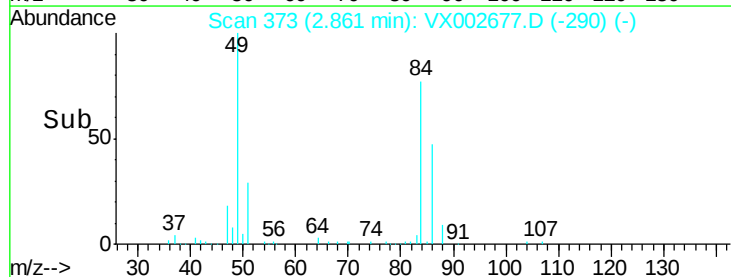
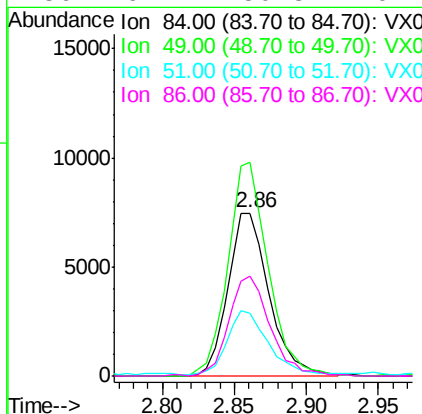
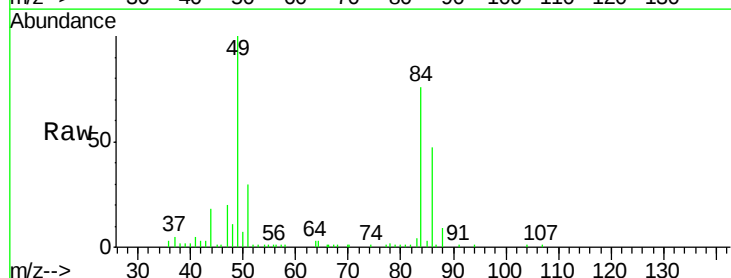
RT: 2.86 min Scan# 373

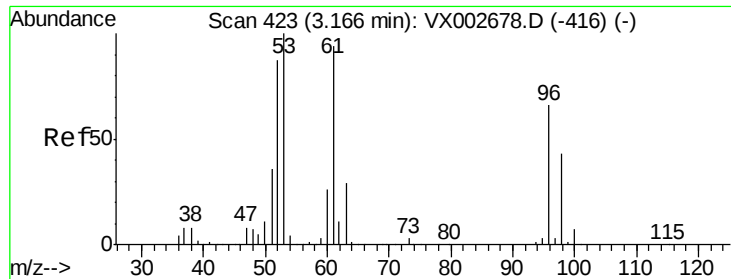
Delta R.T. 0.01 min

Lab File: VX002677.D

Acq: 18 Jun 2018 12:44

Tgt Ion:	84	Resp:	14890
Ion	Ratio	Lower	Upper
84	100		
49	130.9	104.7	157.1
51	37.6	31.0	46.4
86	61.1	50.8	76.2





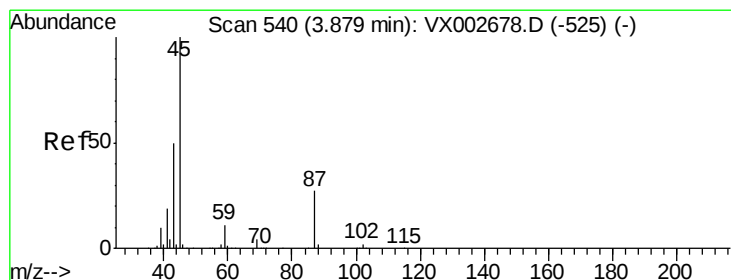
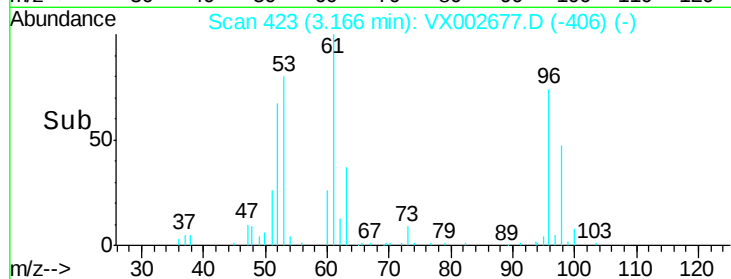
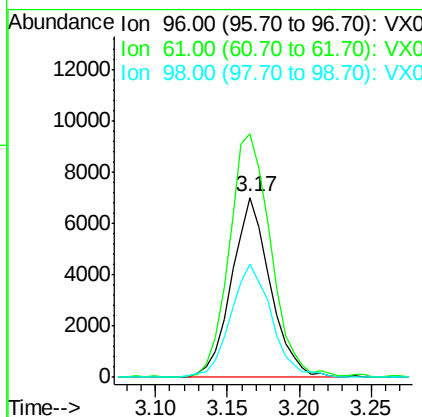
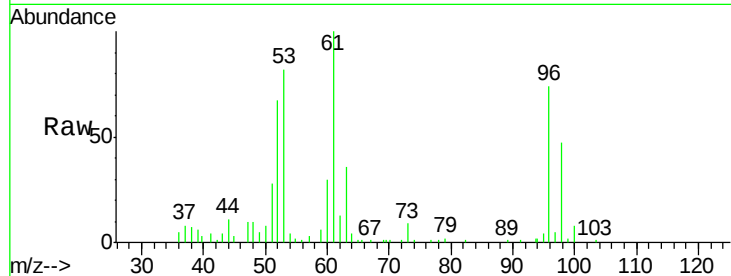
#19
trans-1,2-Dichloroethene
Concen: 5.25 ug/l
RT: 3.17 min Scan# 423
Delta R.T. 0.01 min
Lab File: VX002677.D
Acq: 18 Jun 2018 12:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.7	114.6	172.0
98	63.0	51.3	76.9

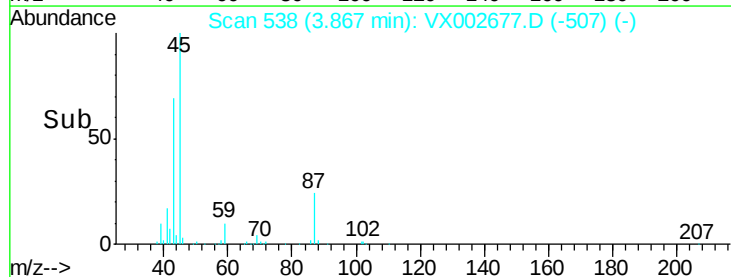
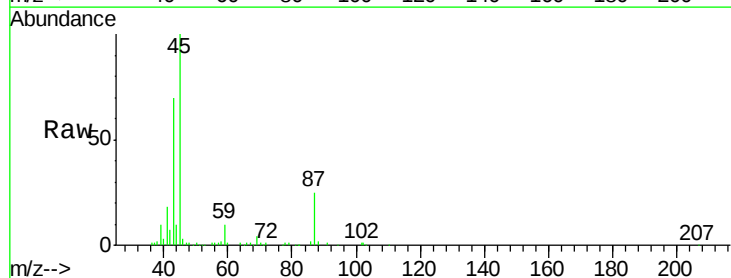
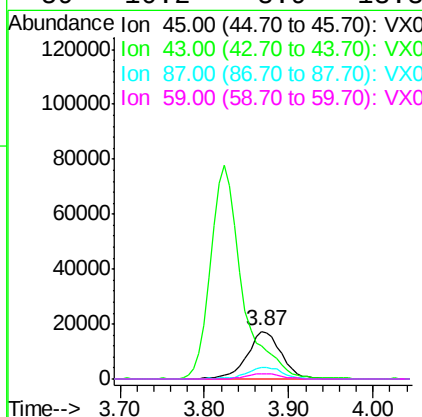
Manual Integrations
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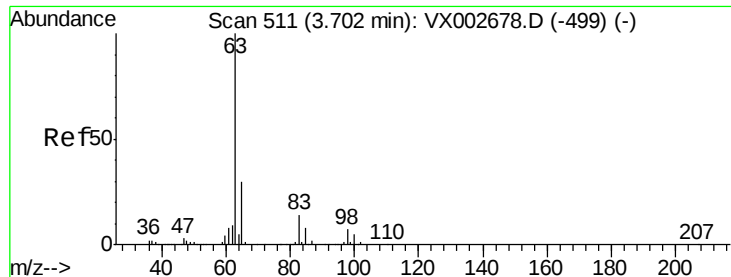
MMDadoda
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#20
Diisopropyl ether
Concen: 5.16 ug/l
RT: 3.87 min Scan# 538
Delta R.T. -0.01 min
Lab File: VX002677.D
Acq: 18 Jun 2018 12:44

Tgt Ion	Ratio	Lower	Upper
45	100		
43	68.1	45.6	68.4
87	24.9	20.7	31.1
59	10.2	8.9	13.3





#21

1,1-Dichloroethane

Concen: 5.24 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002677.D

Acq: 18 Jun 2018 12:44

Instrument :

MSVOA_X

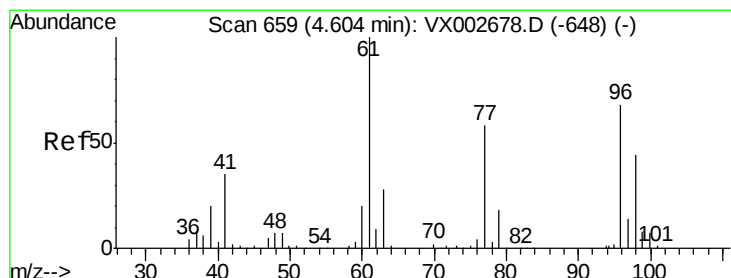
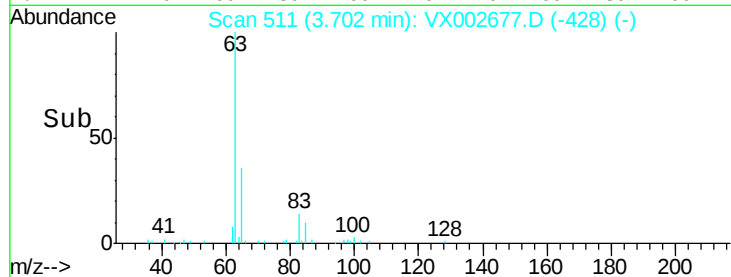
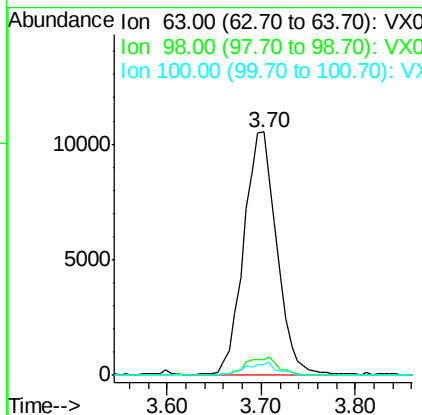
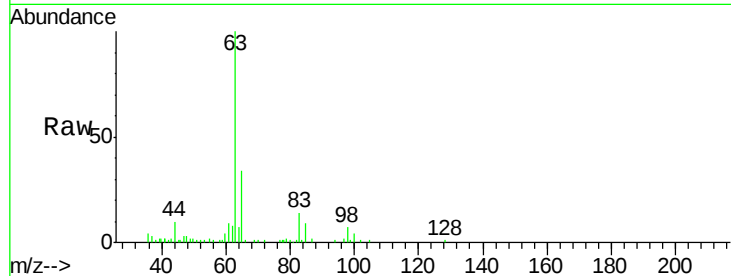
ClientSampleId :

VSTDIC005

Tot Ion:	63	Resp:	25920
Ion Ratio	Lower	Upper	
63	100		
98	6.7	3.1	9.3
100	4.2	2.2	6.6

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 4.66 ug/l

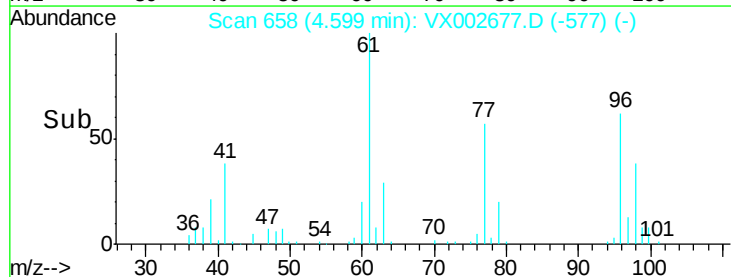
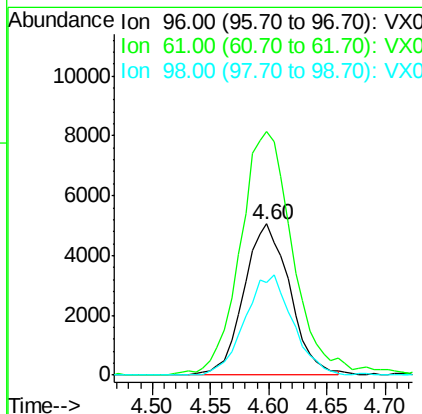
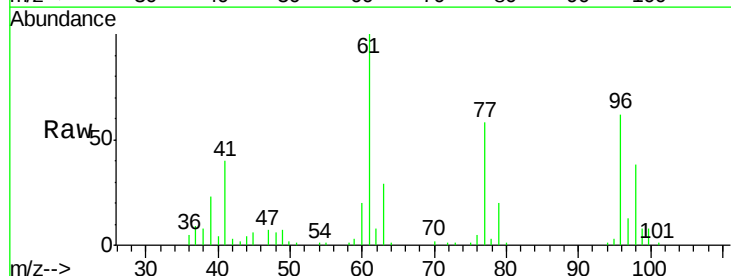
RT: 4.60 min Scan# 658

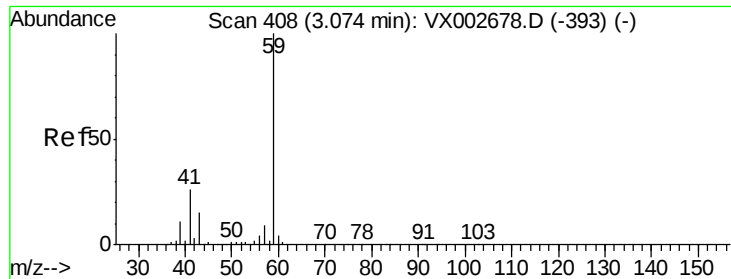
Delta R.T. -0.01 min

Lab File: VX002677.D

Acq: 18 Jun 2018 12:44

Tgt Ion:	96	Resp:	13854
Ion Ratio	Lower	Upper	
96	100		
61	182.7	160.2	240.2
98	68.5	54.1	81.1





#23

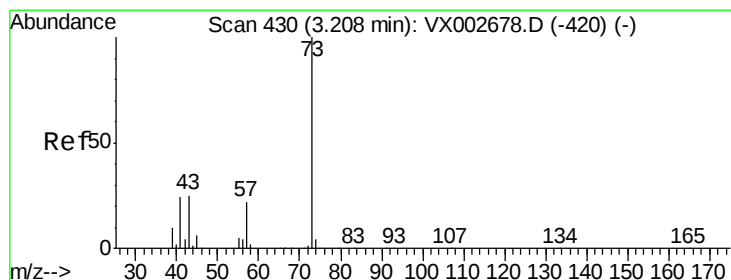
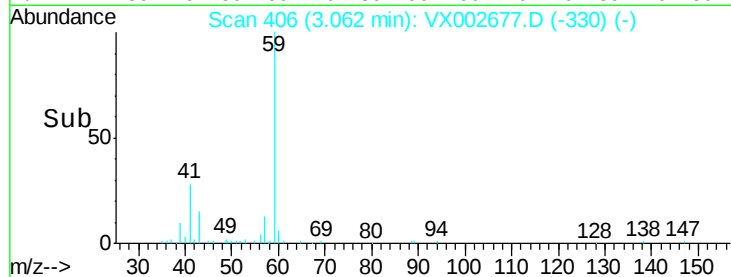
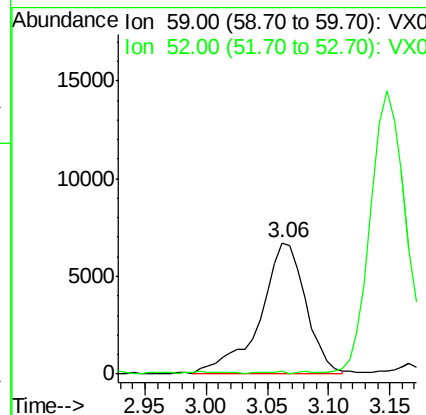
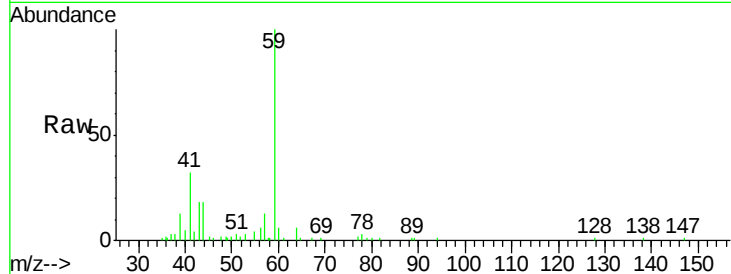
tert-Butyl Alcohol
Concen: 21.51 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.04 min
Lab File: VX002677.D
Acq: 18 Jun 2018 12:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	59	52	Ratio	100	0.3	Resp	17537	Lower	0.2	Upper	0.2#
Ion	59	52	Ratio	100	0.3	Resp	17537	Lower	0.2	Upper	0.2#

Manual Integrations
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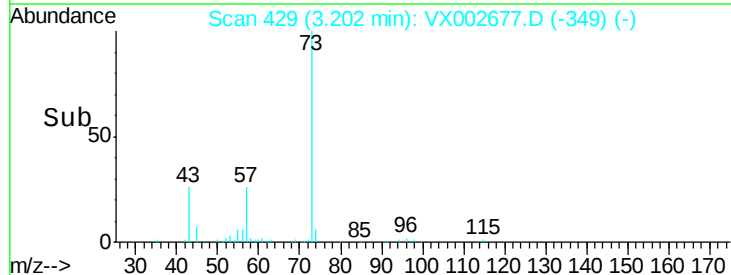
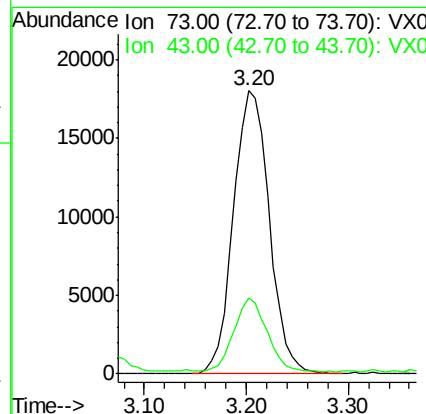
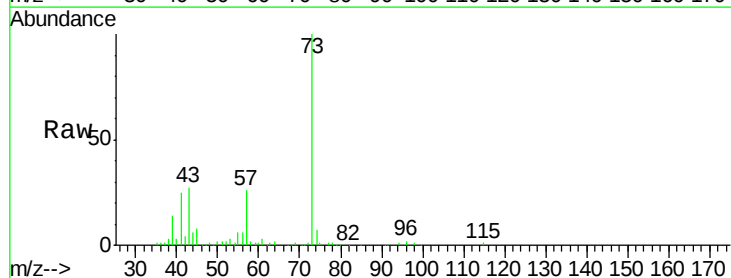
MMDadoda
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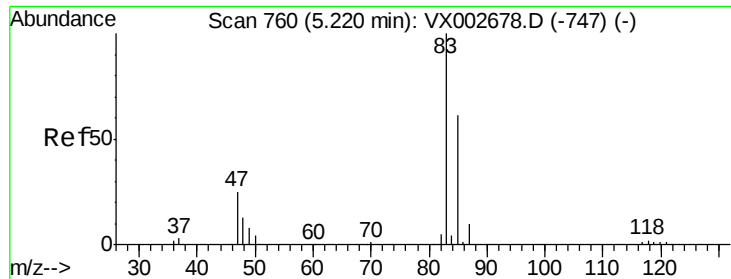


#24

Methyl tert-Butyl Ether
Concen: 4.79 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX002677.D
Acq: 18 Jun 2018 12:44

Tgt Ion	73	43	Ratio	100	23.8	Resp	44089	Lower	19.0	Upper	28.4
Ion	73	43	Ratio	100	23.8	Resp	44089	Lower	19.0	Upper	28.4





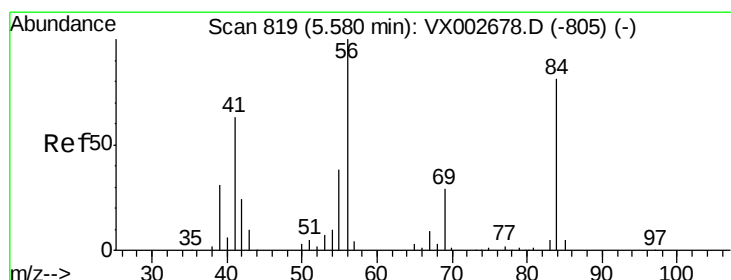
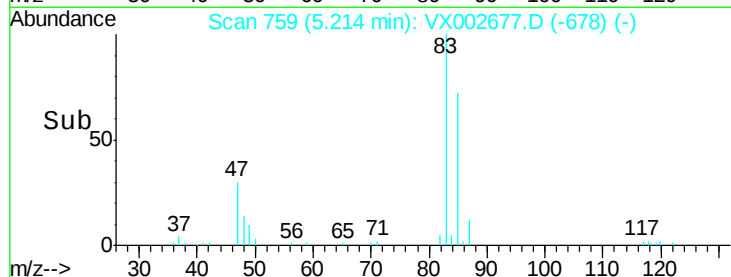
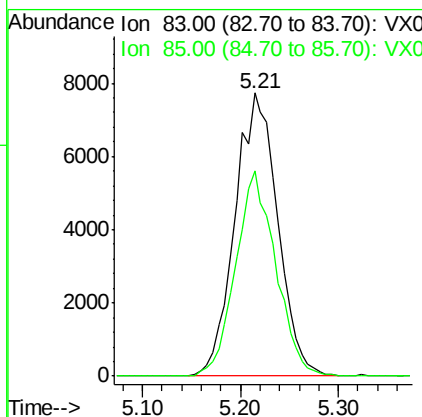
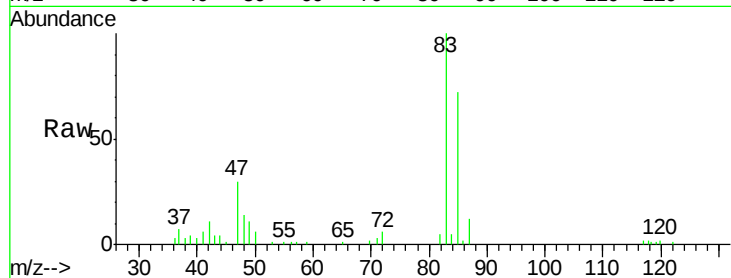
#25
Chloroform
Concen: 4.51 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX002677.D
Acq: 18 Jun 2018 12:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	83	Resp	23449
Ion Ratio	100	Lower	Upper
85	72.4	51.9	77.9

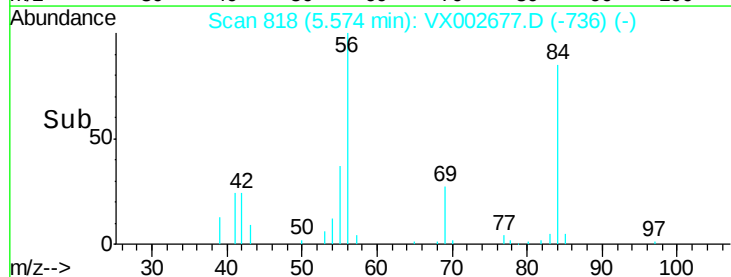
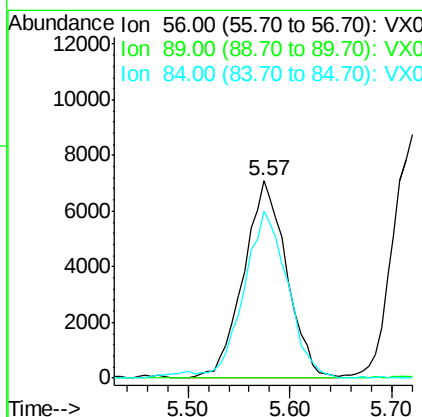
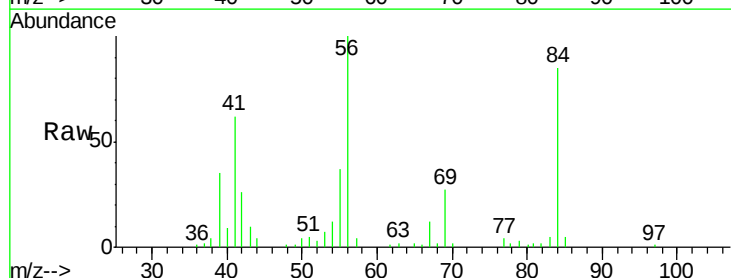
Manual Integrations
APPROVED

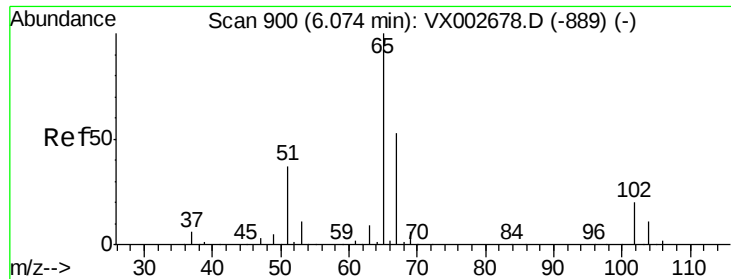
MMDadoda
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#26
Cyclohexane
Concen: 4.58 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX002677.D
Acq: 18 Jun 2018 12:44

Tgt Ion	56	Resp	20842
Ion Ratio	100	Lower	Upper
89	0.5	0.1	0.1#
84	85.3	64.9	97.3





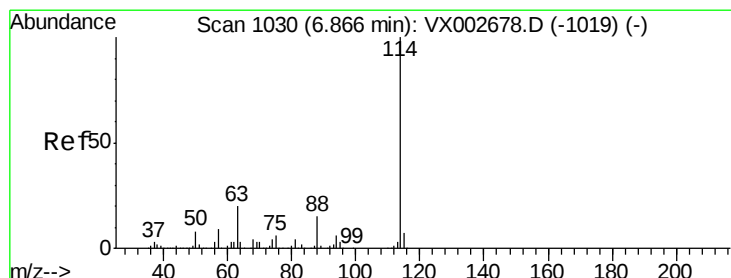
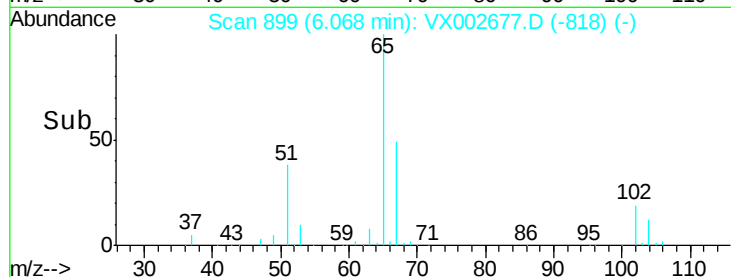
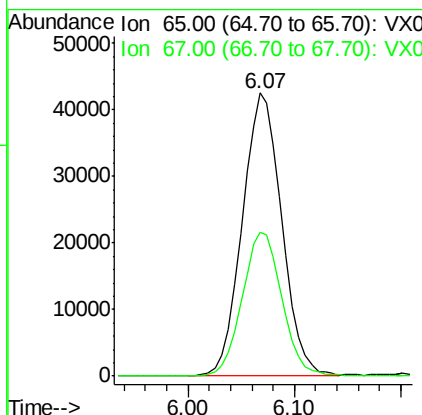
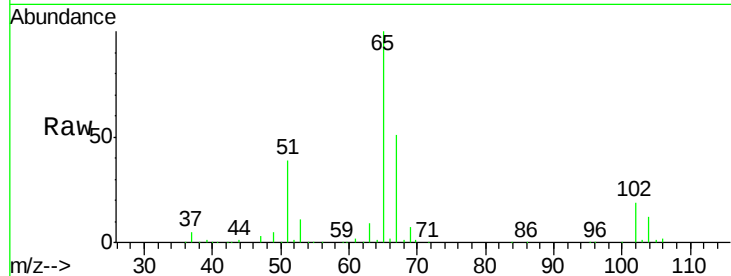
#27
 1,2-Dichloroethane-d4
 Concen: 29.66 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX002677.D
 Acq: 18 Jun 2018 12:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
65	100	110589		
67	51.1	40.9	61.3	

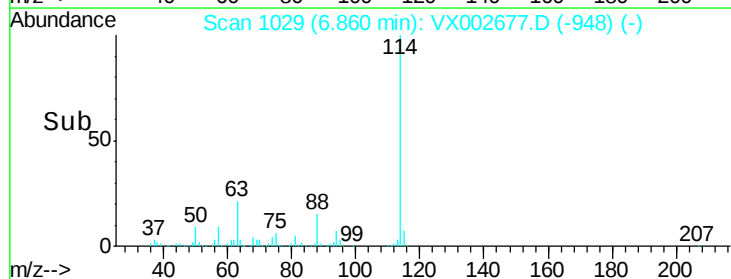
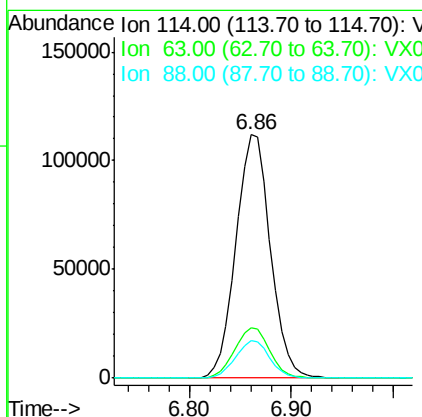
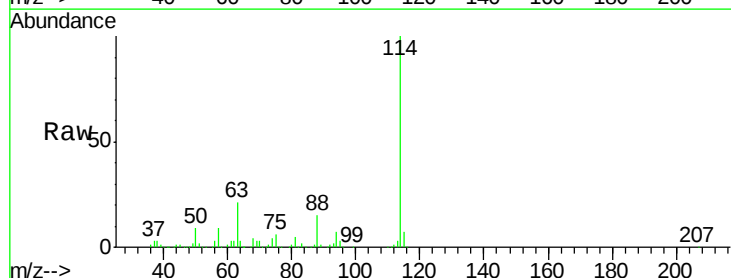
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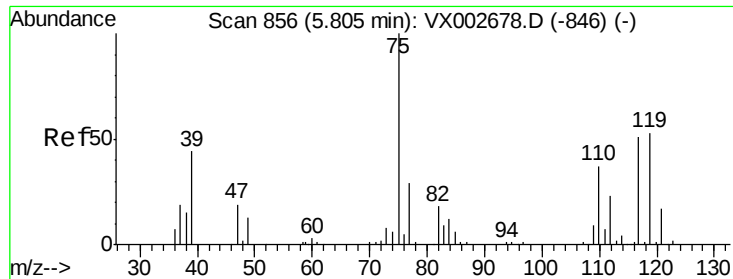
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#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX002677.D
 Acq: 18 Jun 2018 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	263503		
63	20.8	17.1	25.7	
88	15.2	12.6	19.0	





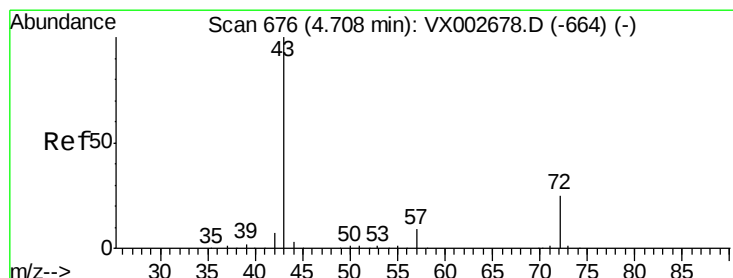
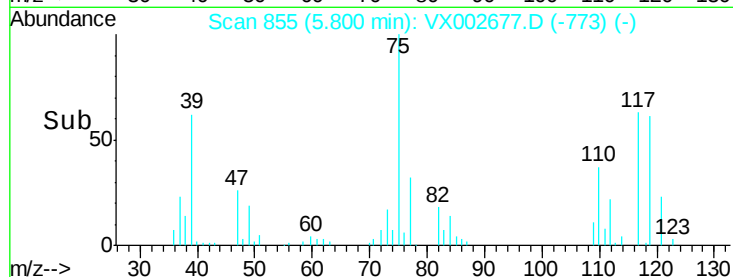
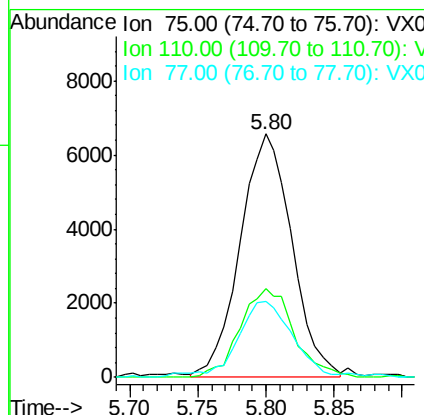
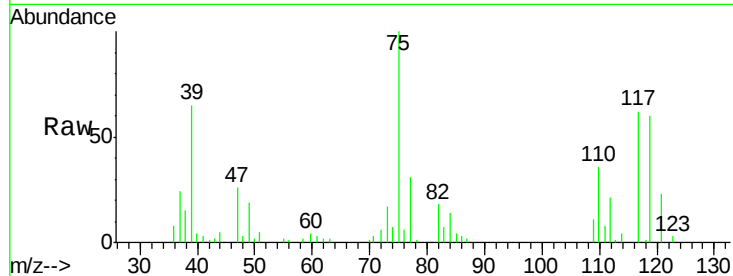
#29
 1,1-Dichloropropene
 Concen: 4.74 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX002677.D
 Acq: 18 Jun 2018 12:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
110	37.8	0.0	71.4
77	32.5	0.0	60.6

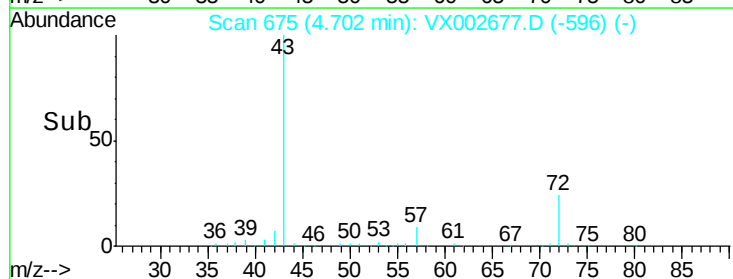
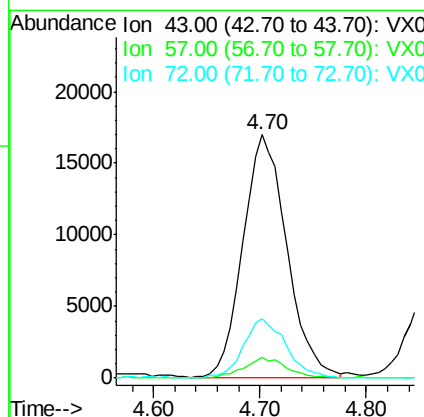
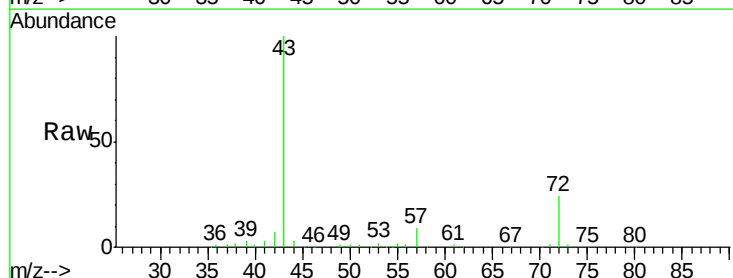
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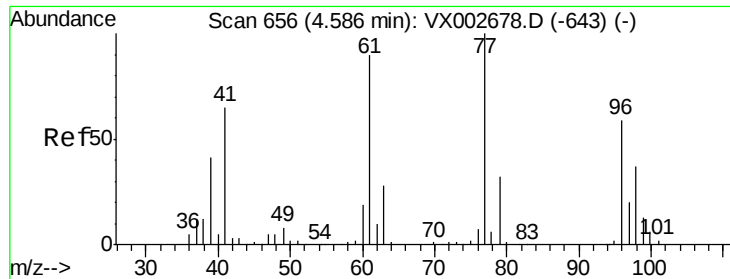
MMDadoda
 6/19/2018 1:05:26 PM



#30
 2-Butanone
 Concen: 19.01 ug/l
 RT: 4.70 min Scan# 675
 Delta R.T. -0.02 min
 Lab File: VX002677.D
 Acq: 18 Jun 2018 12:44

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.3	6.1	9.1
72	23.9	18.1	27.1





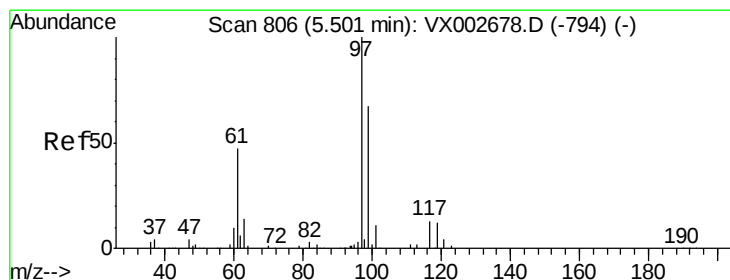
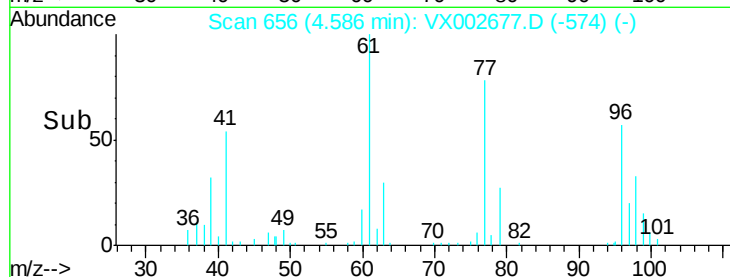
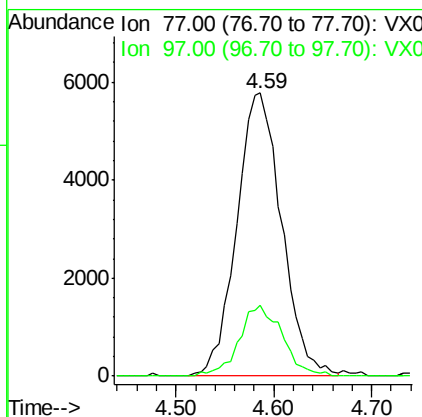
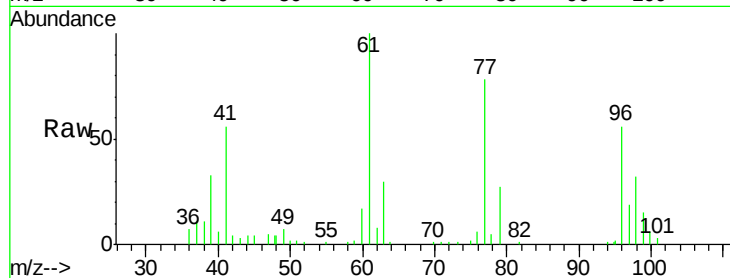
#31
 2,2-Dichloropropane
 Concen: 5.68 ug/l
 RT: 4.59 min Scan# 656
 Delta R.T. -0.00 min
 Lab File: VX002677.D
 Acq: 18 Jun 2018 12:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion: 77 Resp: 18401
 Ion Ratio Lower Upper
 77 100
 97 24.1 18.7 28.1

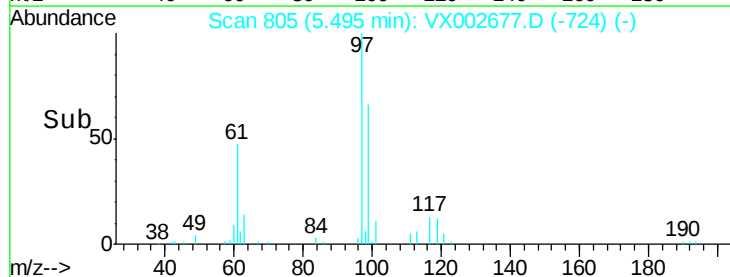
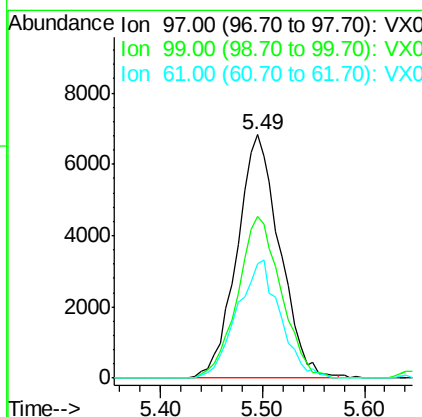
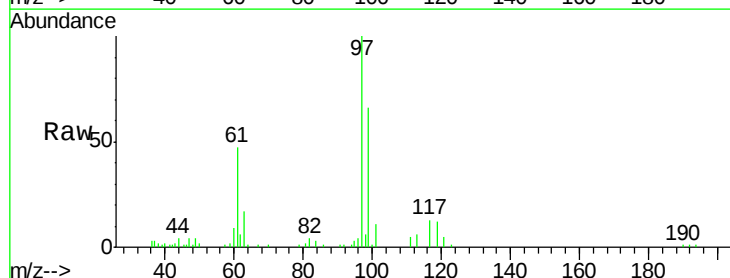
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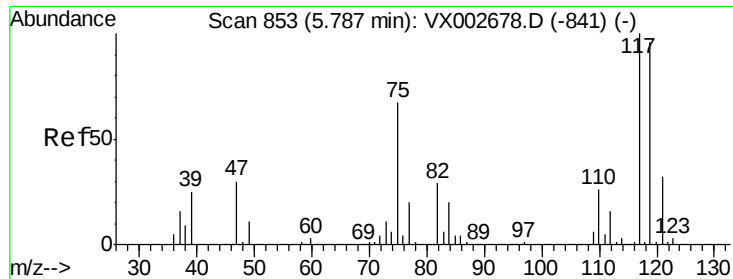
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#32
 1,1,1-Trichloroethane
 Concen: 4.12 ug/l
 RT: 5.49 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX002677.D
 Acq: 18 Jun 2018 12:44

Tgt Ion: 97 Resp: 19859
 Ion Ratio Lower Upper
 97 100
 99 67.3 51.7 77.5
 61 48.8 36.4 54.6





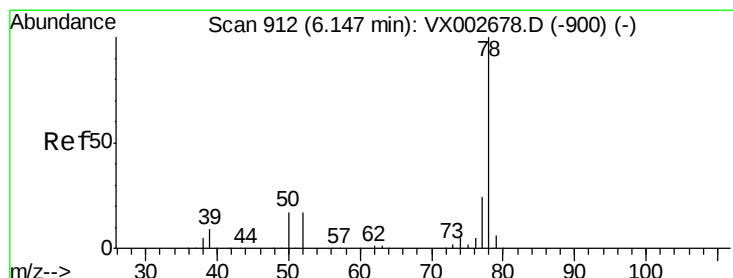
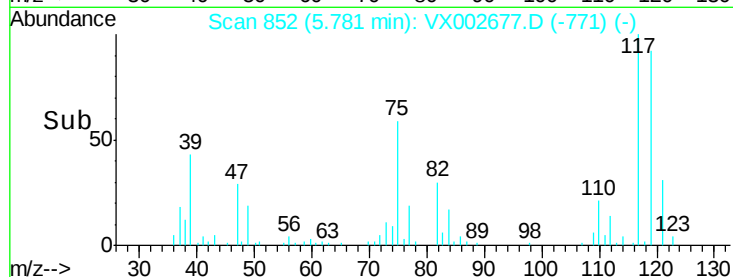
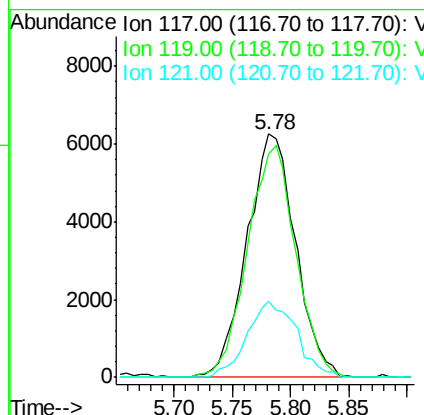
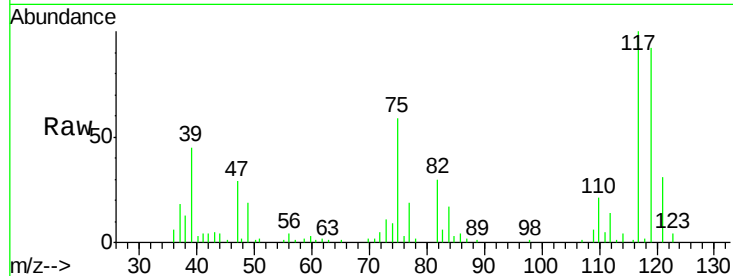
#33
Carbon Tetrachloride
Concen: 4.14 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX002677.D
Acq: 18 Jun 2018 12:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
117	100		
119	91.8	73.3	109.9
121	31.3	23.6	35.4

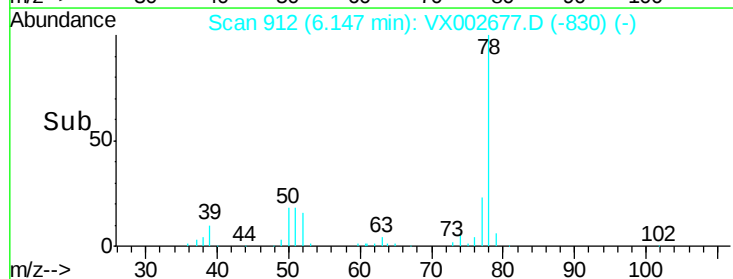
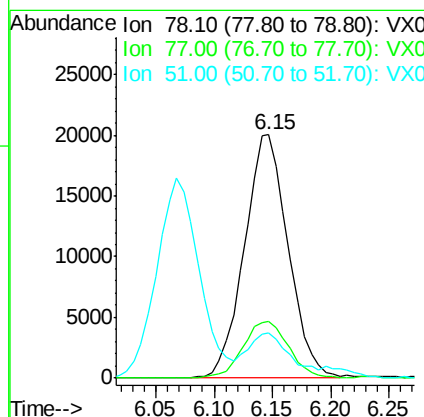
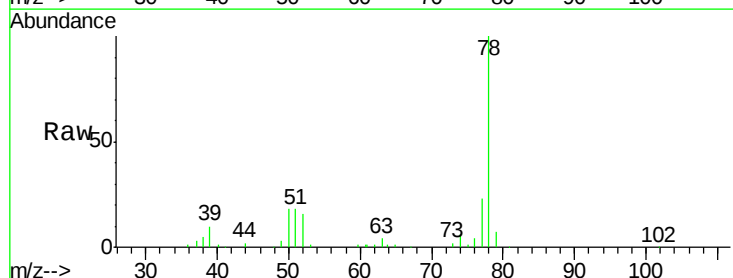
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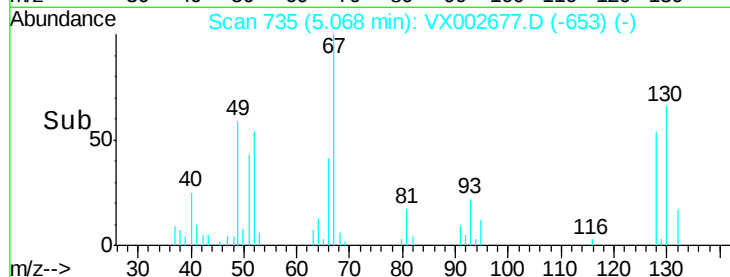
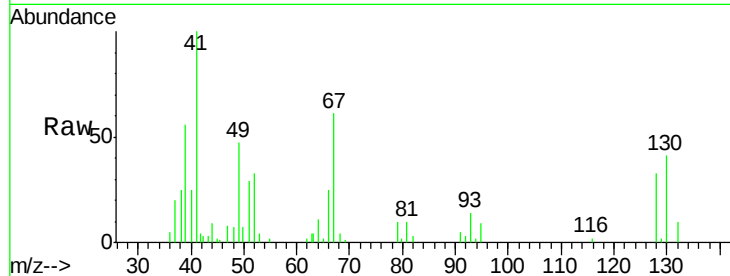
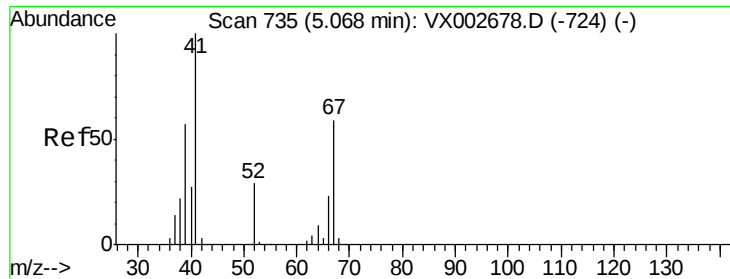
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#34
Benzene
Concen: 4.70 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002677.D
Acq: 18 Jun 2018 12:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.4	29.0
51	14.8	13.8	20.6





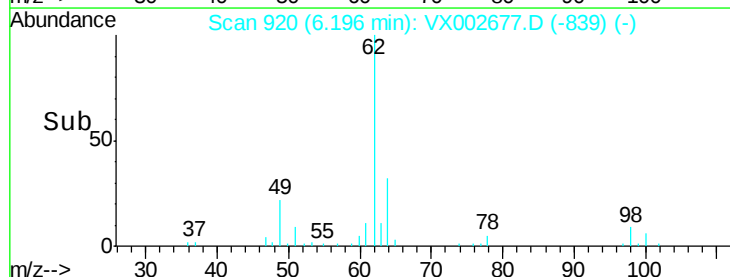
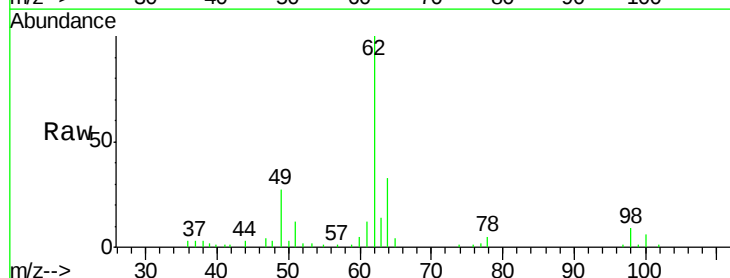
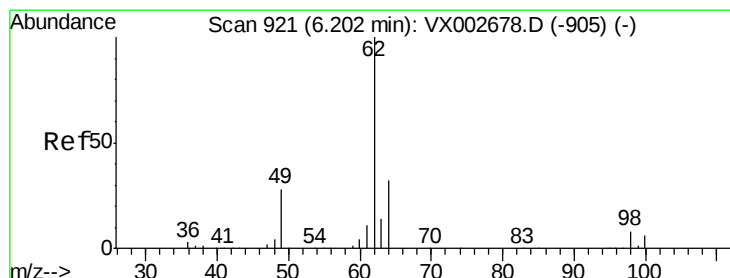
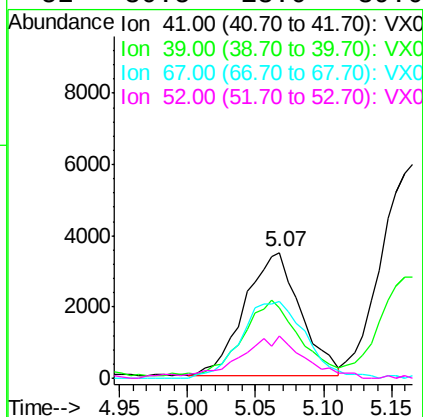
#35
Methacrylonitrile
Concen: 3.46 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002677.D
Acq: 18 Jun 2018 12:44

Tot Ion:	41	Resp:	9853
Ion	Ratio	Lower	Upper
41	100		
39	53.4	28.8	86.5
67	62.7	30.4	91.2
52	30.5	13.0	39.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

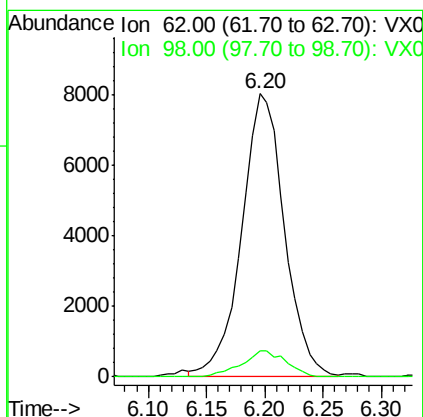
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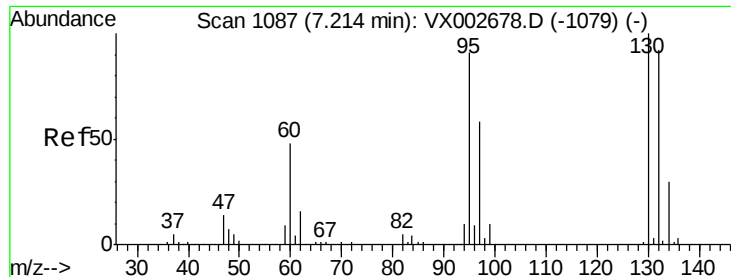
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#36
1,2-Dichloroethane
Concen: 4.75 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.01 min
Lab File: VX002677.D
Acq: 18 Jun 2018 12:44

Tgt Ion:	62	Resp:	20615
Ion	Ratio	Lower	Upper
62	100		
98	9.6	6.5	9.7





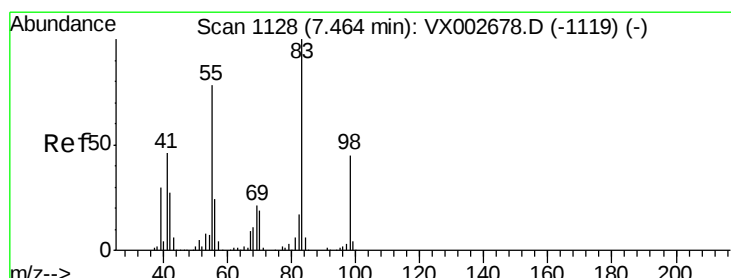
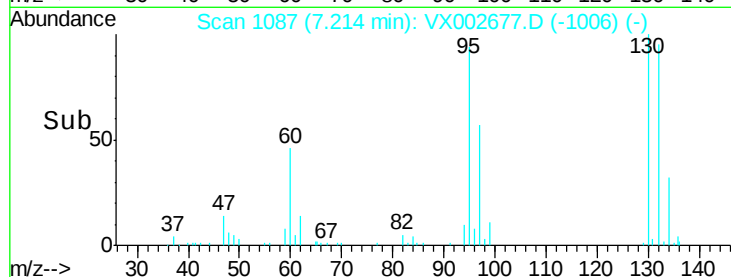
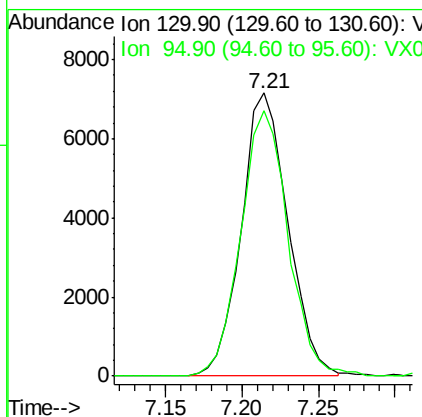
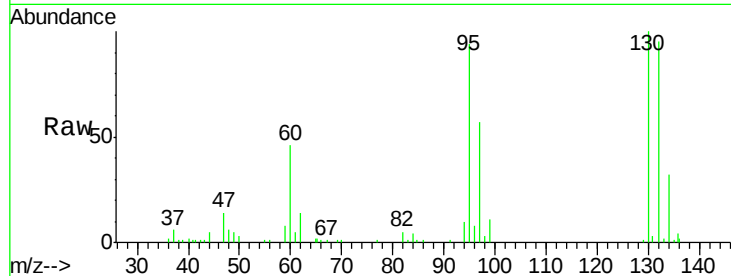
#37
 Trichloroethene
 Concen: 4.81 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX002677.D
 Acq: 18 Jun 2018 12:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:130 Resp: 15190
 Ion Ratio Lower Upper
 130 100
 95 93.6 81.5 122.3

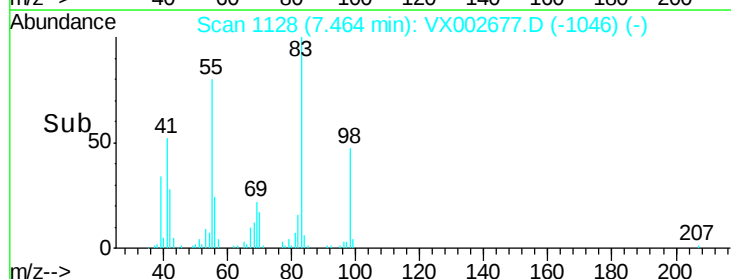
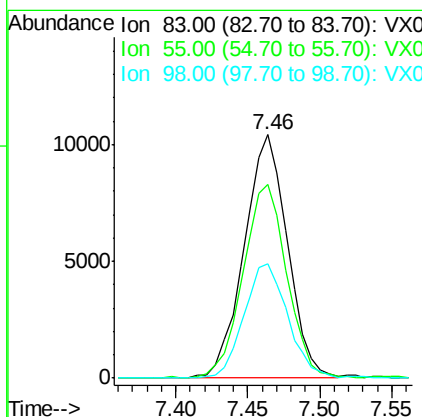
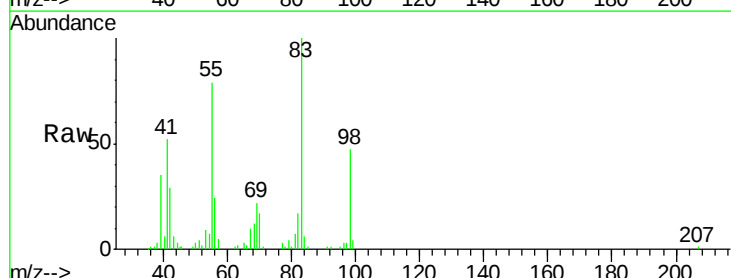
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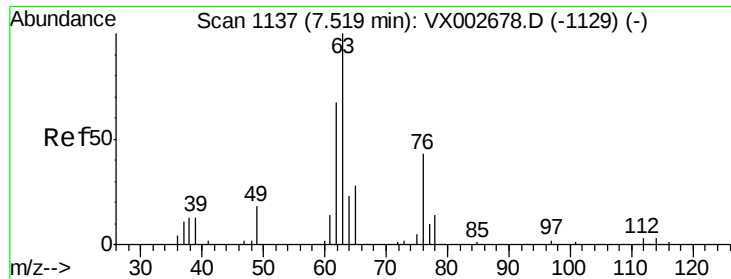
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#38
 Methylcyclohexane
 Concen: 5.04 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: VX002677.D
 Acq: 18 Jun 2018 12:44

Tgt Ion: 83 Resp: 21659
 Ion Ratio Lower Upper
 83 100
 55 80.6 40.6 121.8
 98 47.3 23.5 70.5





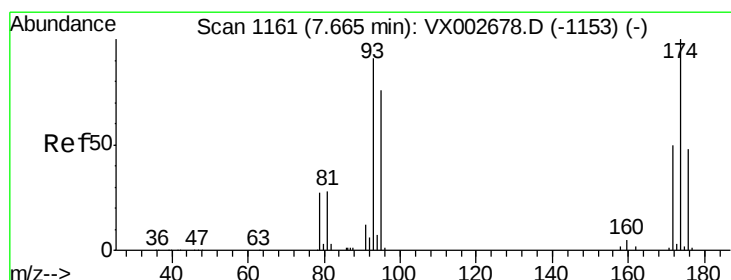
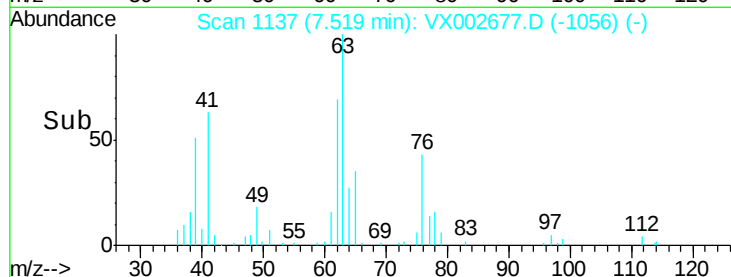
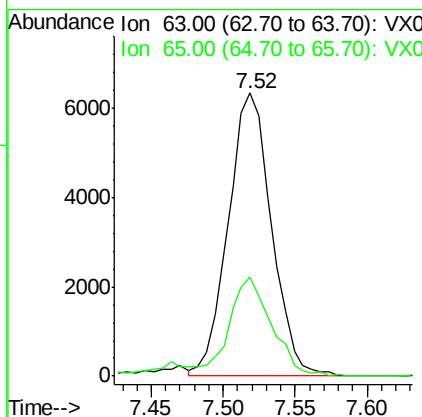
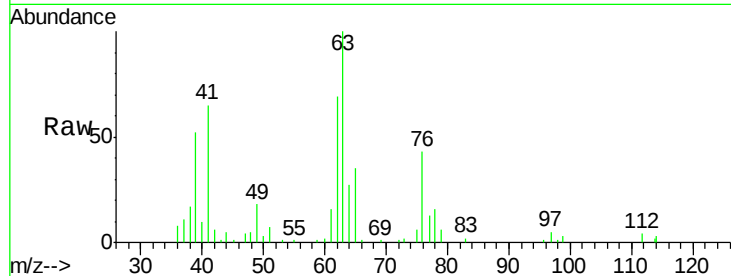
#39
 1,2-Dichloropropane
 Concen: 4.41 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX002677.D
 Acq: 18 Jun 2018 12:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
63	100		
65	34.1	23.3	34.9

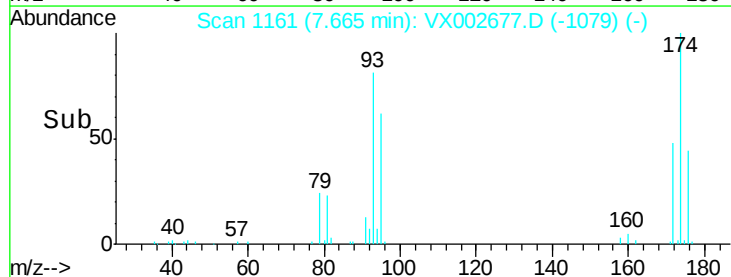
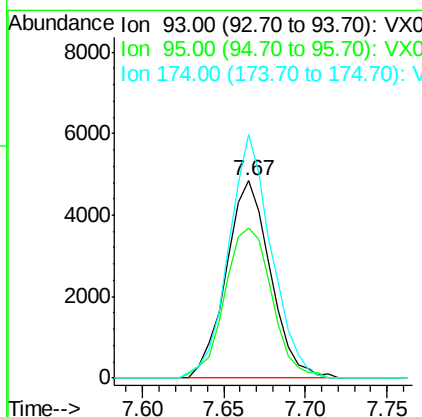
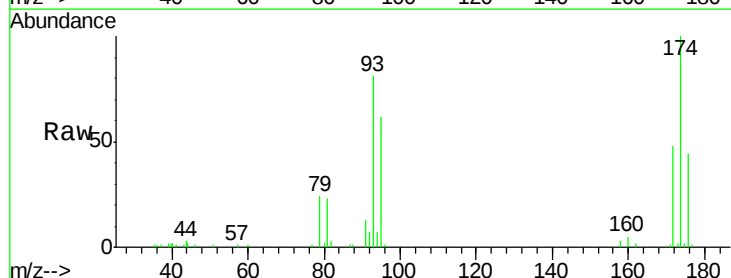
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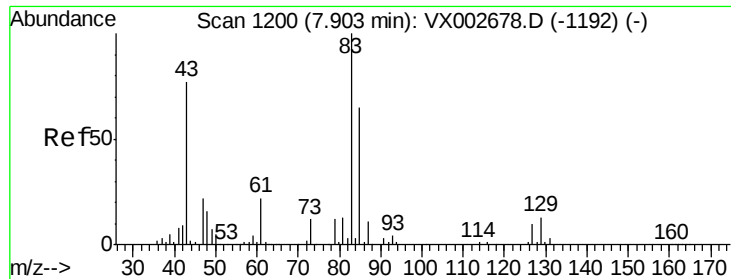
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#40
 Dibromomethane
 Concen: 4.53 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002677.D
 Acq: 18 Jun 2018 12:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	80.9	0.0	162.6
174	118.4	0.0	229.4





#41

Bromodichloromethane

Concen: 3.78 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002677.D

Acq: 18 Jun 2018 12:44

Instrument :

MSVOA_X

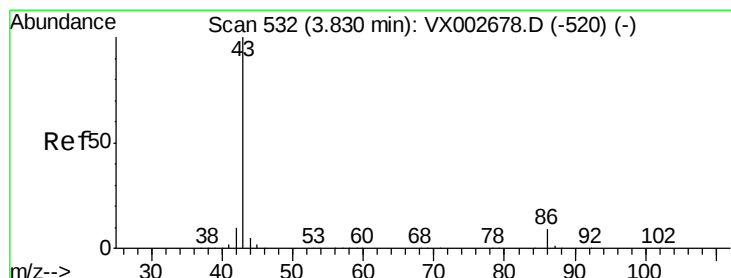
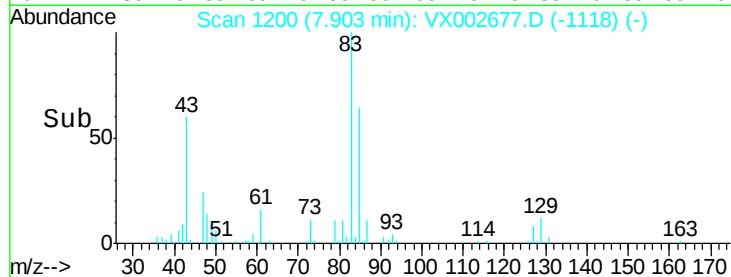
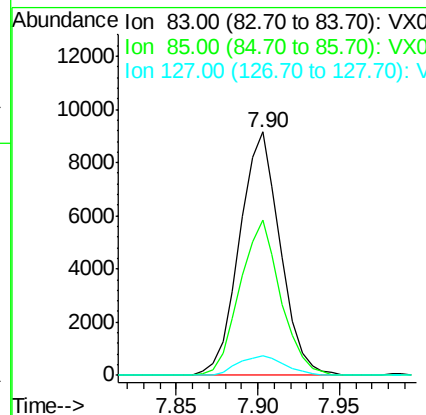
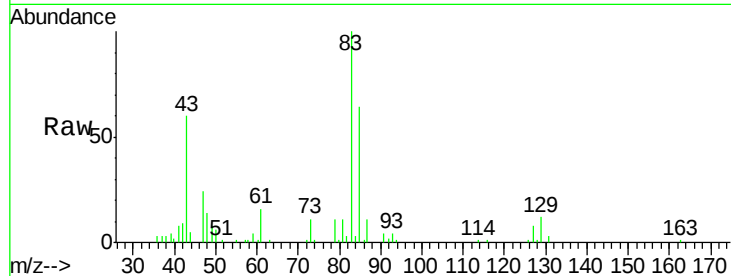
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	15851
Ion	Ratio	Lower	Upper
83	100		
85	63.9	49.8	74.8
127	8.0	7.3	10.9

Manual Integrations
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#42

Vinyl Acetate

Concen: 24.60 ug/l

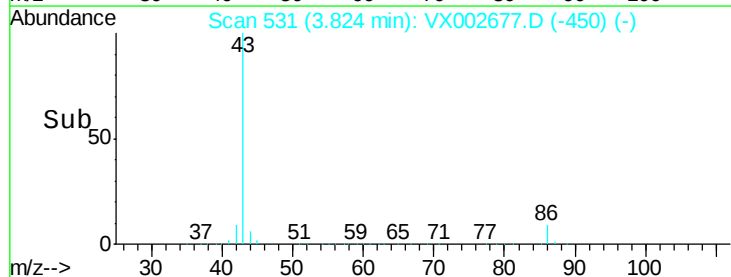
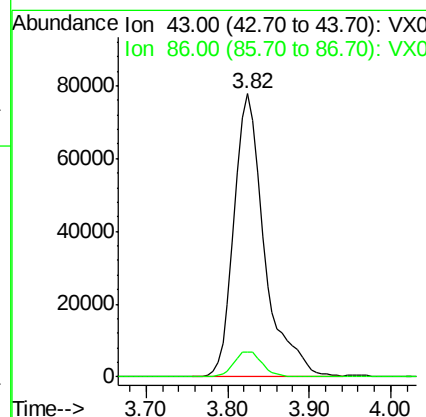
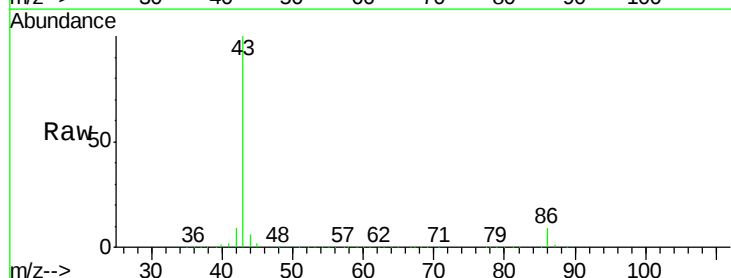
RT: 3.82 min Scan# 531

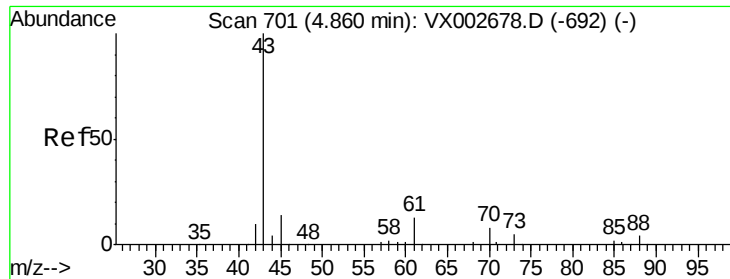
Delta R.T. -0.01 min

Lab File: VX002677.D

Acq: 18 Jun 2018 12:44

Tgt Ion:	43	Resp:	200115
Ion	Ratio	Lower	Upper
43	100		
86	8.3	6.7	10.1





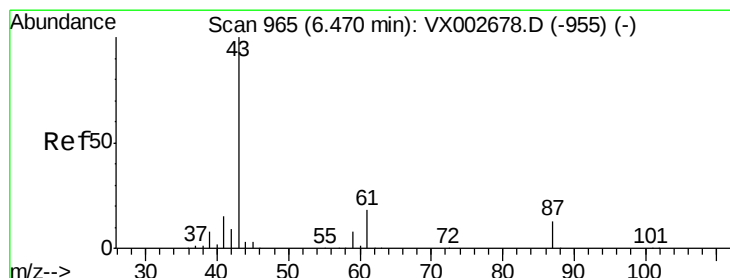
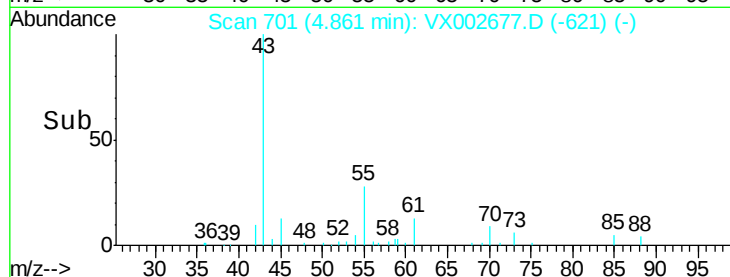
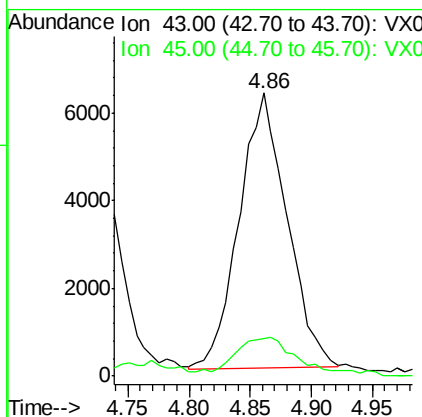
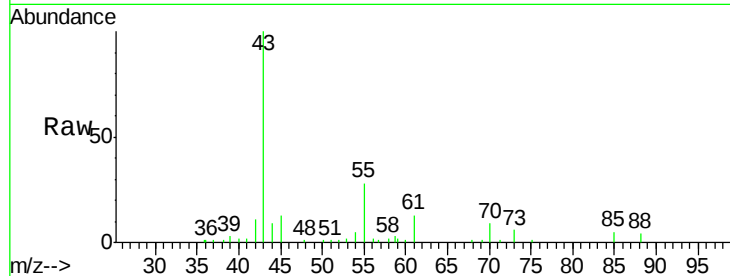
#43
Ethyl Acetate
Concen: 3.39 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX002677.D
Acq: 18 Jun 2018 12:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 17092
Ion Ratio Lower Upper
43 100
45 17.6 11.0 16.4#

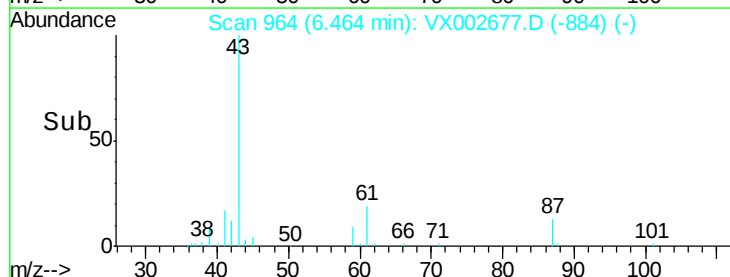
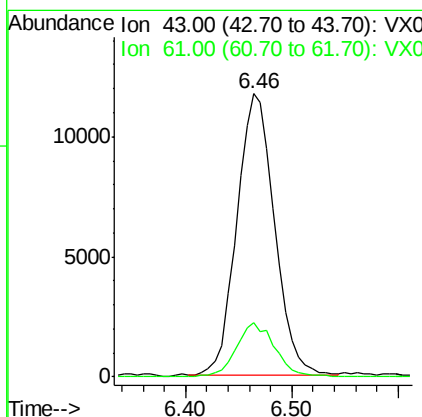
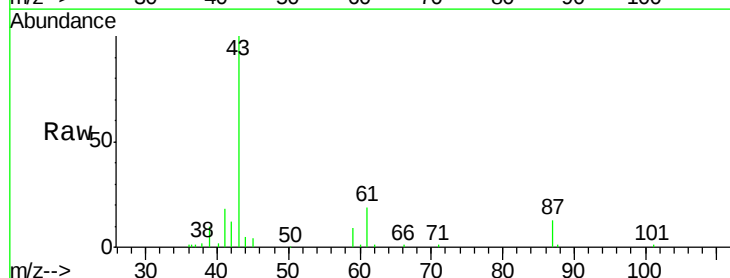
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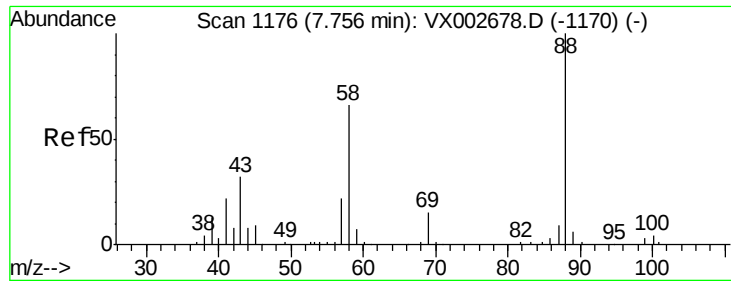
MMDadoda
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#44
Isopropyl Acetate
Concen: 3.47 ug/l
RT: 6.46 min Scan# 964
Delta R.T. -0.01 min
Lab File: VX002677.D
Acq: 18 Jun 2018 12:44

Tgt Ion: 43 Resp: 29088
Ion Ratio Lower Upper
43 100
61 19.7 14.5 21.7





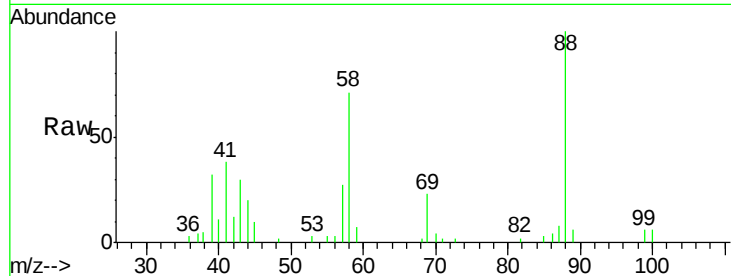
#45
1,4-Dioxane
Concen: 74.73 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.01 min
Lab File: VX002677.D
Acq: 18 Jun 2018 12:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

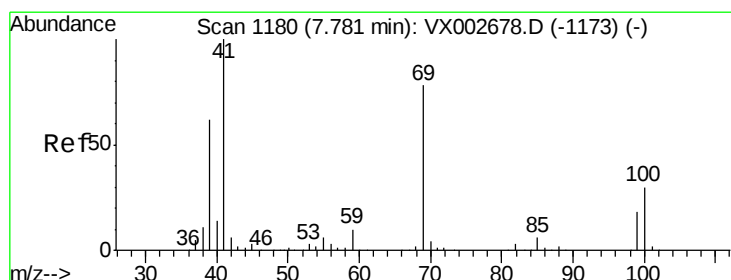
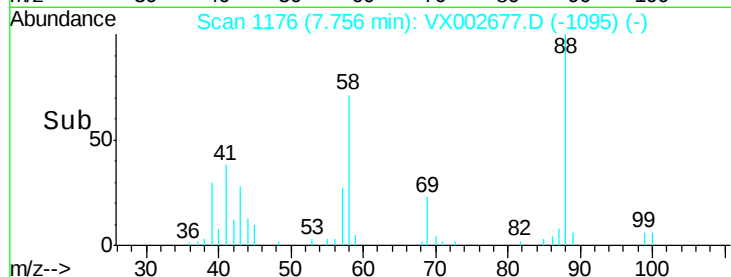
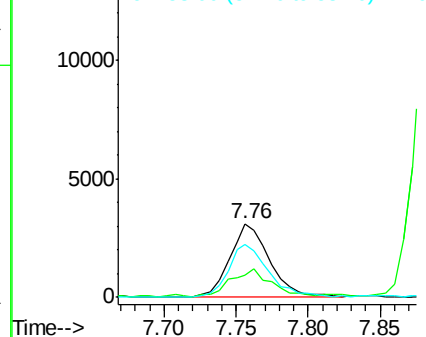
Tot Ion	Ratio	Lower	Upper
88	100		
43	41.0	43.2	64.8#
58	73.2	60.2	90.2

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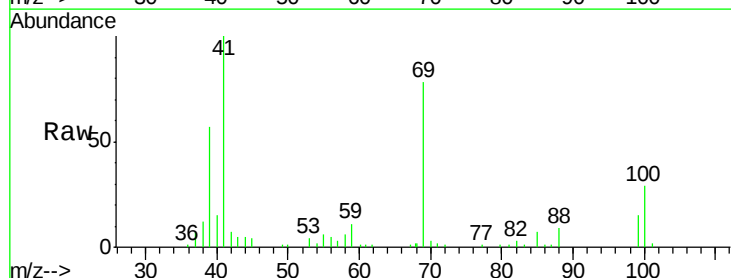


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

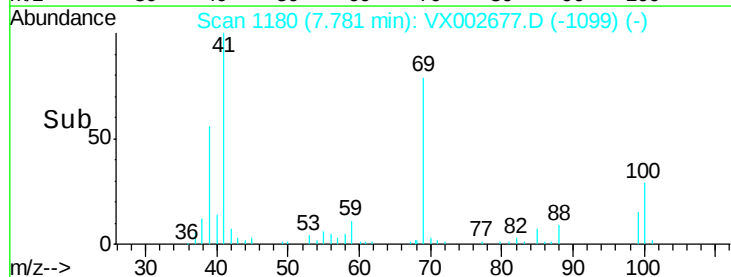
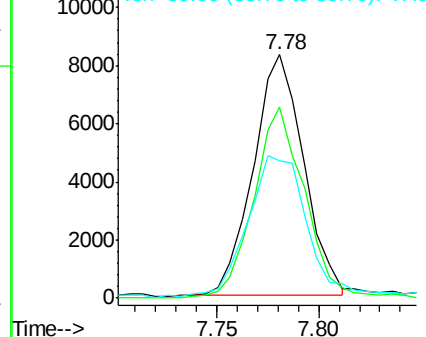


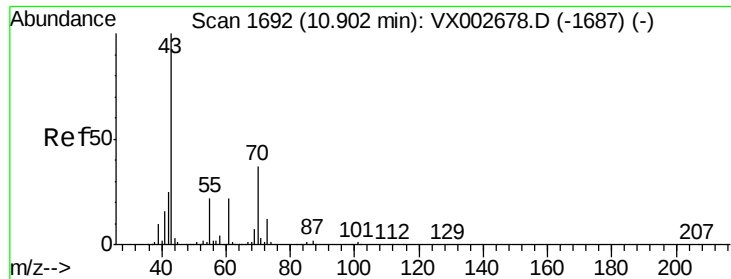
#46
Methyl methacrylate
Concen: 3.37 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. -0.01 min
Lab File: VX002677.D
Acq: 18 Jun 2018 12:44

Tgt Ion	Ratio	Lower	Upper
41	100		
69	78.6	37.0	110.9
39	55.5	29.6	88.9



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#47

n-amvl Acetate

Concen: 3.16 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX002677.D

Acq: 18 Jun 2018 12:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 24402

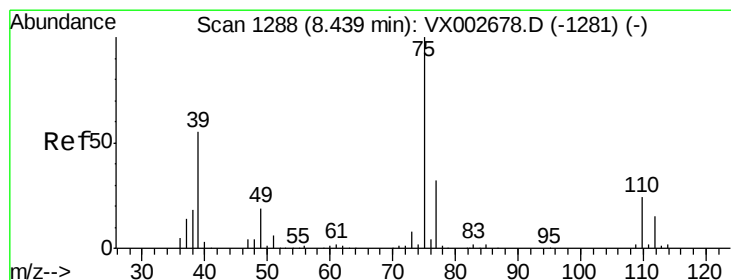
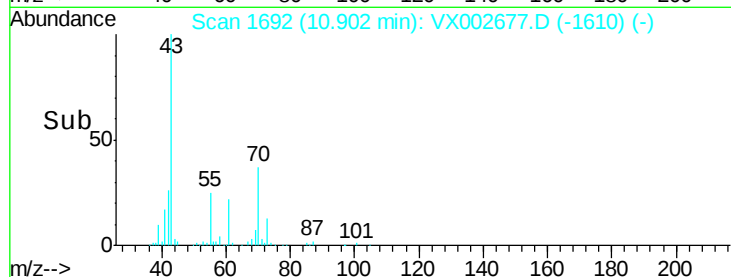
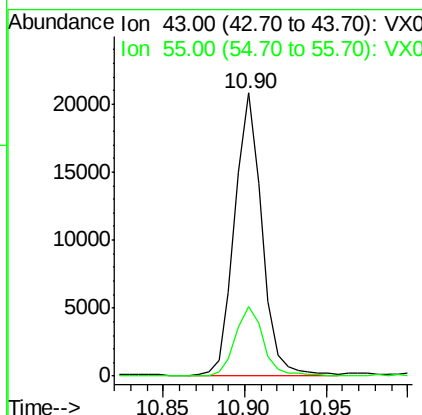
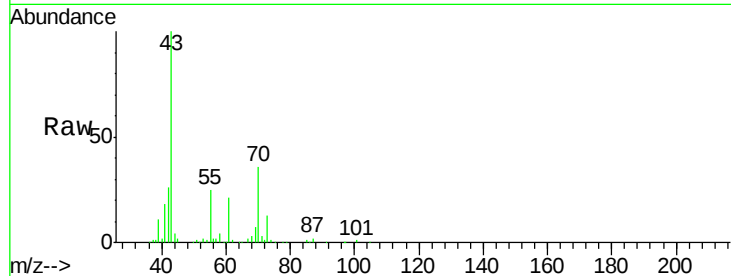
Ion Ratio Lower Upper

43 100

55 25.4 0.1 0.1#

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#48

t-1,3-Dichloropropene

Concen: 3.84 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002677.D

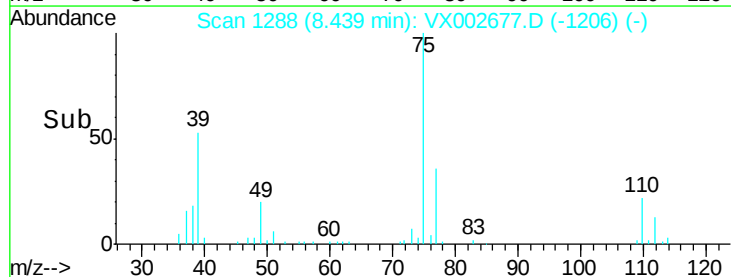
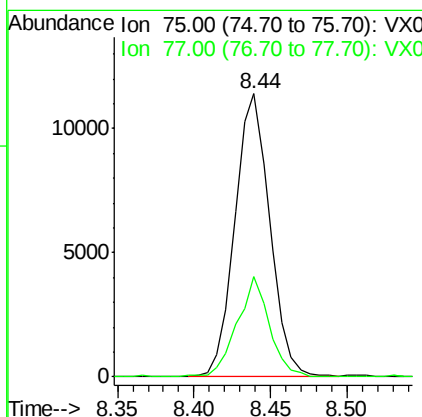
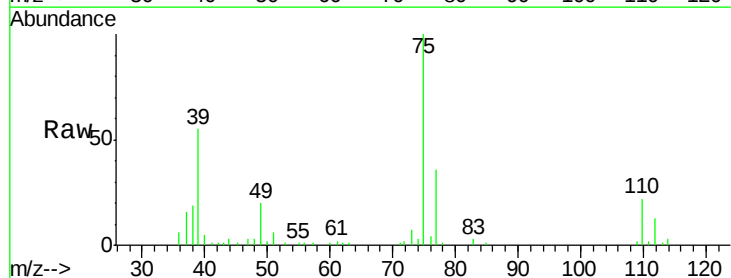
Acq: 18 Jun 2018 12:44

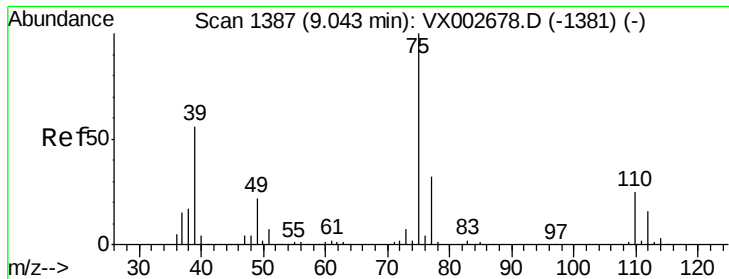
Tgt Ion: 75 Resp: 18088

Ion Ratio Lower Upper

75 100

77 35.6 25.6 38.4





#49

cis-1,3-Dichloropropene

Concen: 3.55 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX002677.D

Acq: 18 Jun 2018 12:44

Instrument :

MSVOA_X

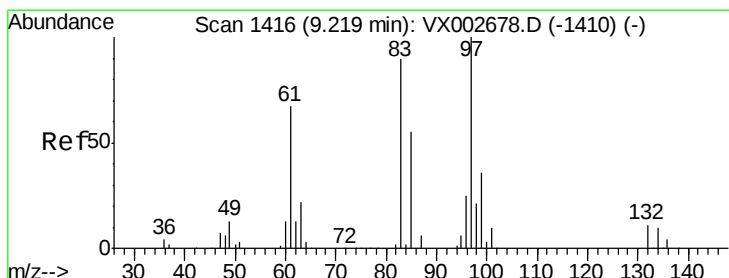
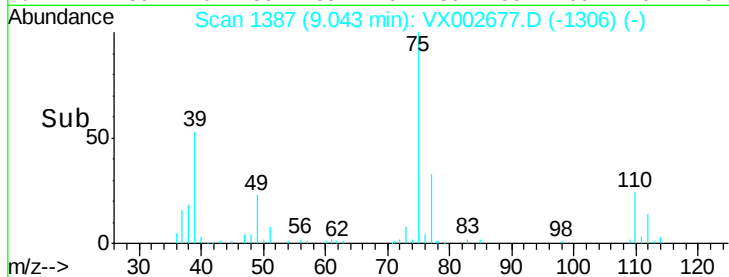
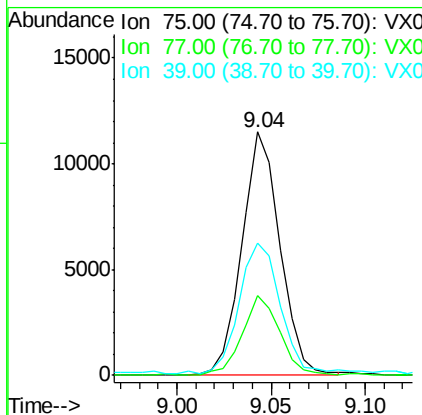
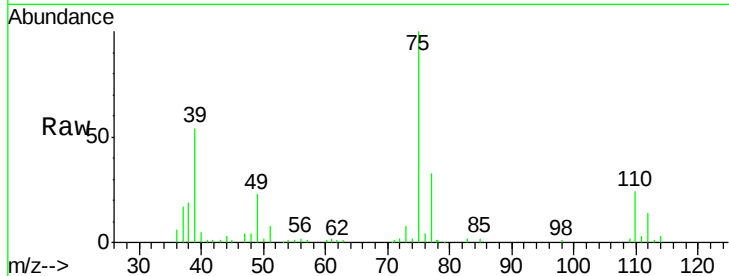
ClientSampleId :

VSTDIC005

Tot Ion:	75	Resp:	16193
Ion Ratio	Lower	Upper	
75	100		
77	32.9	25.4	38.2
39	52.7	42.3	63.5

Manual Integrations
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#50

1,1,2-Trichloroethane

Concen: 4.64 ug/l

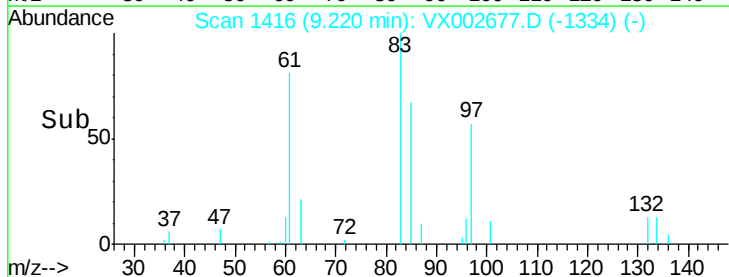
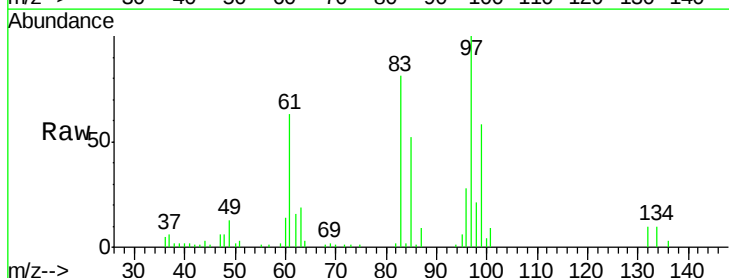
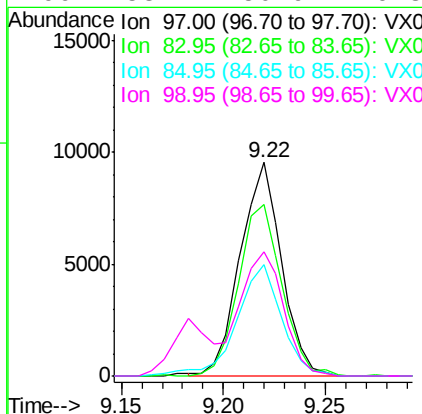
RT: 9.22 min Scan# 1416

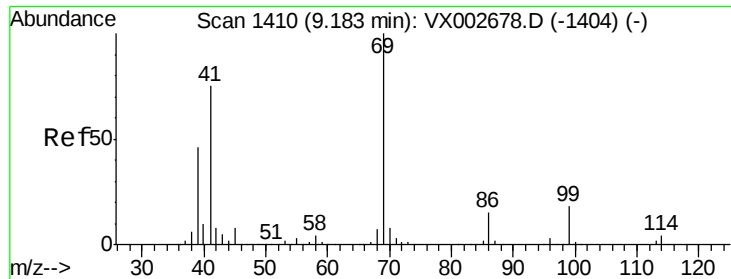
Delta R.T. -0.00 min

Lab File: VX002677.D

Acq: 18 Jun 2018 12:44

Tgt Ion:	97	Resp:	13440
Ion Ratio	Lower	Upper	
97	100		
83	80.6	70.8	106.2
85	52.1	43.5	65.3
99	58.4	50.9	76.3





#51

Ethyl methacrylate

Concen: 3.62 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX002677.D

Acq: 18 Jun 2018 12:44

Instrument :

MSVOA_X

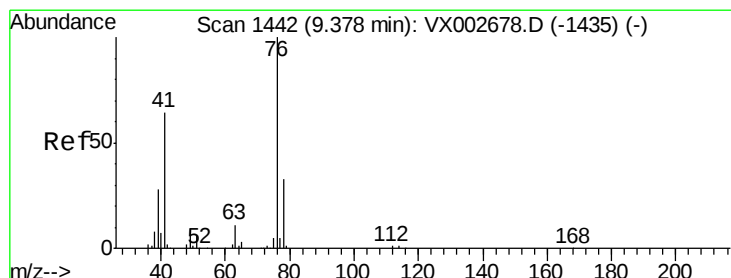
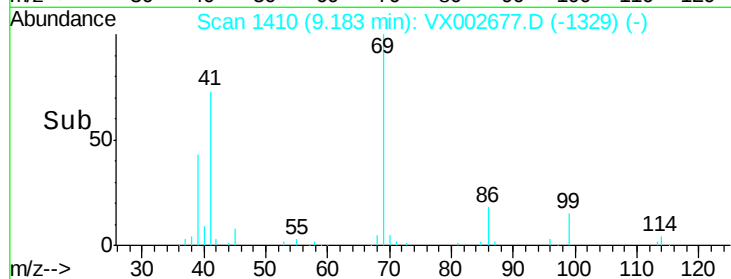
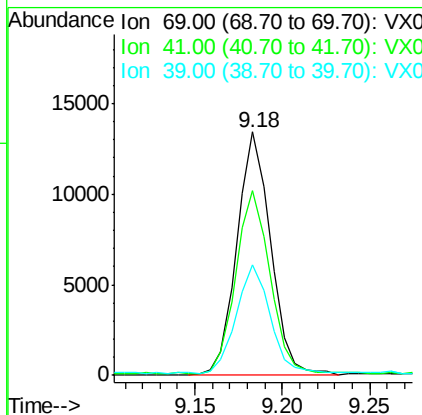
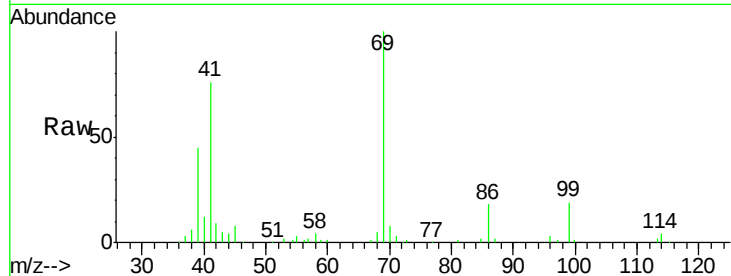
ClientSampleId :

VSTDIC005

Tot Ion:	69	Resp:	18161
Ion Ratio	Lower	Upper	
69	100		
41	75.0	39.1	117.3
39	44.2	21.7	65.1

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#52

1,3-Dichloropropane

Concen: 4.44 ug/l

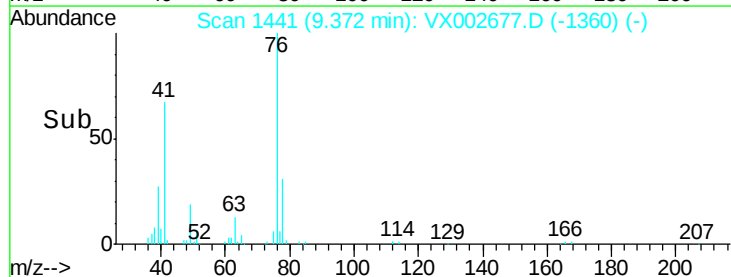
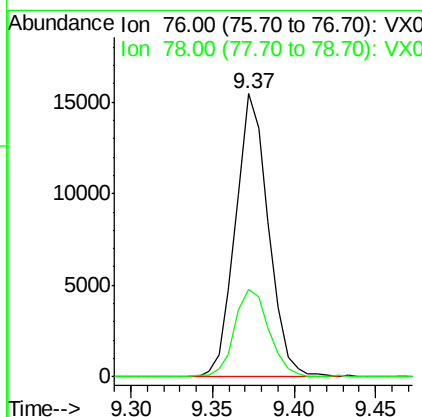
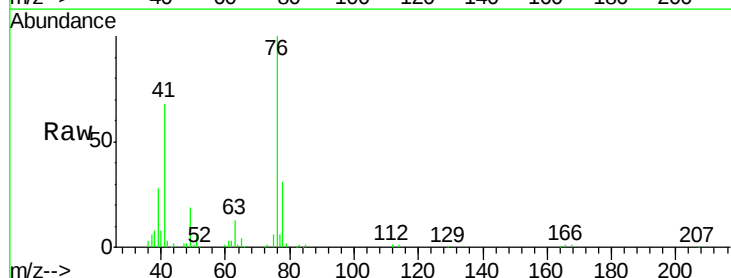
RT: 9.37 min Scan# 1441

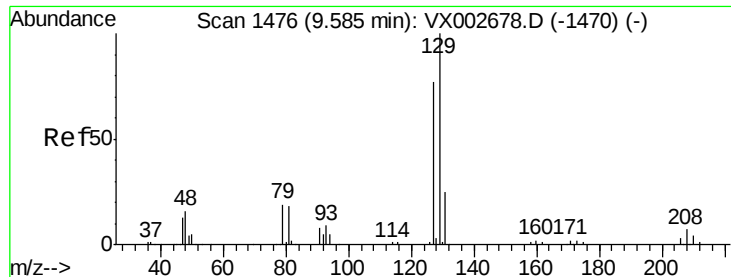
Delta R.T. -0.01 min

Lab File: VX002677.D

Acq: 18 Jun 2018 12:44

Tgt Ion:	76	Resp:	21734
Ion Ratio	Lower	Upper	
76	100		
78	32.8	0.0	63.4





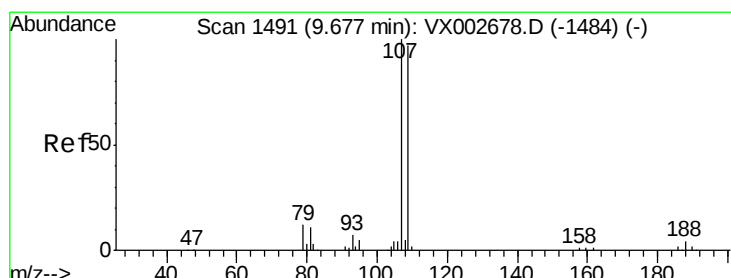
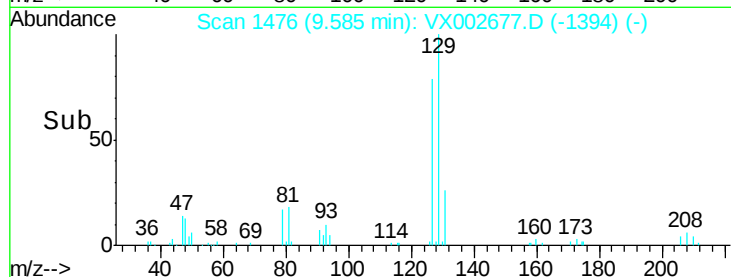
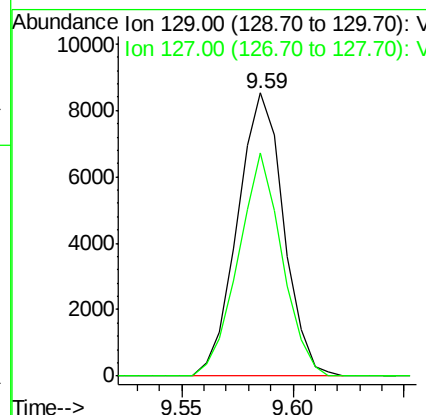
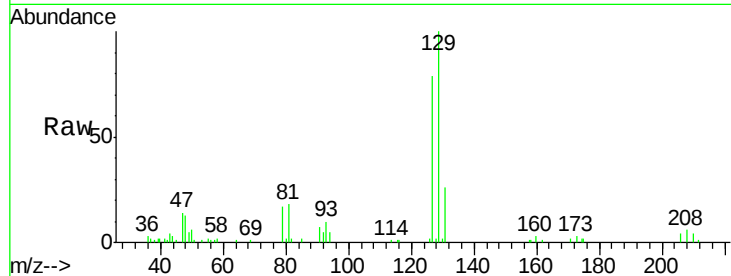
#53
 Dibromochloromethane
 Concen: 3.48 ug/l
 RT: 9.59 min Scan# 1476
 Delta R.T. -0.00 min
 Lab File: VX002677.D
 Acq: 18 Jun 2018 12:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
129	100		
127	74.7	38.5	115.3

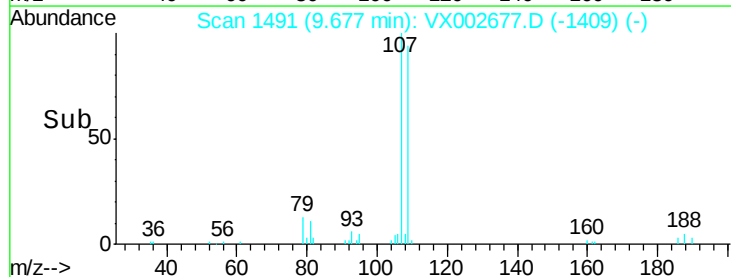
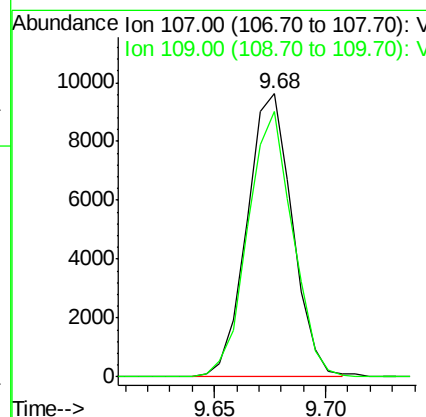
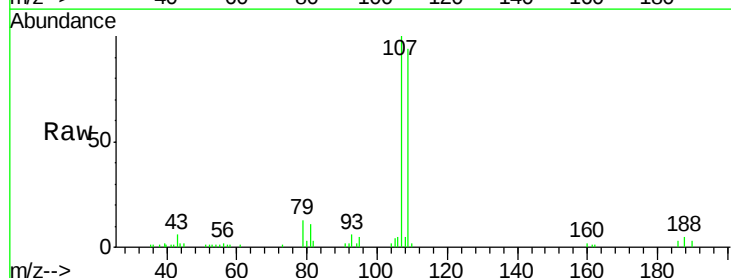
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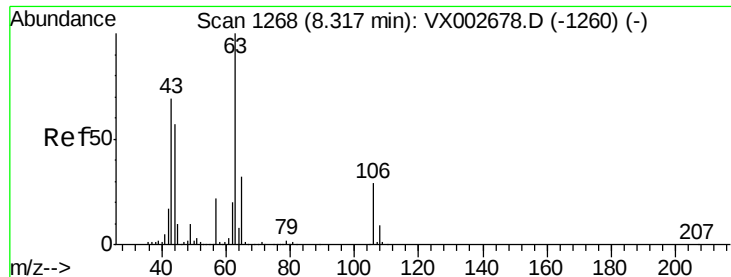
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#54
 1,2-Dibromoethane
 Concen: 4.36 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX002677.D
 Acq: 18 Jun 2018 12:44

Tgt Ion	Ratio	Lower	Upper
107	100		
109	92.9	75.5	113.3





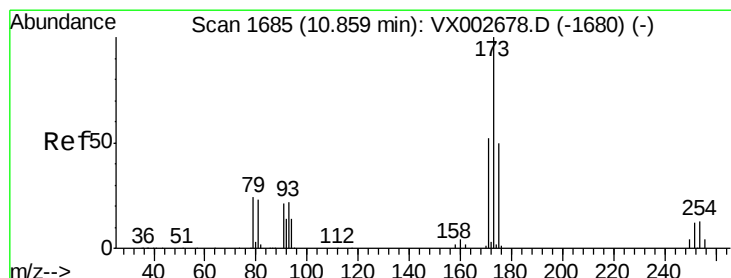
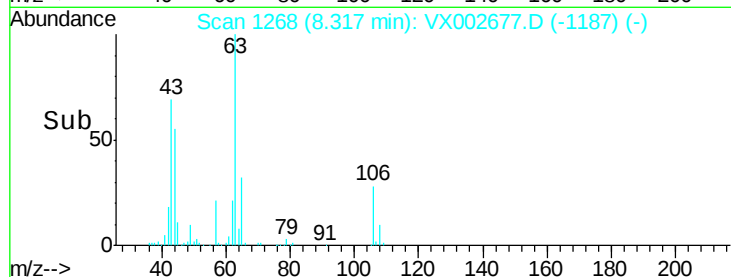
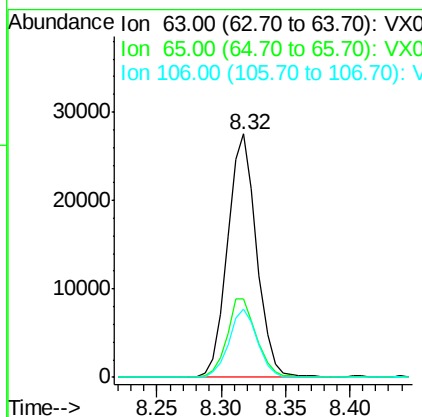
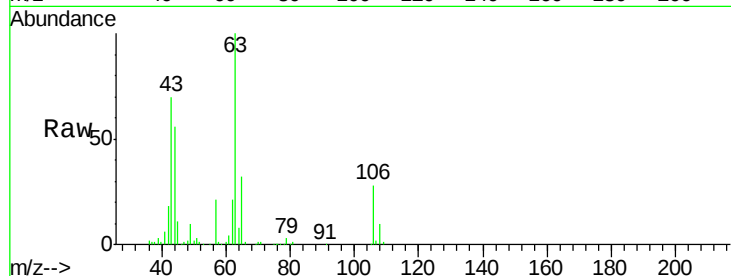
#55
2-Chloroethyl vinyl ether
Concen: 18.37 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. -0.01 min
Lab File: VX002677.D
Acq: 18 Jun 2018 12:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.7	25.6	38.4
106	27.4	21.6	32.4

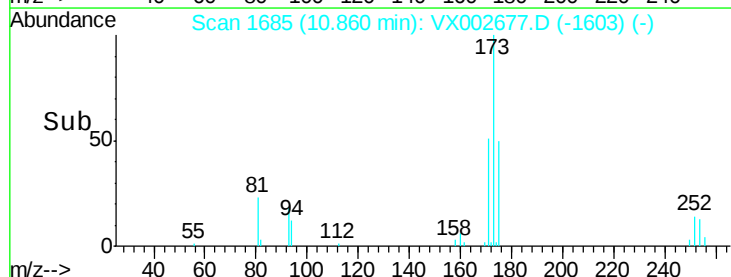
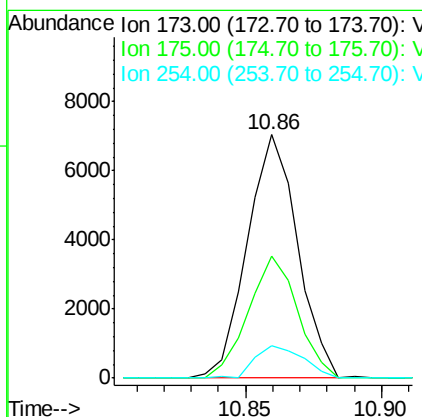
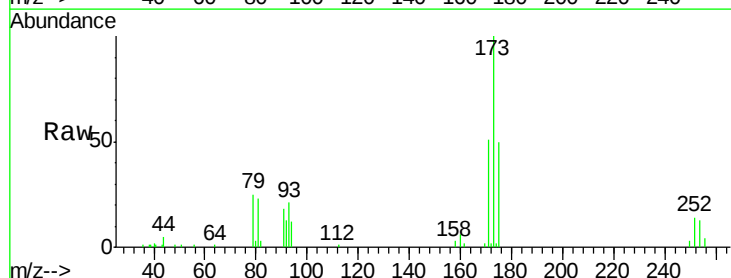
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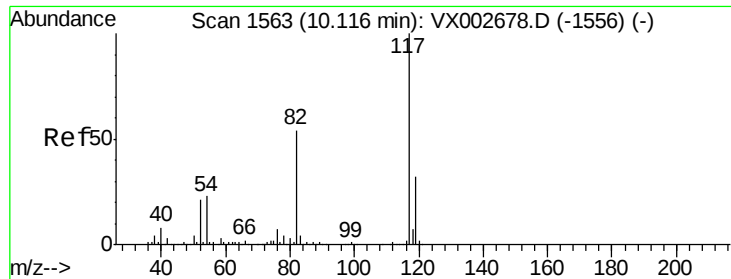
MMDadoda
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#56
Bromoform
Concen: 2.90 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX002677.D
Acq: 18 Jun 2018 12:44

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.9	39.0	58.4
254	12.5	9.6	14.4





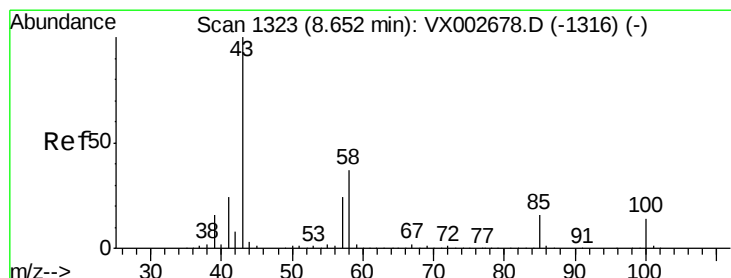
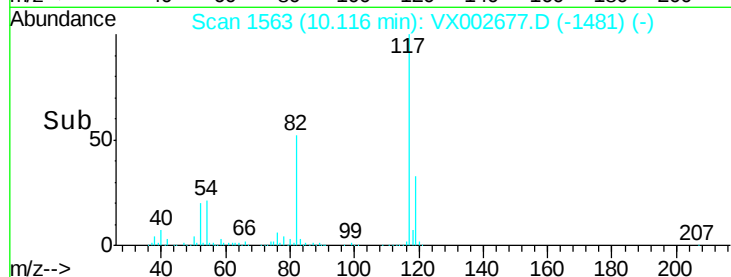
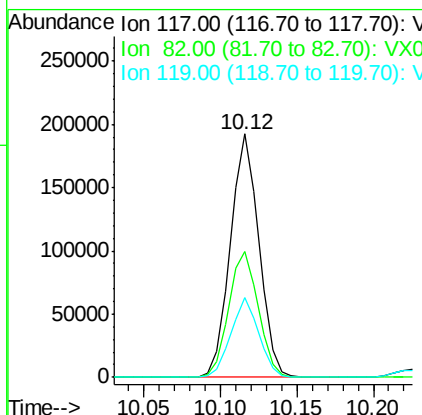
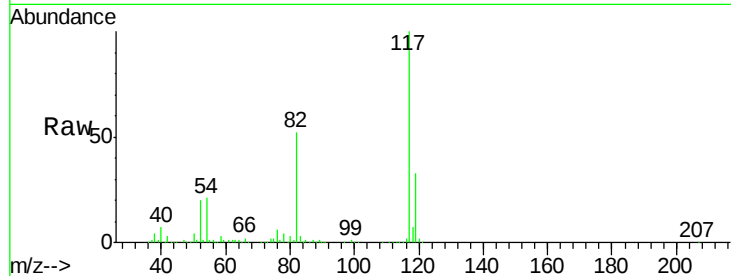
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002677.D
Acq: 18 Jun 2018 12:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	44.3	66.5
119	32.1	25.7	38.5

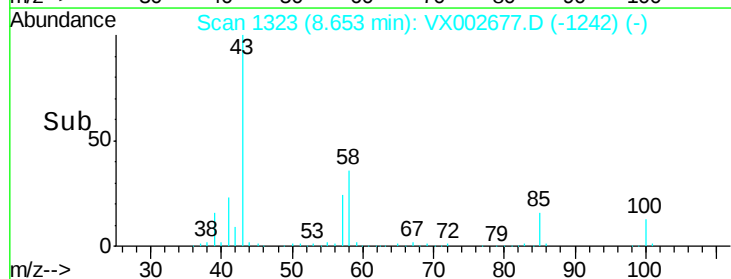
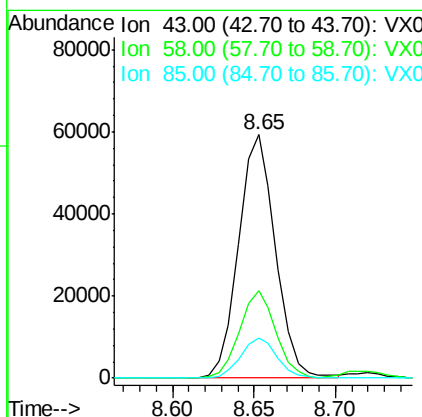
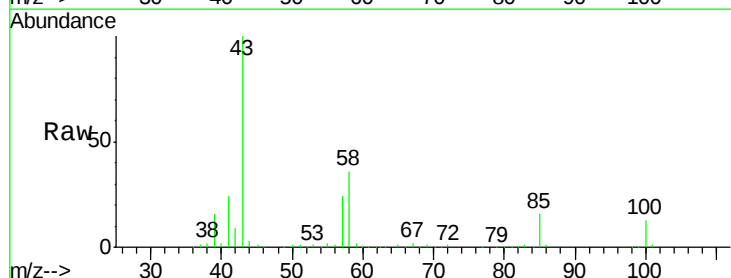
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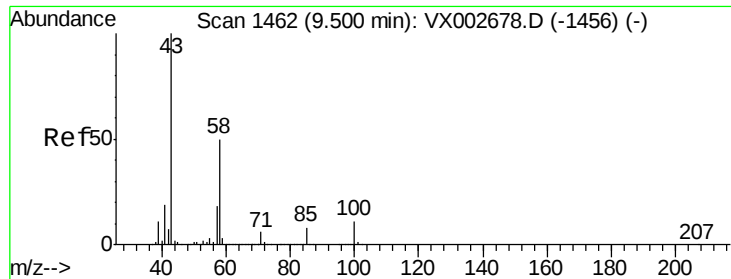
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 17.13 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX002677.D
Acq: 18 Jun 2018 12:44

Tgt Ion	Ratio	Lower	Upper
43	100		
58	35.3	28.2	42.4
85	16.5	12.4	18.6





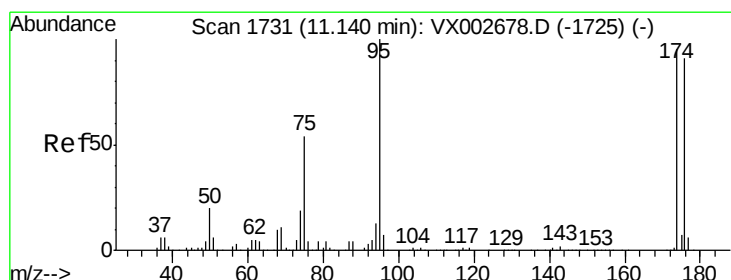
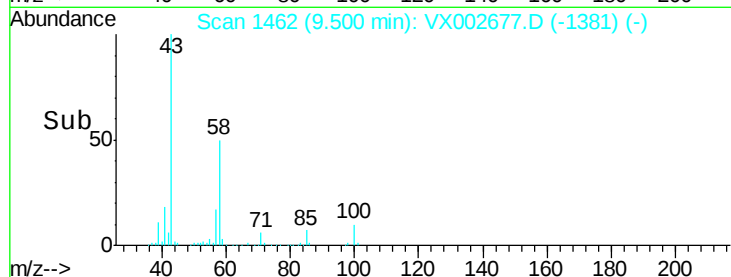
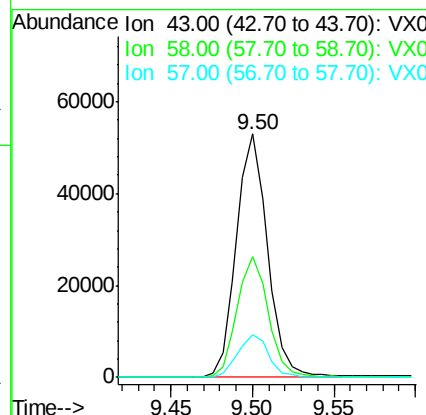
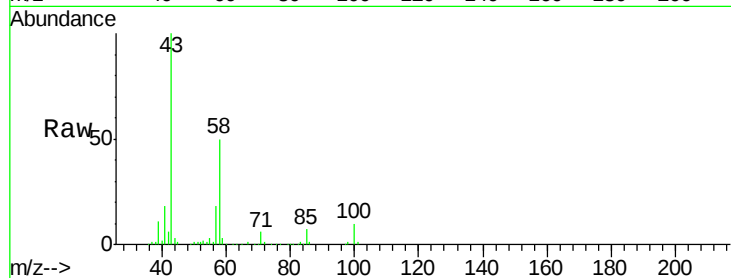
#59
2-Hexanone
Concen: 16.76 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX002677.D
Acq: 18 Jun 2018 12:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:	43	Resp:	70334
Ion Ratio	Lower	Upper	
43	100		
58	50.0	39.6	59.4
57	17.7	14.1	21.1

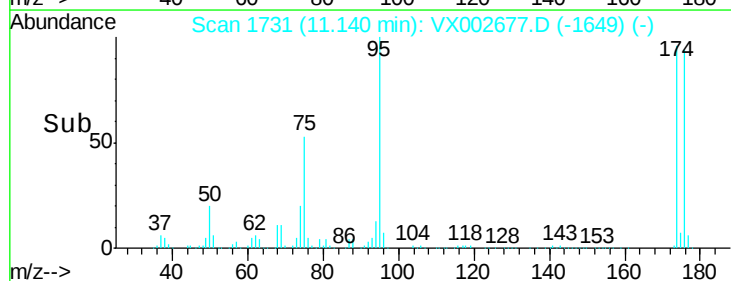
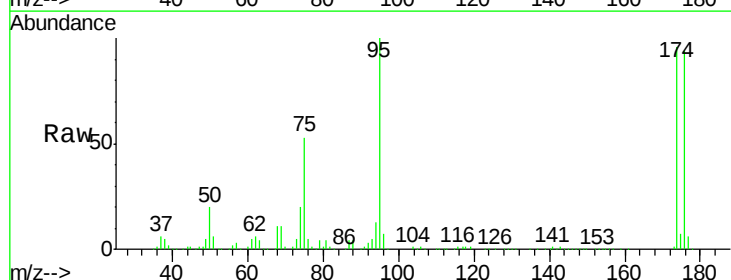
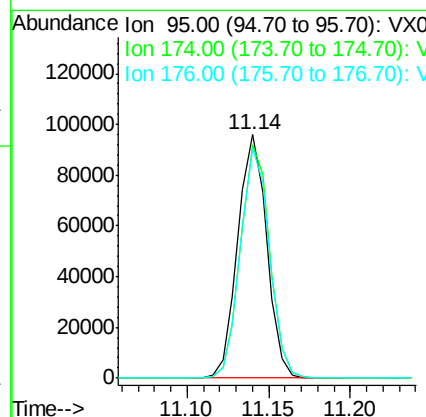
Manual Integrations
APPROVED

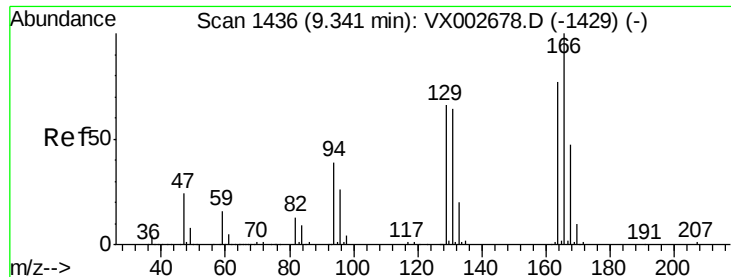
MMDadoda
6/19/2018 1:05:26 PM



#60
4-Bromofluorobenzene
Concen: 28.07 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002677.D
Acq: 18 Jun 2018 12:44

Tgt Ion:	95	Resp:	119385
Ion Ratio	Lower	Upper	
95	100		
174	96.1	71.8	107.6
176	94.4	70.1	105.1





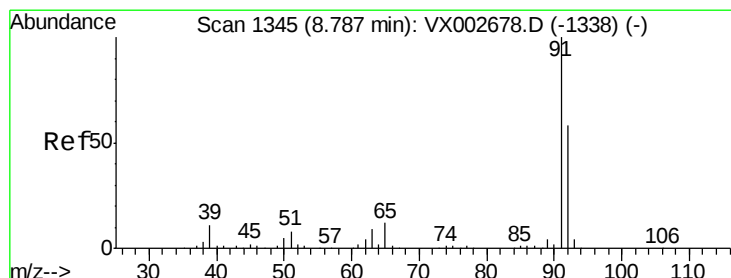
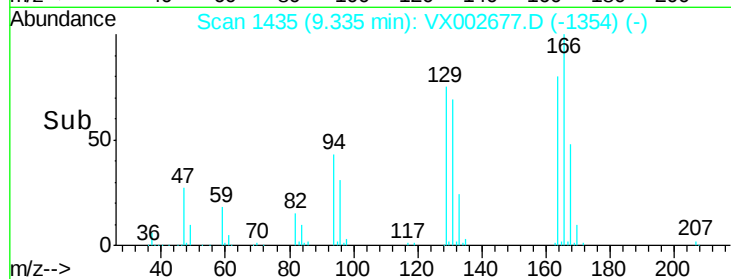
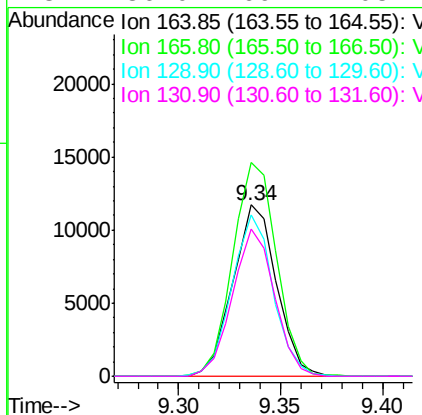
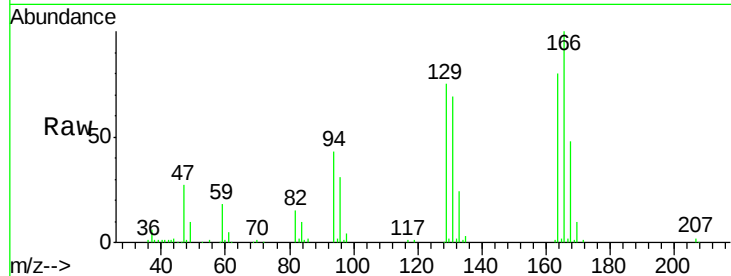
#61
 Tetrachloroethene
 Concen: 4.57 ug/l
 RT: 9.34 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: VX002677.D
 Acq: 18 Jun 2018 12:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	164	166	129	131
Ratio	100	124.1	94.0	86.0
Lower		102.4	70.1	69.1
Upper		153.6	105.1	103.7

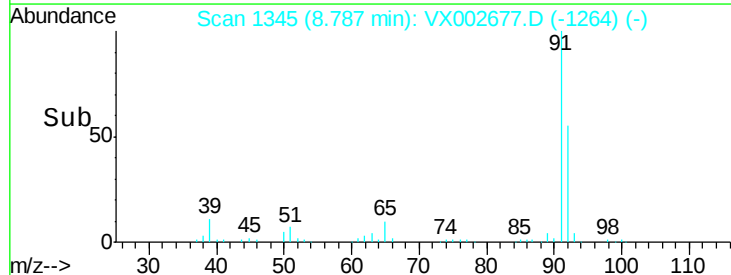
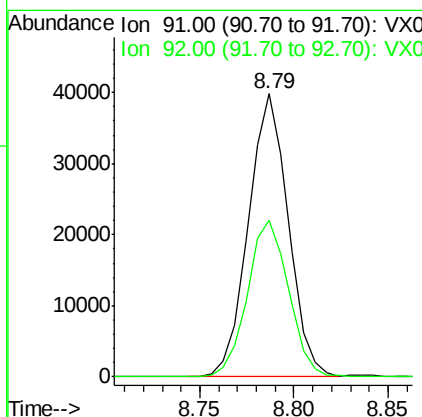
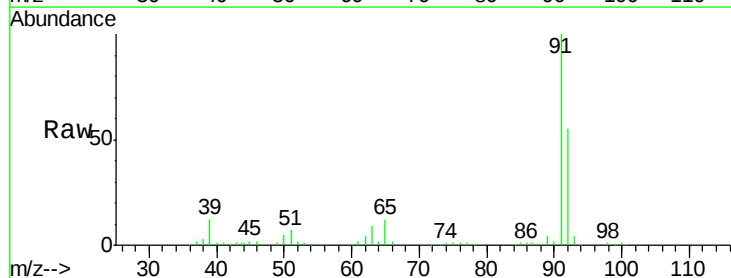
Manual Integrations
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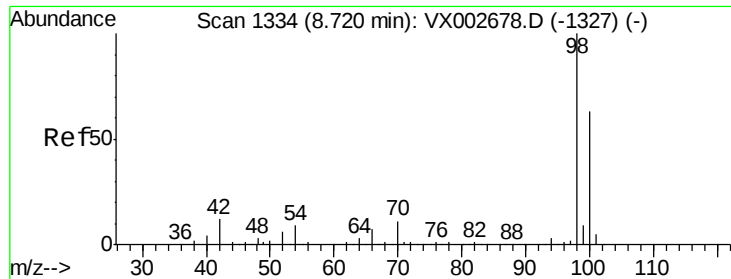
MMDadoda
 6/19/2018 1:05:26 PM



#62
 Toluene
 Concen: 4.61 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: VX002677.D
 Acq: 18 Jun 2018 12:44

Tgt Ion	91	92
Ratio	100	56.7
Lower		46.5
Upper		69.7





#63

Toluene-d8

Concen: 29.42 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002677.D

Acq: 18 Jun 2018 12:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 98 Resp: 325799

Ion Ratio Lower Upper

98 100

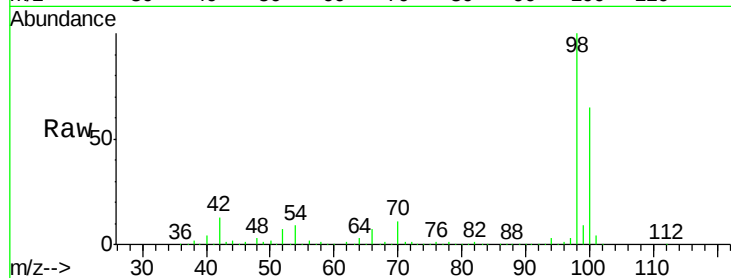
100 63.9 50.8 76.2

Manual Integrations

APPROVED

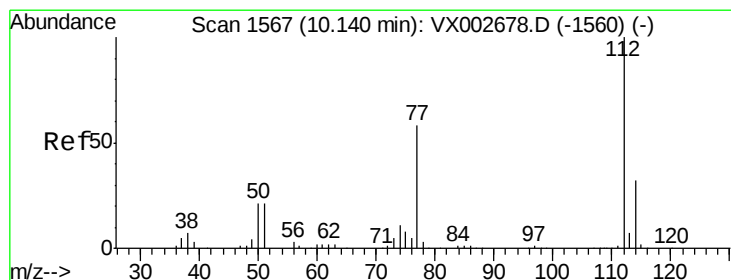
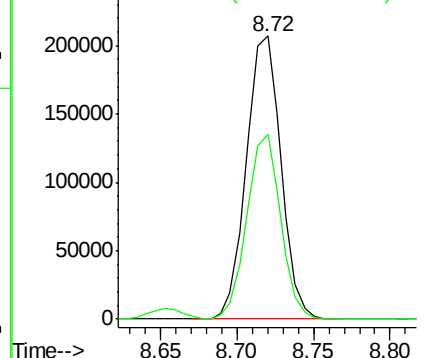
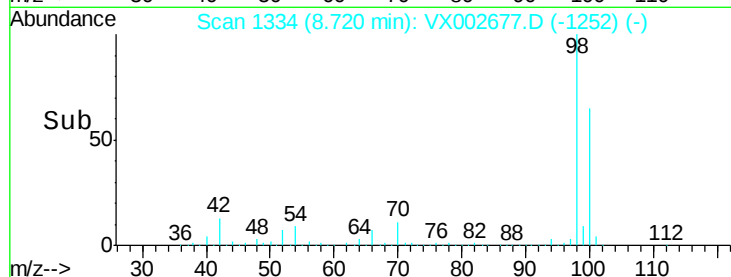
MMDadoda

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Abundance Ion 98.00 (97.70 to 98.70): VX002677.D (-1252) (-)

Ion 100.00 (99.70 to 100.70): VX002677.D (-1252) (-)



#64

Chlorobenzene

Concen: 4.74 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002677.D

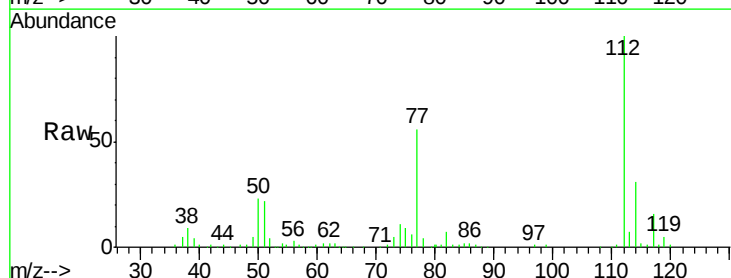
Acq: 18 Jun 2018 12:44

Tgt Ion: 112 Resp: 38938

Ion Ratio Lower Upper

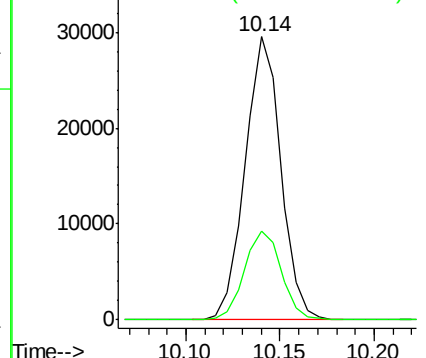
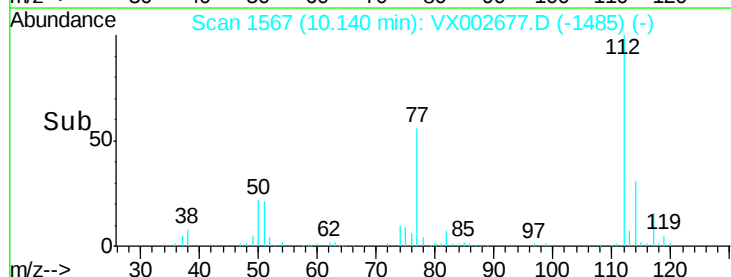
112 100

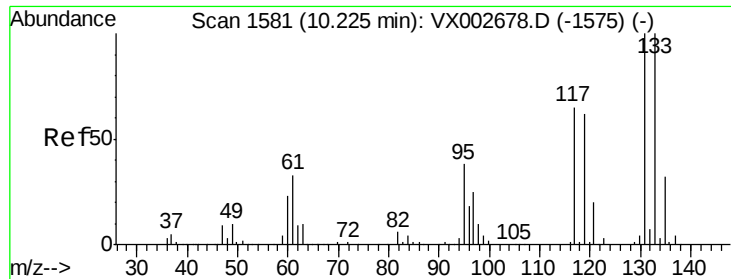
114 31.2 25.6 38.4



Abundance Ion 112.00 (111.70 to 112.70): VX002677.D (-1485) (-)

Ion 114.00 (113.70 to 114.70): VX002677.D (-1485) (-)





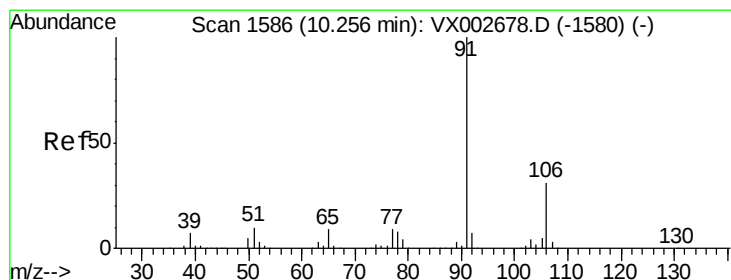
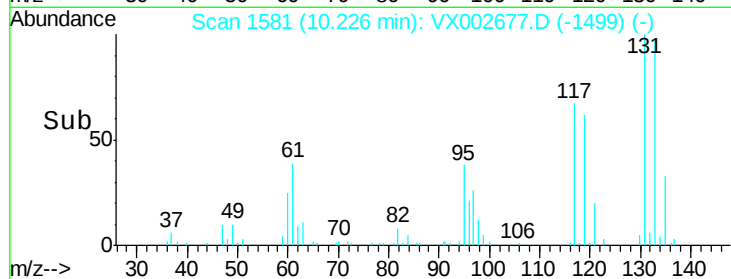
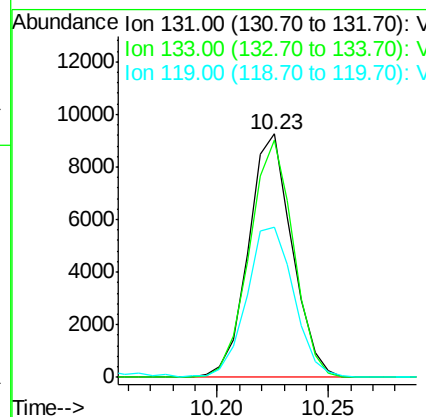
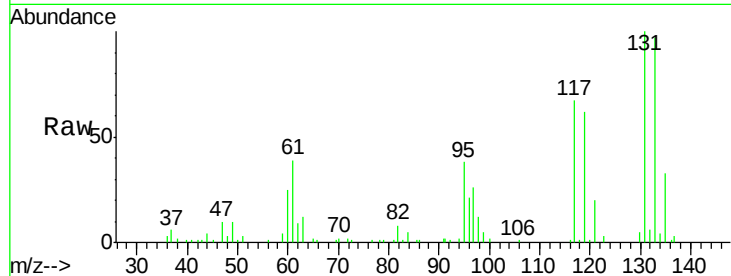
#65
 1,1,1,2-Tetrachloroethane
 Concen: 3.78 ug/l
 RT: 10.23 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: VX002677.D
 Acq: 18 Jun 2018 12:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
131	100		
133	97.9	0.0	191.2
119	67.0	0.0	125.4

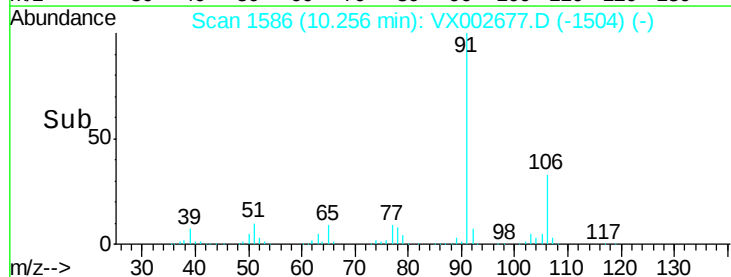
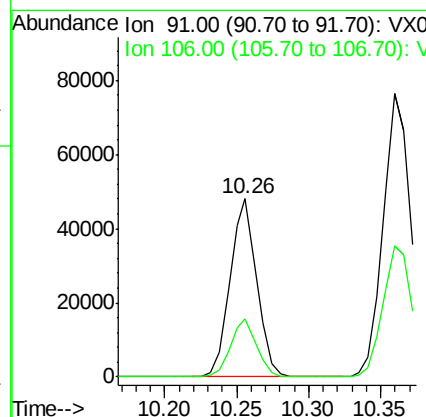
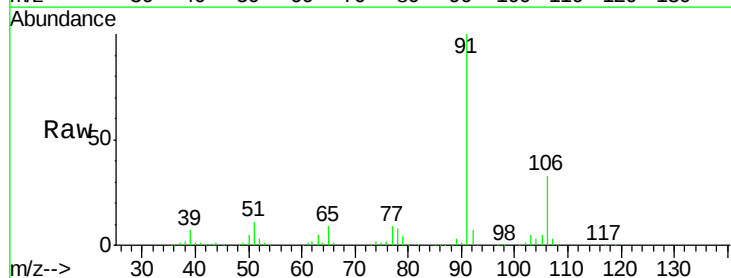
Manual Integrations
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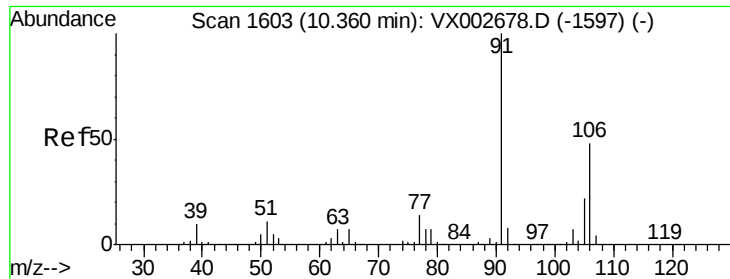
MMDadoda
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#66
 Ethyl Benzene
 Concen: 4.40 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VX002677.D
 Acq: 18 Jun 2018 12:44

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.7	25.2	37.8





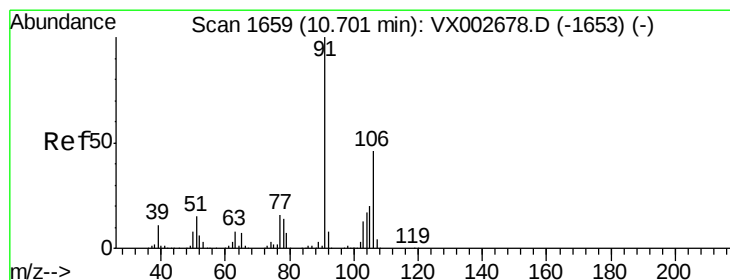
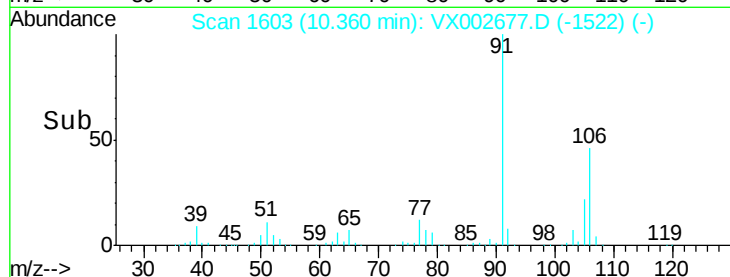
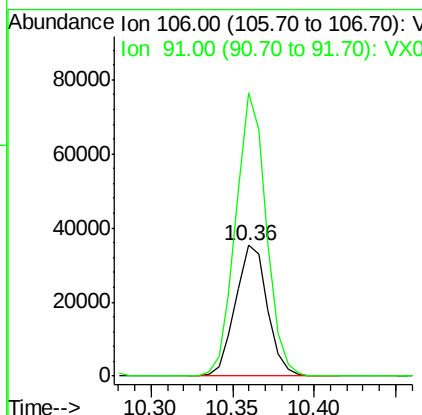
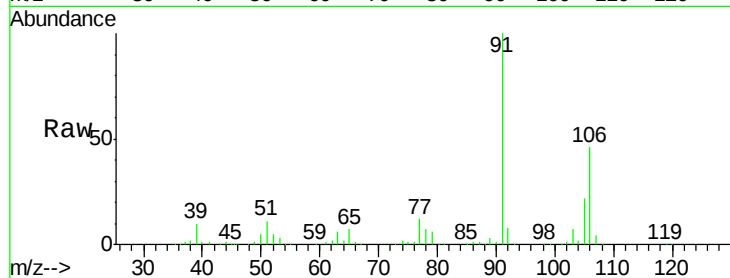
#67
m/p-Xylenes
Concen: 8.93 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002677.D
Acq: 18 Jun 2018 12:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:106 Resp: 48352
Ion Ratio Lower Upper
106 100
91 206.4 164.1 246.1

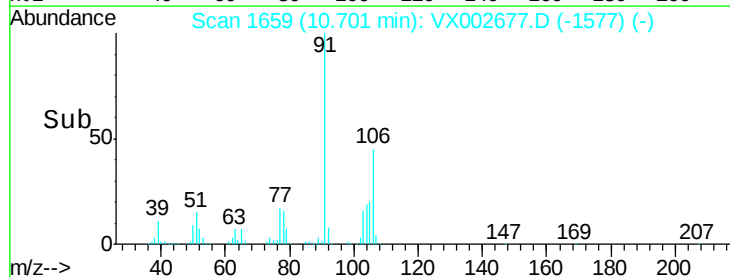
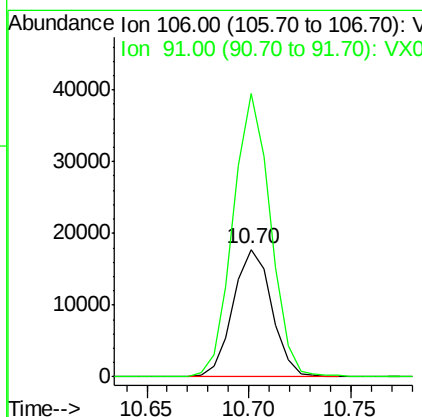
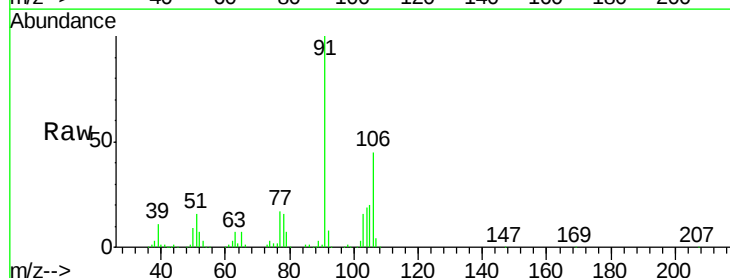
Manual Integrations
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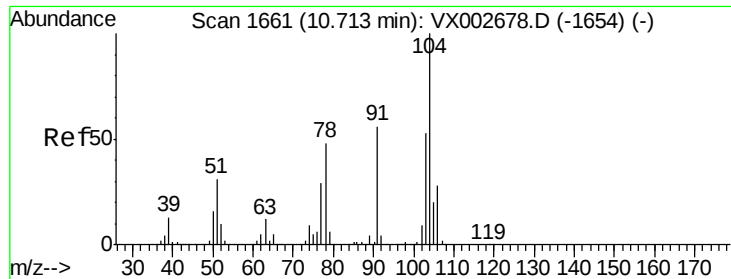
MMDadoda
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#68
o-Xylene
Concen: 4.31 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002677.D
Acq: 18 Jun 2018 12:44

Tgt Ion:106 Resp: 23373
Ion Ratio Lower Upper
106 100
91 215.1 109.1 327.3





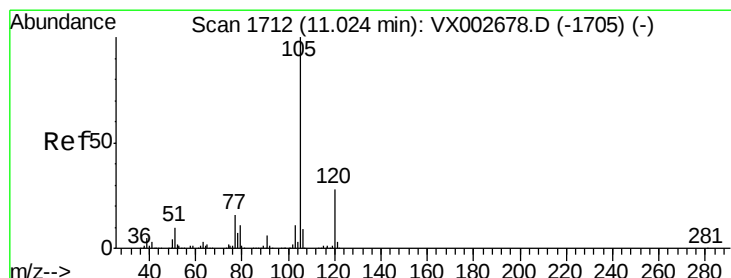
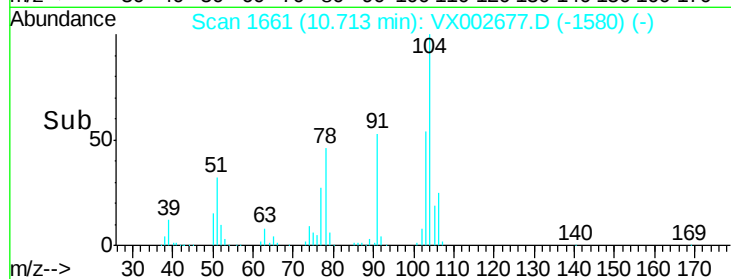
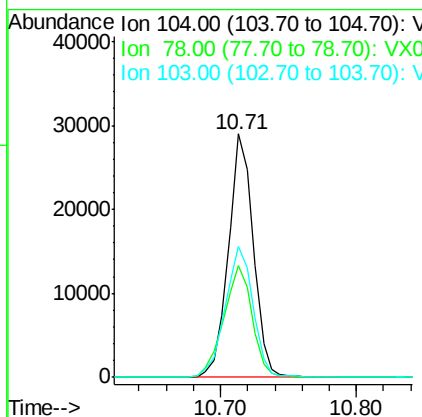
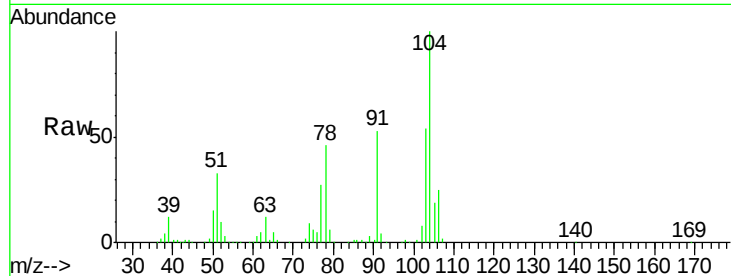
#69
Stvrene
Concen: 4.07 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX002677.D
Acq: 18 Jun 2018 12:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
104	100		
78	52.3	41.8	62.8
103	59.5	44.9	67.3

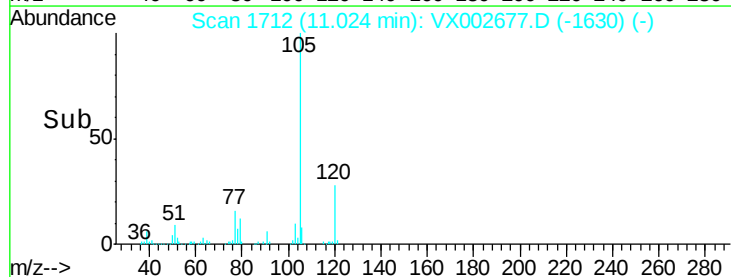
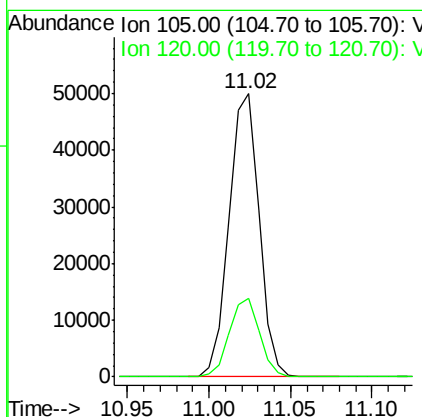
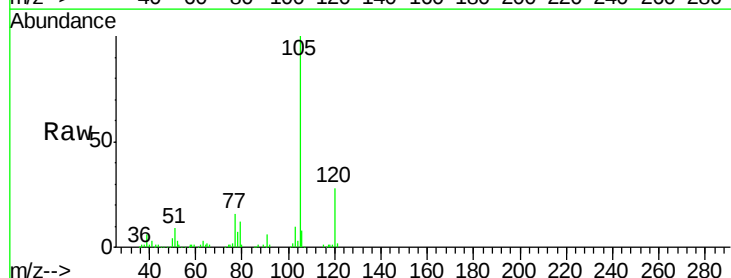
Manual Integrations
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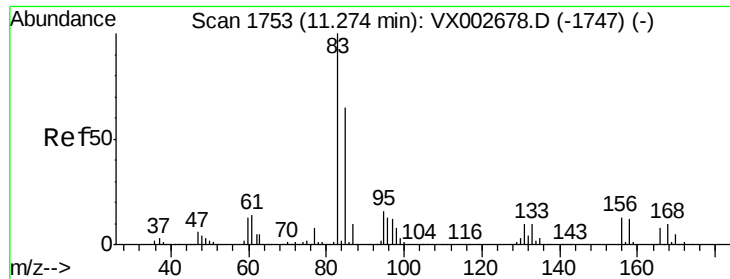
MMDadoda
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#70
Isopropylbenzene
Concen: 4.42 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX002677.D
Acq: 18 Jun 2018 12:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.9	19.0	35.2





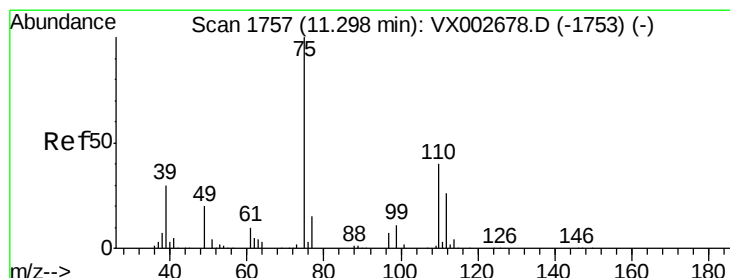
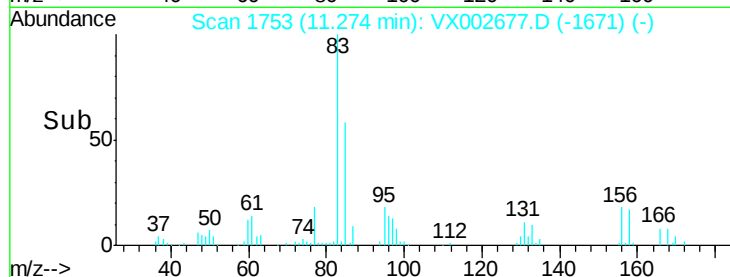
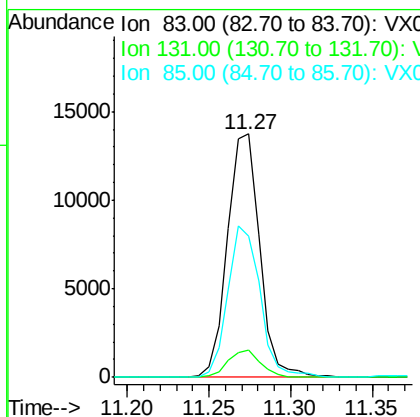
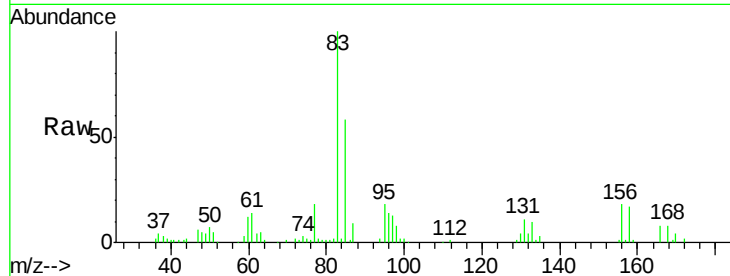
#71
 1,1,2,2-Tetrachloroethane
 Concen: 4.17 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: VX002677.D
 Acq: 18 Jun 2018 12:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	83	Resp	18955
Ion Ratio	100	Lower	Upper
83	100		
131	11.3	5.4	16.2
85	62.3	32.4	97.2

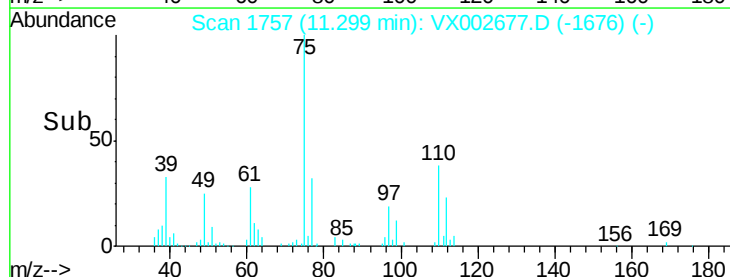
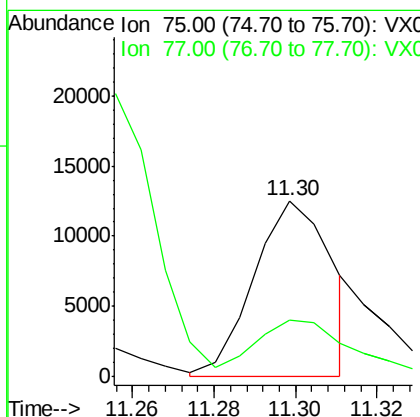
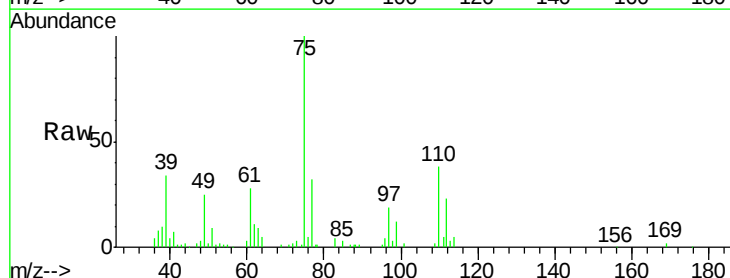
Manual Integrations
 APPROVED

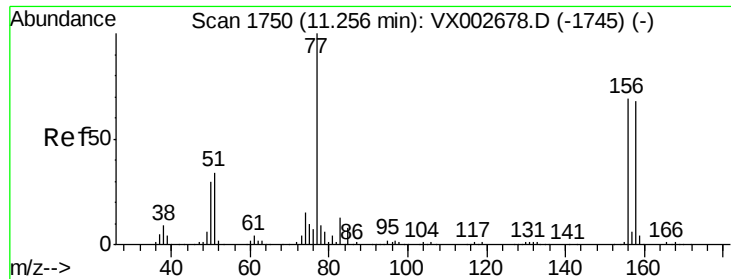
MMDadoda
 6/19/2018 1:05:26 PM



#72
 1,2,3-Trichloropropane
 Concen: 3.87 ug/l m
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VX002677.D
 Acq: 18 Jun 2018 12:44

Tgt Ion	75	Resp	16587
Ion Ratio	100	Lower	Upper
75	100		
77	40.9	0.0	71.8





#73

Bromobenzene

Concen: 4.64 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002677.D

Acq: 18 Jun 2018 12:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:156 Resp: 18078

Ion Ratio Lower Upper

156 100

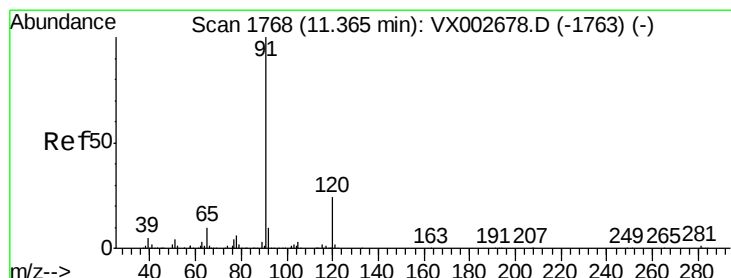
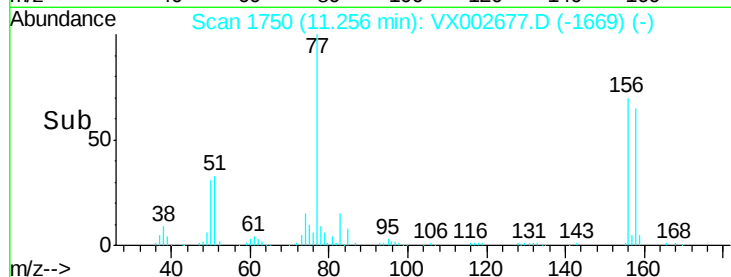
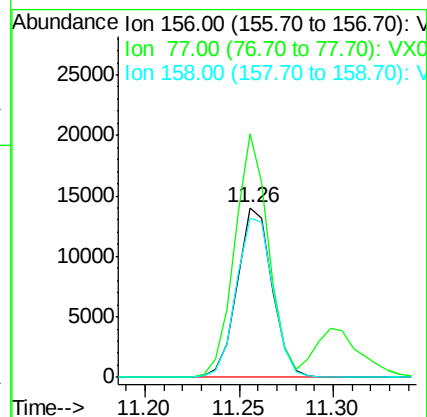
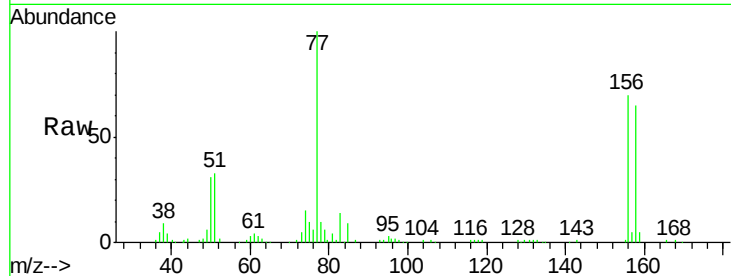
77 138.1 0.0 301.0

158 98.0 0.0 196.2

Manual Integrations
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#74

n-propylbenzene

Concen: 4.64 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002677.D

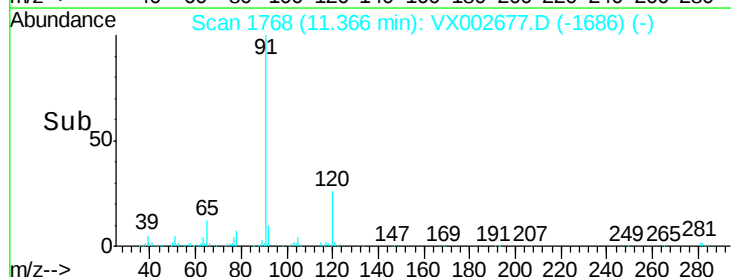
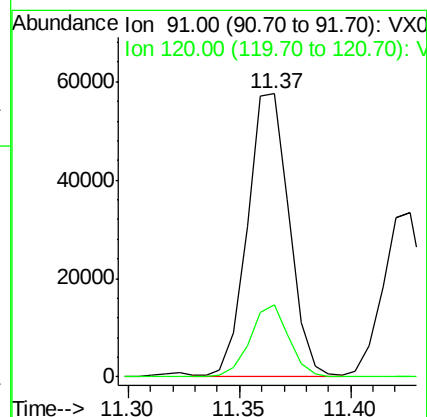
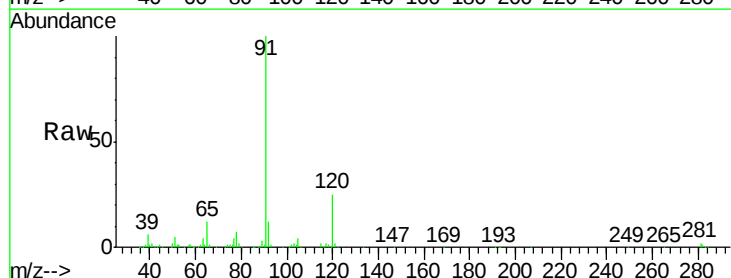
Acq: 18 Jun 2018 12:44

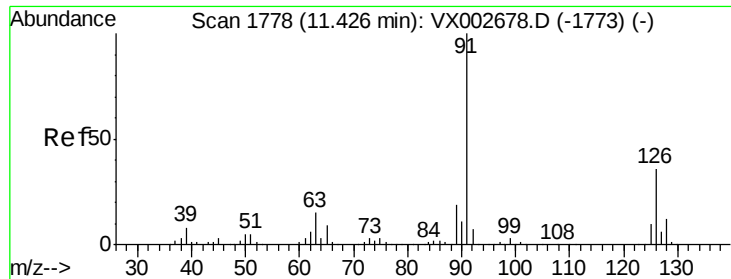
Tgt Ion: 91 Resp: 75239

Ion Ratio Lower Upper

91 100

120 23.7 0.0 46.2





#75

2-Chlorotoluene

Concen: 4.39 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002677.D

Acq: 18 Jun 2018 12:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 43885

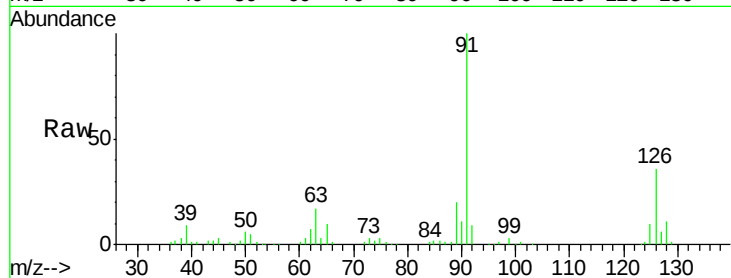
Ion Ratio Lower Upper

91 100

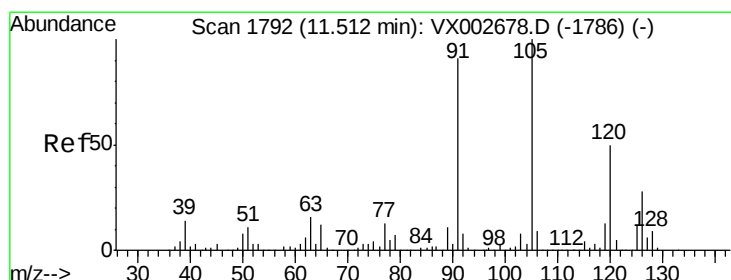
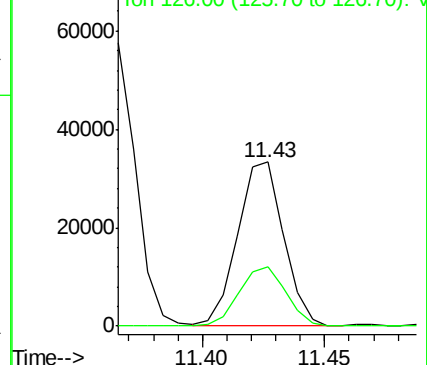
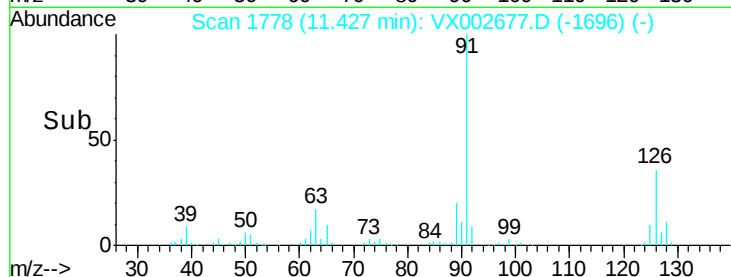
126 36.7 0.0 69.4

Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VX002677.D (-1696) (-)



#76

1,3,5-Trimethylbenzene

Concen: 4.30 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002677.D

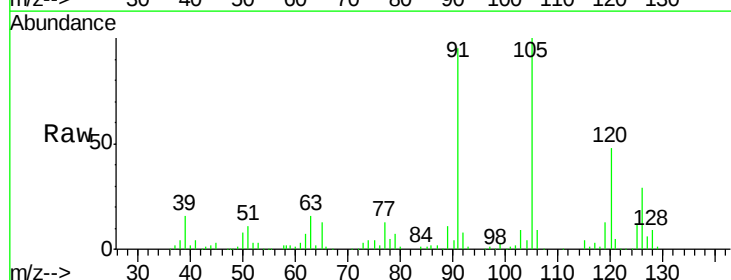
Acq: 18 Jun 2018 12:44

Tgt Ion: 105 Resp: 53043

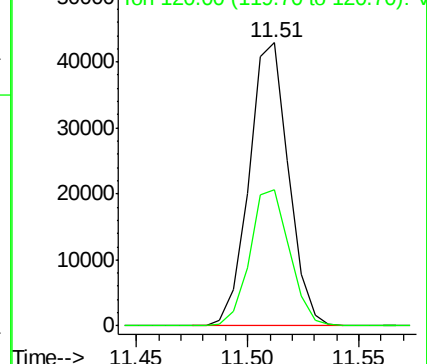
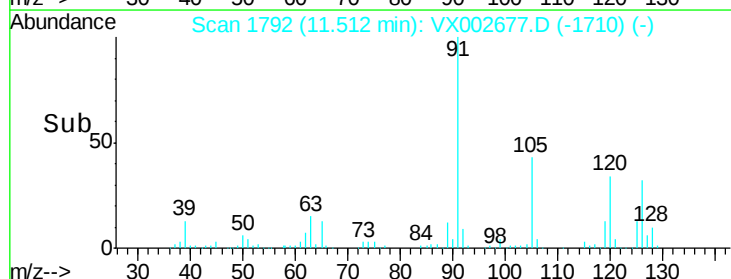
Ion Ratio Lower Upper

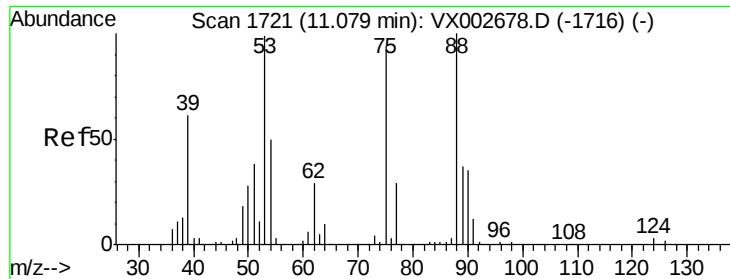
105 100

120 48.7 0.0 96.8



Abundance Ion 105.00 (104.70 to 105.70): VX002677.D (-1710) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 2.61 ug/l

RT: 11.07 min Scan# 1720

Delta R.T. -0.01 min

Lab File: VX002677.D

Acq: 18 Jun 2018 12:44

Instrument :

MSVOA_X

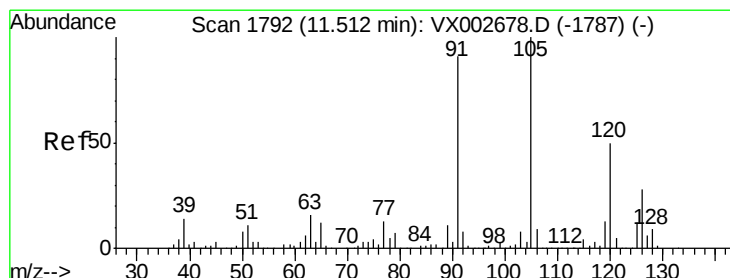
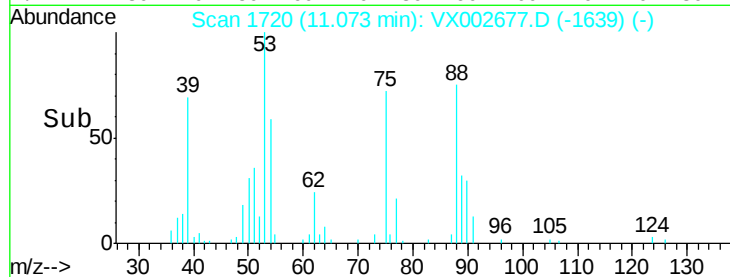
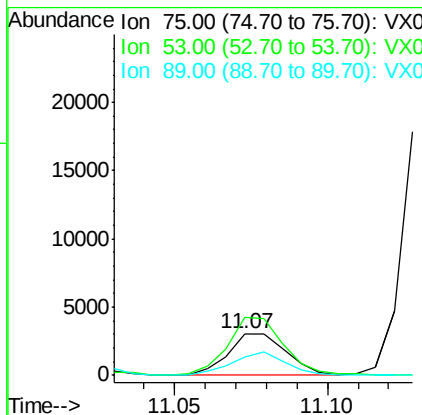
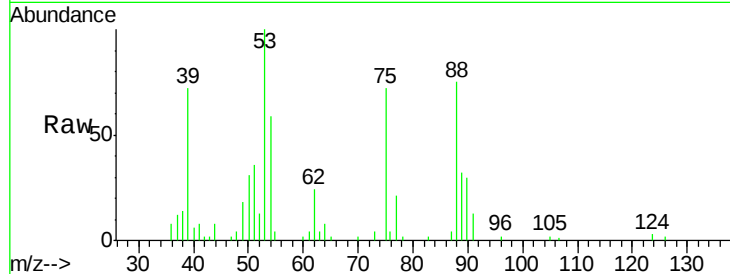
ClientSampleId :

VSTDIC005

Tot Ion:	75	Resp:	4047
Ion	Ratio	Lower	Upper
75	100		
53	134.2	48.3	144.9
89	42.5	21.8	65.4

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#78

4-Chlorotoluene

Concen: 4.57 ug/l

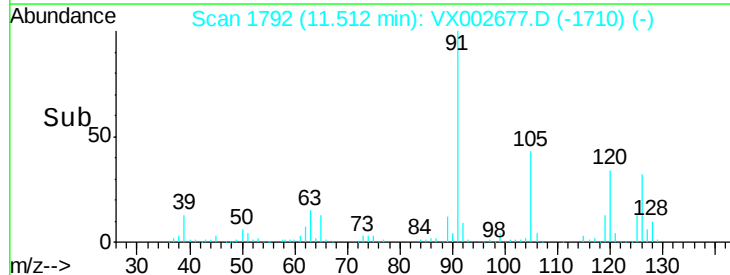
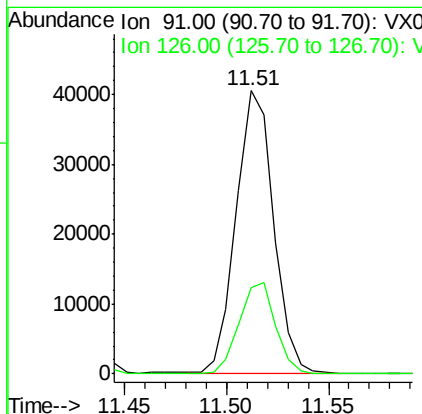
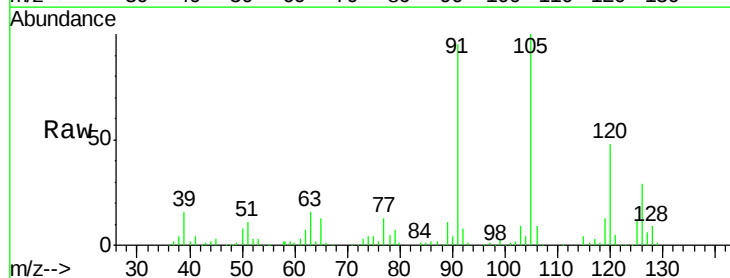
RT: 11.51 min Scan# 1792

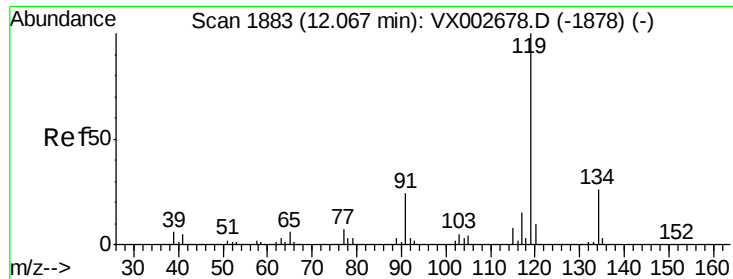
Delta R.T. -0.00 min

Lab File: VX002677.D

Acq: 18 Jun 2018 12:44

Tgt Ion:	91	Resp:	51891
Ion	Ratio	Lower	Upper
91	100		
126	31.4	0.0	61.0





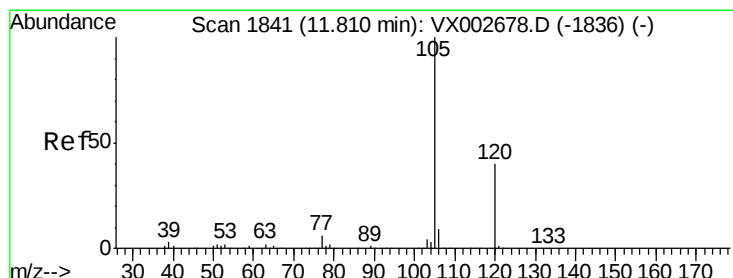
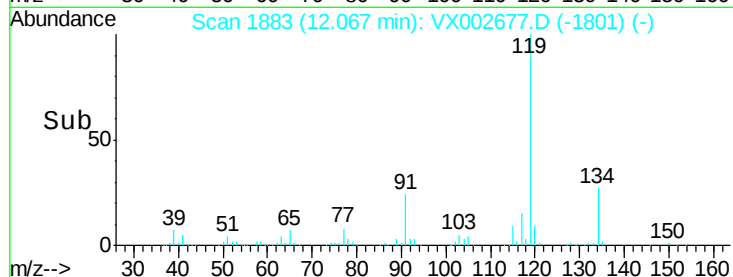
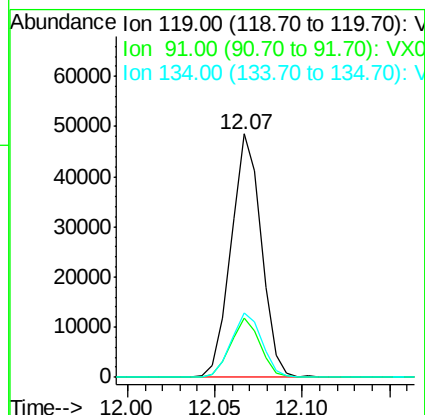
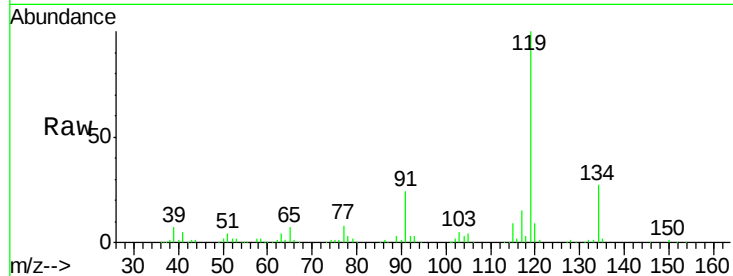
#79
tert-butylbenzene
Concen: 4.50 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX002677.D
Acq: 18 Jun 2018 12:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
119	100		
91	24.0	0.0	48.0
134	27.0	0.0	52.6

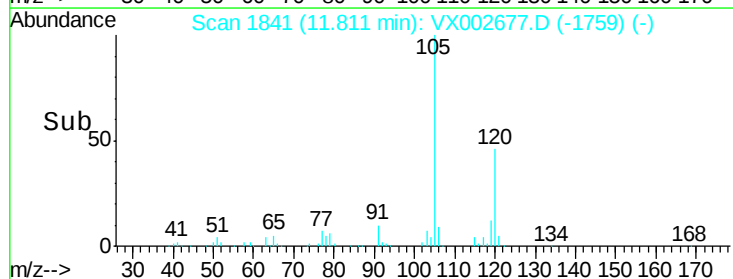
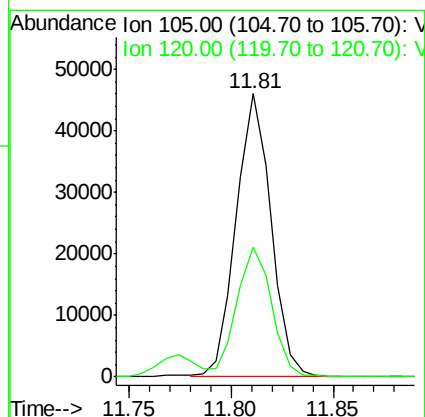
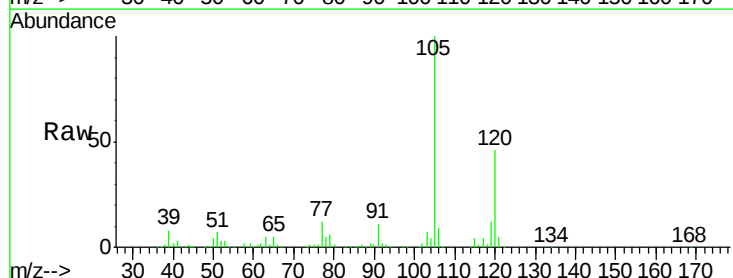
Manual Integrations
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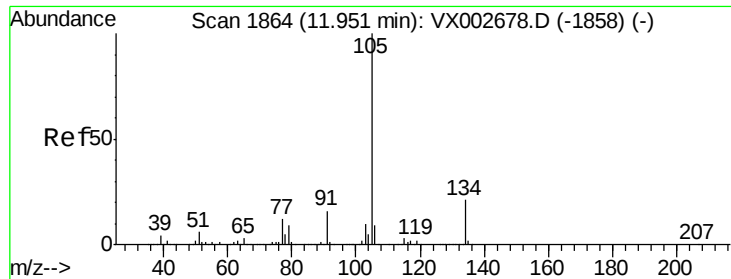
MMDadoda
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#80
1,2,4-Trimethylbenzene
Concen: 4.37 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX002677.D
Acq: 18 Jun 2018 12:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	0.0	89.2





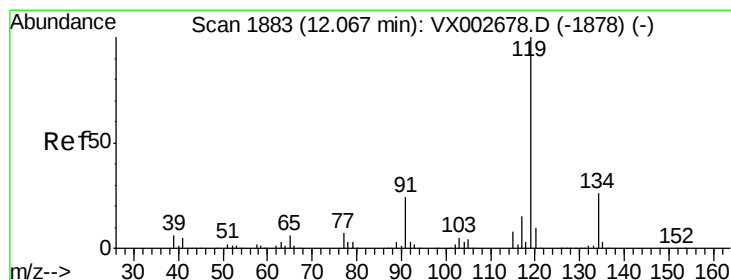
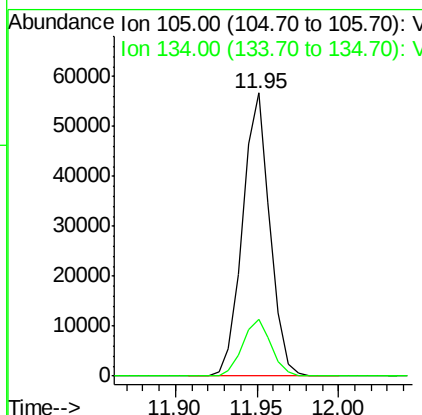
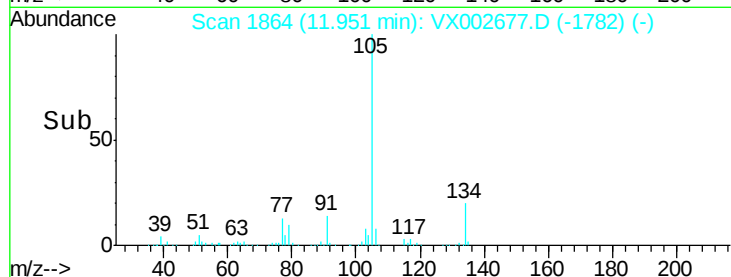
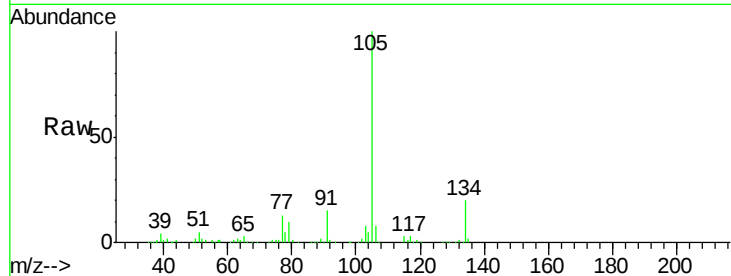
#81
 sec-Butylbenzene
 Concen: 4.58 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002677.D
 Acq: 18 Jun 2018 12:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.0	0.0	41.6

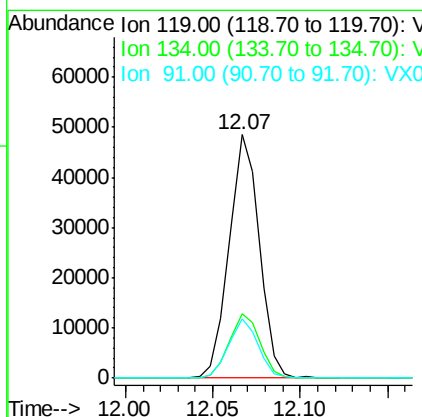
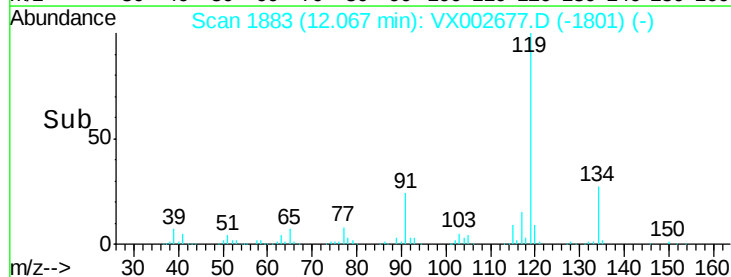
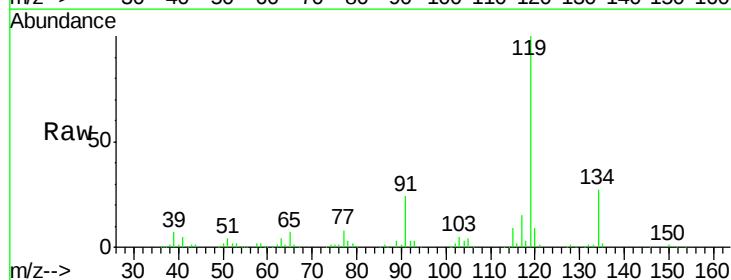
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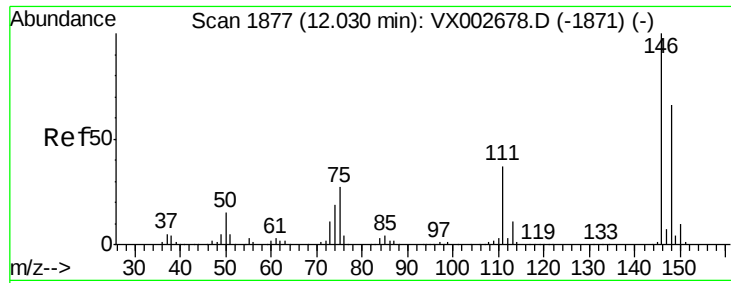
MMDadoda
 6/19/2018 1:05:26 PM



#82
 p-Isopropyltoluene
 Concen: 4.50 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX002677.D
 Acq: 18 Jun 2018 12:44

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.0	0.0	52.6
91	24.0	0.0	48.0





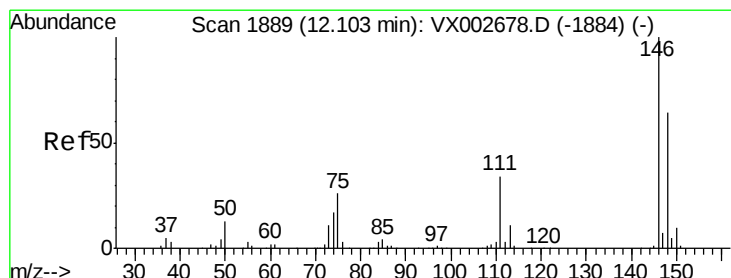
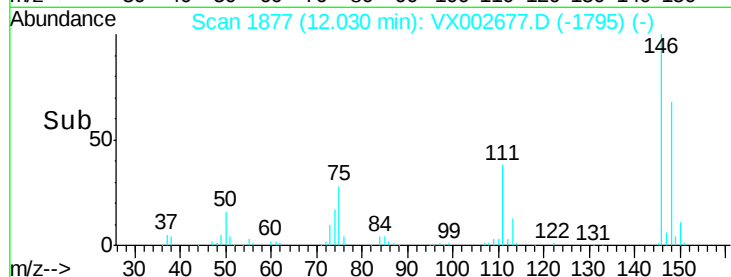
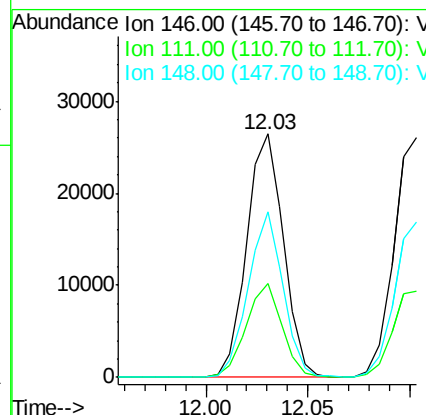
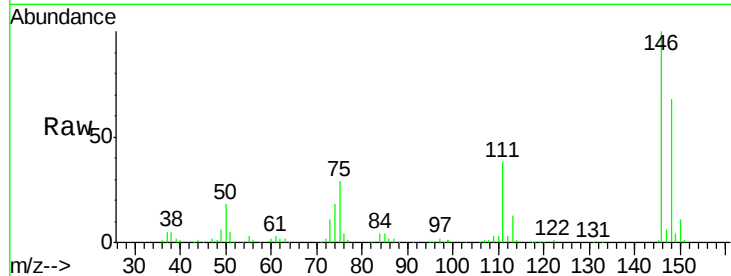
#83
 1,3-Dichlorobenzene
 Concen: 4.80 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002677.D
 Acq: 18 Jun 2018 12:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.1	57.5
148	64.5	31.9	95.7

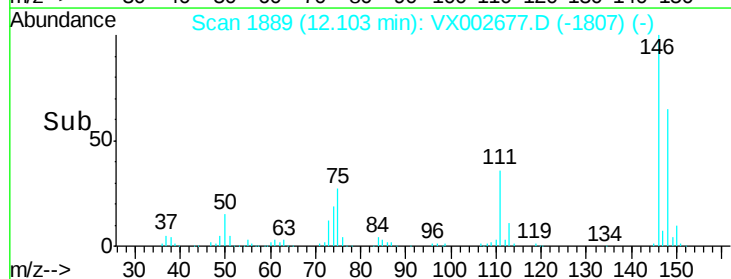
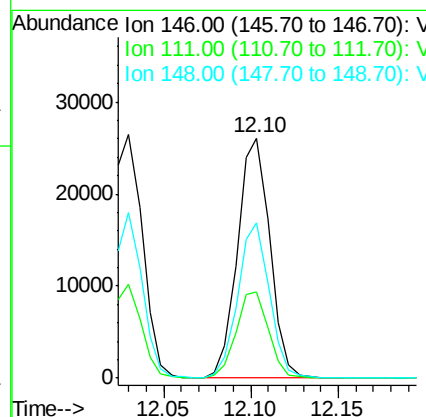
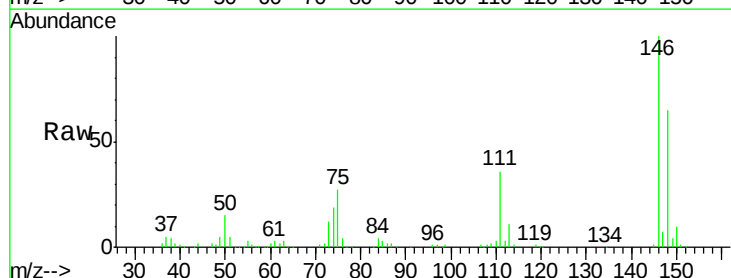
Manual Integrations
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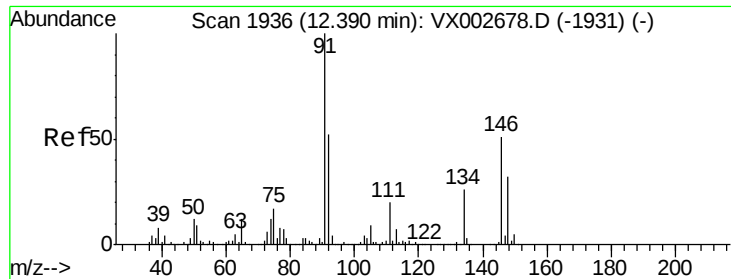
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#84
 1,4-Dichlorobenzene
 Concen: 4.88 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002677.D
 Acq: 18 Jun 2018 12:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.5	55.5
148	63.5	32.0	96.0





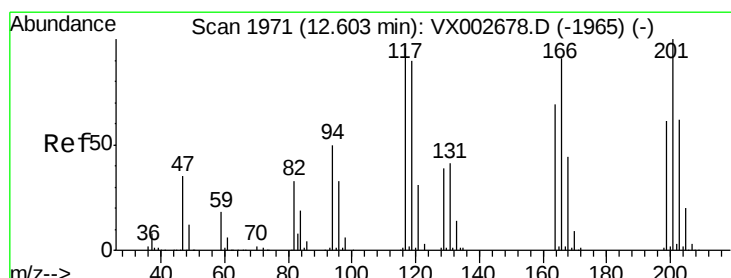
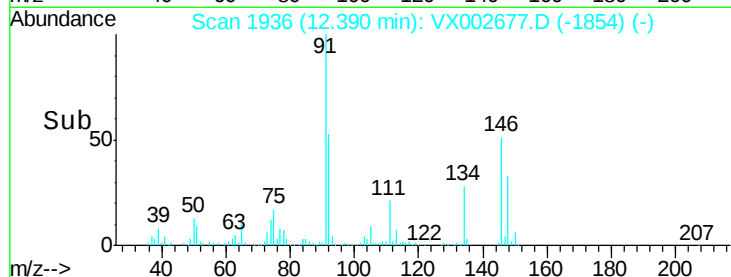
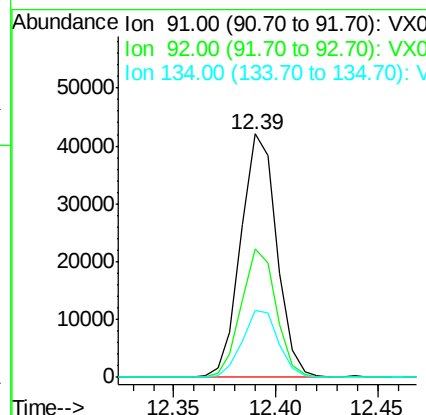
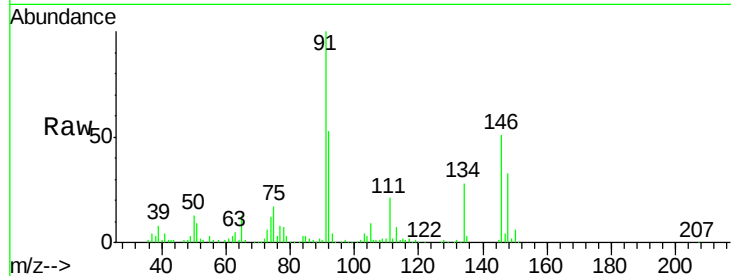
#85
n-Butylbenzene
Concen: 4.73 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002677.D
Acq: 18 Jun 2018 12:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		51363		
92	51.4	0.0	105.2		
134	27.9	0.0	53.2		

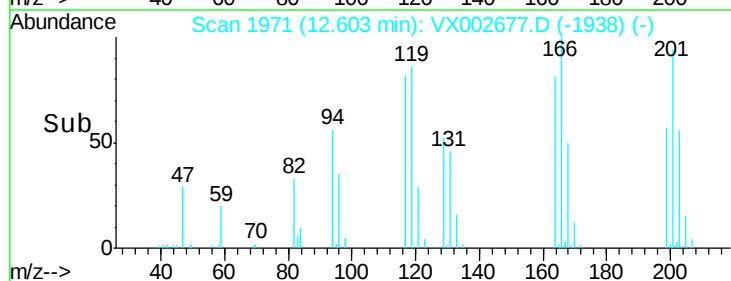
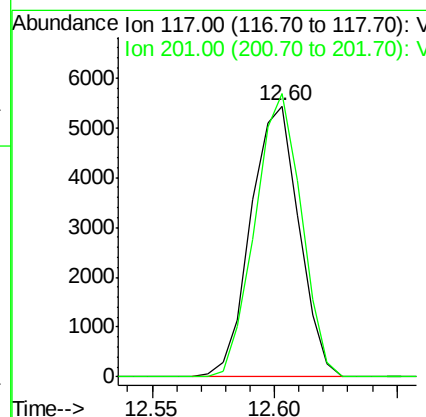
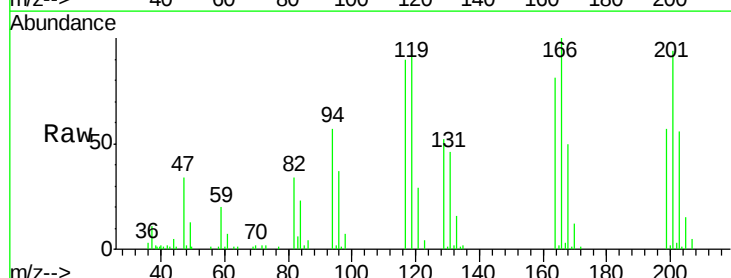
Manual Integrations
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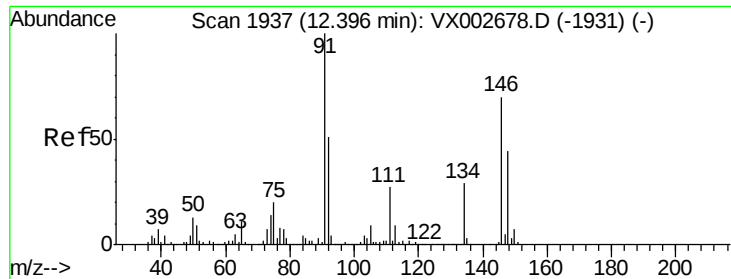
MMDadoda
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#86
Hexachloroethane
Concen: 2.89 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002677.D
Acq: 18 Jun 2018 12:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		7432		
201	100.3	47.6	142.8		





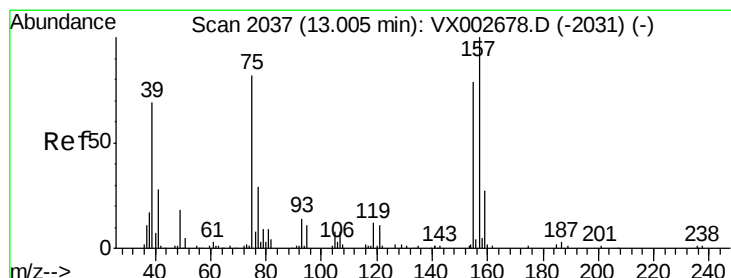
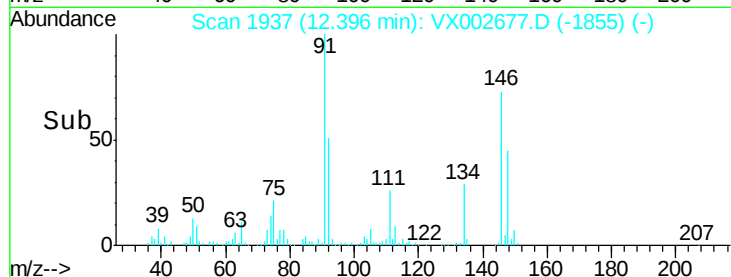
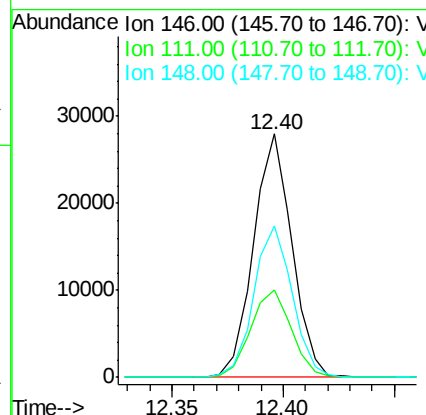
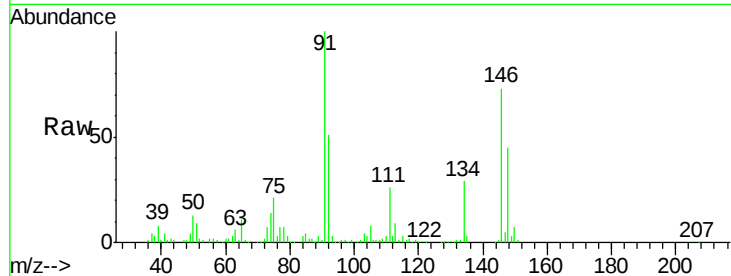
#87
 1,2-Dichlorobenzene
 Concen: 4.72 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002677.D
 Acq: 18 Jun 2018 12:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	20.0	59.9
148	62.5	32.8	98.3

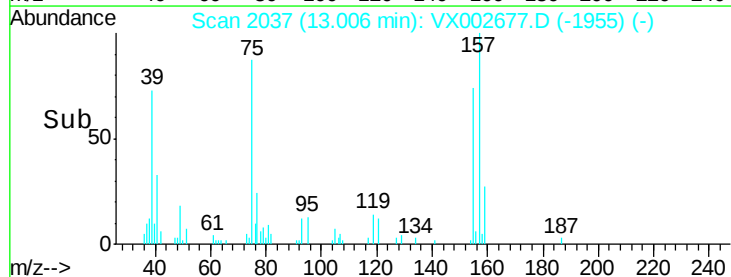
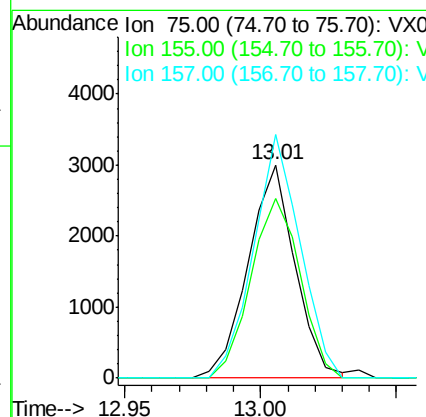
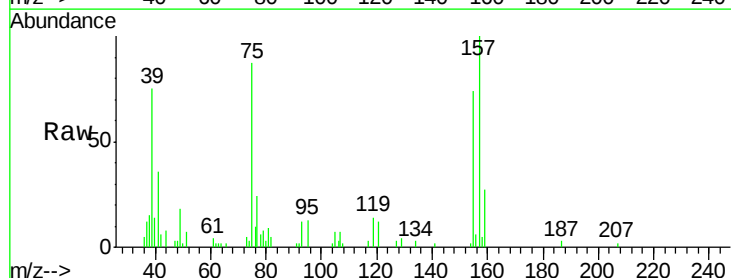
Manual Integrations
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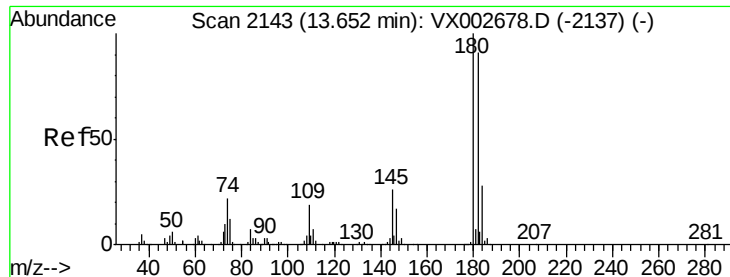
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 6/19/2018 1:05:26 PM



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 2.72 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002677.D
 Acq: 18 Jun 2018 12:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.1	73.1	109.7
157	112.7	93.1	139.7





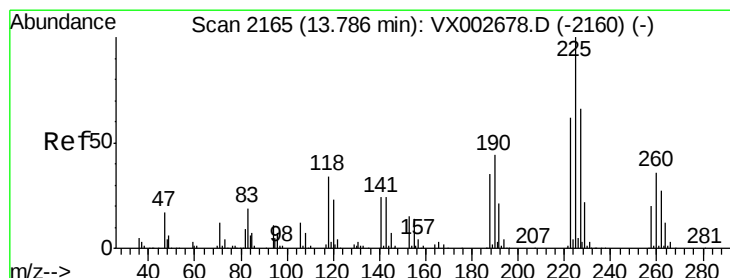
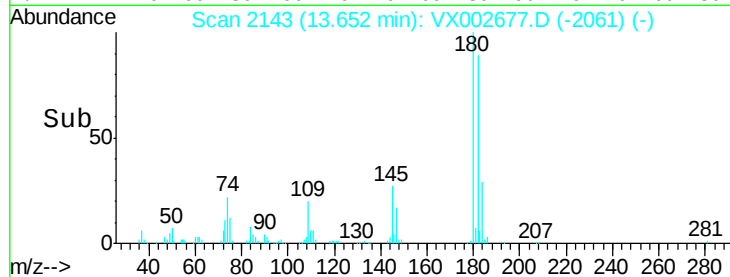
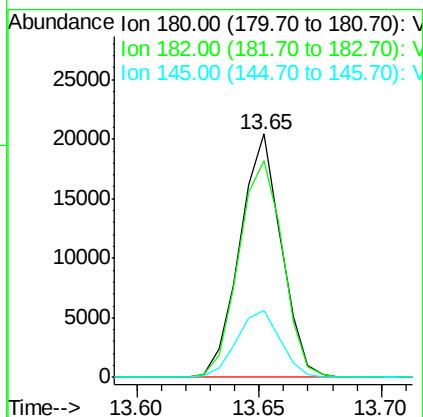
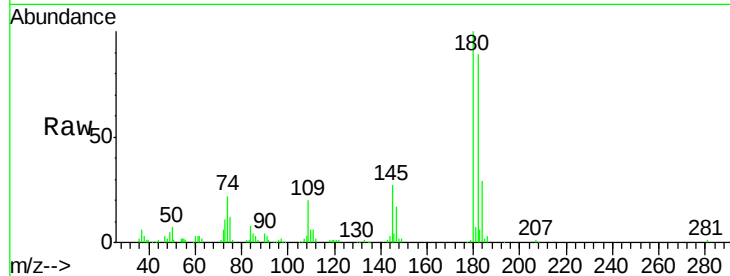
#89
1,2,4-Trichlorobenzene
Concen: 4.77 ug/l
RT: 13.65 min Scan# 2143
Delta R.T. -0.00 min
Lab File: VX002677.D
Acq: 18 Jun 2018 12:44

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.4	114.6
145	29.0	22.9	34.3

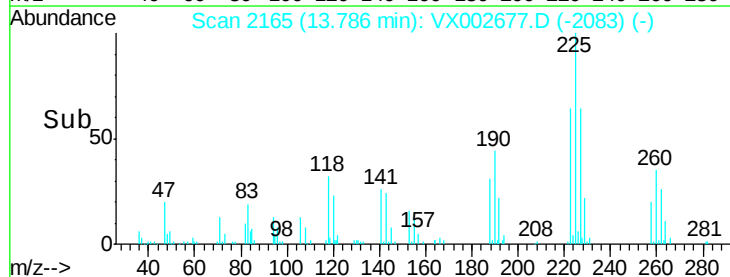
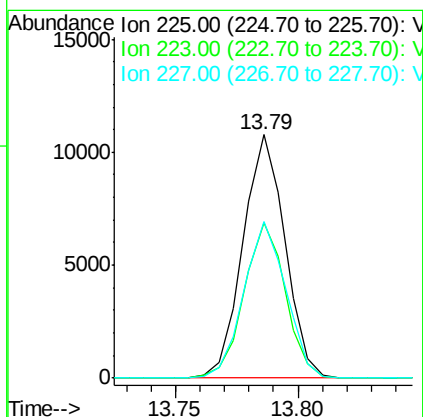
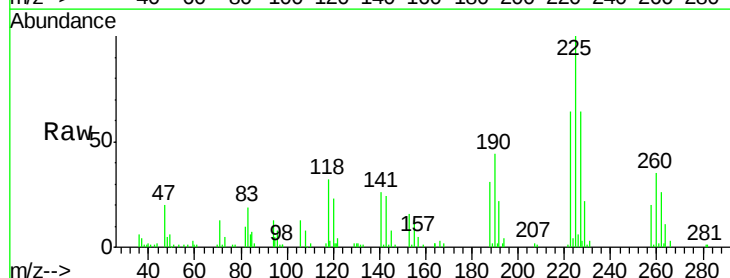
Manual Integrations
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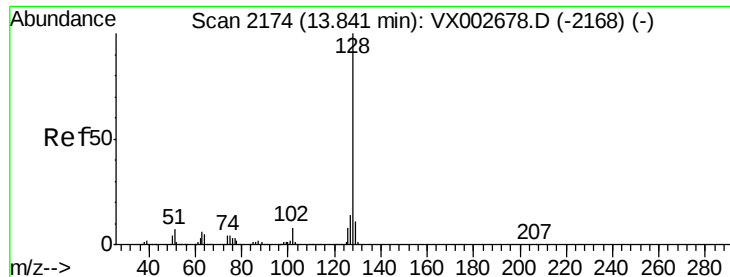
MMDadoda
6/19/2018 1:05:26 PM



#90
Hexachlorobutadiene
Concen: 4.79 ug/l
RT: 13.79 min Scan# 2165
Delta R.T. -0.00 min
Lab File: VX002677.D
Acq: 18 Jun 2018 12:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	0.0	122.4
227	64.7	0.0	128.0





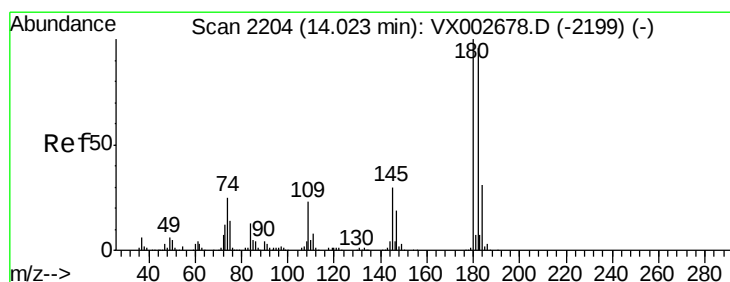
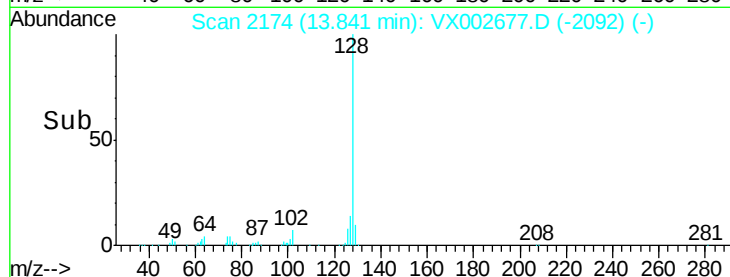
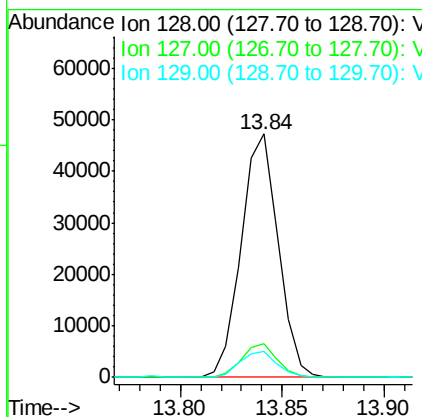
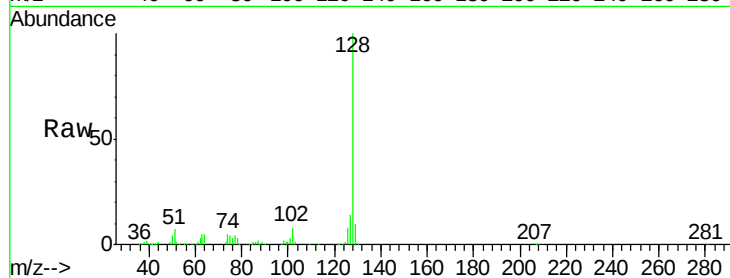
#91
Naphthalene
Concen: 3.74 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002677.D
Acq: 18 Jun 2018 12:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	10.6	8.9	13.3

Manual Integrations
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6/19/2018 1:05:26 PM



#92
1,2,3-Trichlorobenzene
Concen: 4.54 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002677.D
Acq: 18 Jun 2018 12:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	0.0	191.0
145	29.3	0.0	60.6

