

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021419\
 Data File : VX007518.D
 Acq On : 13 Feb 2019 14:17
 Operator : JC/SP
 Sample : VX0214WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0214WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/14/2019 10:57:05 AM

Quant Time: Feb 14 02:56:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	494807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	730188	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	657999	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	327140	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	261057	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
35) Dibromofluoromethane	5.51	113	236625	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
50) Toluene-d8	8.71	98	860732	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
62) 4-Bromofluorobenzene	11.14	95	301762	46.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	102992	17.056	ug/l	98
3) Chloromethane	1.33	50	95757	17.181	ug/l	100
4) Vinyl Chloride	1.41	62	105407	19.279	ug/l	96
5) Bromomethane	1.64	94	87240	15.801	ug/l	100
6) Chloroethane	1.73	64	69779	19.729	ug/l	95
7) Trichlorofluoromethane	1.93	101	166329	19.447	ug/l	99
8) Diethyl Ether	2.19	74	60989	18.945	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	92489	18.179	ug/l	98
10) Methyl Iodide	2.51	142	115160	15.387	ug/l	99
11) Tert butyl alcohol	3.07	59	107991	99.357	ug/l	99
12) 1,1-Dichloroethene	2.38	96	85575	18.113	ug/l	97
13) Acrolein	2.30	56	42500	83.386	ug/l	98
14) Allyl chloride	2.73	41	148416	19.280	ug/l	96
15) Acrylonitrile	3.15	53	266889	99.261	ug/l	99
16) Acetone	2.45	43	257111	106.872	ug/l	98
17) Carbon Disulfide	2.57	76	196637	17.363	ug/l	98
18) Methyl Acetate	2.78	43	147412	23.831	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	300574	19.638	ug/l	98
20) Methylene Chloride	2.86	84	96776	19.454	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	90568	17.996	ug/l	99
22) Diisopropyl ether	3.87	45	272694	19.259	ug/l	99
23) Vinyl Acetate	3.82	43	1131170	96.270	ug/l	98
24) 1,1-Dichloroethane	3.70	63	153606	18.890	ug/l	99
25) 2-Butanone	4.70	43	340125	99.343	ug/l	97
26) 2,2-Dichloropropane	4.59	77	112025	18.090	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	113878	20.717	ug/l	97
28) Bromochloromethane	5.02	49	71960	19.244	ug/l	97
29) Tetrahydrofuran	5.15	42	216584	100.583	ug/l	98
30) Chloroform	5.22	83	161506	19.034	ug/l	99
31) Cyclohexane	5.57	56	126985	17.387	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	135375	18.901	ug/l	99
36) 1,1-Dichloropropene	5.80	75	112800	17.217	ug/l	99
37) Ethyl Acetate	4.85	43	125874	19.006	ug/l	99
38) Carbon Tetrachloride	5.79	117	115507	18.173	ug/l	96

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	136343	17.201	ug/l	98
40) Benzene	6.14	78	355541	18.423	ug/l	100
41) Methacrylonitrile	5.06	41	71565	20.162	ug/l	99
42) 1,2-Dichloroethane	6.20	62	119827	17.945	ug/l	97
43) Isopropyl Acetate	6.46	43	196096	19.183	ug/l	99
44) Trichloroethene	7.21	130	107214	18.446	ug/l	96
45) 1,2-Dichloropropane	7.52	63	88048	18.209	ug/l	97
46) Dibromomethane	7.66	93	61656	17.544	ug/l	99
47) Bromodichloromethane	7.90	83	106198	17.830	ug/l	99
48) Methyl methacrylate	7.77	41	100555	19.666	ug/l	98
49) 1,4-Dioxane	7.75	88	41428	360.696	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	658151	97.802	ug/l	100
52) Toluene	8.79	92	221913	17.822	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	118749	18.561	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	130453	18.542	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	97594	18.803	ug/l	98
56) Ethyl methacrylate	9.18	69	135216	18.810	ug/l	100
57) 1,3-Dichloropropane	9.37	76	151764	18.387	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	362615	95.702	ug/l	99
59) 2-Hexanone	9.49	43	503308	96.113	ug/l	100
60) Dibromochloromethane	9.58	129	91993	18.740	ug/l	99
61) 1,2-Dibromoethane	9.67	107	100952	18.366	ug/l	99
64) Tetrachloroethene	9.33	164	187565	30.244	ug/l	98
65) Chlorobenzene	10.14	112	261546	18.215	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	92411	19.196	ug/l	99
67) Ethyl Benzene	10.25	91	423913	18.333	ug/l	98
68) m/p-Xylenes	10.36	106	329962	35.898	ug/l	100
69) o-Xylene	10.70	106	161792	18.292	ug/l	100
70) Styrene	10.71	104	256961	17.914	ug/l	99
71) Bromoform	10.86	173	65117	18.209	ug/l #	100
73) Isopropylbenzene	11.02	105	429735	19.331	ug/l	98
74) N-amyl acetate	10.90	43	172063	20.010	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	141738	20.920	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	129389m	20.334	ug/l	
77) Bromobenzene	11.26	156	118541	18.925	ug/l	99
78) n-propylbenzene	11.36	91	474760	19.475	ug/l	99
79) 2-Chlorotoluene	11.42	91	284774	19.252	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	349995	19.244	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	33696	19.212	ug/l	94
82) 4-Chlorotoluene	11.51	91	318914	18.633	ug/l	100
83) tert-Butylbenzene	11.77	119	354570	19.691	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	366575	19.853	ug/l	99
85) sec-Butylbenzene	11.94	105	423511	19.433	ug/l	99
86) p-Isopropyltoluene	12.07	119	382180	19.426	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	207712	18.478	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	213379	18.710	ug/l	99
89) n-Butylbenzene	12.39	91	318009	18.791	ug/l	99
90) Hexachloroethane	12.60	117	55930	18.996	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	209077	18.689	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	27355	19.418	ug/l	95

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ClientSampleId :
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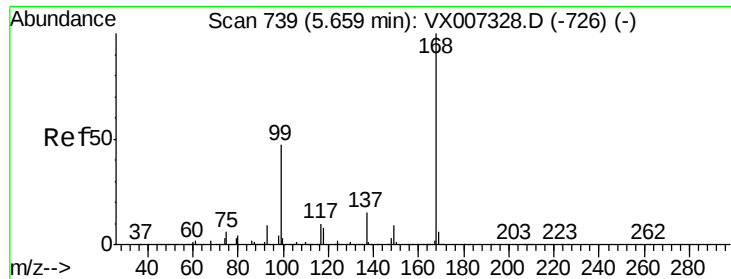
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	144176	19.110	ug/l	99
94) Hexachlorobutadiene	13.78	225	68276	18.637	ug/l	100
95) Naphthalene	13.83	128	450395	20.415	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	141442	18.625	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX007518.D

Acq: 13 Feb 2019 14:17

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBSD01

Tot Ion:168 Resp: 494807

Ion Ratio Lower Upper

168 100

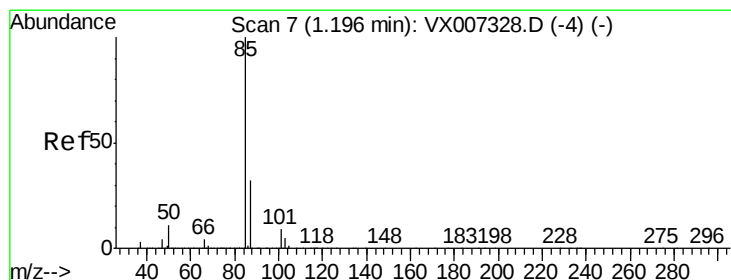
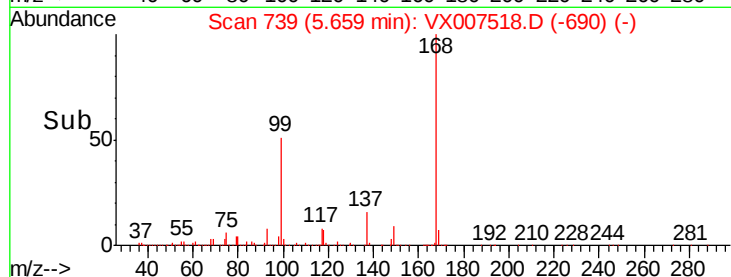
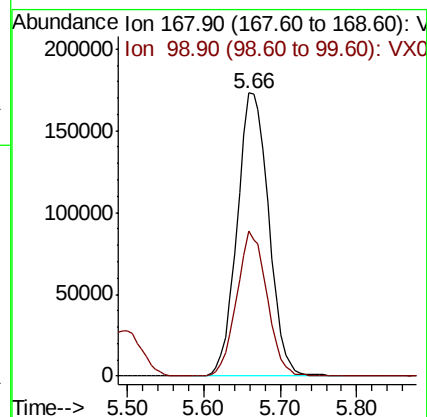
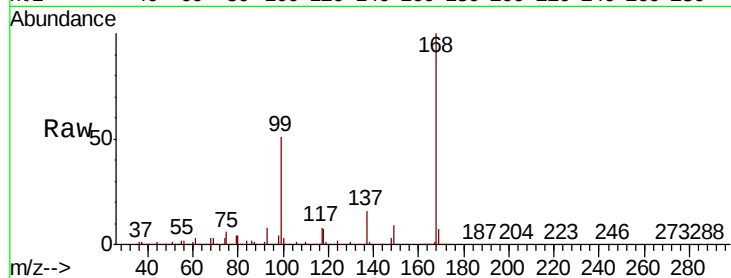
99 51.2 37.9 56.9

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 17.056 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007518.D

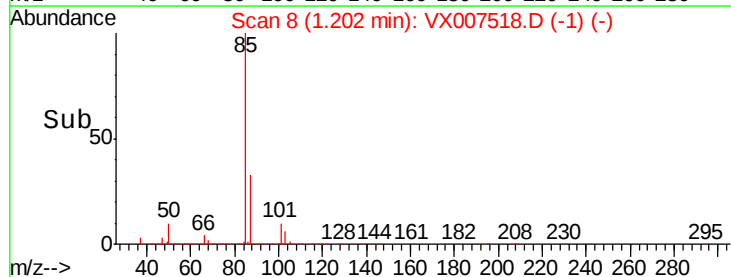
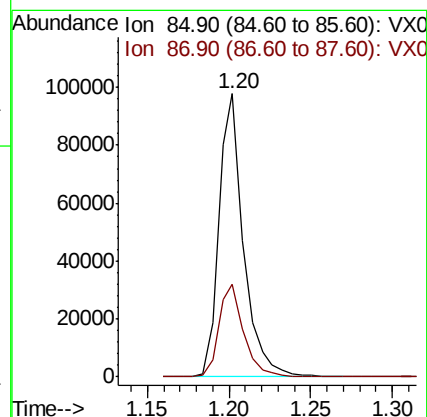
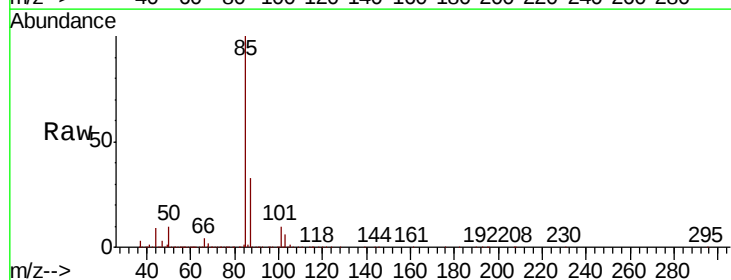
Acq: 13 Feb 2019 14:17

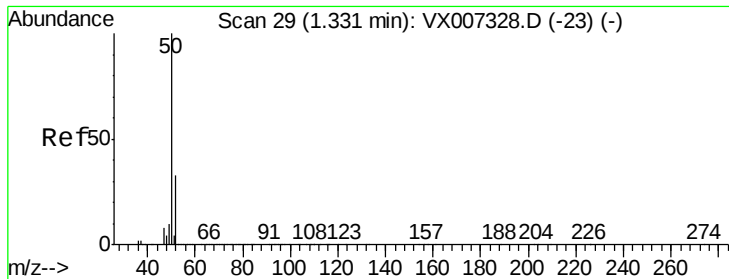
Tgt Ion: 85 Resp: 102992

Ion Ratio Lower Upper

85 100

87 32.7 15.8 47.4





#3

Chloromethane

Concen: 17.181 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007518.D

Acq: 13 Feb 2019 14:17

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBSD01

Tot Ion: 50 Resp: 95757

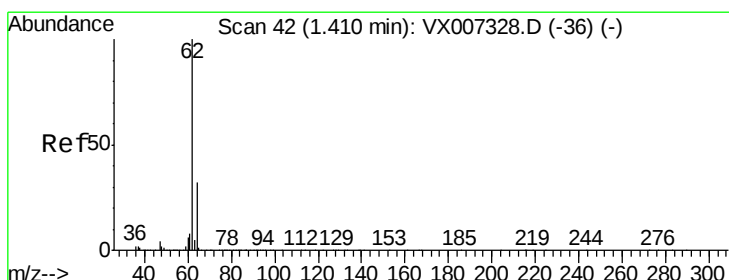
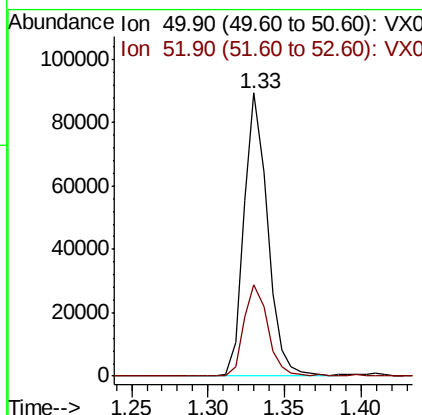
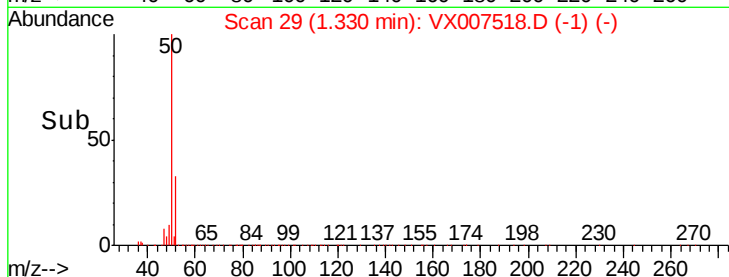
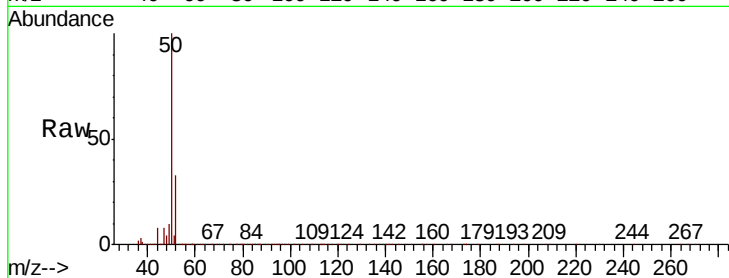
Ion Ratio Lower Upper

50 100

52 32.4 26.1 39.1

Manual Integrations
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#4

Vinyl Chloride

Concen: 19.279 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007518.D

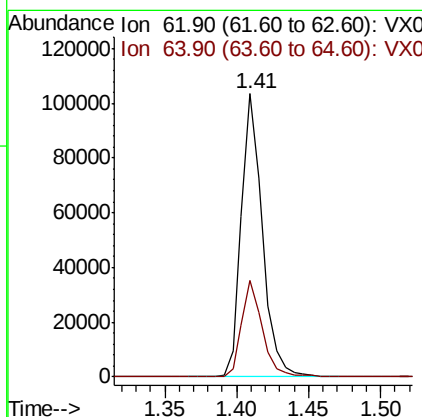
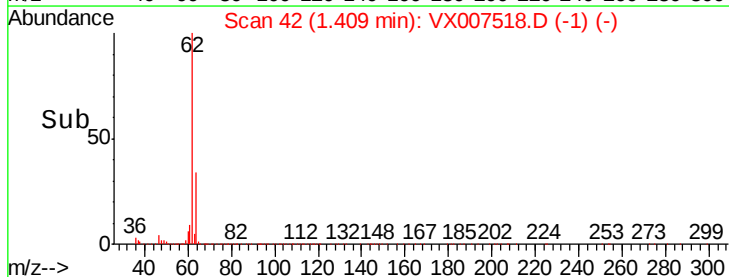
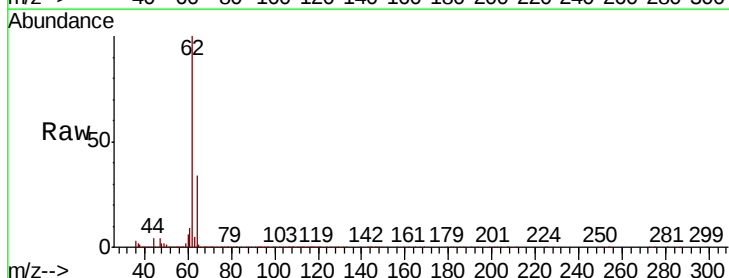
Acq: 13 Feb 2019 14:17

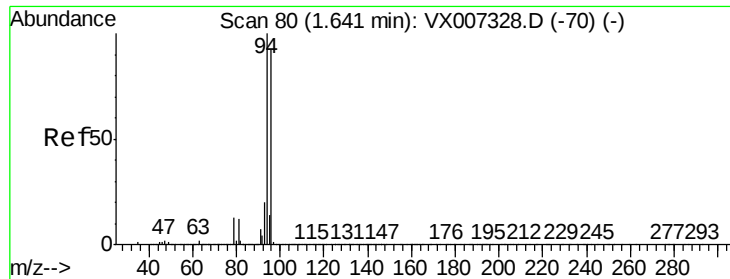
Tgt Ion: 62 Resp: 105407

Ion Ratio Lower Upper

62 100

64 33.7 25.4 38.0





#5

Bromomethane

Concen: 15.801 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007518.D

Acq: 13 Feb 2019 14:17

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBSD01

Tot Ion: 94 Resp: 87240

Ion Ratio Lower Upper

94 100

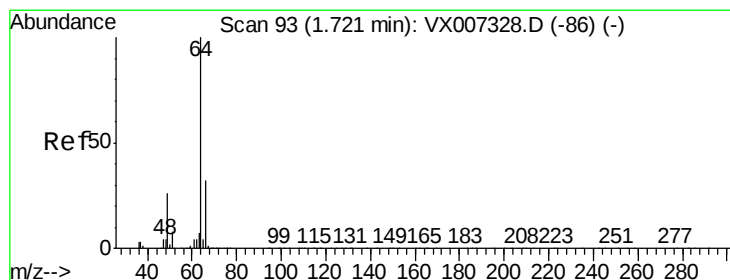
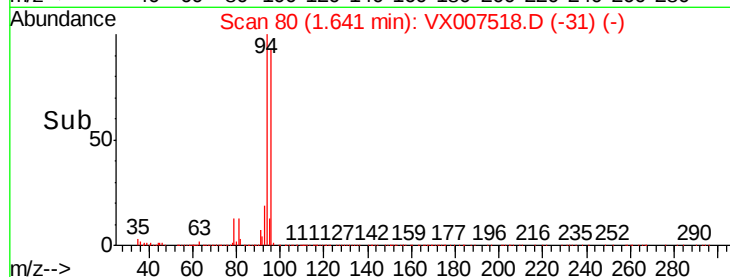
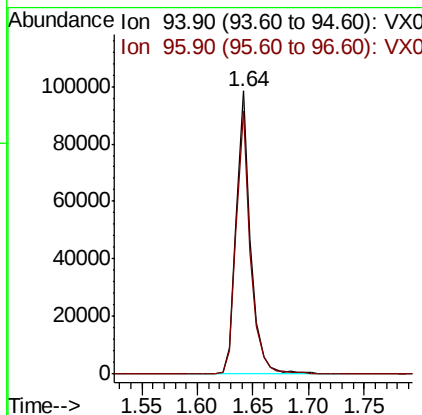
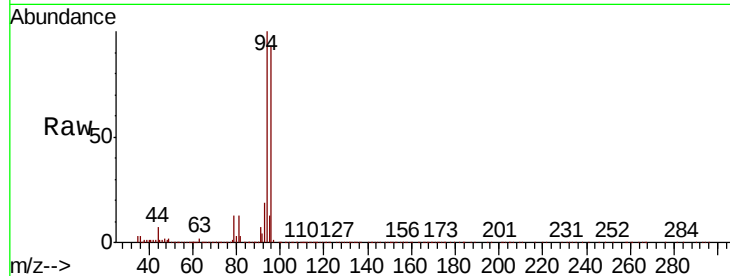
96 92.7 73.9 110.9

Manual Integrations

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#6

Chloroethane

Concen: 19.729 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007518.D

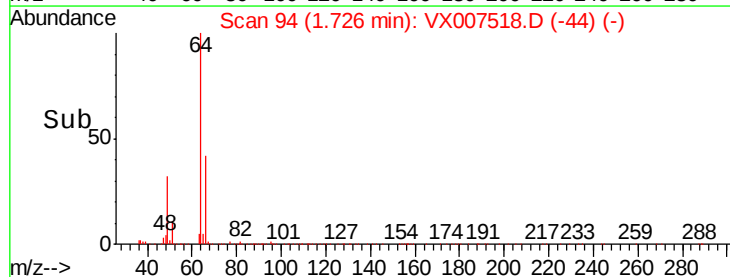
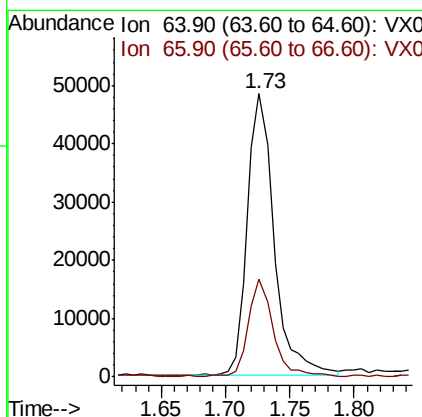
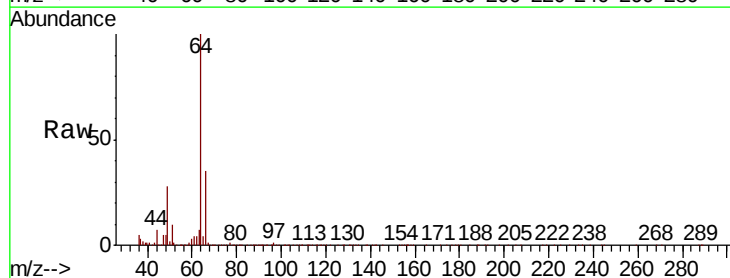
Acq: 13 Feb 2019 14:17

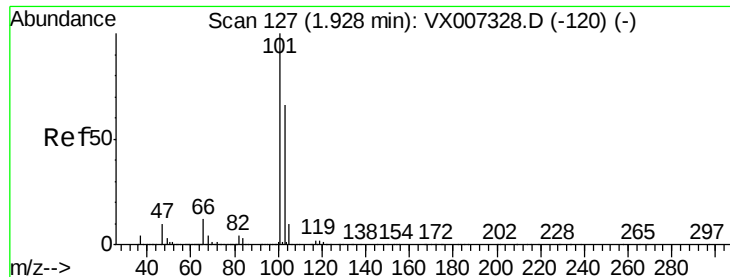
Tgt Ion: 64 Resp: 69779

Ion Ratio Lower Upper

64 100

66 34.4 25.5 38.3





#7

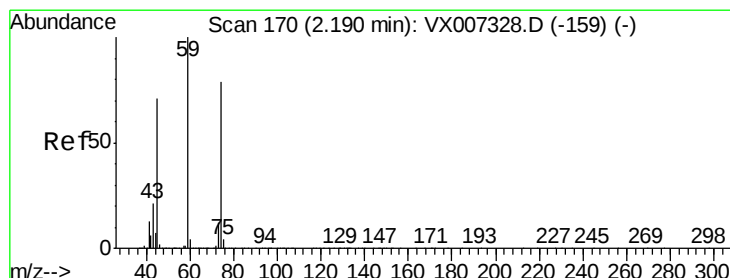
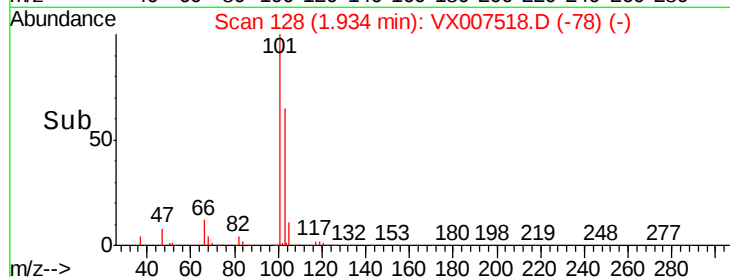
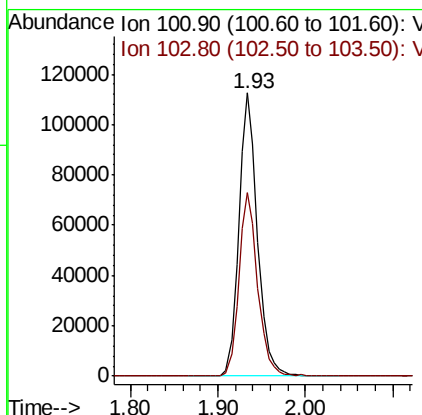
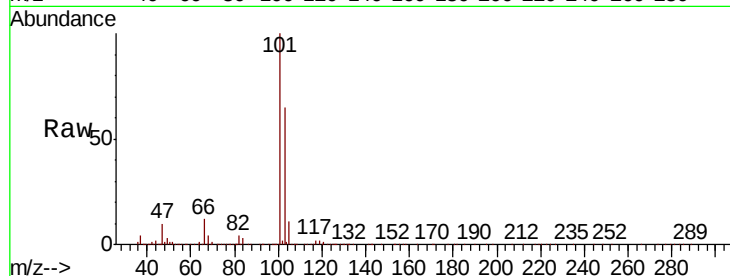
Trichlorofluoromethane
 Concen: 19.447 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: VX007518.D
 Acq: 13 Feb 2019 14:17

Instrument :
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 ClientSampleId :
 VX0214WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
101	100			
103	64.8	52.6	79.0	

Manual Integrations
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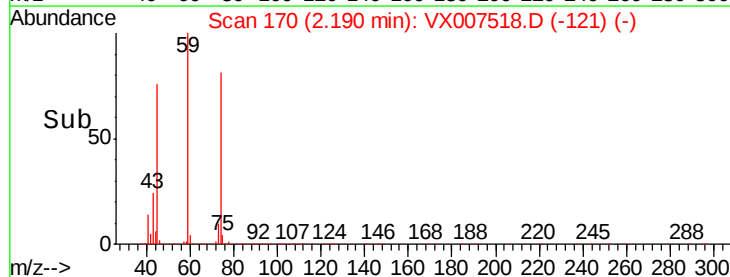
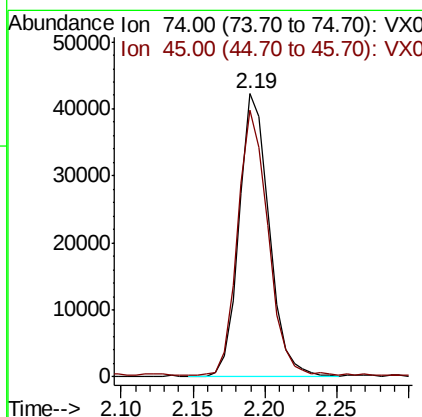
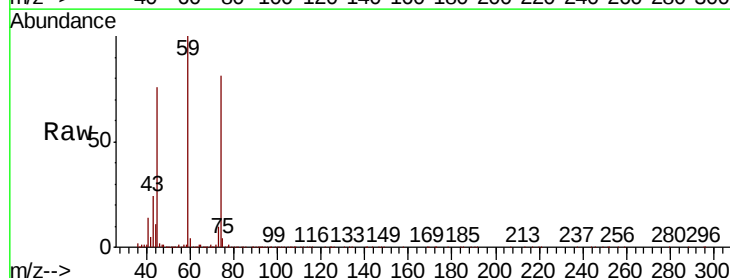
MMDadoda
 2/14/2019 10:57:05 AM

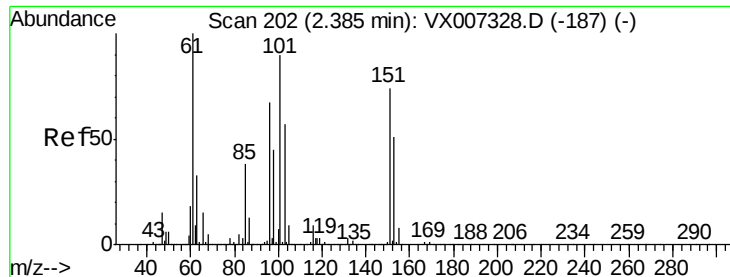


#8

Diethyl Ether
 Concen: 18.945 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX007518.D
 Acq: 13 Feb 2019 14:17

Tgt Ion	Ion	Ratio	Lower	Upper
74	100			
45	95.2	45.7	137.1	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.179 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX007518.D

Acq: 13 Feb 2019 14:17

Instrument :

MSVOA_X

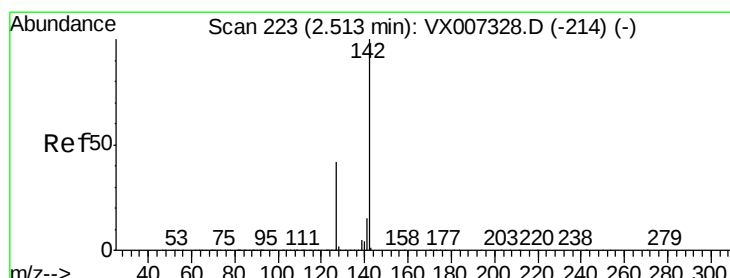
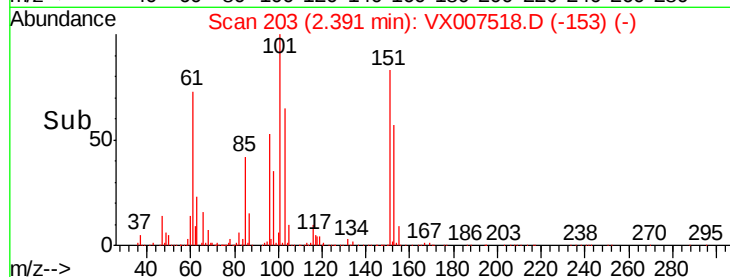
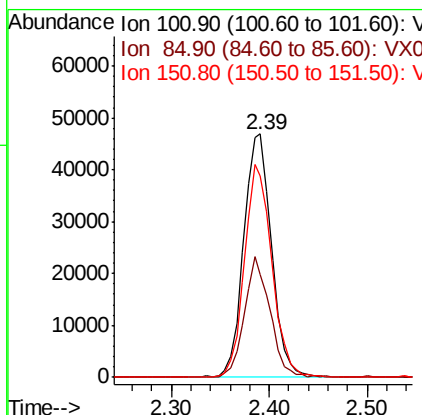
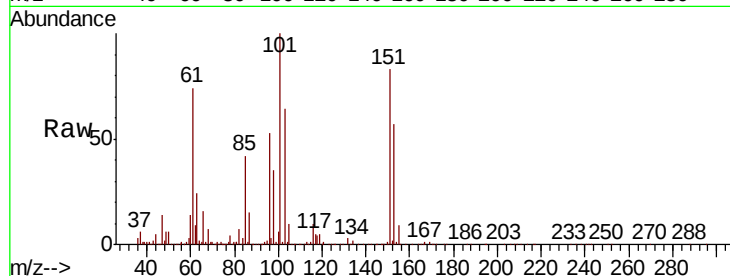
ClientSampleId :

VX0214WBSD01

Tot Ion:	101	Resp:	92489
Ion Ratio	Lower	Upper	
101	100		
85	45.5	34.1	51.1
151	86.0	69.9	104.9

Manual Integrations
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2/14/2019 10:57:05 AM



#10

Methyl Iodide

Concen: 15.387 ug/l

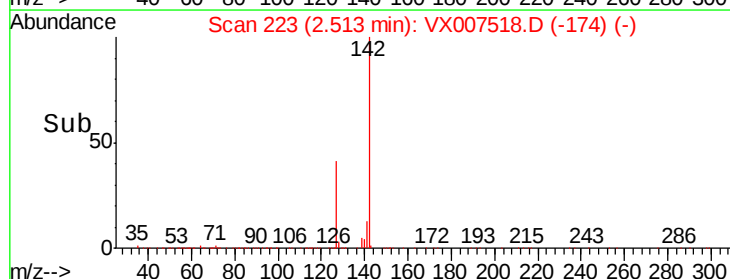
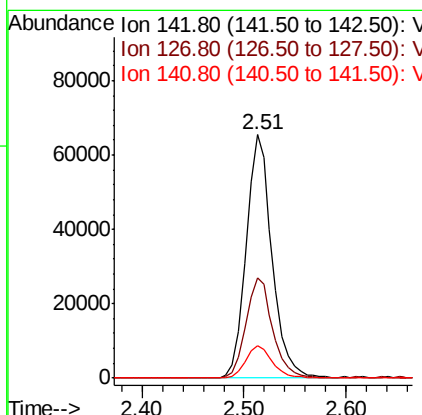
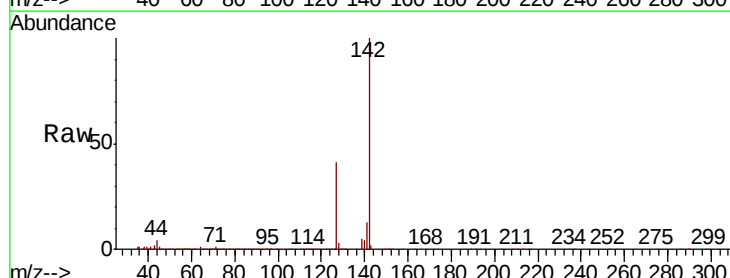
RT: 2.51 min Scan# 223

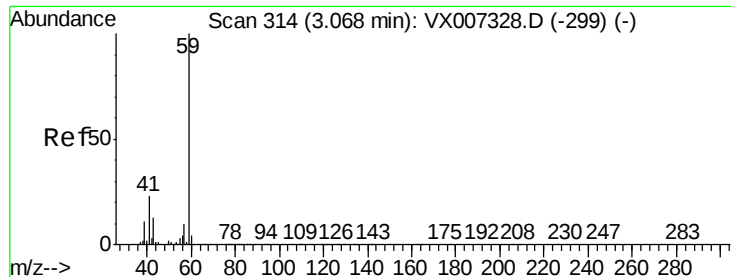
Delta R.T. -0.00 min

Lab File: VX007518.D

Acq: 13 Feb 2019 14:17

Tgt Ion:	142	Resp:	115160
Ion Ratio	Lower	Upper	
142	100		
127	42.7	33.7	50.5
141	13.9	11.3	16.9





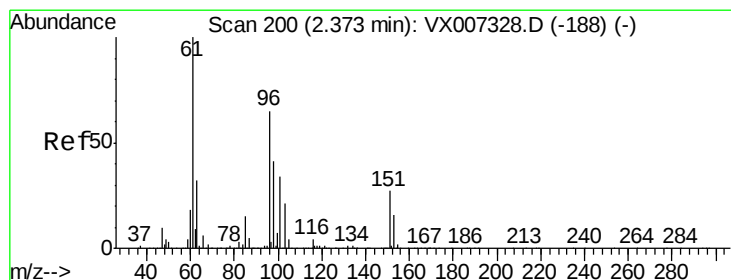
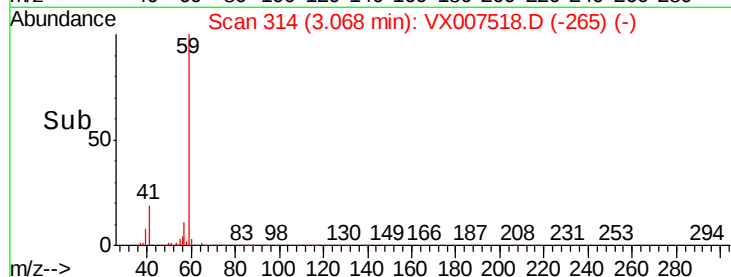
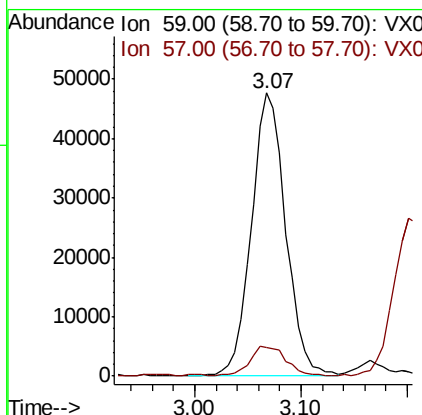
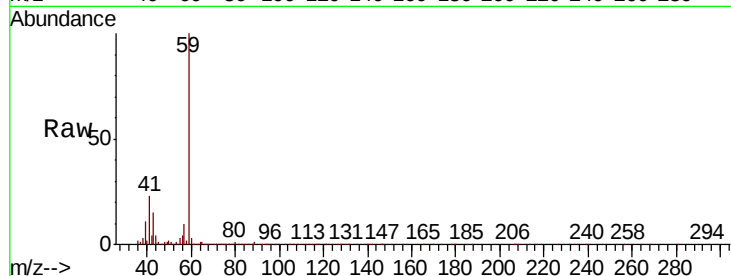
#11
Tert butyl alcohol
Concen: 99.357 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.00 min
Lab File: VX007518.D
Acq: 13 Feb 2019 14:17

Instrument :
MSVOA_X
ClientSampleID :
VX0214WBSD01

Tot Ion: 59 Resp: 107991
Ion Ratio Lower Upper
59 100
57 10.6 8.1 12.1

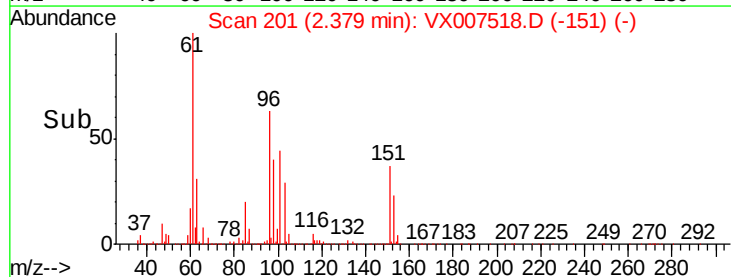
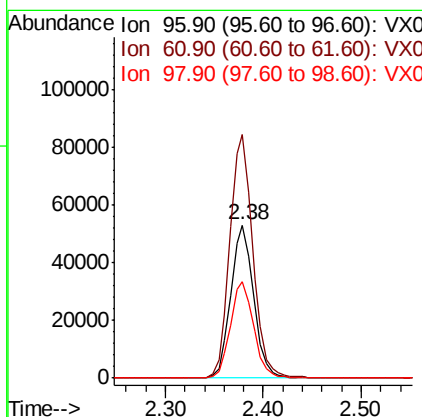
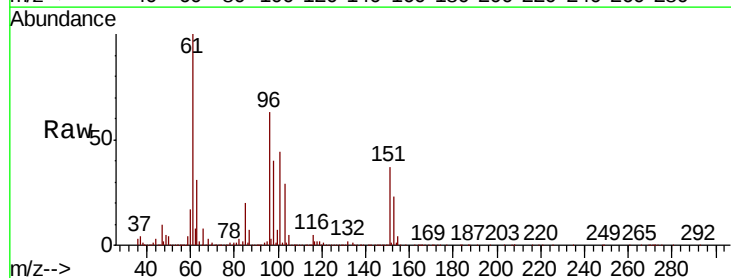
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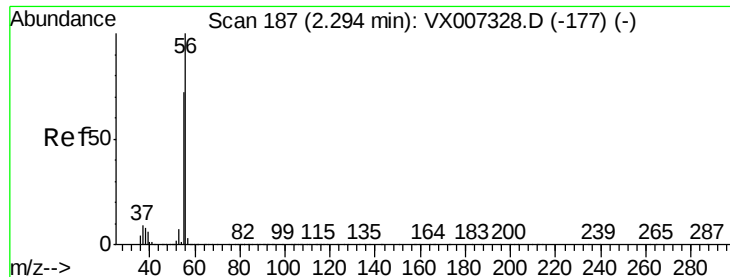
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#12
1,1-Dichloroethene
Concen: 18.113 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007518.D
Acq: 13 Feb 2019 14:17

Tgt Ion: 96 Resp: 85575
Ion Ratio Lower Upper
96 100
61 159.1 123.0 184.4
98 63.4 50.9 76.3





#13

Acrolein

Concen: 83.386 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX007518.D

Acq: 13 Feb 2019 14:17

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBSD01

Tot Ion: 56 Resp: 42500

Ion Ratio Lower Upper

56 100

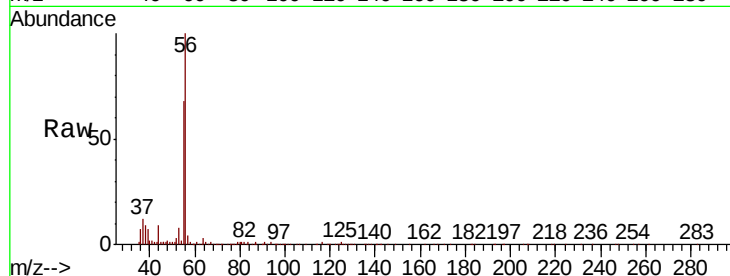
55 72.4 56.9 85.3

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

30000

25000

20000

15000

10000

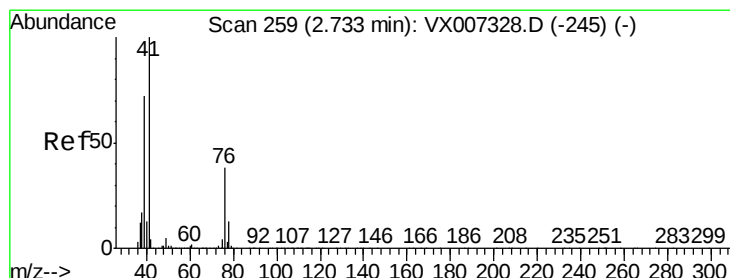
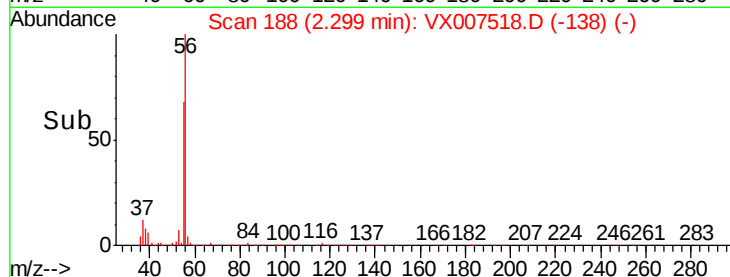
5000

0

Time-->

2.20 2.25 2.30 2.35 2.40

2.30



#14

Allyl chloride

Concen: 19.280 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX007518.D

Acq: 13 Feb 2019 14:17

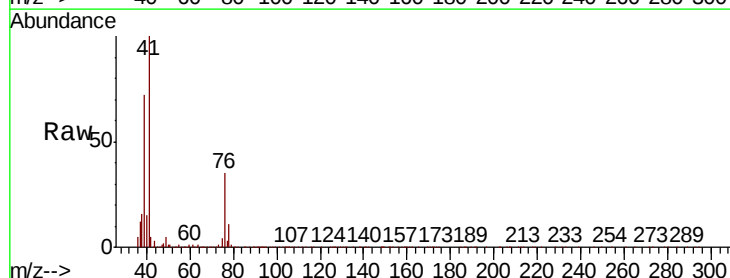
Tgt Ion: 41 Resp: 148416

Ion Ratio Lower Upper

41 100

39 70.6 54.1 81.1

76 32.5 27.8 41.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

150000

100000

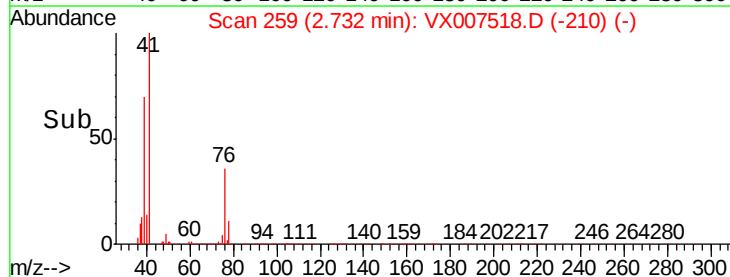
50000

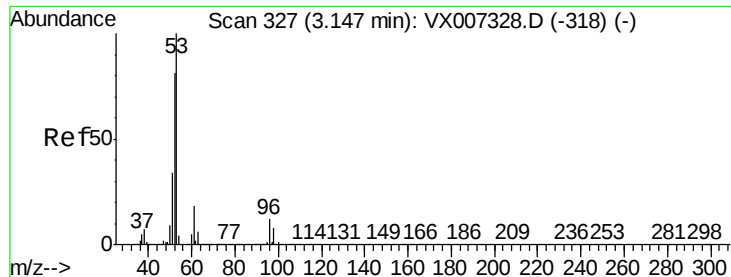
0

Time-->

2.60 2.70 2.80

2.73





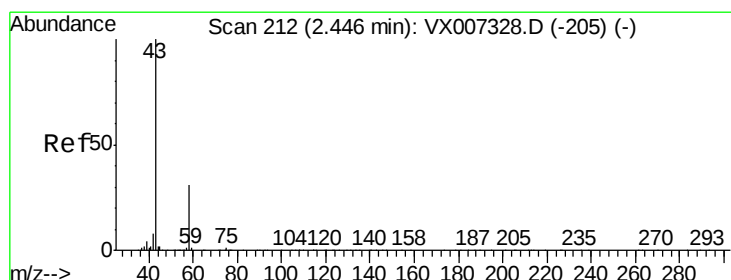
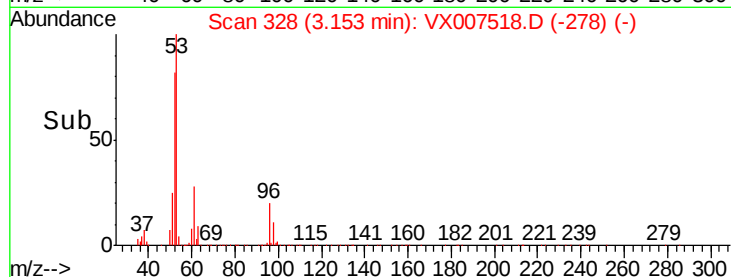
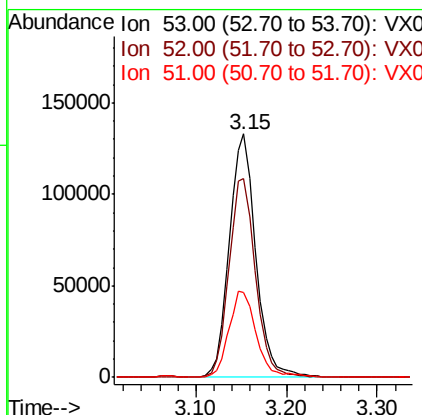
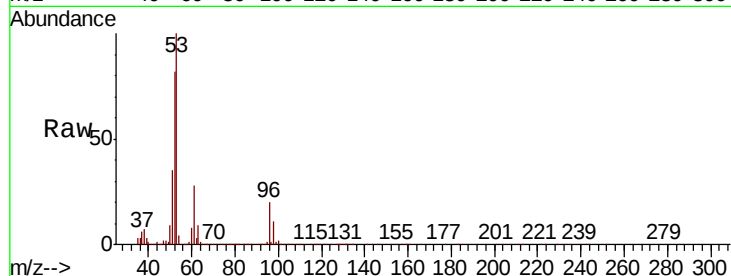
#15
Acrylonitrile
Concen: 99.261 ug/l
RT: 3.15 min Scan# 328
Delta R.T. 0.01 min
Lab File: VX007518.D
Acq: 13 Feb 2019 14:17

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Tot Ion:	53	Resp:	266889
Ion Ratio	Lower	Upper	
53	100		
52	82.1	66.4	99.6
51	36.5	28.4	42.6

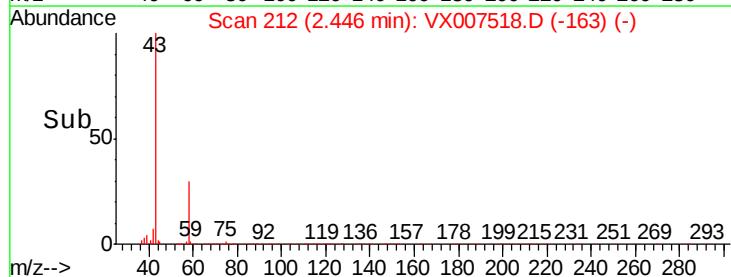
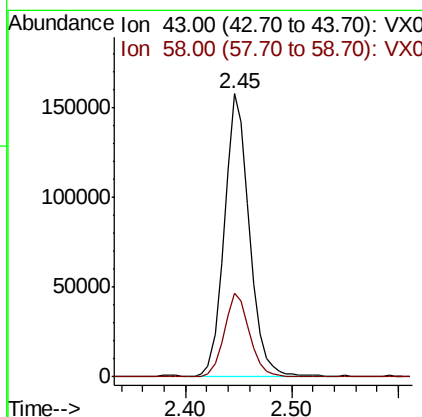
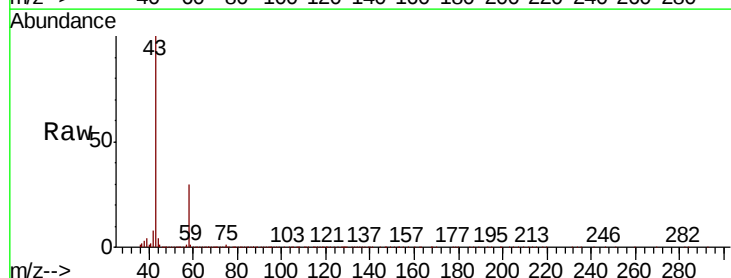
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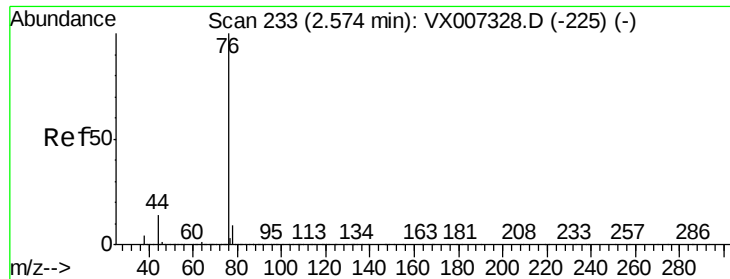
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#16
Acetone
Concen: 106.872 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX007518.D
Acq: 13 Feb 2019 14:17

Tgt Ion:	43	Resp:	257111
Ion Ratio	Lower	Upper	
43	100		
58	29.8	24.9	37.3





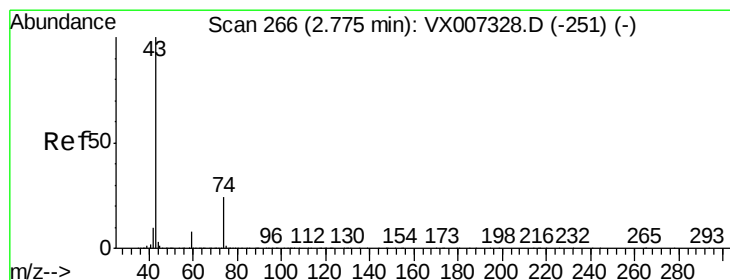
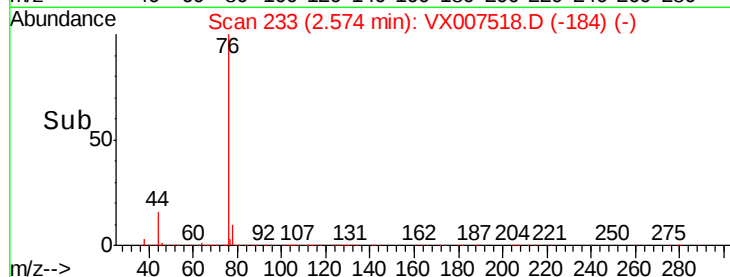
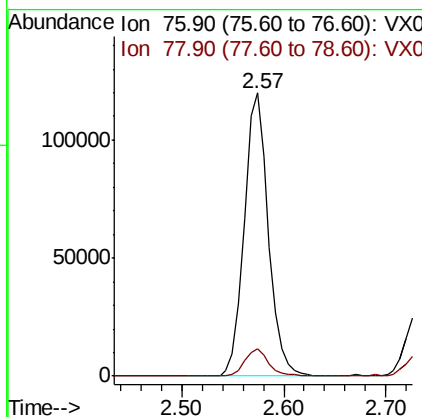
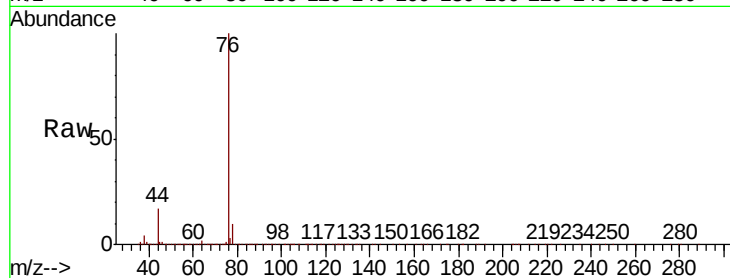
#17
Carbon Disulfide
Concen: 17.363 ug/l
RT: 2.57 min Scan# 233
Delta R.T. -0.00 min
Lab File: VX007518.D
Acq: 13 Feb 2019 14:17

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.1	10.7

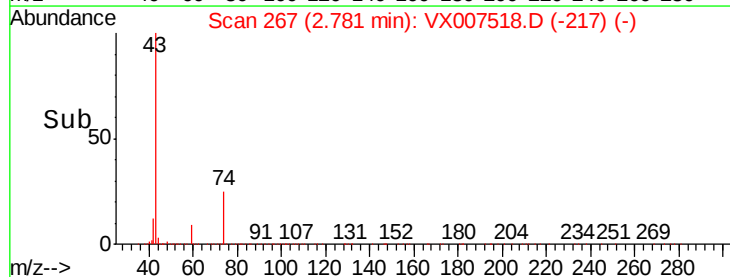
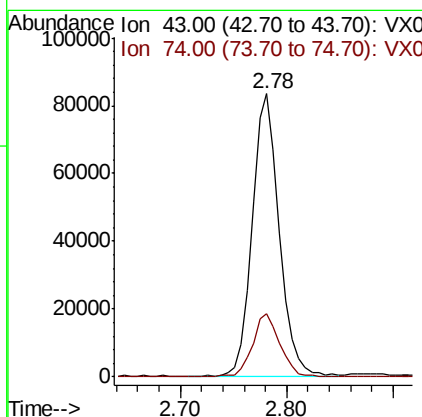
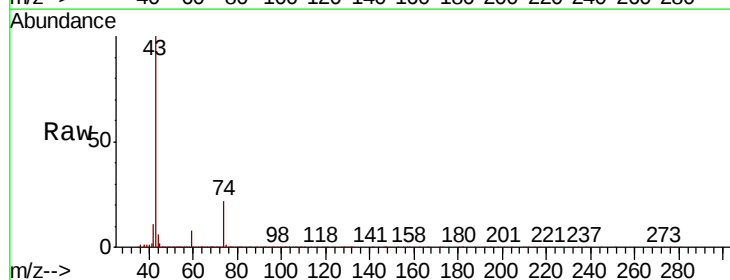
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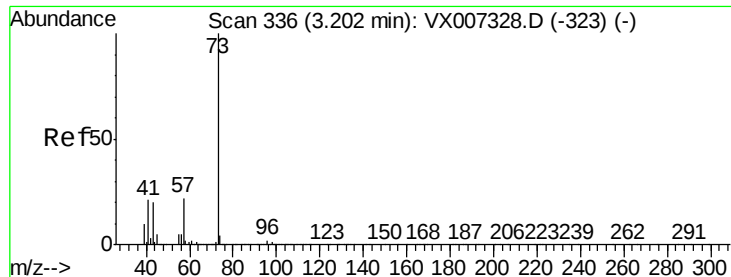
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#18
Methyl Acetate
Concen: 23.831 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX007518.D
Acq: 13 Feb 2019 14:17

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.6	19.4	29.2





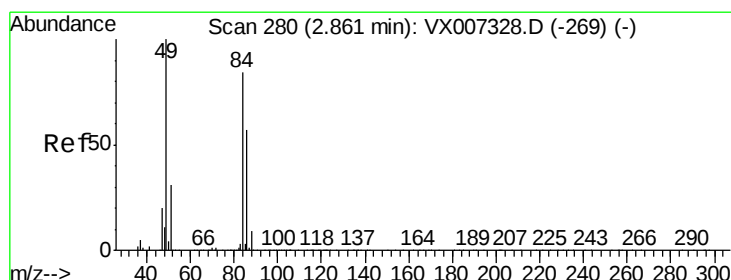
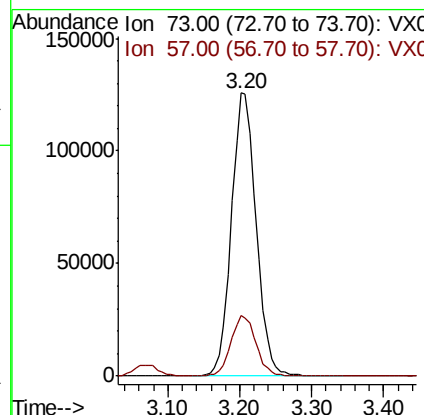
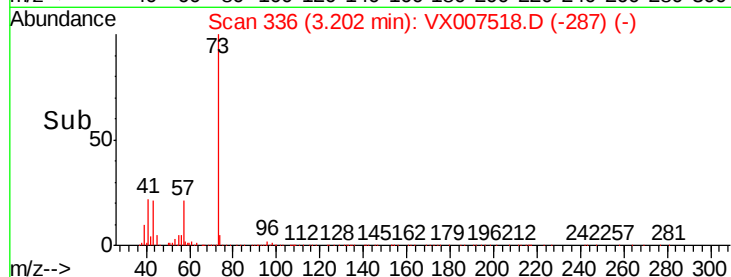
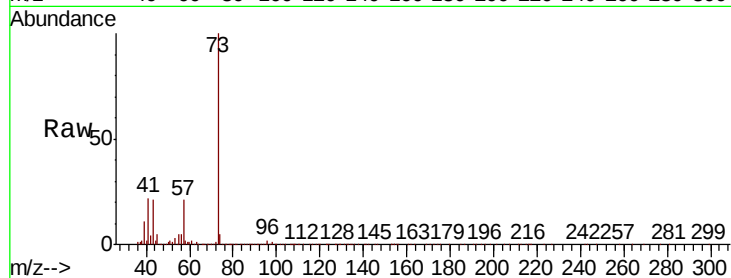
#19
Methvl tert-butvl Ether
Concen: 19.638 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007518.D
Acq: 13 Feb 2019 14:17

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.1	17.8	26.8

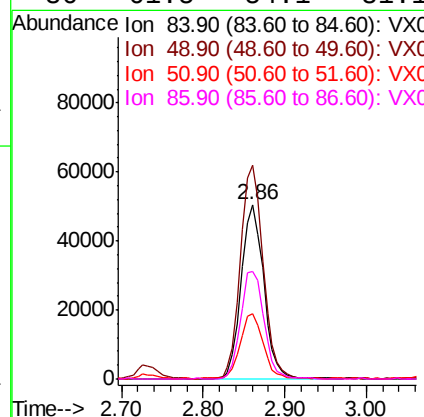
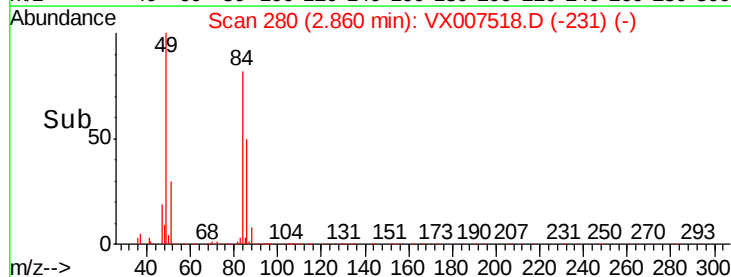
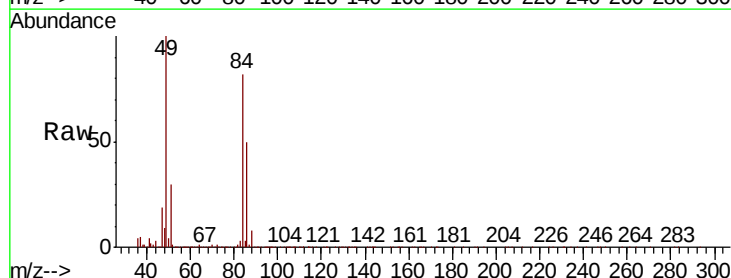
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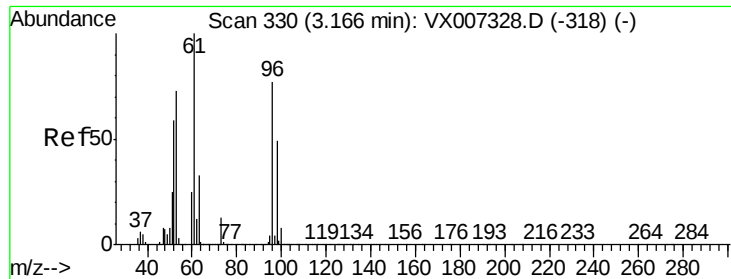
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#20
Methylene Chloride
Concen: 19.454 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007518.D
Acq: 13 Feb 2019 14:17

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.0	94.8	142.2
51	36.8	29.8	44.8
86	61.5	54.1	81.1





#21

trans-1,2-Dichloroethene

Concen: 17.996 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007518.D

Acq: 13 Feb 2019 14:17

Instrument :

MSVOA_X

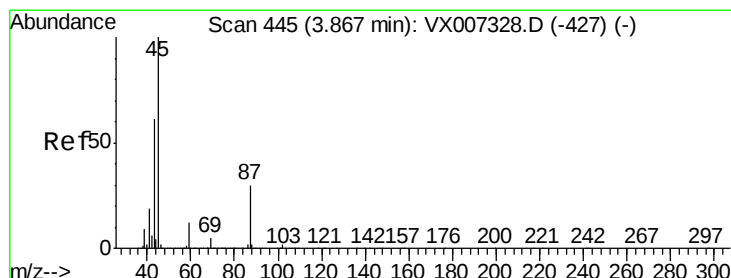
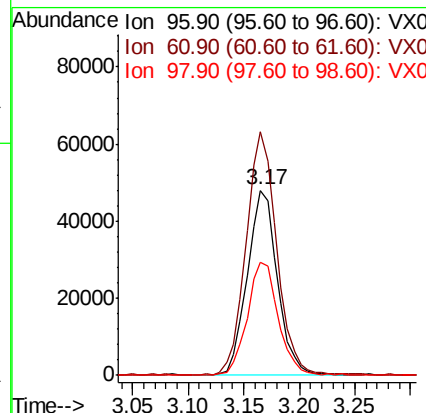
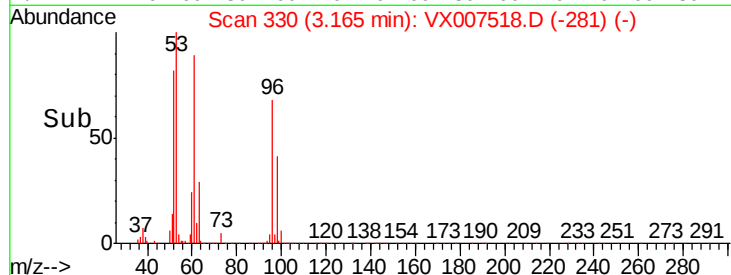
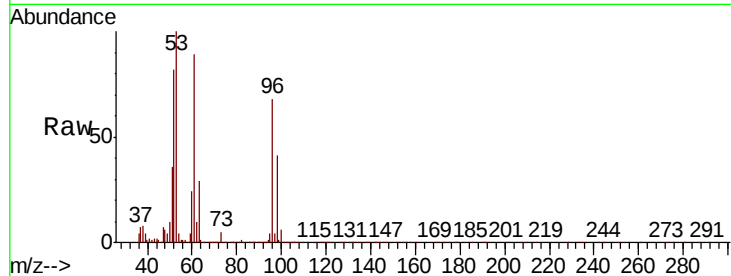
ClientSampleId :

VX0214WBSD01

Tot Ion:	96	Resp:	90568
Ion Ratio	Lower	Upper	
96	100		
61	131.1	104.6	156.8
98	60.9	51.0	76.4

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#22

Diisopropyl ether

Concen: 19.259 ug/l

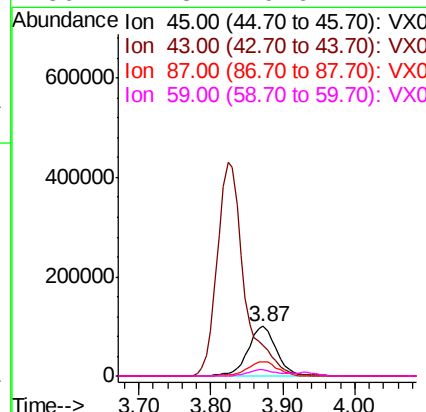
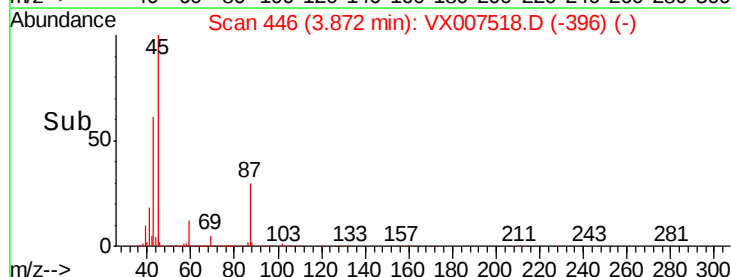
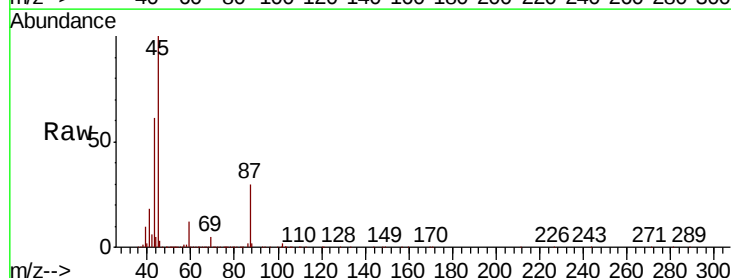
RT: 3.87 min Scan# 446

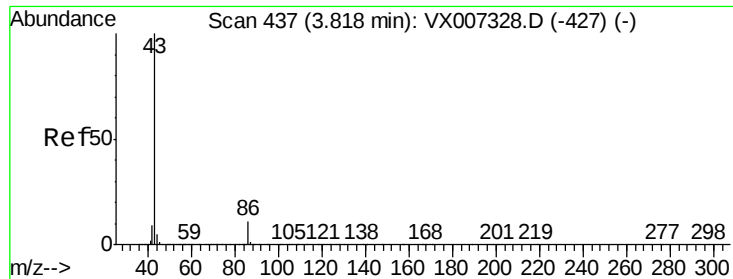
Delta R.T. 0.01 min

Lab File: VX007518.D

Acq: 13 Feb 2019 14:17

Tgt Ion:	45	Resp:	272694
Ion Ratio	Lower	Upper	
45	100		
43	60.6	48.9	73.3
87	29.8	23.9	35.9
59	12.3	9.6	14.4





#23

Vinyl Acetate

Concen: 96.270 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007518.D

Acq: 13 Feb 2019 14:17

Instrument :

MSVOA_X

ClientSampleID :

VX0214WBSD01

Tot Ion: 43 Resp: 1131170

Ion Ratio Lower Upper

43 100

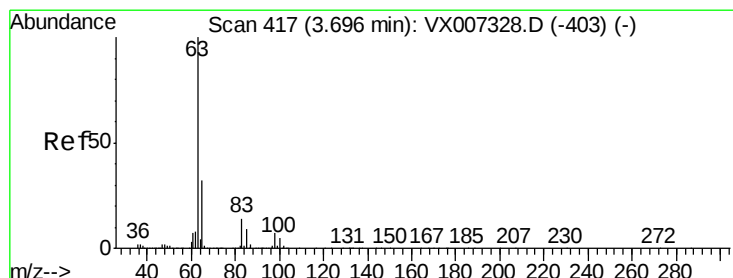
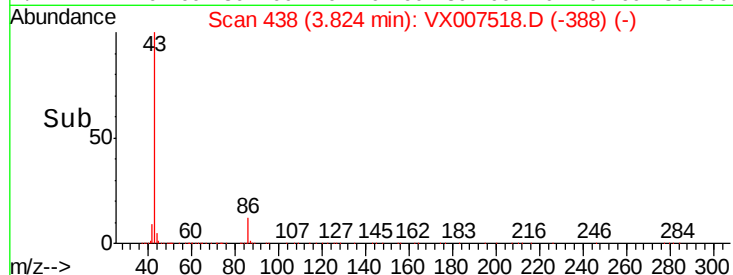
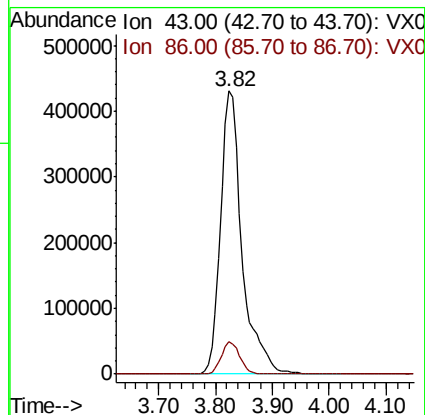
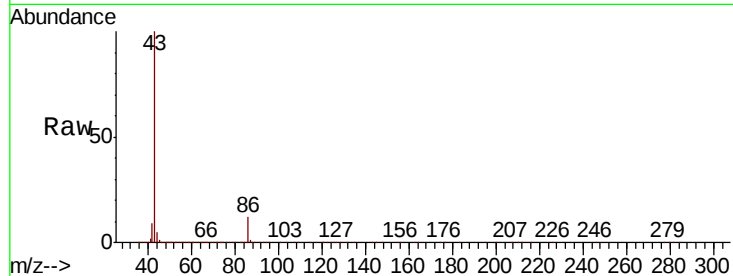
86 11.7 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 18.890 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX007518.D

Acq: 13 Feb 2019 14:17

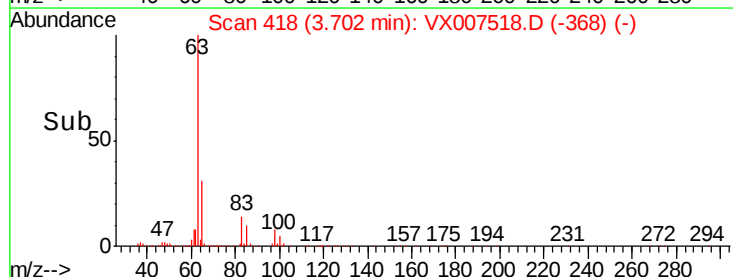
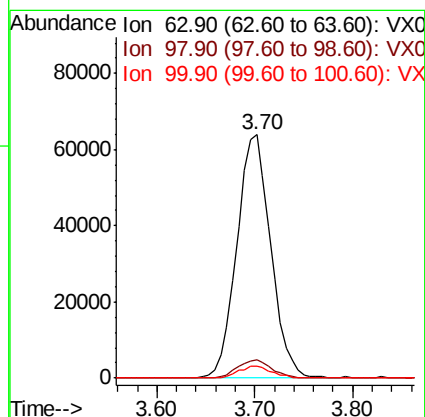
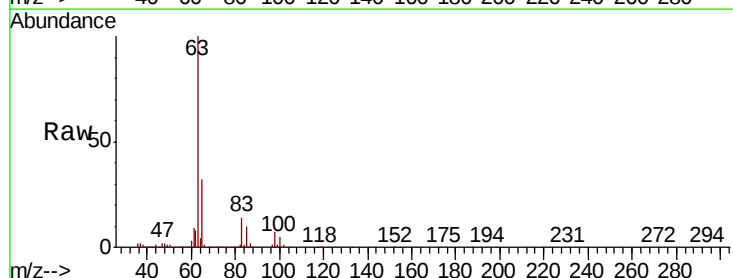
Tgt Ion: 63 Resp: 153606

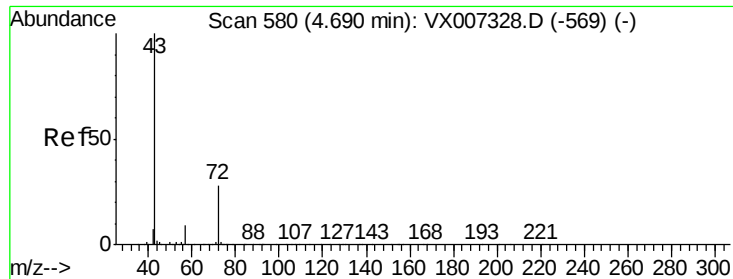
Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.8

100 5.0 2.5 7.4





#25

2-Butanone

Concen: 99.343 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007518.D

Acq: 13 Feb 2019 14:17

Instrument :

MSVOA_X

ClientSampled :

VX0214WBSD01

Tot Ion: 43 Resp: 340125

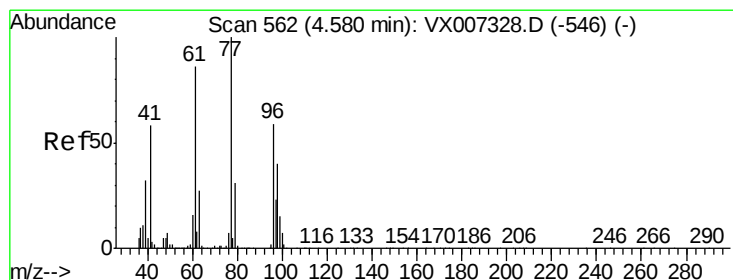
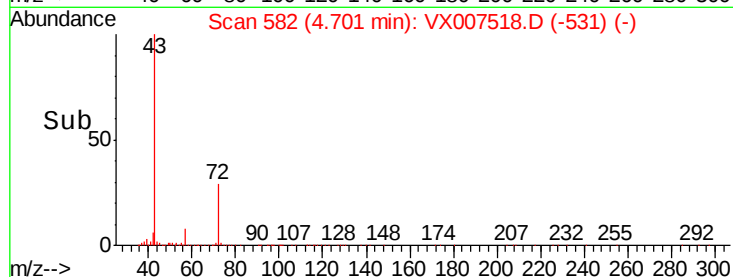
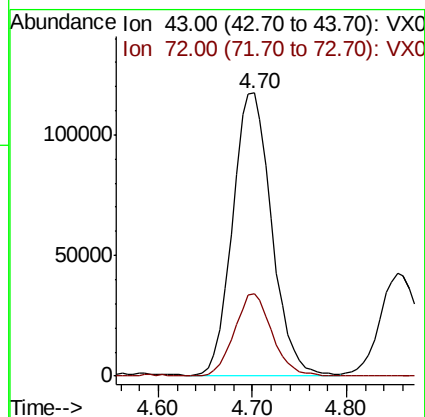
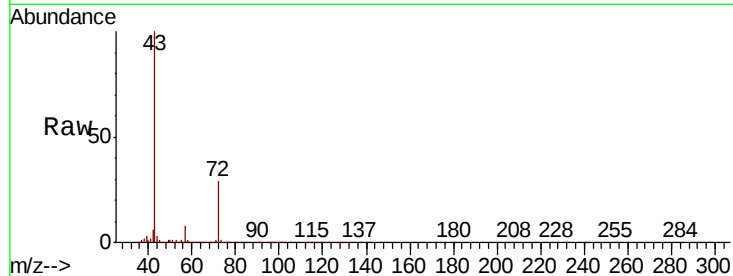
Ion Ratio Lower Upper

43 100

72 29.1 22.2 33.2

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#26

2,2-Dichloropropane

Concen: 18.090 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX007518.D

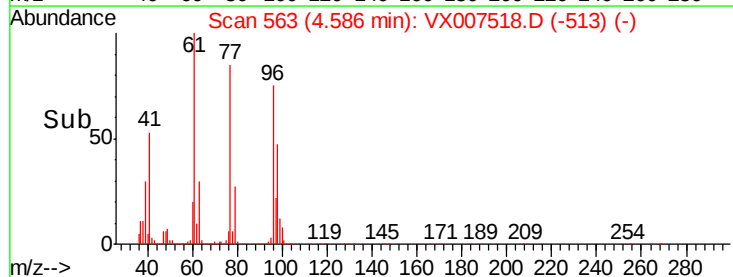
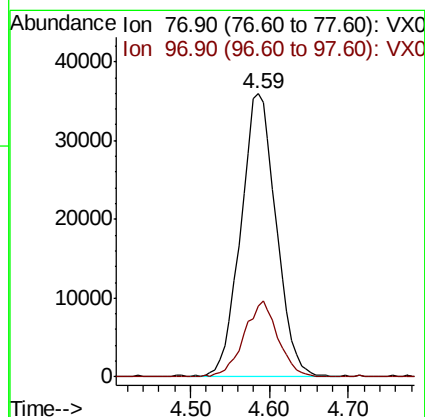
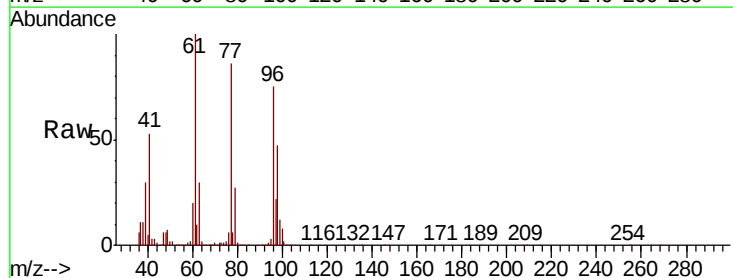
Acq: 13 Feb 2019 14:17

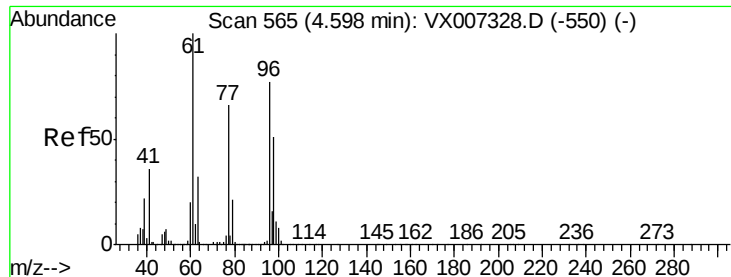
Tgt Ion: 77 Resp: 112025

Ion Ratio Lower Upper

77 100

97 25.9 12.1 36.3





#27

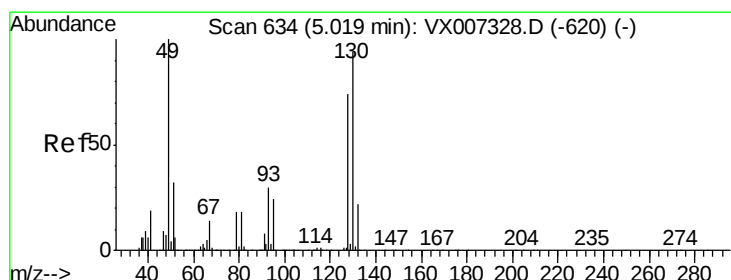
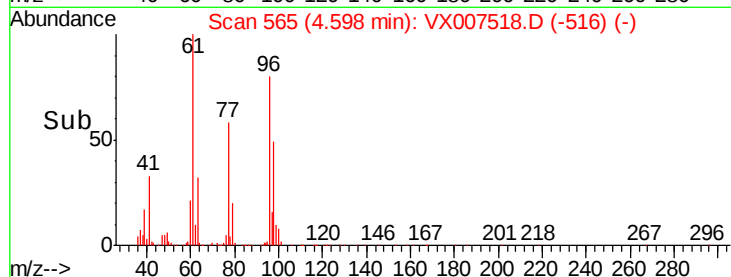
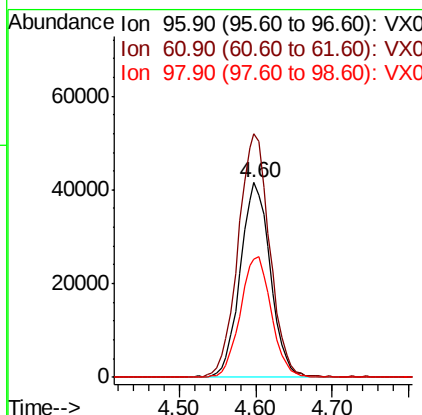
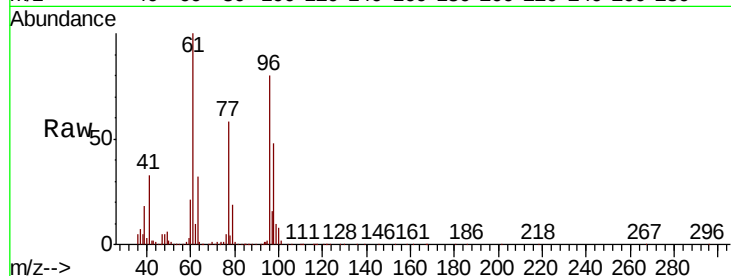
cis-1,2-Dichloroethene
 Concen: 20.717 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX007518.D
 Acq: 13 Feb 2019 14:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0214WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	113878		
61	129.8	0.0	265.6	
98	63.7	0.0	131.6	

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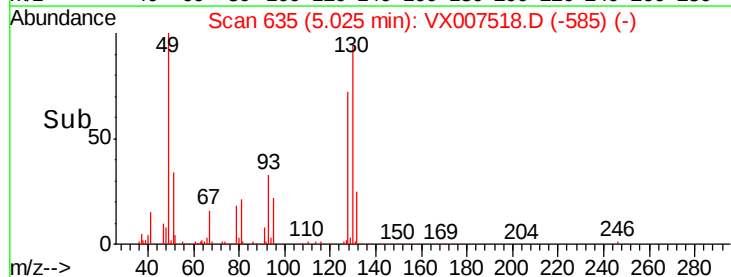
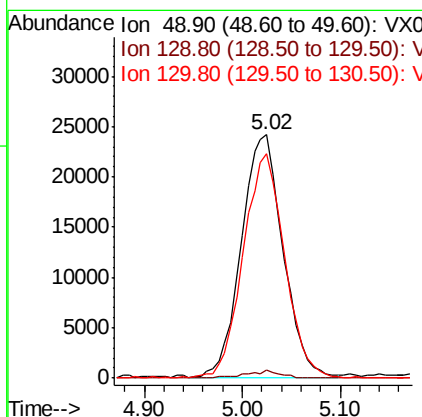
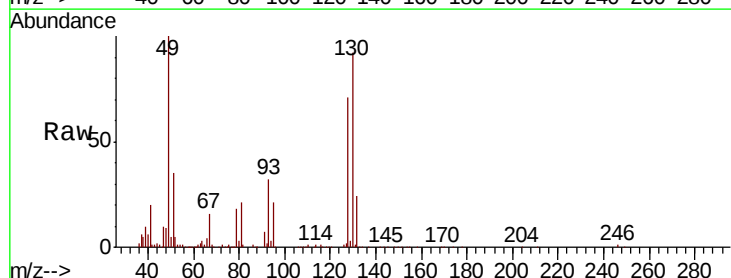
MMDadoda
 2/14/2019 10:57:05 AM



#28

Bromochloromethane
 Concen: 19.244 ug/l
 RT: 5.02 min Scan# 635
 Delta R.T. 0.01 min
 Lab File: VX007518.D
 Acq: 13 Feb 2019 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	71960		
129	2.6	0.0	5.6	
130	91.1	75.6	113.4	





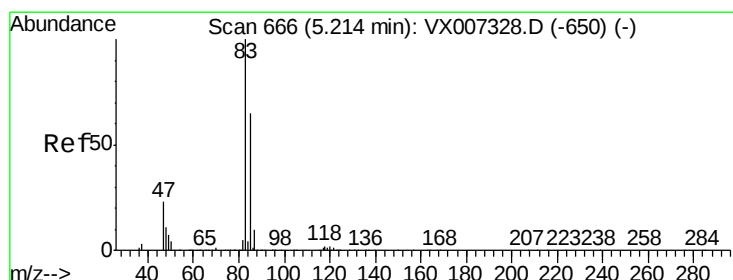
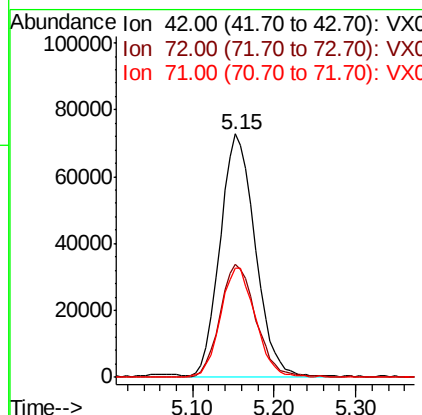
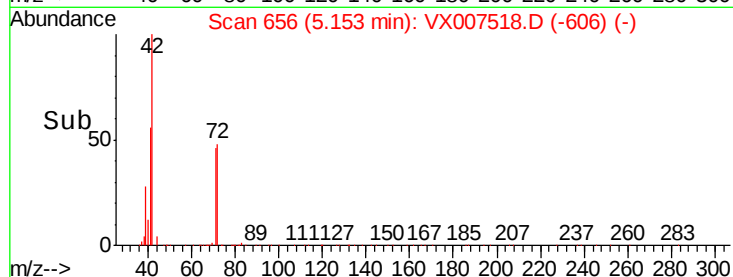
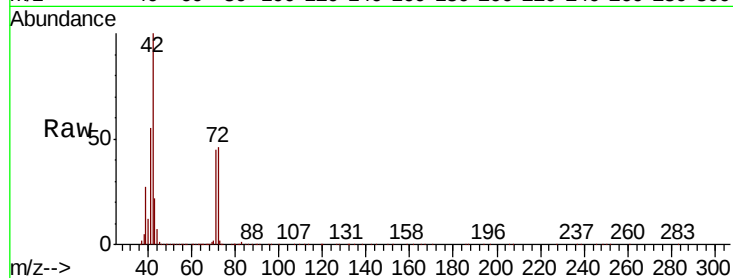
#29
Tetrahydrofuran
Concen: 100.583 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX007518.D
Acq: 13 Feb 2019 14:17

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.3	37.6	56.4
71	45.0	34.6	51.8

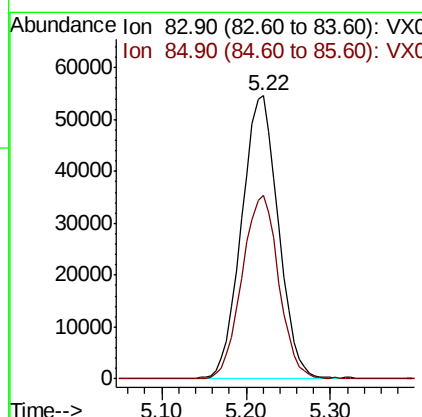
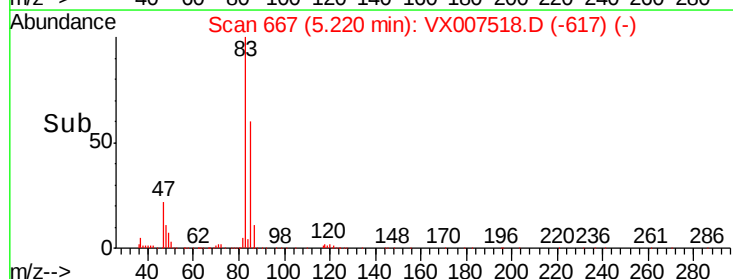
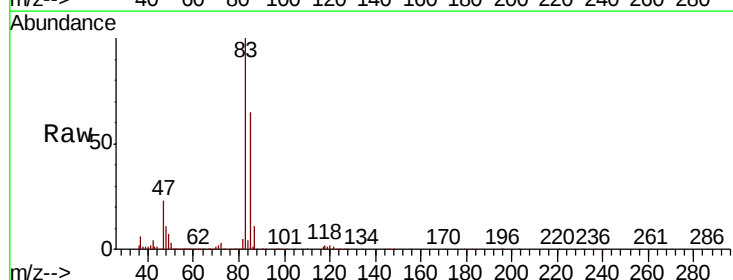
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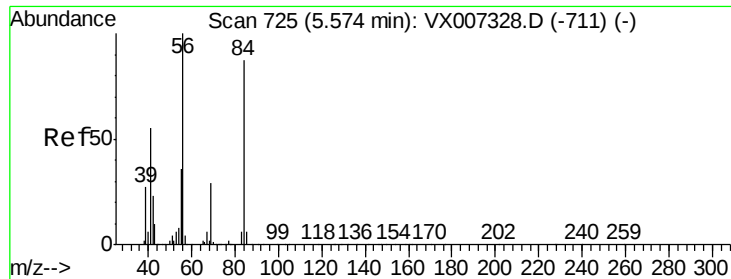
MMDadoda
2/14/2019 10:57:05 AM



#30
Chloroform
Concen: 19.034 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX007518.D
Acq: 13 Feb 2019 14:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.6	77.4





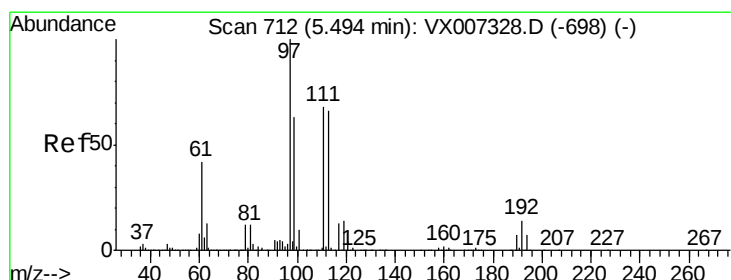
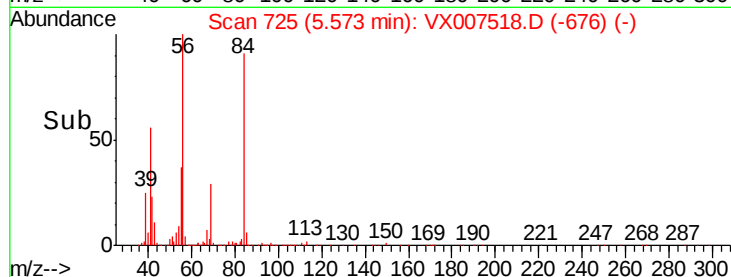
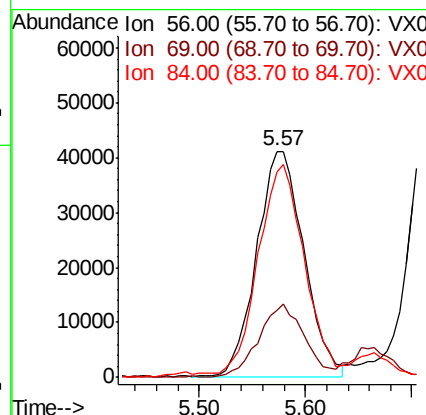
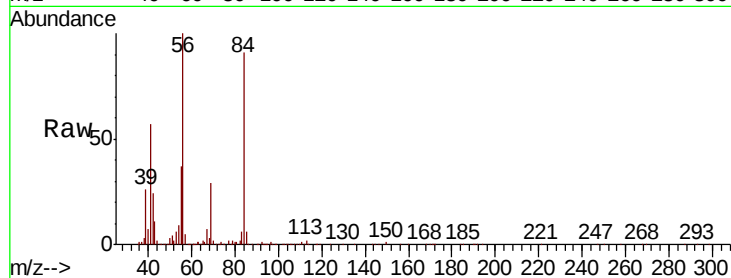
#31
Cyclohexane
Concen: 17.387 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007518.D
Acq: 13 Feb 2019 14:17

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.9	23.0	34.6
84	89.6	69.8	104.6

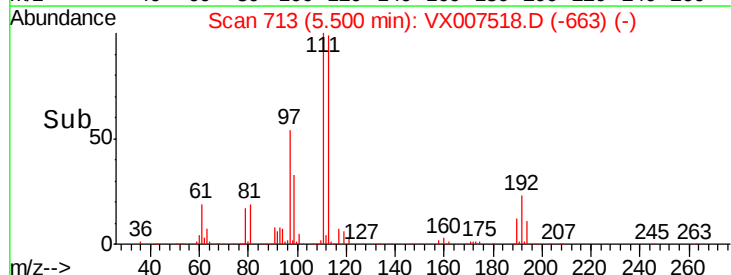
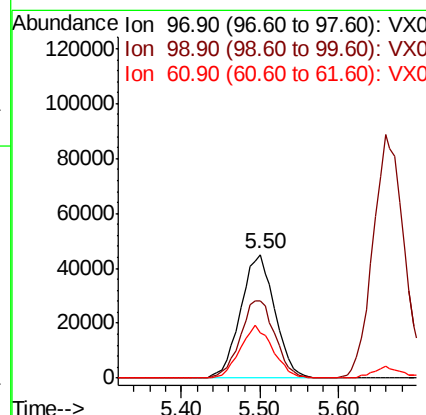
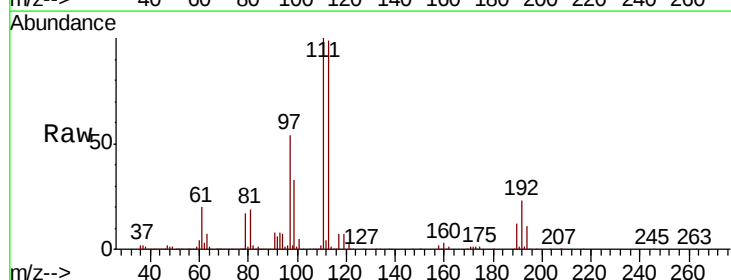
Manual Integrations
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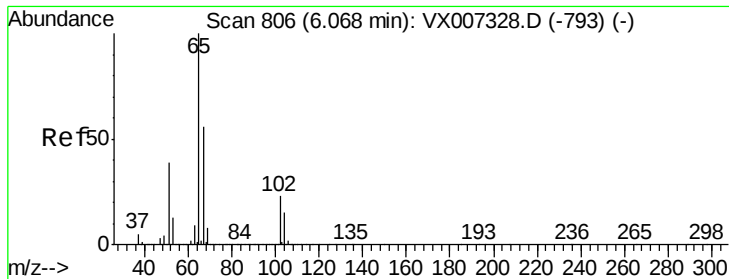
MMDadoda
2/14/2019 10:57:05 AM



#32
1,1,1-Trichloroethane
Concen: 18.901 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX007518.D
Acq: 13 Feb 2019 14:17

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	52.2	78.2
61	41.3	32.7	49.1





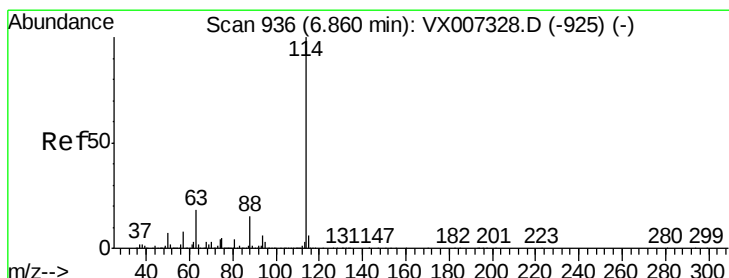
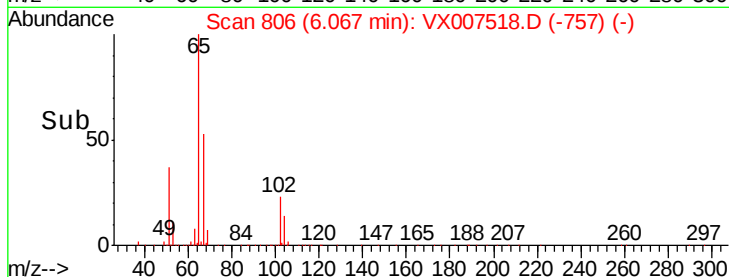
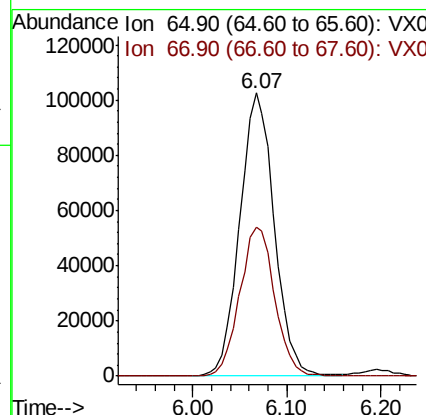
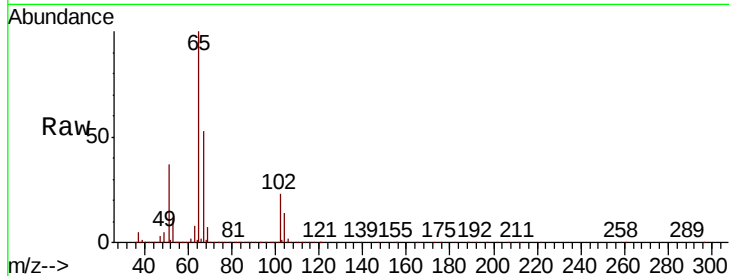
#33
 1,2-Dichloroethane-d4
 Concen: 49.706 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007518.D
 Acq: 13 Feb 2019 14:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0214WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	261057		
67	53.9	0.0	108.8	

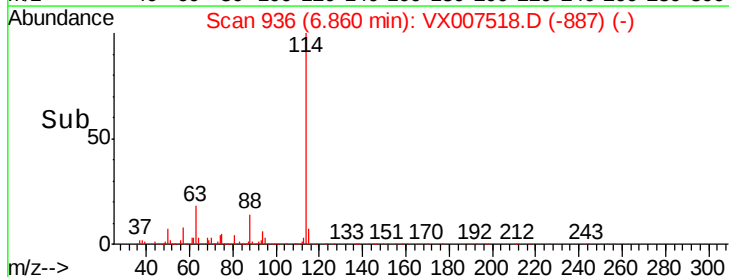
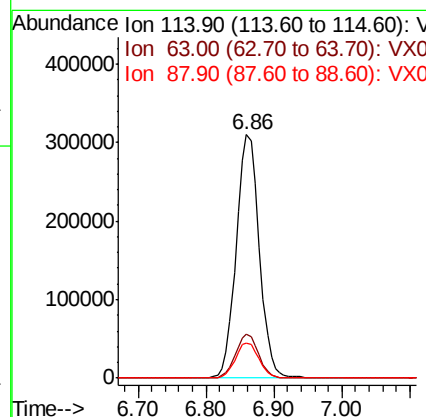
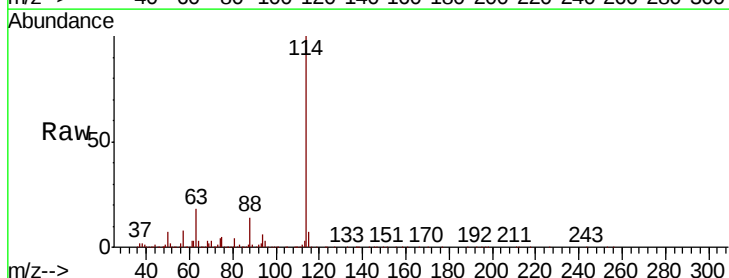
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007518.D
 Acq: 13 Feb 2019 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	730188		
63	18.3	0.0	35.6	
88	14.5	0.0	29.6	





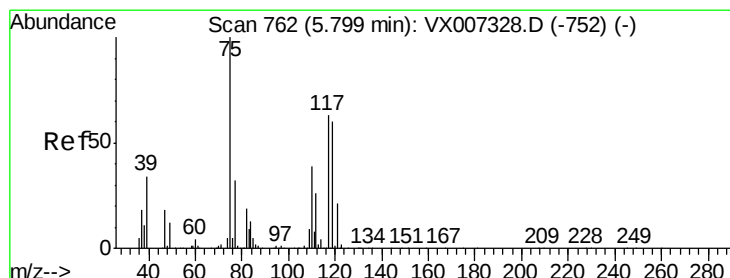
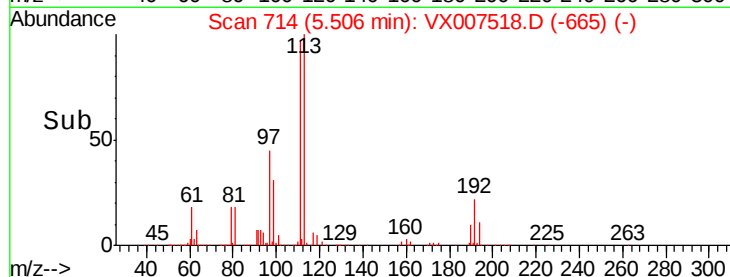
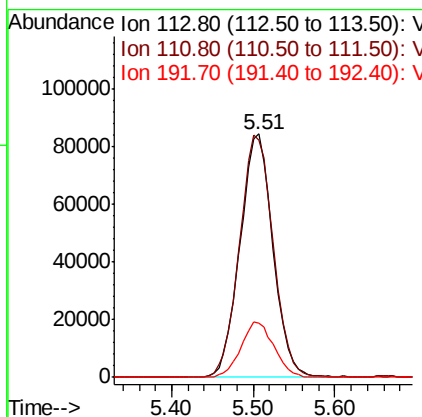
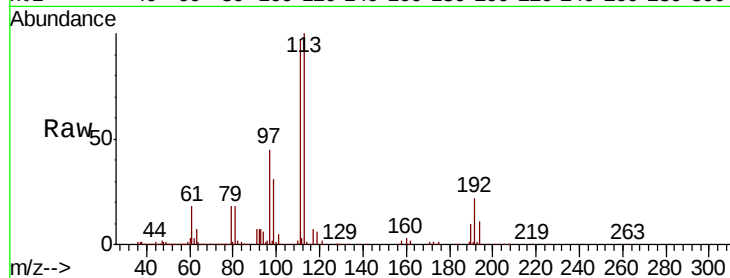
#35
Dibromofluoromethane
Concen: 49.805 ug/l
RT: 5.51 min Scan# 714
Delta R.T. -0.00 min
Lab File: VX007518.D
Acq: 13 Feb 2019 14:17

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	236625		
111	101.9		81.8	122.8
192	22.8		18.5	27.7

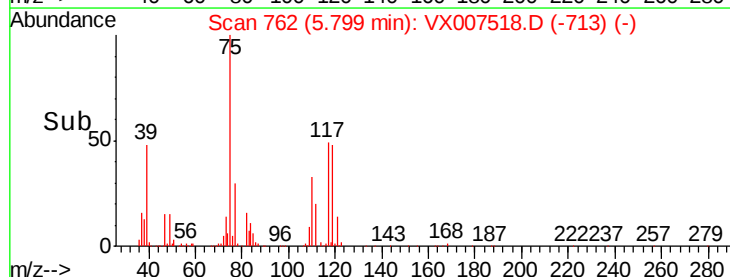
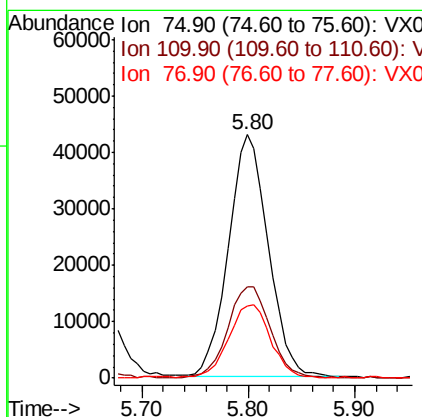
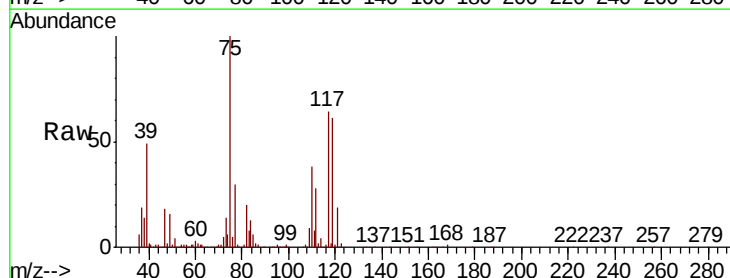
Manual Integrations
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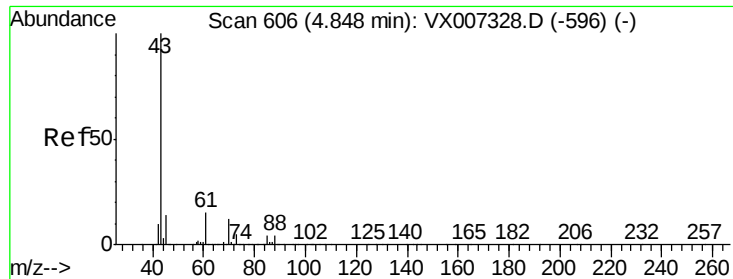
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#36
1,1-Dichloropropene
Concen: 17.217 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX007518.D
Acq: 13 Feb 2019 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	112800		
110	40.5		20.0	59.9
77	32.0		24.7	37.1





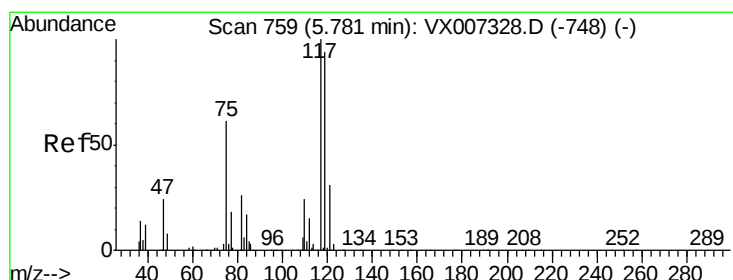
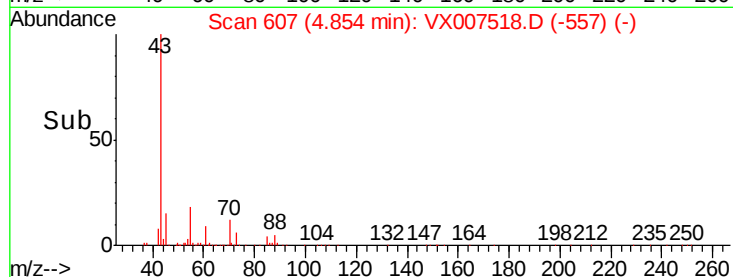
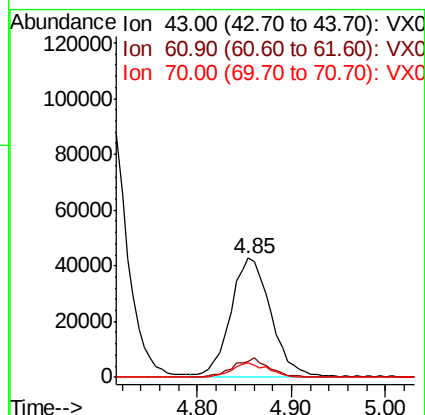
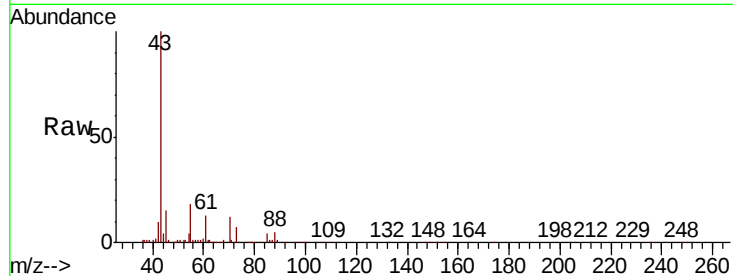
#37
Ethyl Acetate
Concen: 19.006 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX007518.D
Acq: 13 Feb 2019 14:17

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.3	16.9
70	11.2	8.6	13.0

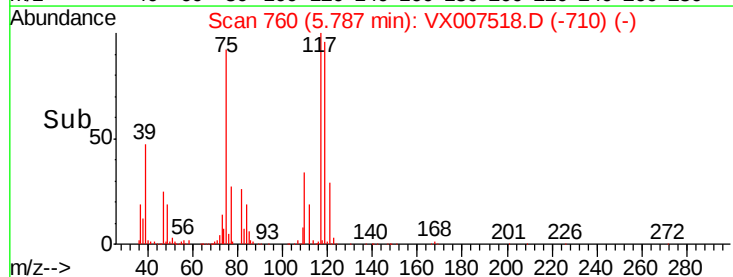
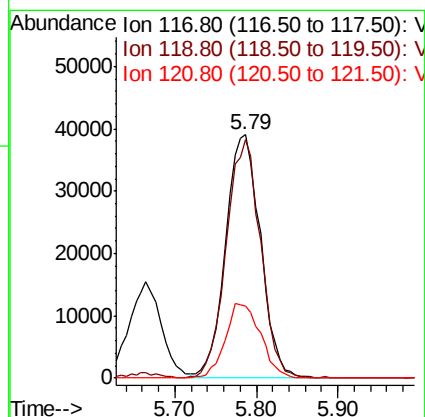
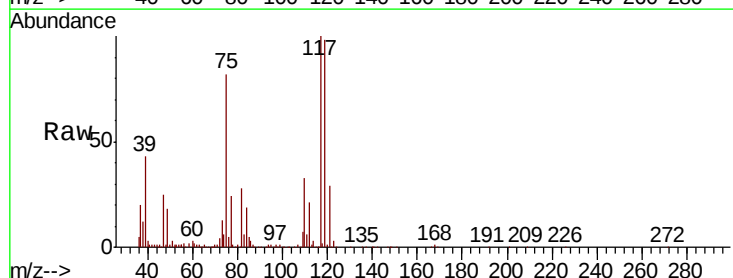
Manual Integrations
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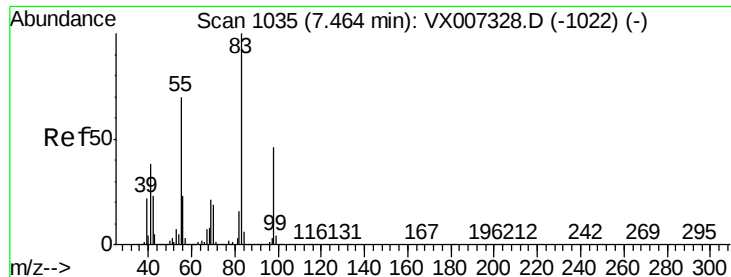
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#38
Carbon Tetrachloride
Concen: 18.173 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX007518.D
Acq: 13 Feb 2019 14:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	75.3	112.9
121	29.4	25.0	37.4





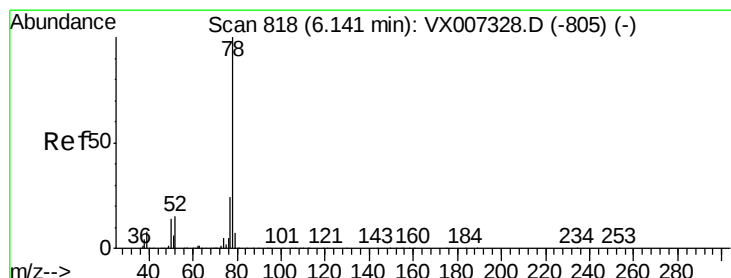
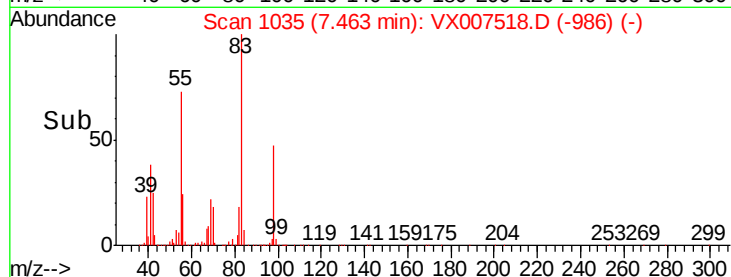
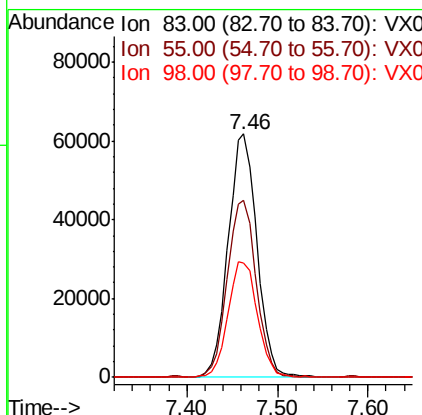
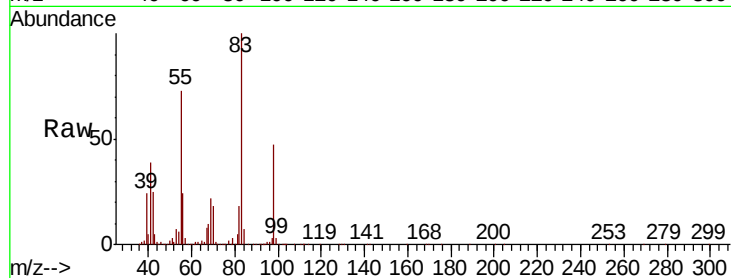
#39
Methvlcvclohexane
Concen: 17.201 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007518.D
Acq: 13 Feb 2019 14:17

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.5	56.2	84.2
98	46.6	36.8	55.2

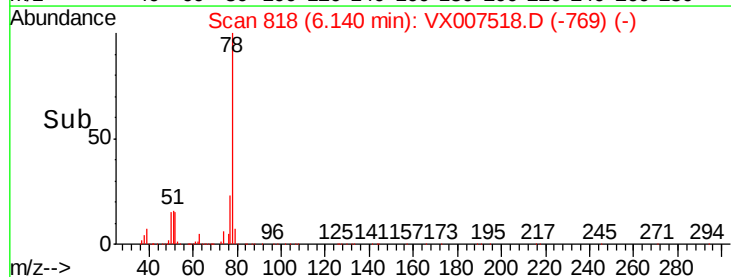
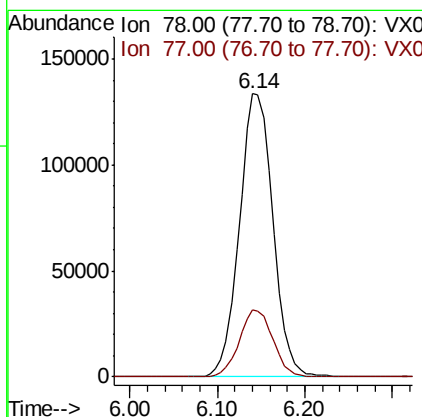
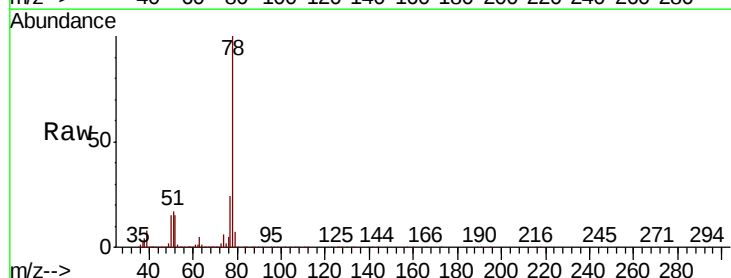
Manual Integrations
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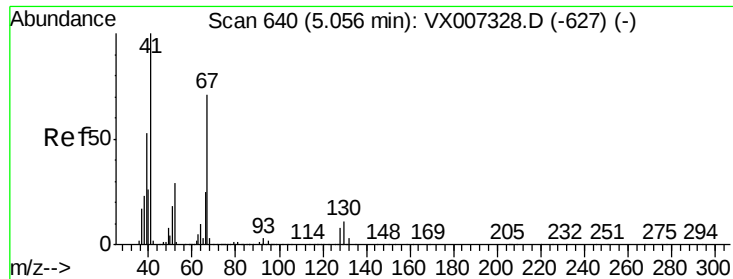
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2/14/2019 10:57:05 AM



#40
Benzene
Concen: 18.423 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007518.D
Acq: 13 Feb 2019 14:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.3	28.9





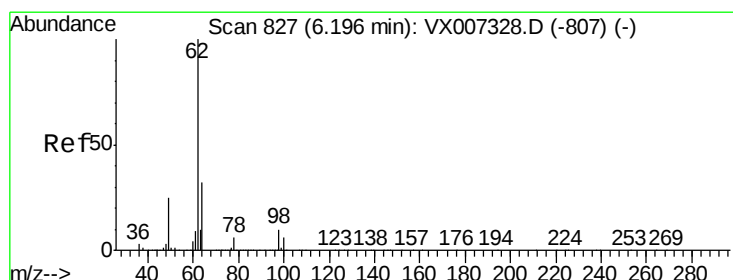
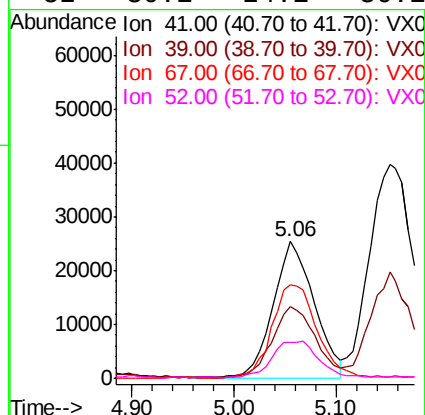
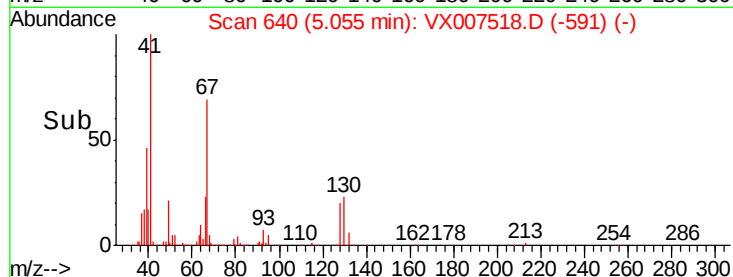
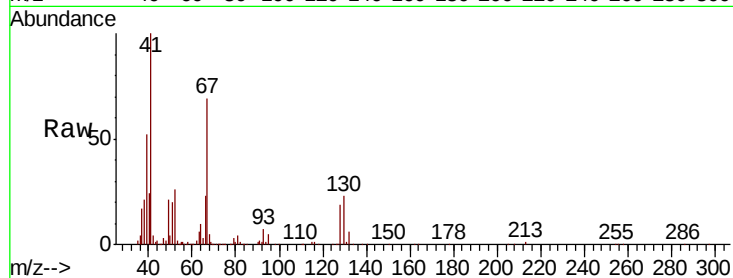
#41
Methacrylonitrile
Concen: 20.162 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.00 min
Lab File: VX007518.D
Acq: 13 Feb 2019 14:17

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		71565		
39	53.9	44.5	66.7		
67	75.0	60.4	90.6		
52	30.1	24.1	36.1		

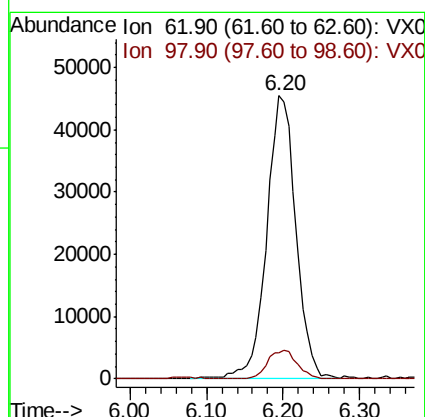
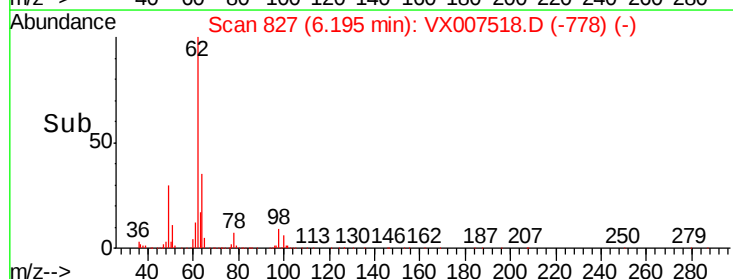
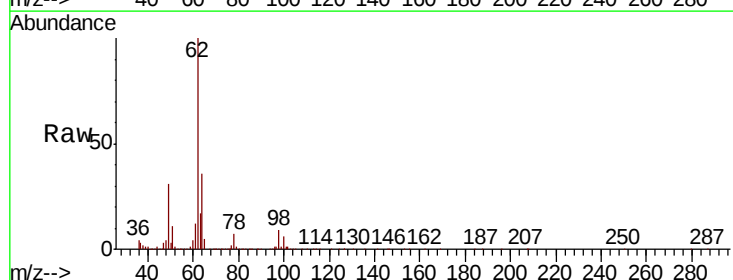
Manual Integrations
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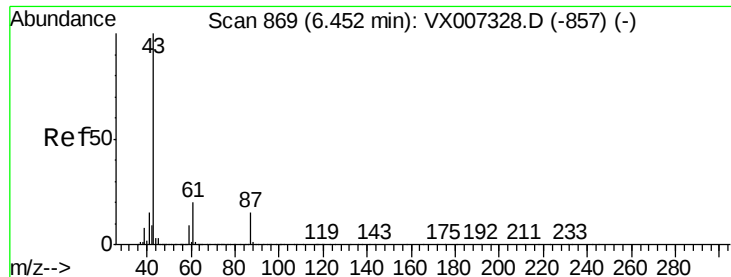
MMDadoda
2/14/2019 10:57:05 AM



#42
1,2-Dichloroethane
Concen: 17.945 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007518.D
Acq: 13 Feb 2019 14:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		119827		
98	10.6	0.0	19.0		





#43

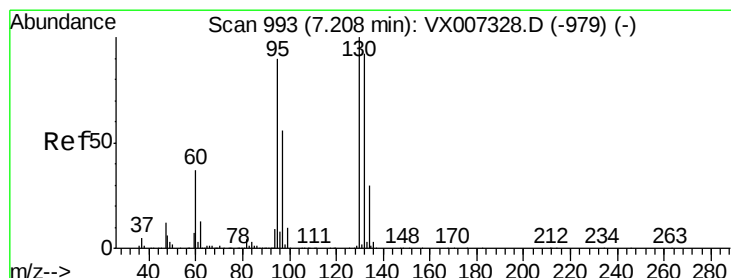
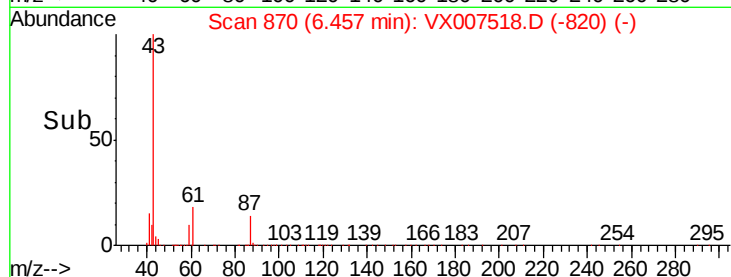
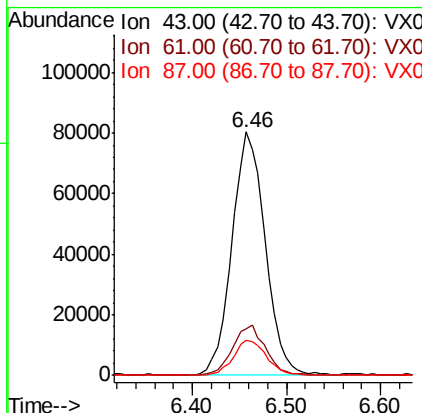
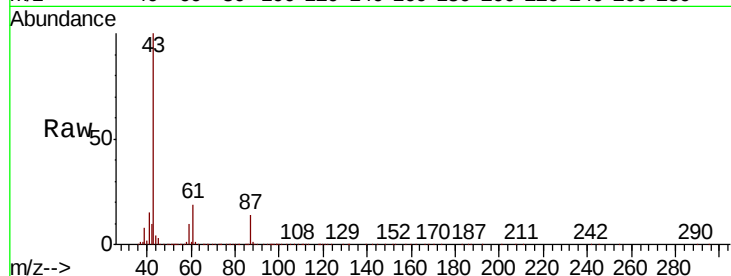
Isopropyl Acetate
 Concen: 19.183 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.01 min
 Lab File: VX007518.D
 Acq: 13 Feb 2019 14:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0214WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.7	16.1	24.1
87	14.5	11.5	17.3

Manual Integrations
 APPROVED

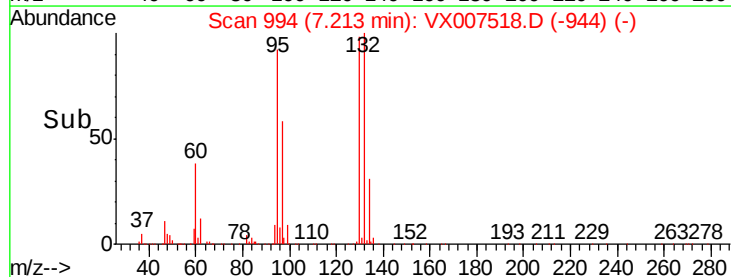
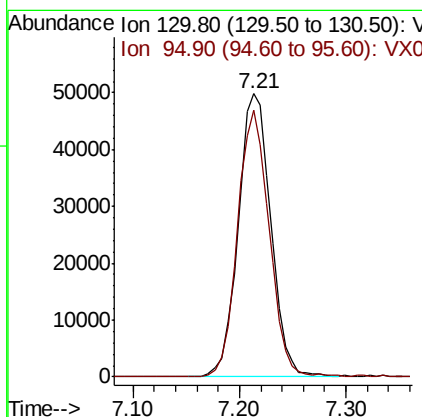
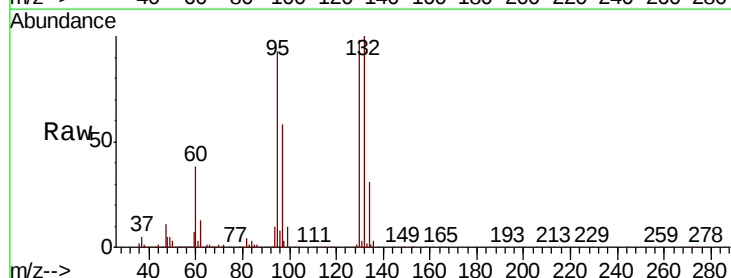
MMDadoda
 2/14/2019 10:57:05 AM

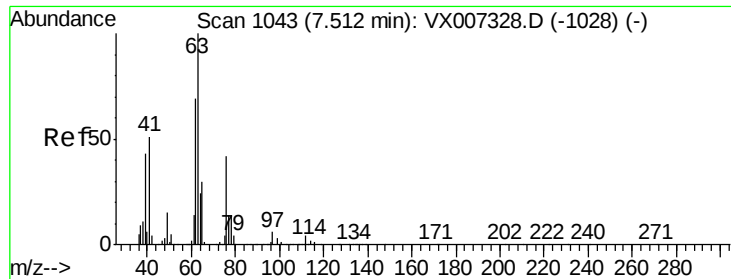


#44

Trichloroethene
 Concen: 18.446 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX007518.D
 Acq: 13 Feb 2019 14:17

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.1	0.0	180.0





#45

1,2-Dichloropropane

Concen: 18.209 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007518.D

Acq: 13 Feb 2019 14:17

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBSD01

Tot Ion: 63 Resp: 88048

Ion Ratio Lower Upper

63 100

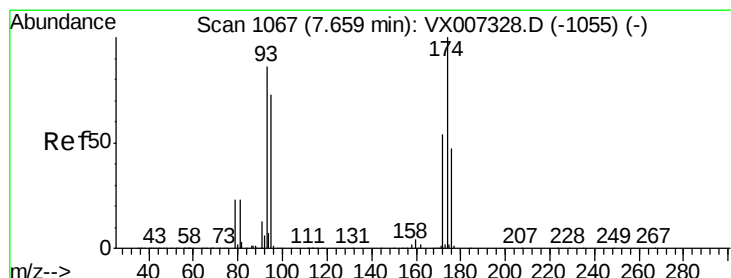
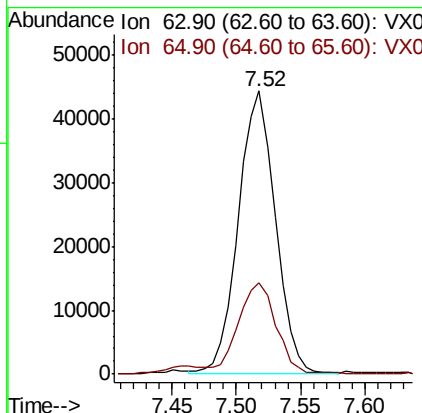
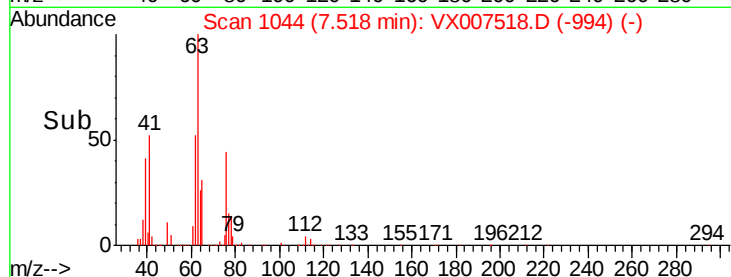
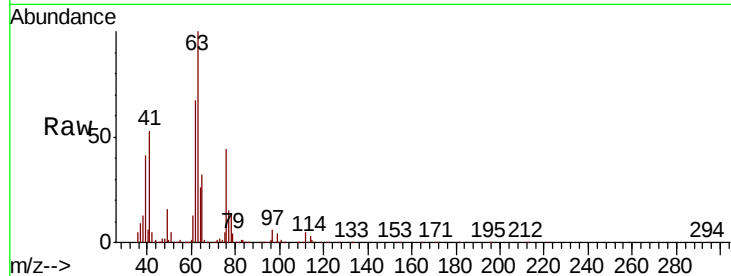
65 31.8 24.2 36.2

Manual Integrations

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2/14/2019 10:57:05 AM



#46

Dibromomethane

Concen: 17.544 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007518.D

Acq: 13 Feb 2019 14:17

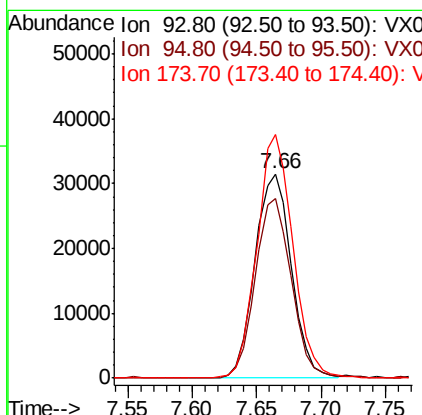
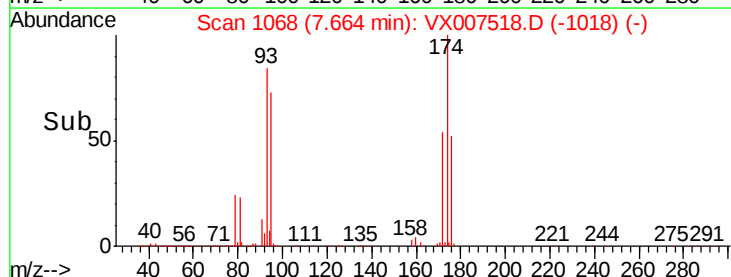
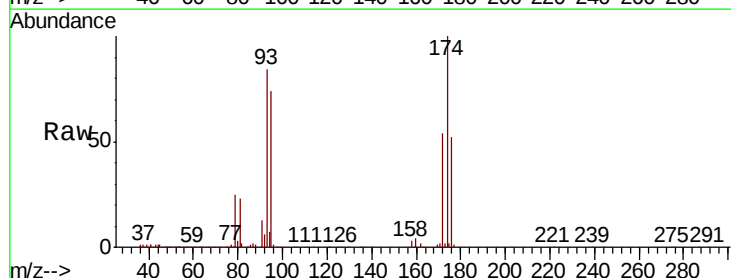
Tgt Ion: 93 Resp: 61656

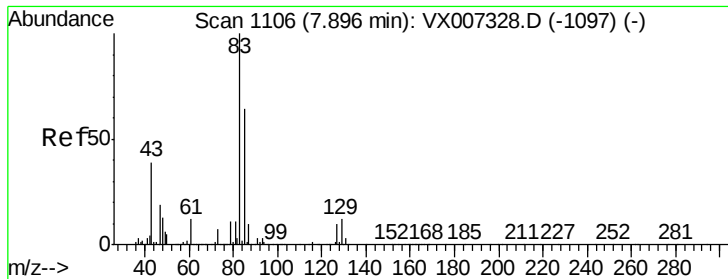
Ion Ratio Lower Upper

93 100

95 87.2 67.6 101.4

174 118.2 94.2 141.4





#47

Bromodichloromethane

Concen: 17.830 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007518.D

Acq: 13 Feb 2019 14:17

Instrument :

MSVOA_X

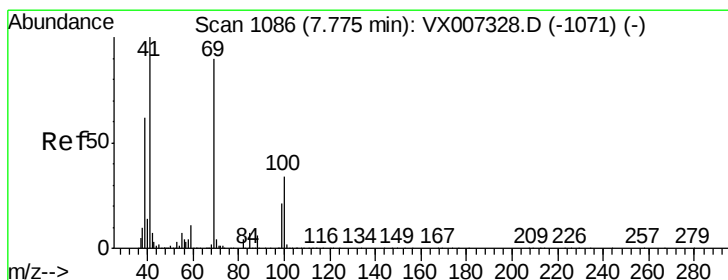
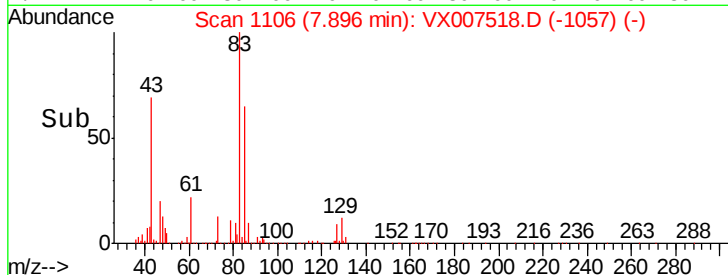
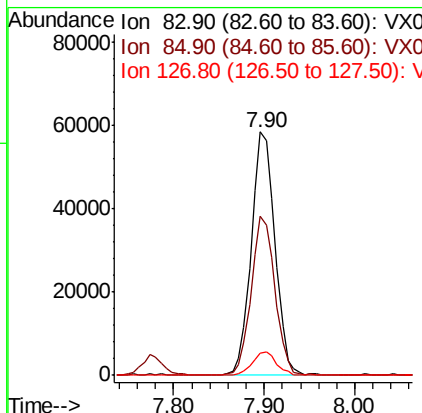
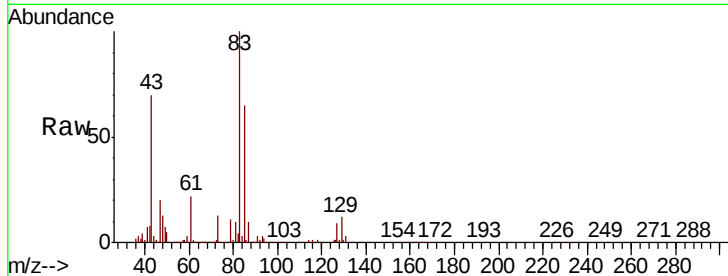
ClientSampleId :

VX0214WBSD01

Tot Ion:	83	Resp:	106198
Ion Ratio	Lower	Upper	
83	100		
85	65.2	51.4	77.0
127	9.2	8.1	12.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.666 ug/l

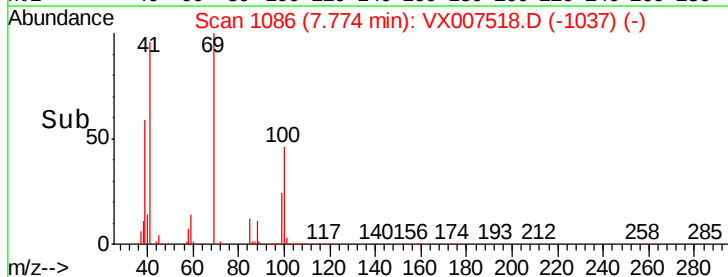
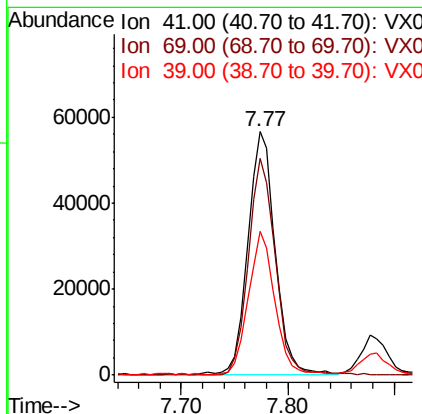
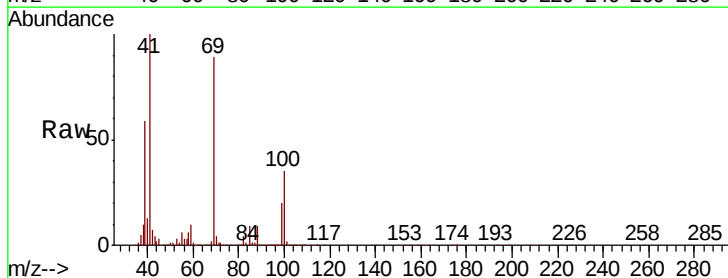
RT: 7.77 min Scan# 1086

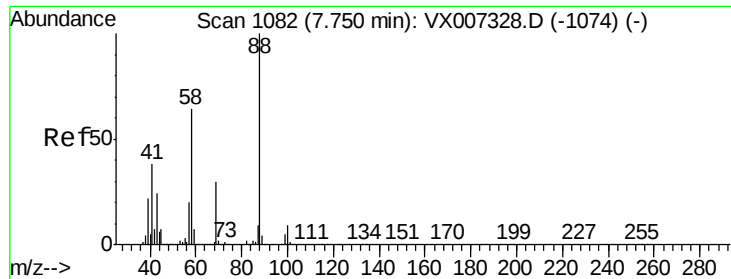
Delta R.T. -0.00 min

Lab File: VX007518.D

Acq: 13 Feb 2019 14:17

Tgt Ion:	41	Resp:	100555
Ion Ratio	Lower	Upper	
41	100		
69	90.0	70.2	105.4
39	58.6	47.4	71.0





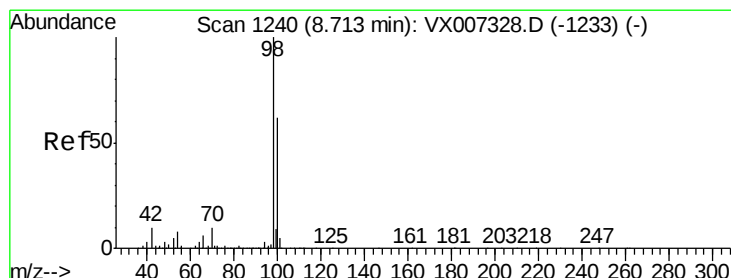
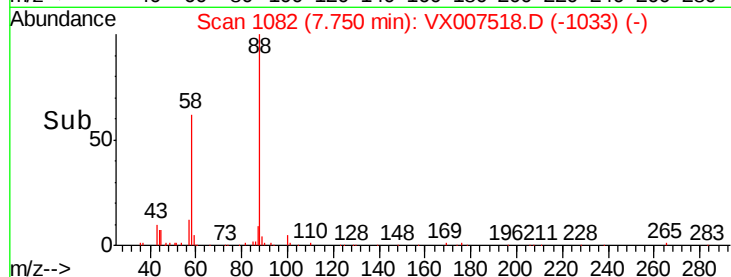
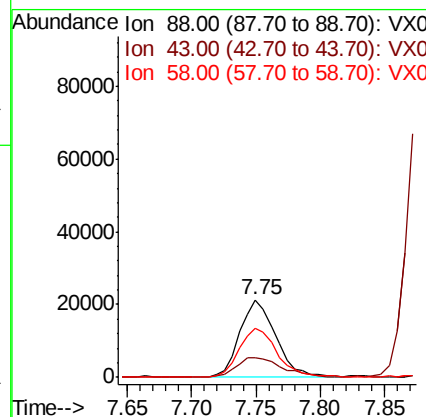
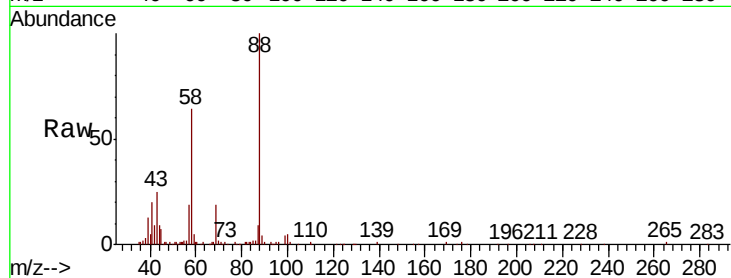
#49
1,4-Dioxane
Concen: 360.696 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX007518.D
Acq: 13 Feb 2019 14:17

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.2	24.2	36.4
58	64.8	53.0	79.4

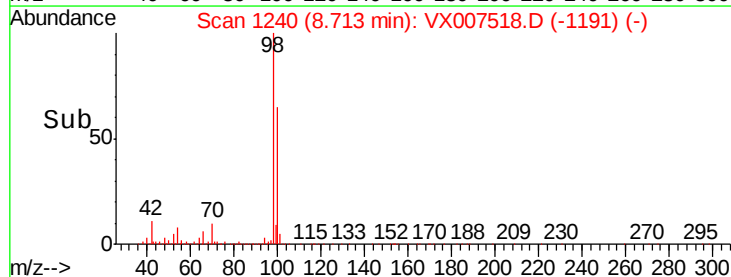
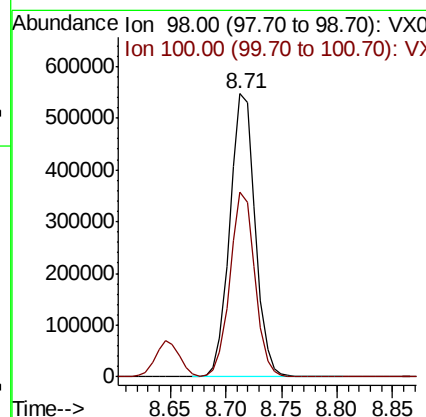
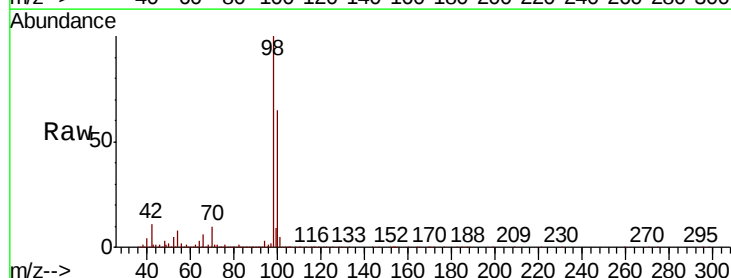
Manual Integrations
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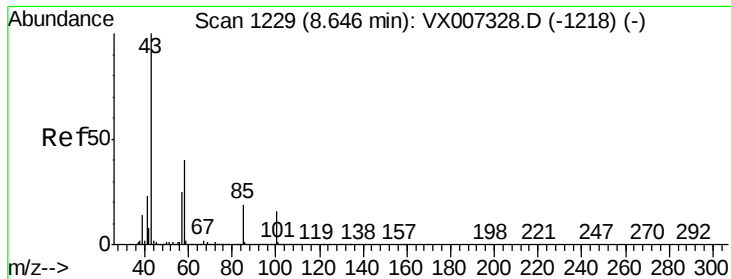
MMDadoda
2/14/2019 10:57:05 AM



#50
Toluene-d8
Concen: 48.829 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007518.D
Acq: 13 Feb 2019 14:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 97.802 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007518.D

Acq: 13 Feb 2019 14:17

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBSD01

Tot Ion: 43 Resp: 658151

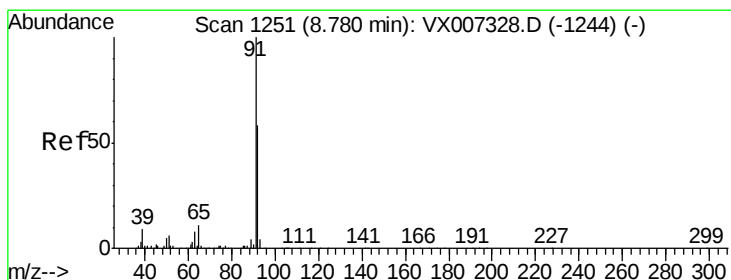
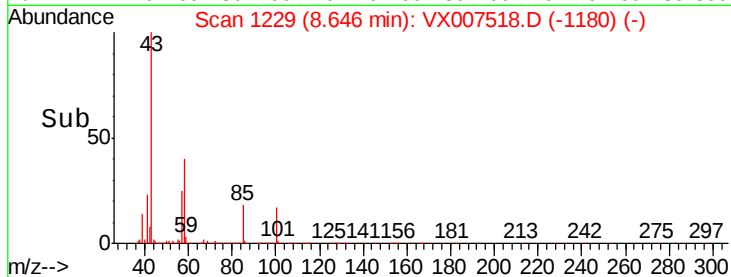
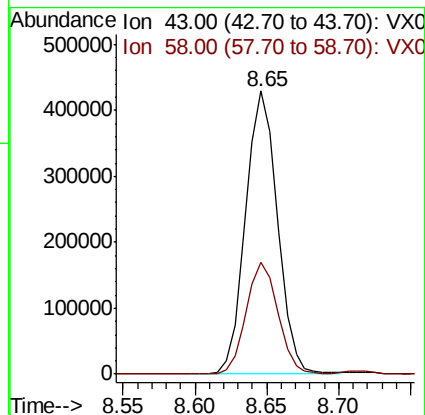
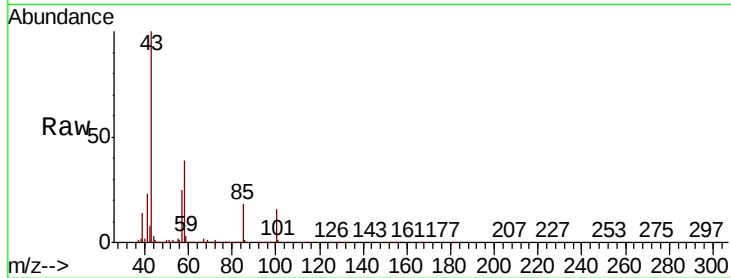
Ion Ratio Lower Upper

43 100

58 39.2 31.2 46.8

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#52

Toluene

Concen: 17.822 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007518.D

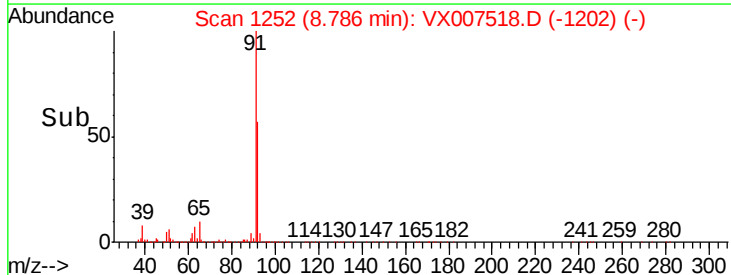
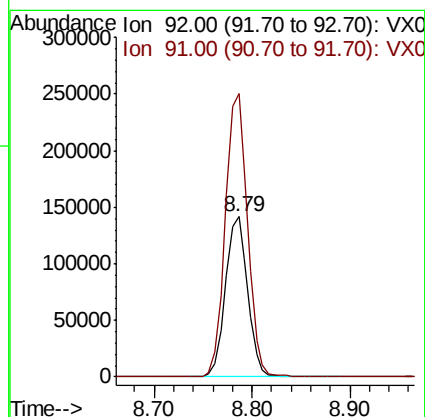
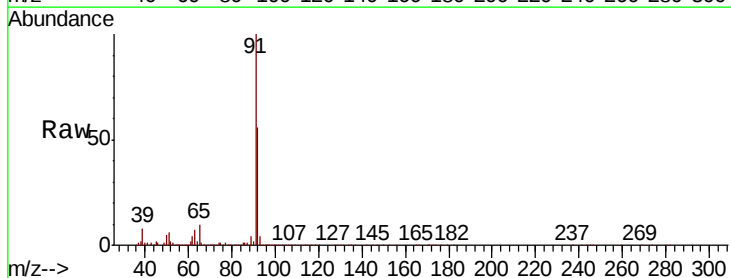
Acq: 13 Feb 2019 14:17

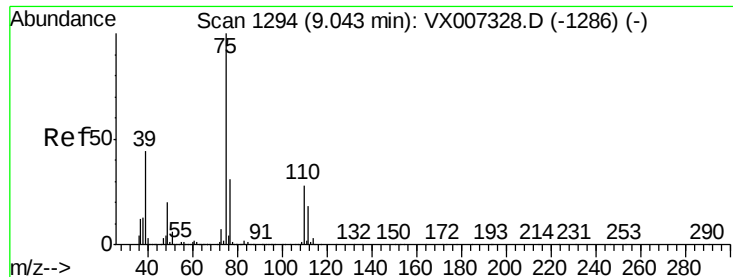
Tgt Ion: 92 Resp: 221913

Ion Ratio Lower Upper

92 100

91 177.3 139.1 208.7





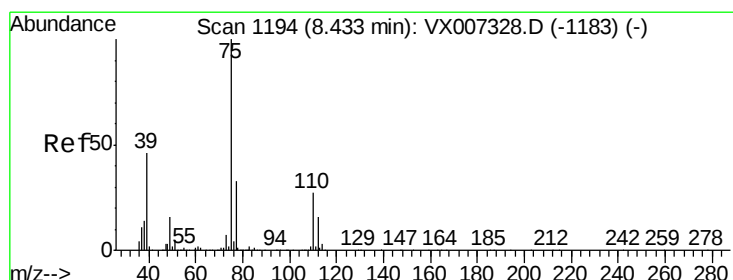
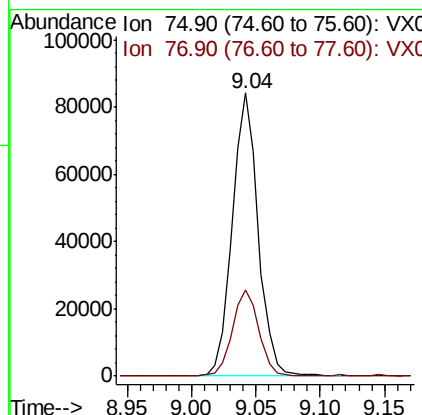
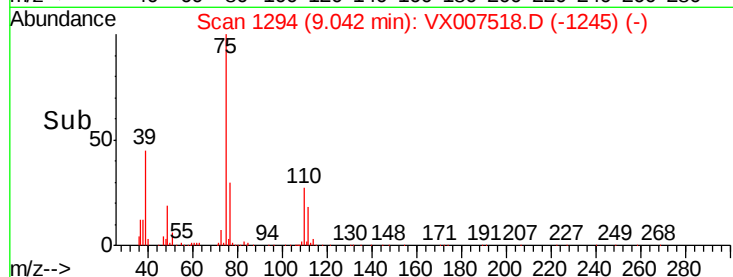
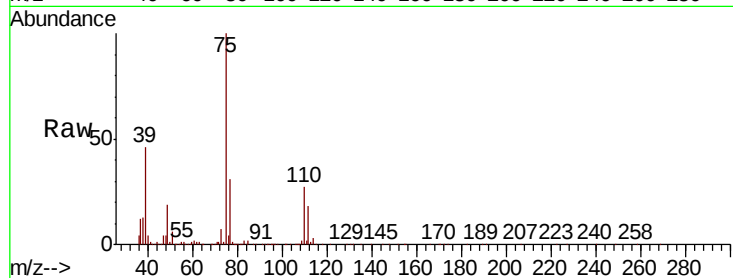
#53
t-1,3-Dichloropropene
Concen: 18.561 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX007518.D
Acq: 13 Feb 2019 14:17

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.6	25.2	37.8

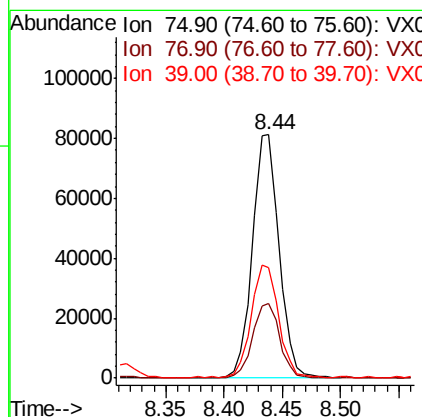
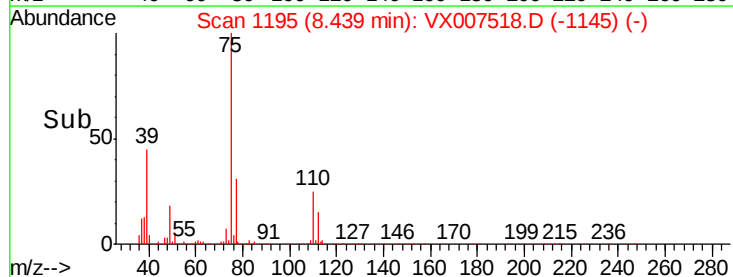
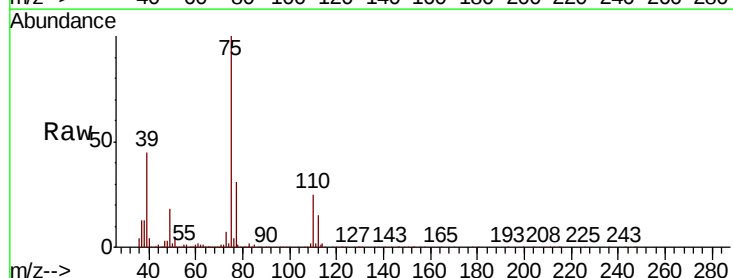
Manual Integrations
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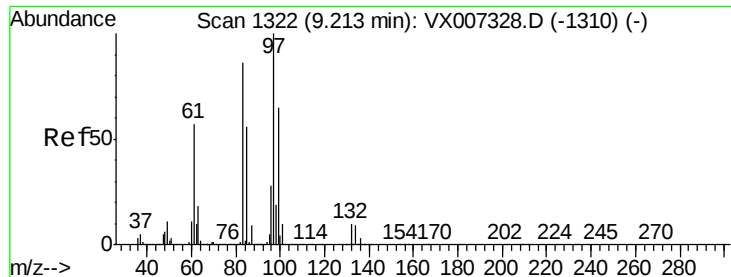
MMDadoda
2/14/2019 10:57:05 AM



#54
cis-1,3-Dichloropropene
Concen: 18.542 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.01 min
Lab File: VX007518.D
Acq: 13 Feb 2019 14:17

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.8	26.2	39.4
39	45.1	37.1	55.7





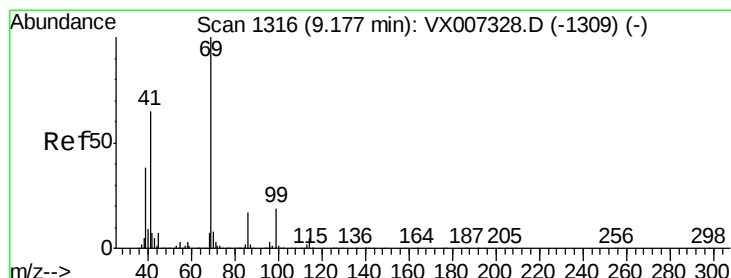
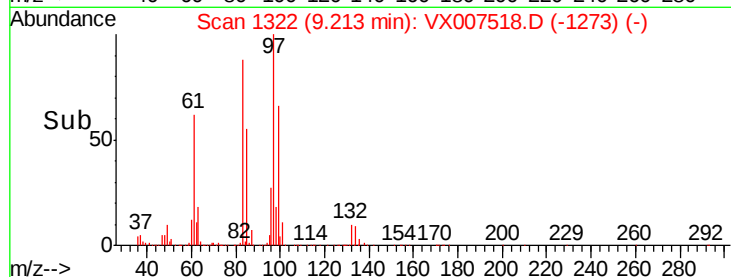
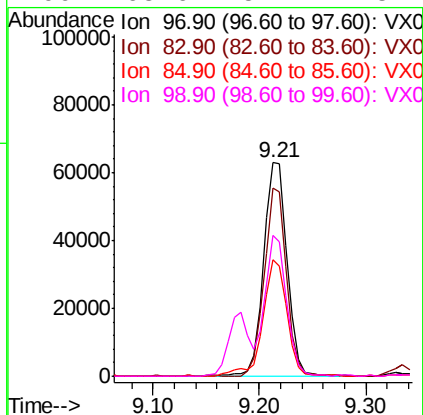
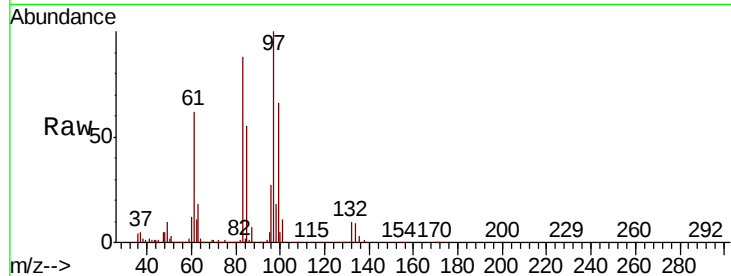
#55
 1,1,2-Trichloroethane
 Concen: 18.803 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007518.D
 Acq: 13 Feb 2019 14:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0214WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		97594		
83	87.9	68.6	102.8		
85	54.4	44.5	66.7		
99	65.6	52.2	78.4		

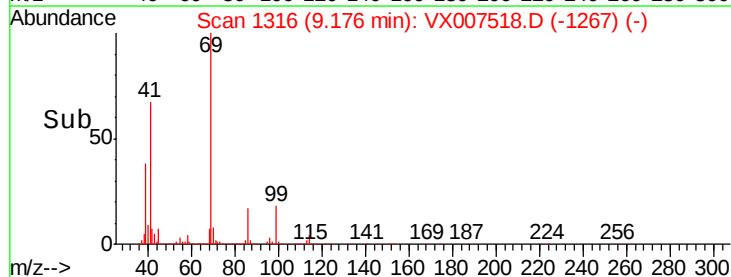
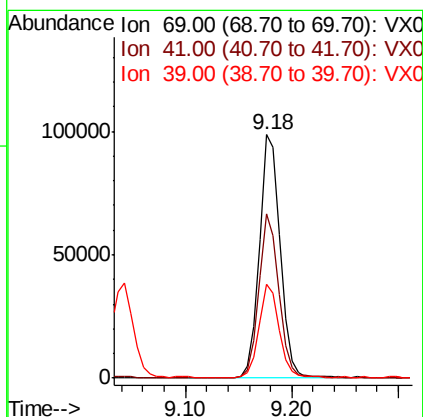
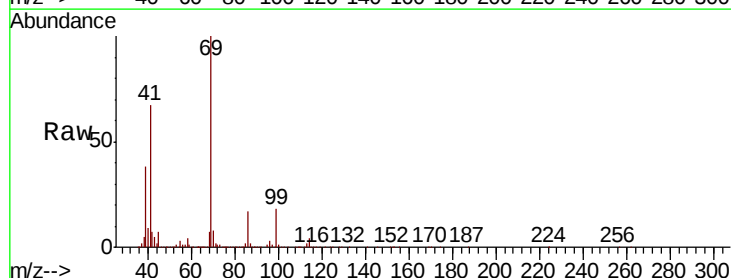
Manual Integrations
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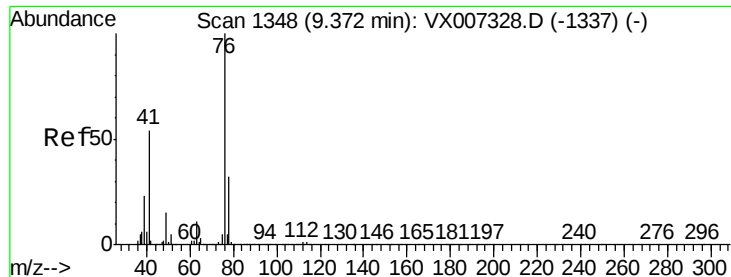
MMDadoda
 2/14/2019 10:57:05 AM



#56
 Ethyl methacrylate
 Concen: 18.810 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX007518.D
 Acq: 13 Feb 2019 14:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		135216		
41	64.8	52.1	78.1		
39	37.6	30.1	45.1		





#57

1,3-Dichloropropane

Concen: 18.387 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007518.D

Acq: 13 Feb 2019 14:17

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBSD01

Tot Ion: 76 Resp: 151764

Ion Ratio Lower Upper

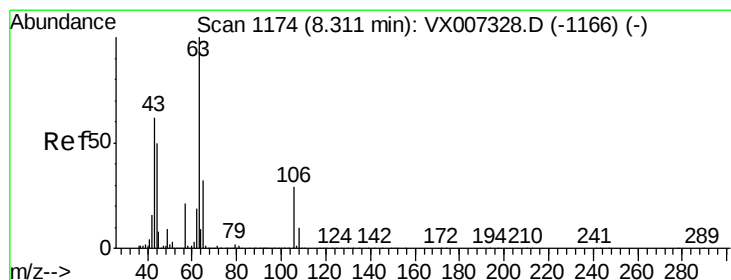
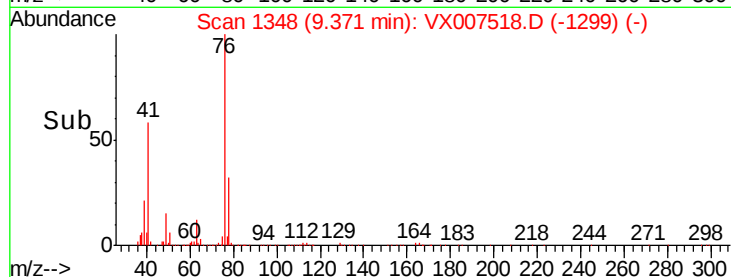
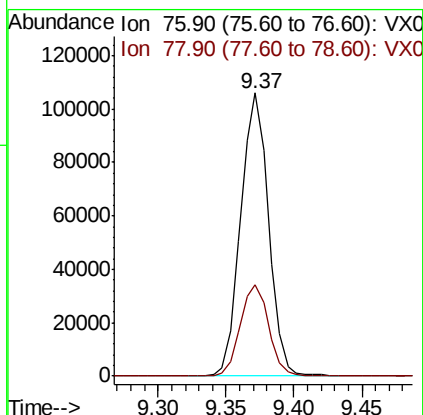
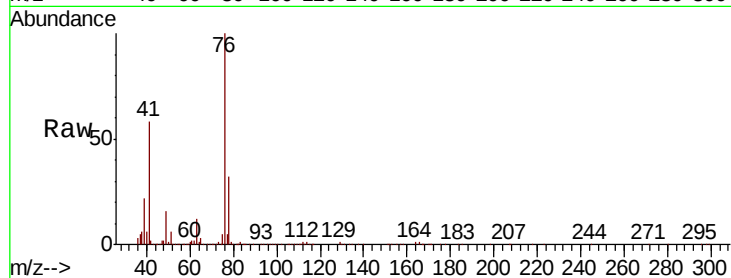
76 100

78 32.9 25.8 38.8

Manual Integrations
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2/14/2019 10:57:05 AM



#58

2-Chloroethyl Vinyl ether

Concen: 95.702 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007518.D

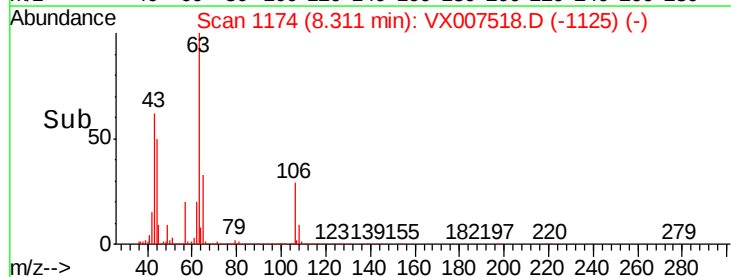
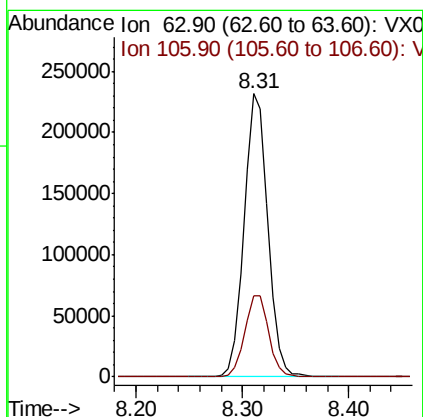
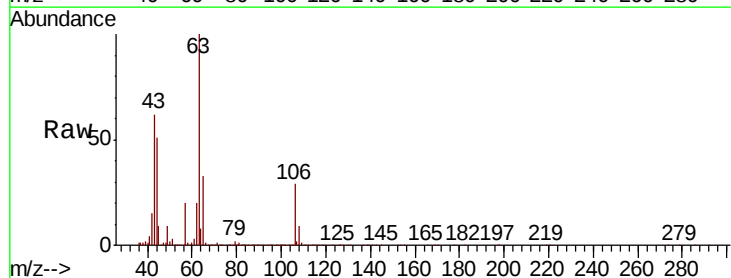
Acq: 13 Feb 2019 14:17

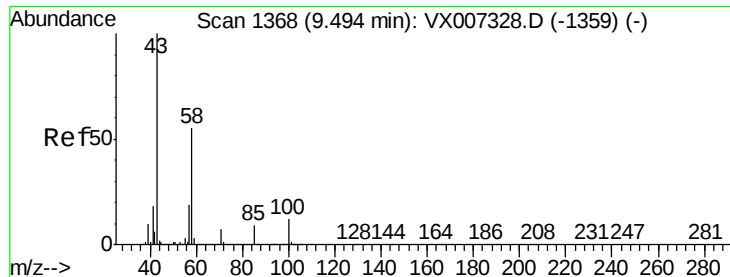
Tgt Ion: 63 Resp: 362615

Ion Ratio Lower Upper

63 100

106 29.1 23.6 35.4





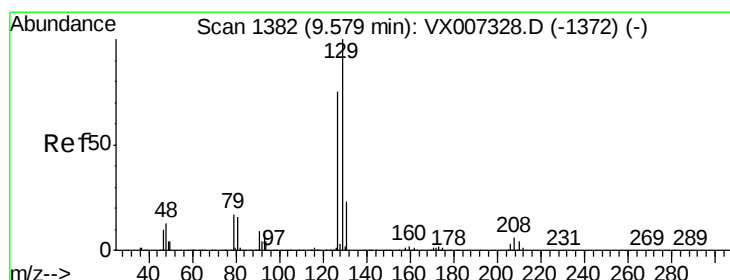
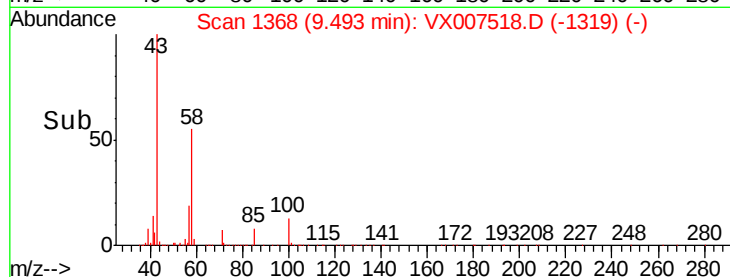
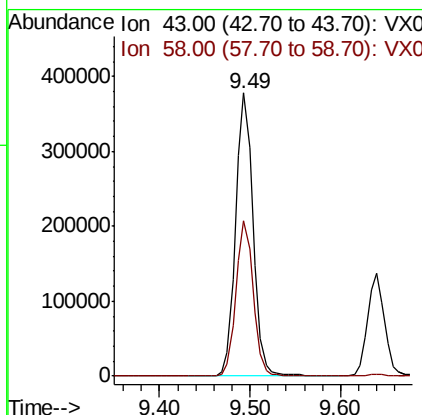
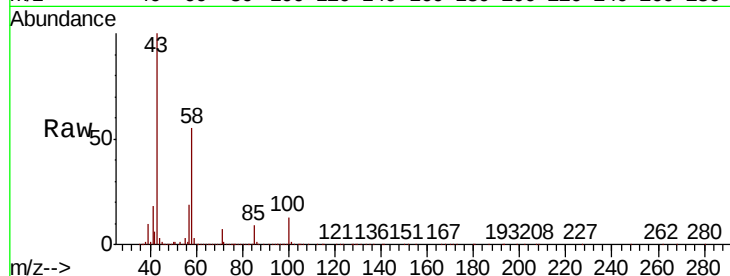
#59
2-Hexanone
Concen: 96.113 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007518.D
Acq: 13 Feb 2019 14:17

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Tot Ion: 43 Resp: 503308
Ion Ratio Lower Upper
43 100
58 54.4 27.1 81.3

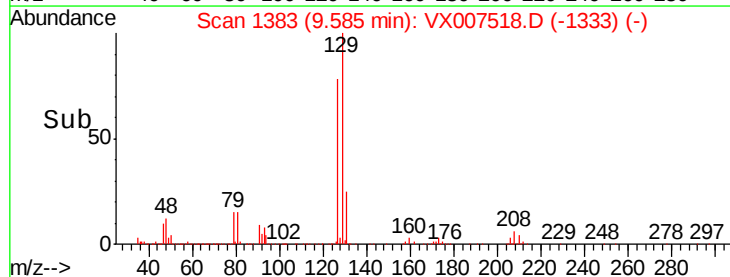
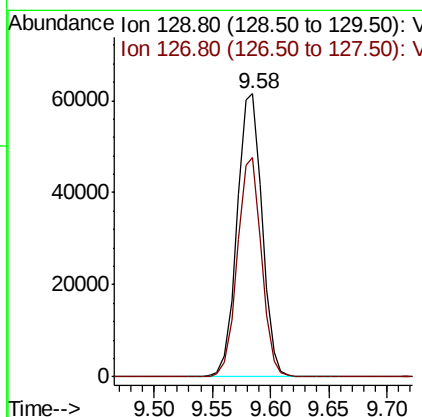
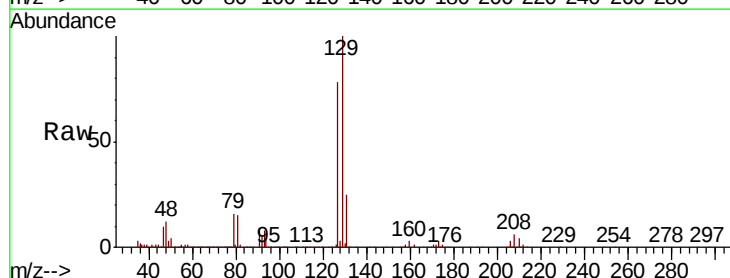
Manual Integrations
APPROVED

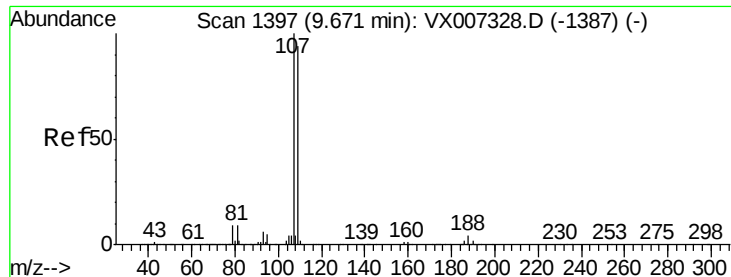
MMDadoda
2/14/2019 10:57:05 AM



#60
Dibromochloromethane
Concen: 18.740 ug/l
RT: 9.58 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX007518.D
Acq: 13 Feb 2019 14:17

Tgt Ion: 129 Resp: 91993
Ion Ratio Lower Upper
129 100
127 75.1 37.8 113.4





#61

1,2-Dibromoethane

Concen: 18.366 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007518.D

Acq: 13 Feb 2019 14:17

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBSD01

Tot Ion: 107 Resp: 100952

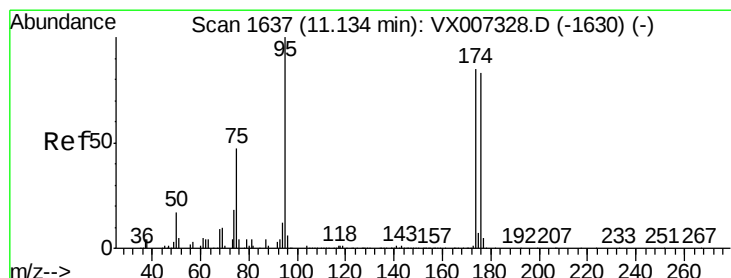
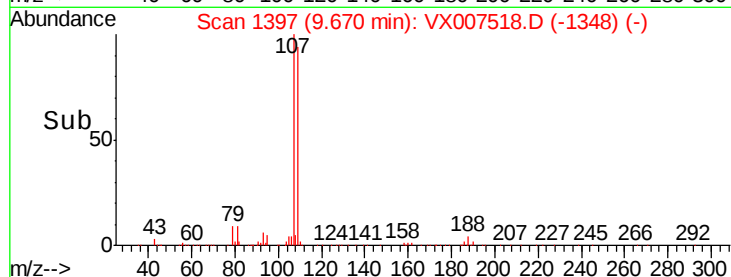
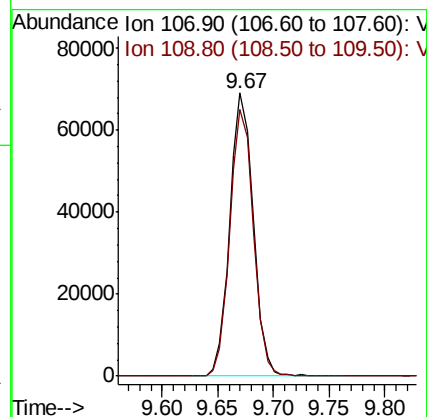
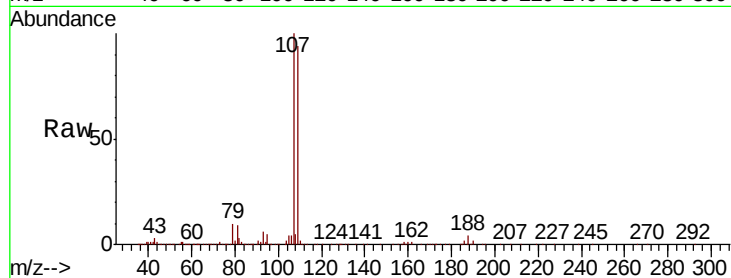
Ion Ratio Lower Upper

107 100

109 94.5 75.1 112.7

Manual Integrations
APPROVED

MMDadoda
2/14/2019 10:57:05 AM



#62

4-Bromofluorobenzene

Concen: 46.888 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX007518.D

Acq: 13 Feb 2019 14:17

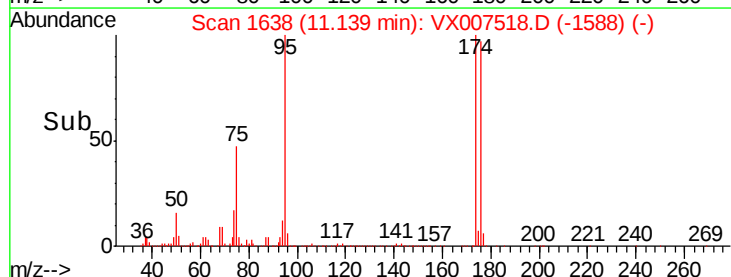
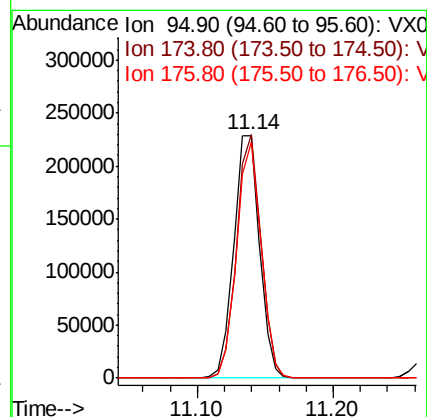
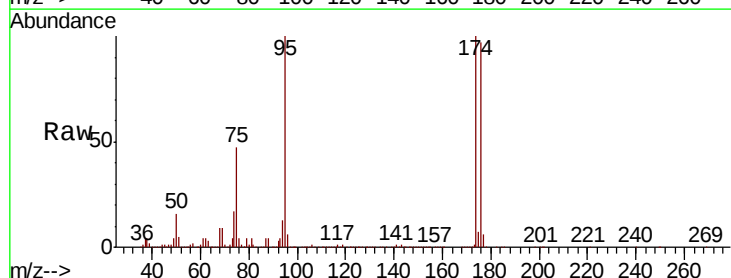
Tgt Ion: 95 Resp: 301762

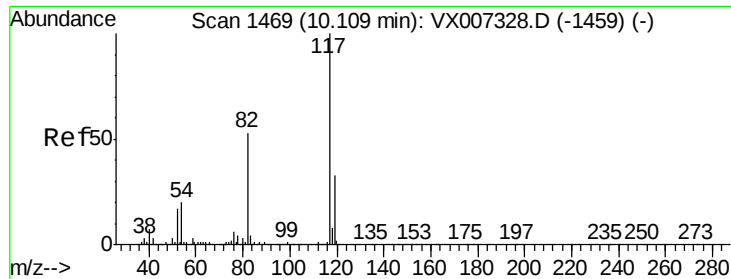
Ion Ratio Lower Upper

95 100

174 95.4 0.0 189.2

176 92.6 0.0 186.2





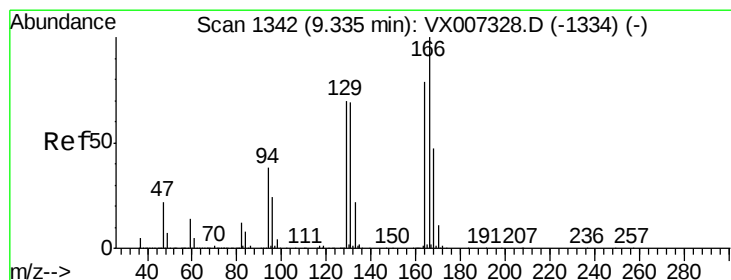
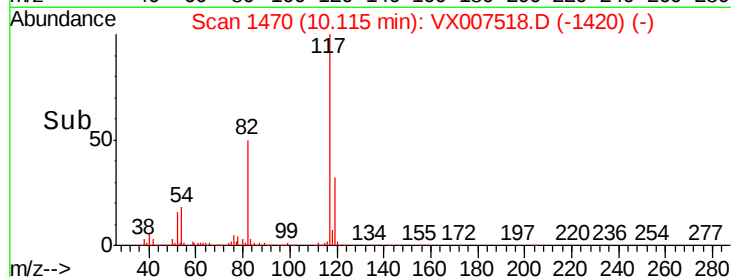
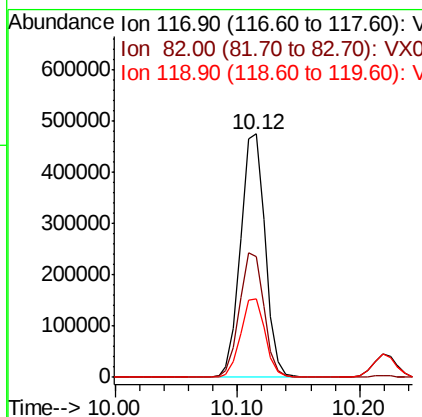
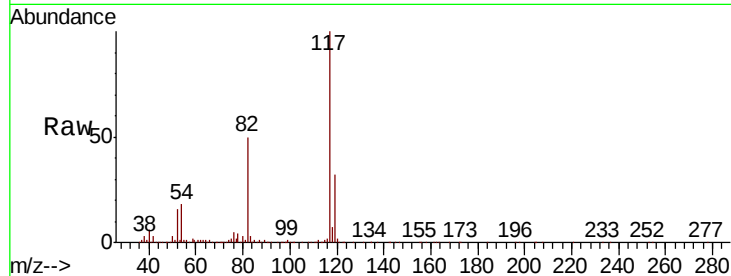
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007518.D
Acq: 13 Feb 2019 14:17

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	657999		
82	49.8		42.1	63.1
119	32.2		26.5	39.7

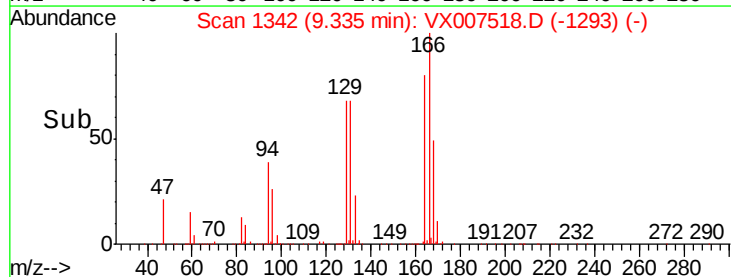
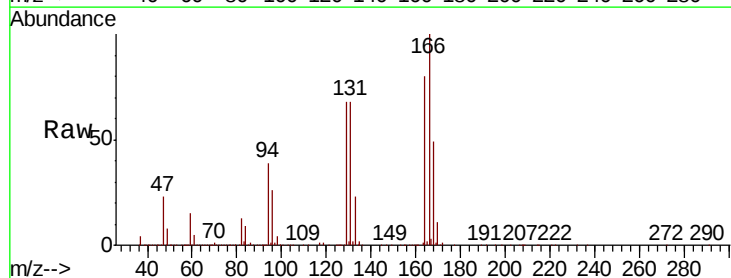
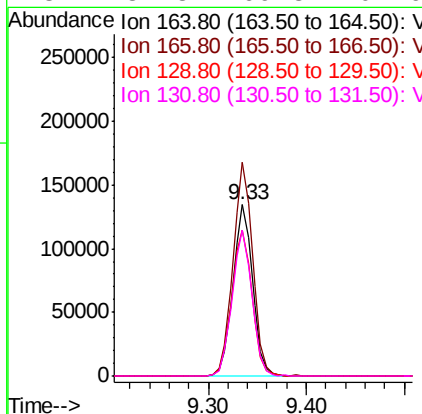
Manual Integrations
APPROVED

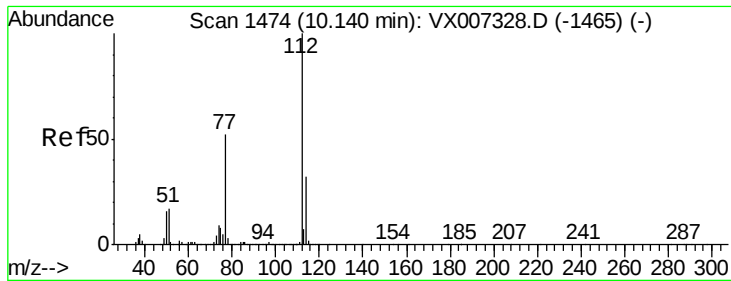
MMDadoda
2/14/2019 10:57:05 AM



#64
Tetrachloroethene
Concen: 30.244 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007518.D
Acq: 13 Feb 2019 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	187565		
166	124.6		101.0	151.4
129	85.1		70.5	105.7
131	84.8		69.8	104.6





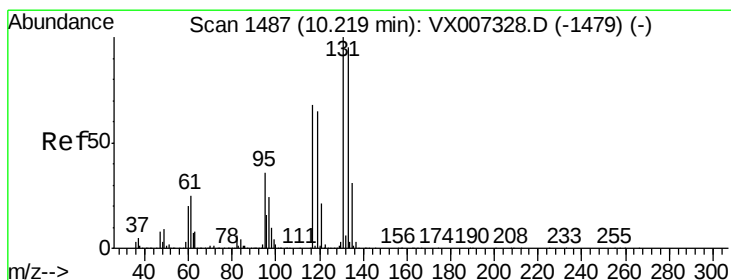
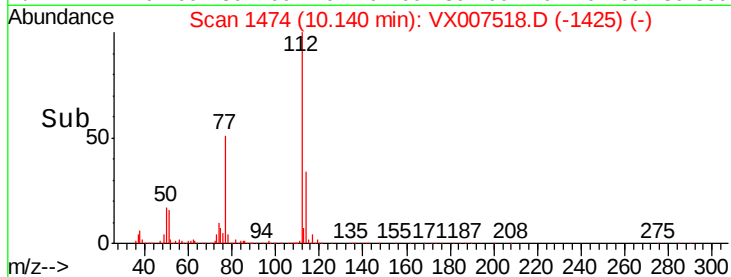
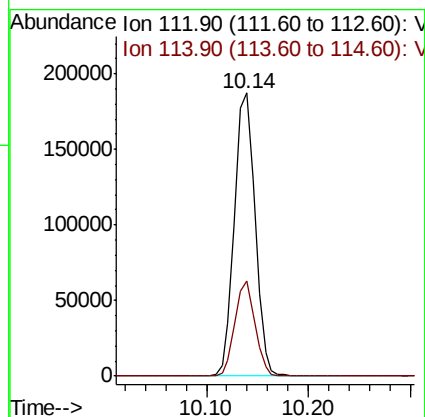
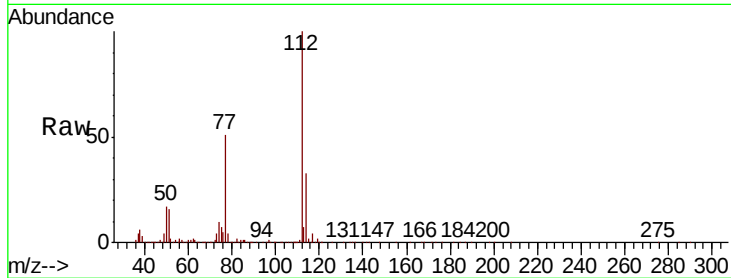
#65
Chlorobenzene
Concen: 18.215 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007518.D
Acq: 13 Feb 2019 14:17

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Tot Ion:112 Resp: 261546
Ion Ratio Lower Upper
112 100
114 33.5 25.8 38.6

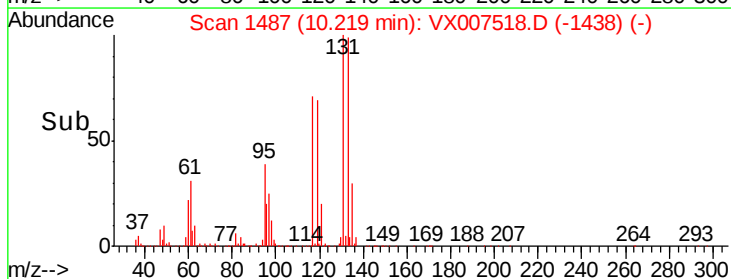
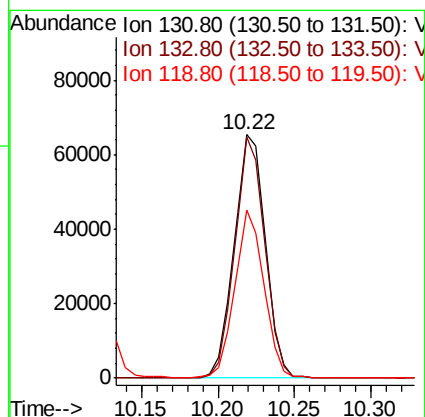
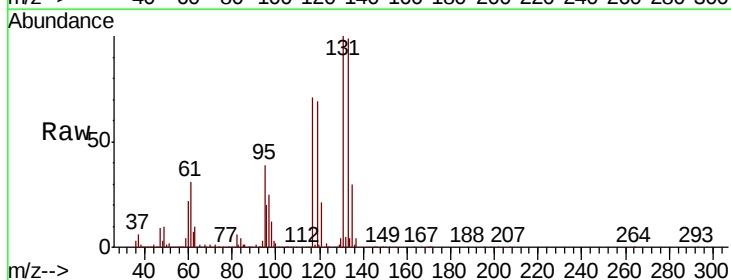
Manual Integrations
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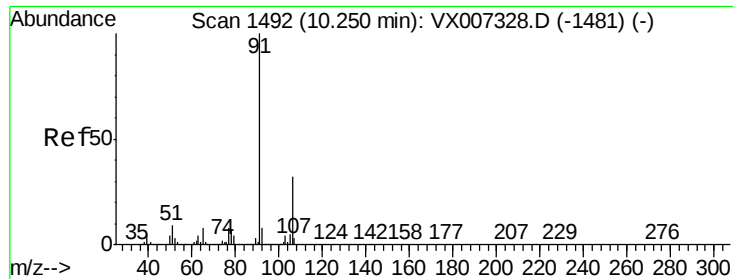
MMDadoda
2/14/2019 10:57:05 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.196 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007518.D
Acq: 13 Feb 2019 14:17

Tgt Ion:131 Resp: 92411
Ion Ratio Lower Upper
131 100
133 95.5 48.0 144.2
119 64.3 32.0 96.0





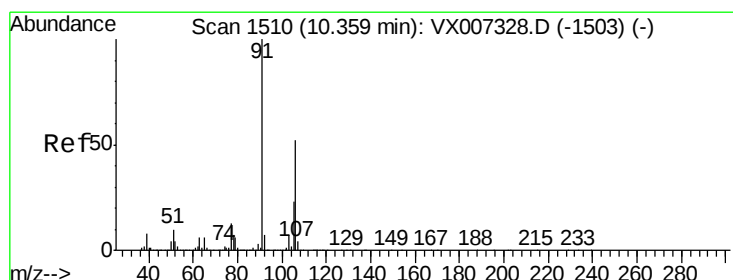
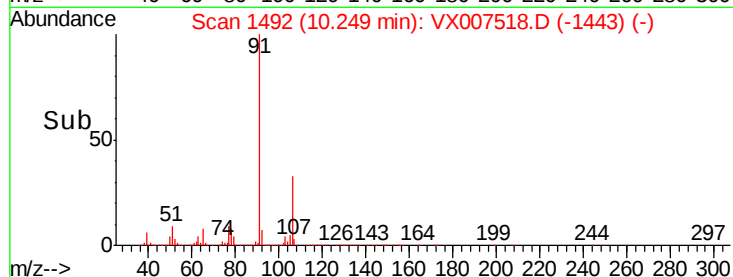
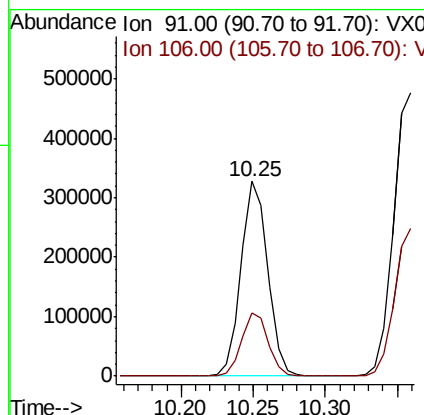
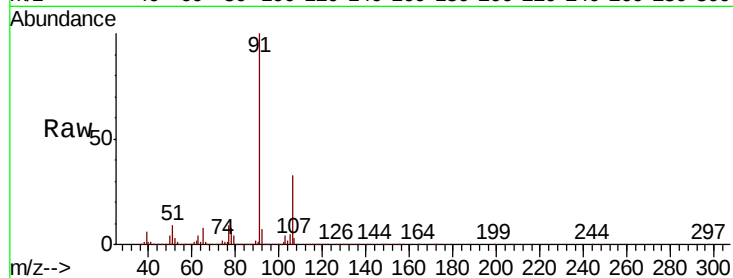
#67
Ethyl Benzene
Concen: 18.333 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007518.D
Acq: 13 Feb 2019 14:17

Instrument :
MSVOA_X
ClientSampleID :
VX0214WBSD01

Tot Ion: 91 Resp: 423913
Ion Ratio Lower Upper
91 100
106 32.6 25.4 38.0

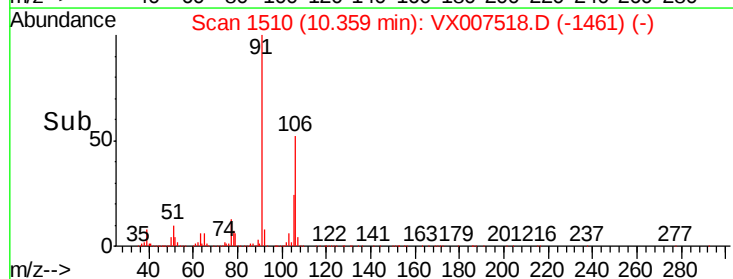
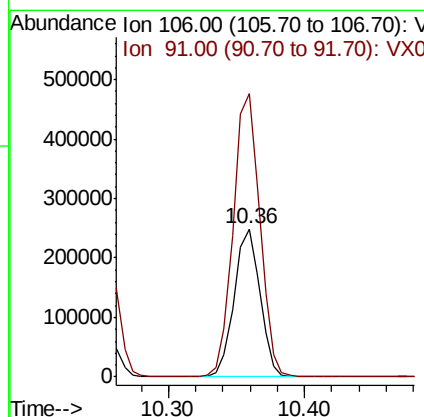
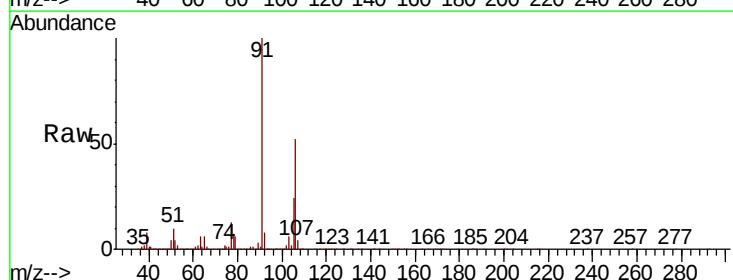
Manual Integrations
APPROVED

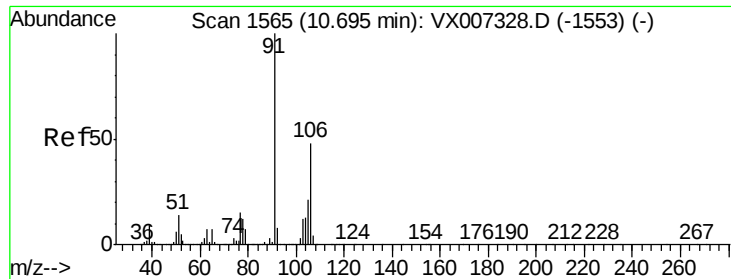
MMDadoda
2/14/2019 10:57:05 AM



#68
m/p-Xylenes
Concen: 35.898 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007518.D
Acq: 13 Feb 2019 14:17

Tgt Ion: 106 Resp: 329962
Ion Ratio Lower Upper
106 100
91 196.4 156.6 234.8





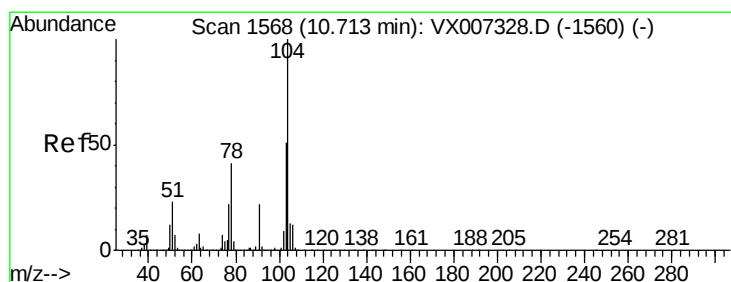
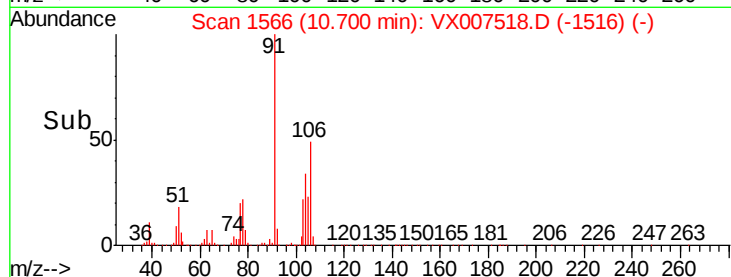
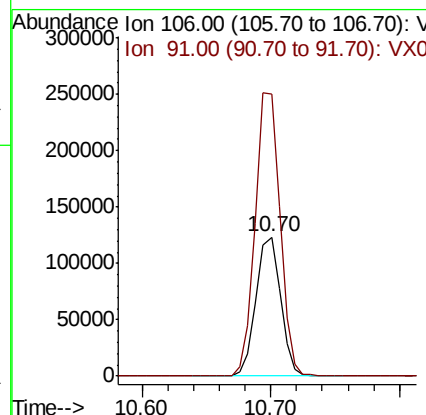
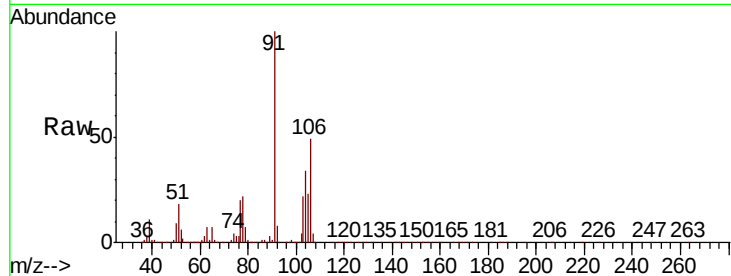
#69
o-Xylene
Concen: 18.292 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007518.D
Acq: 13 Feb 2019 14:17

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	205.2	102.9	308.7

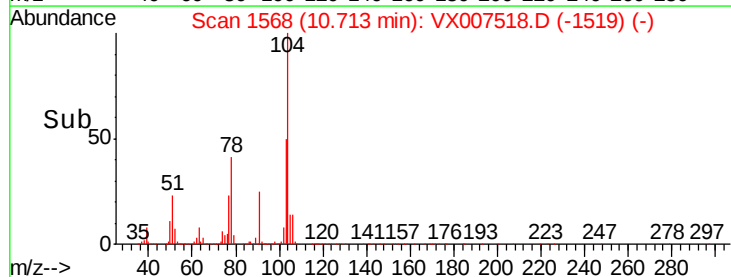
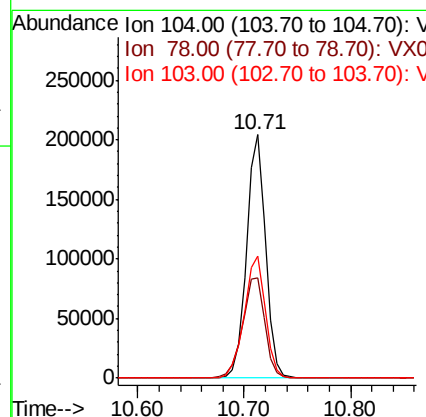
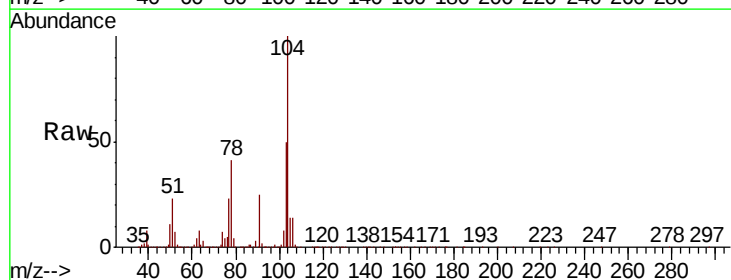
Manual Integrations
APPROVED

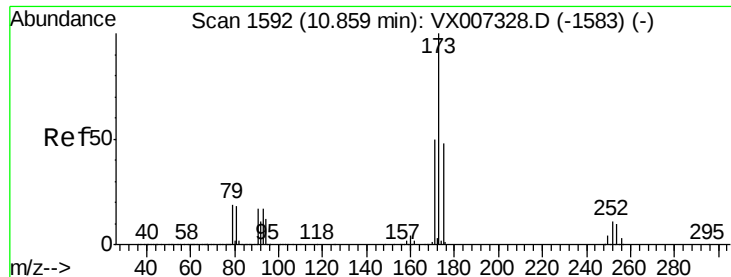
MMDadoda
2/14/2019 10:57:05 AM



#70
Styrene
Concen: 17.914 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007518.D
Acq: 13 Feb 2019 14:17

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	48.6	38.3	57.5
103	103	56.1	44.6	67.0





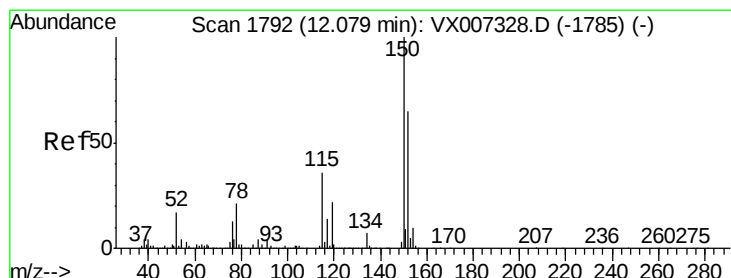
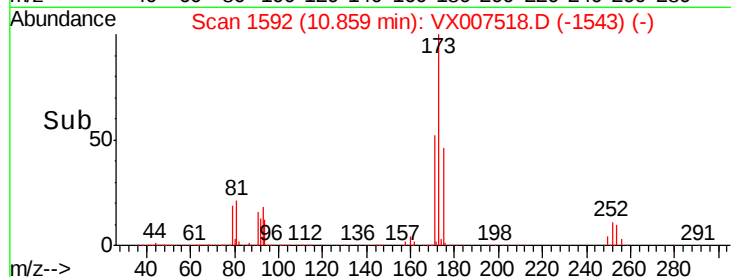
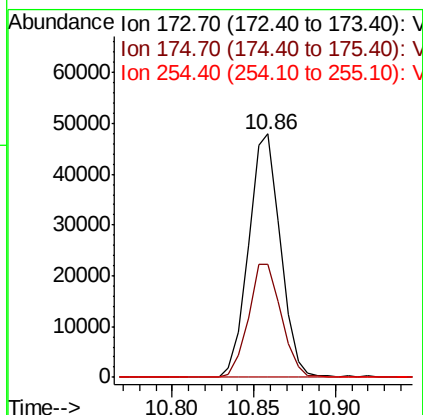
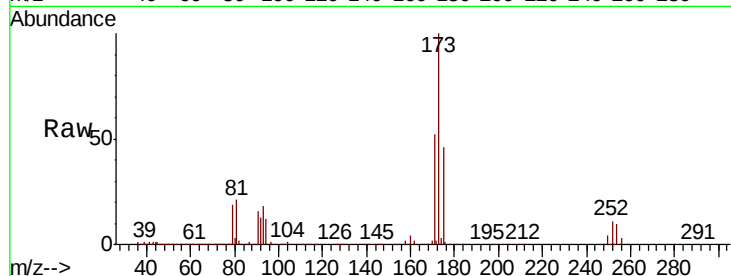
#71
Bromoform
Concen: 18.209 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX007518.D
Acq: 13 Feb 2019 14:17

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.2	72.6
254	0.1	0.2	0.2

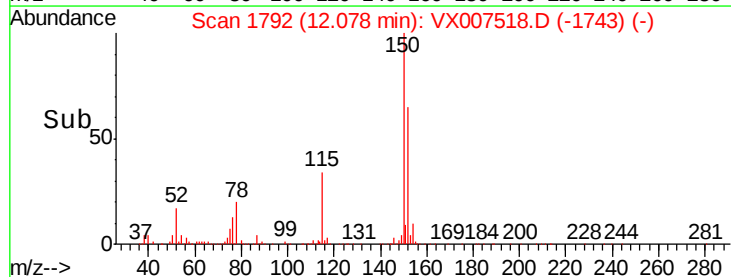
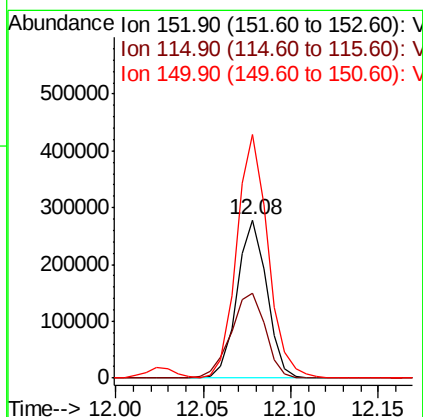
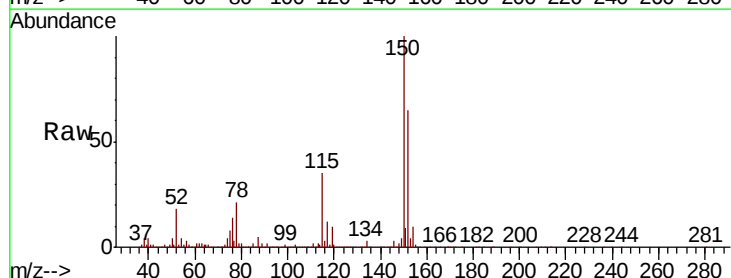
Manual Integrations
APPROVED

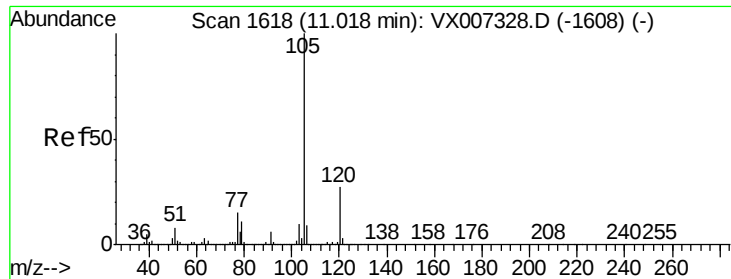
MMDadoda
2/14/2019 10:57:05 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007518.D
Acq: 13 Feb 2019 14:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.9	38.0	114.0
150	162.8	0.0	346.4





#73

Isopropylbenzene

Concen: 19.331 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007518.D

Acq: 13 Feb 2019 14:17

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBSD01

Tot Ion:105 Resp: 429735

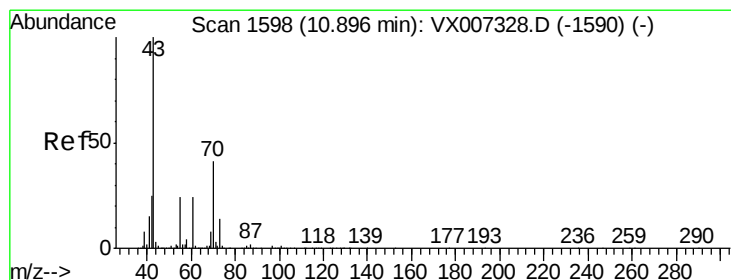
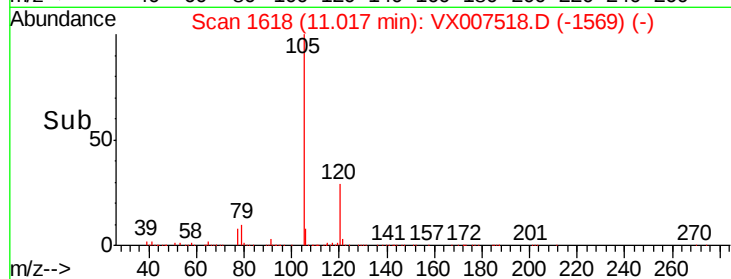
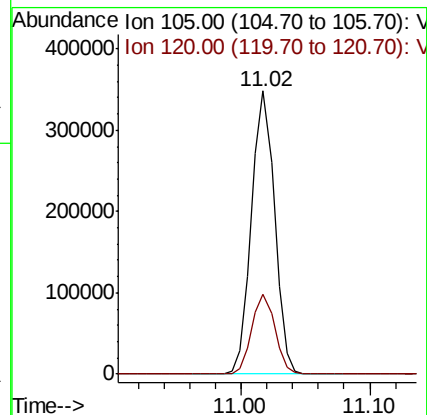
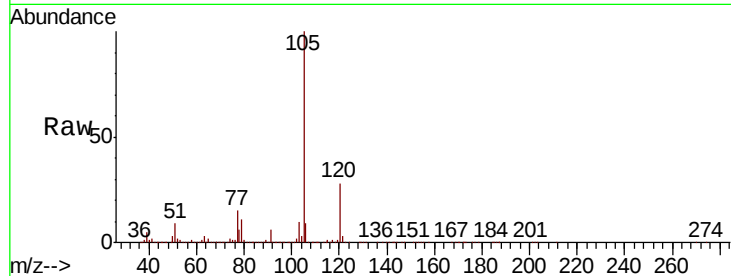
Ion Ratio Lower Upper

105 100

120 28.4 13.6 40.7

Manual Integrations
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MMDadoda
2/14/2019 10:57:05 AM



#74

N-ethyl acetate

Concen: 20.010 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007518.D

Acq: 13 Feb 2019 14:17

Tgt Ion: 43 Resp: 172063

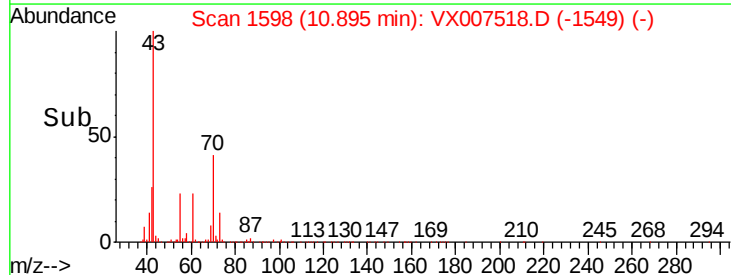
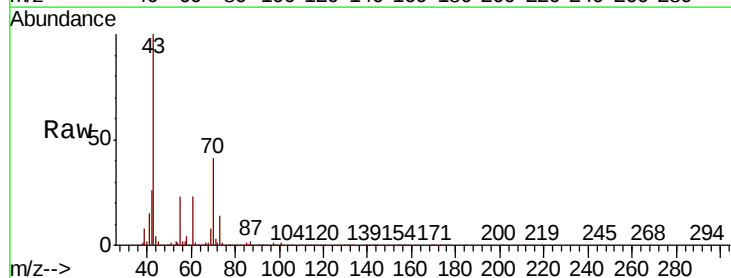
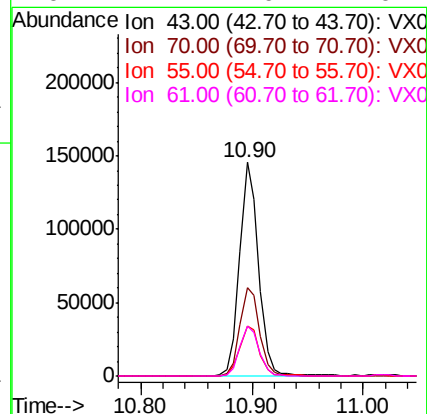
Ion Ratio Lower Upper

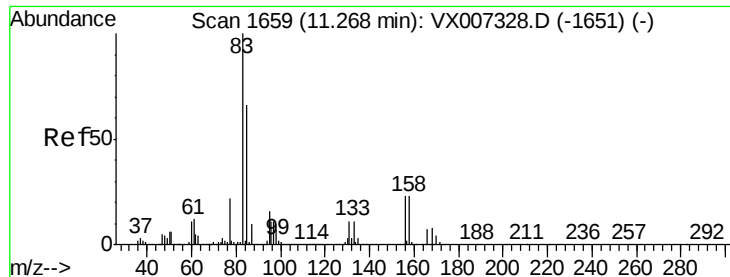
43 100

70 43.1 33.8 50.6

55 24.0 19.5 29.3

61 24.1 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.920 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007518.D

Acq: 13 Feb 2019 14:17

Instrument :

MSVOA_X

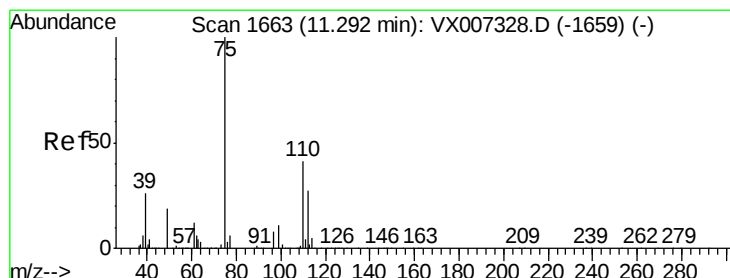
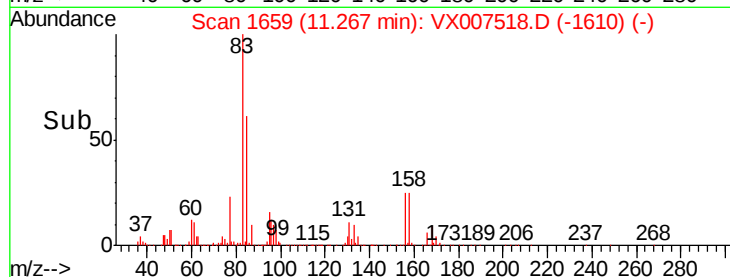
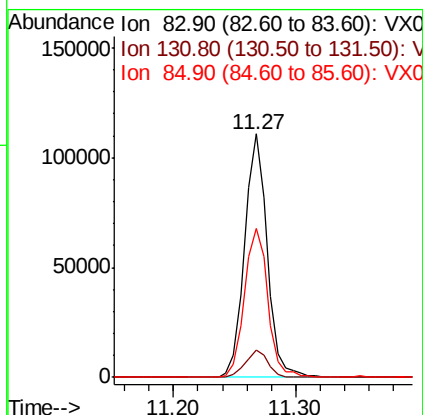
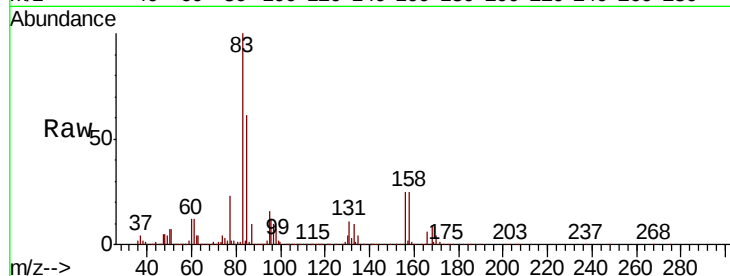
ClientSampleId :

VX0214WBSD01

Tot Ion:	83	Resp:	141738
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.7	17.0
85	63.8	32.8	98.3

Manual Integrations
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2/14/2019 10:57:05 AM



#76

1,2,3-Trichloropropane

Concen: 20.334 ug/l m

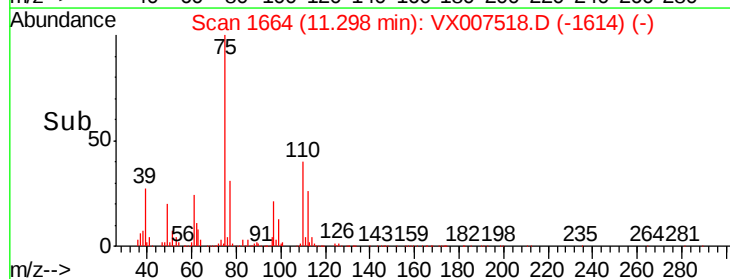
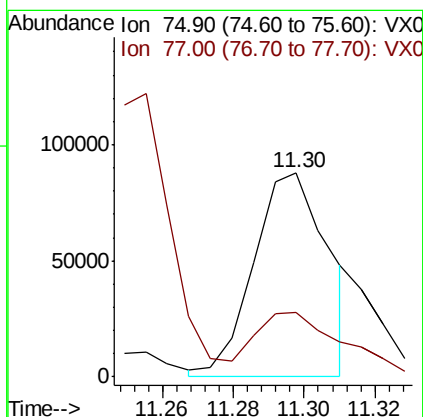
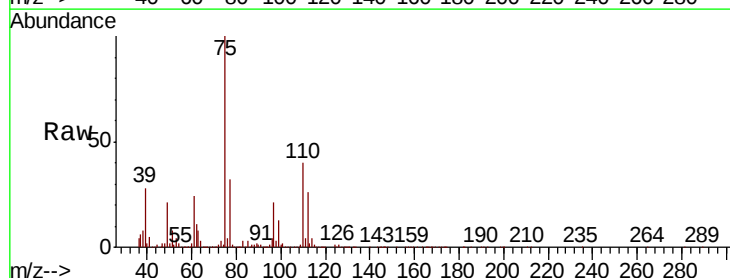
RT: 11.30 min Scan# 1664

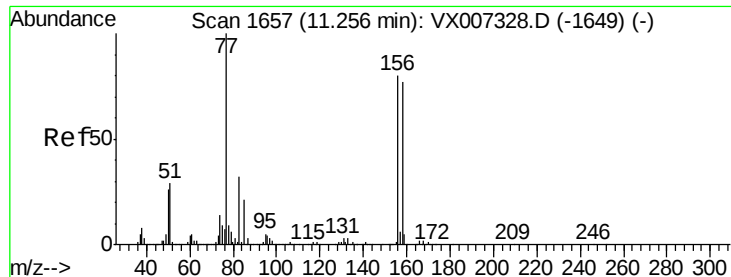
Delta R.T. 0.01 min

Lab File: VX007518.D

Acq: 13 Feb 2019 14:17

Tgt Ion:	75	Resp:	129389
Ion Ratio	Lower	Upper	
75	100		
77	37.1	23.0	69.0





#77

Bromobenzene

Concen: 18.925 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007518.D

Acq: 13 Feb 2019 14:17

Instrument :

MSVOA_X

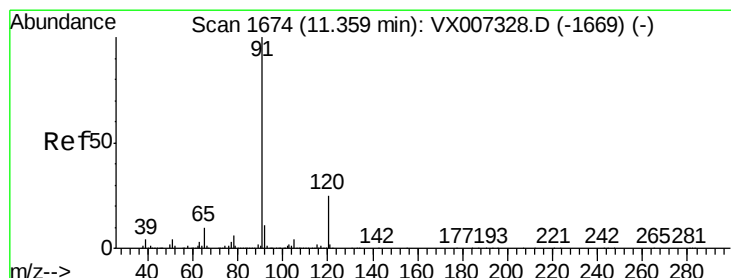
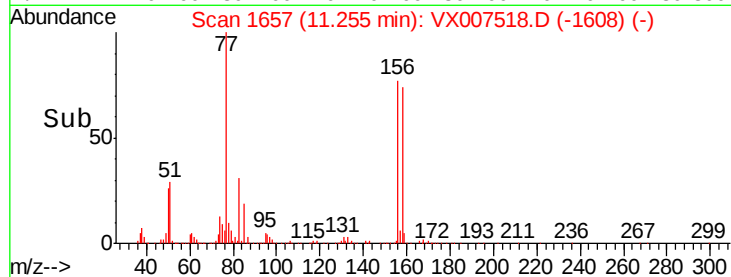
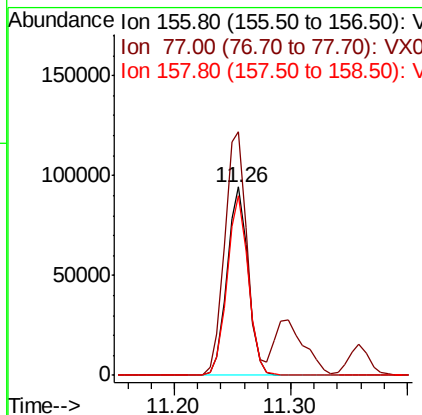
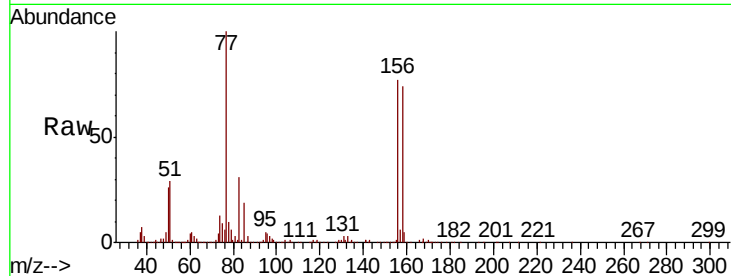
ClientSampleId :

VX0214WBSD01

Tot Ion:	156	Resp:	118541
Ion Ratio	Lower	Upper	
156	100		
77	136.4	66.8	200.6
158	95.6	47.9	143.8

Manual Integrations
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#78

n-propylbenzene

Concen: 19.475 ug/l

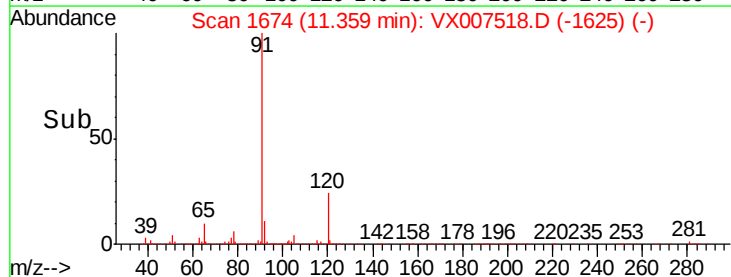
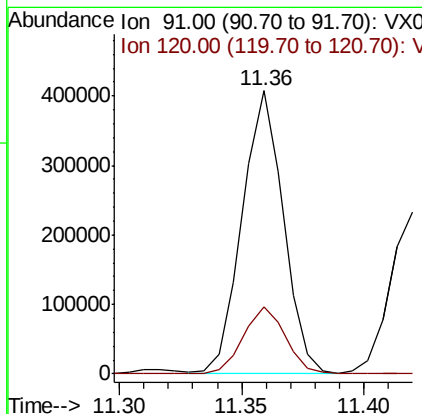
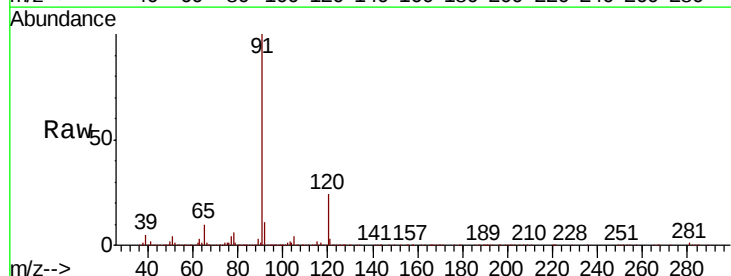
RT: 11.36 min Scan# 1674

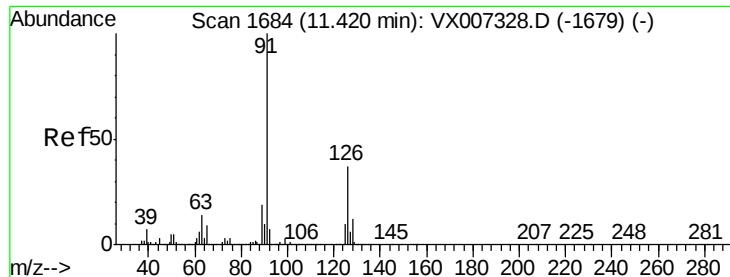
Delta R.T. -0.00 min

Lab File: VX007518.D

Acq: 13 Feb 2019 14:17

Tgt Ion:	91	Resp:	474760
Ion Ratio	Lower	Upper	
91	100		
120	24.5	12.4	37.2





#79

2-Chlorotoluene

Concen: 19.252 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007518.D

Acq: 13 Feb 2019 14:17

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBSD01

Tot Ion: 91 Resp: 284774

Ion Ratio Lower Upper

91 100

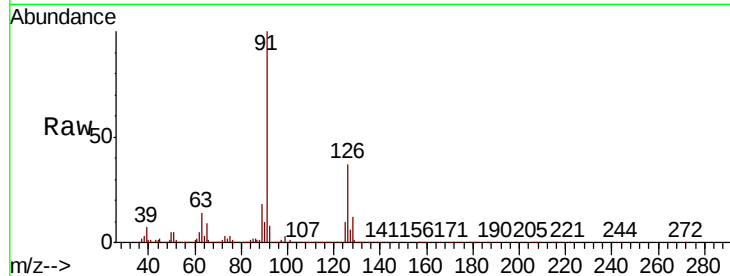
126 36.7 18.7 56.1

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Abundance Ion 91.00 (90.70 to 91.70): VX007328.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX007328.D (-1679) (-)

400000

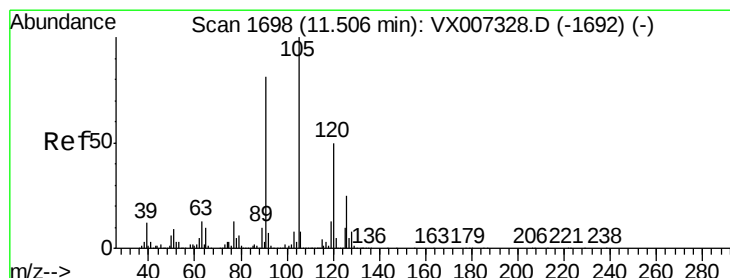
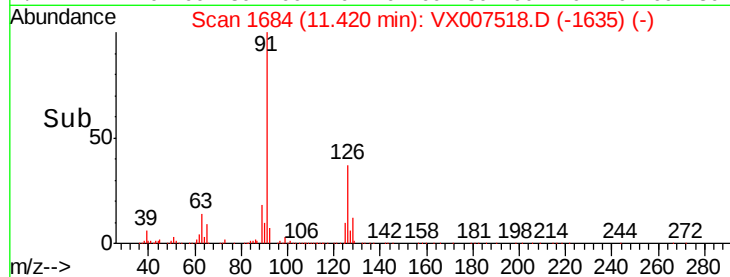
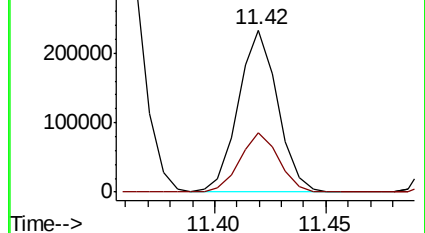
300000

200000

100000

0

11.40 11.45



#80

1,3,5-Trimethylbenzene

Concen: 19.244 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007518.D

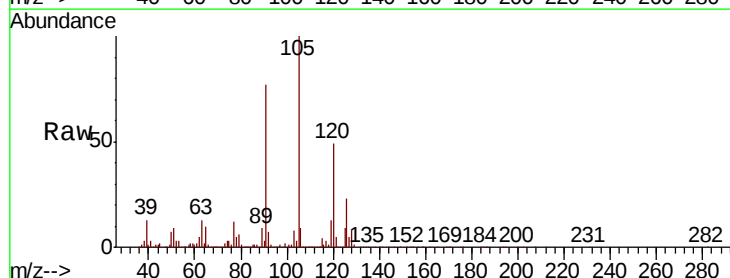
Acq: 13 Feb 2019 14:17

Tgt Ion: 105 Resp: 349995

Ion Ratio Lower Upper

105 100

120 50.0 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VX007328.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX007328.D (-1692) (-)

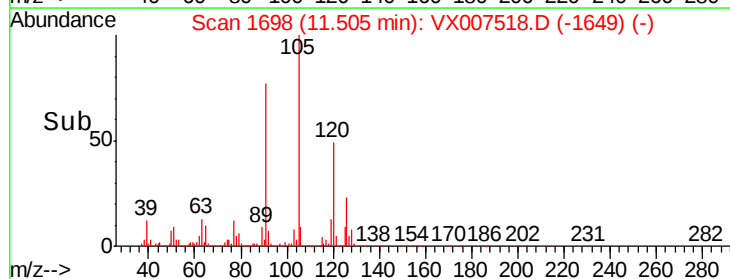
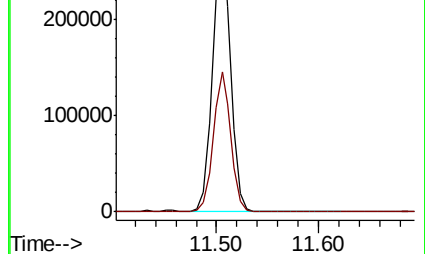
300000

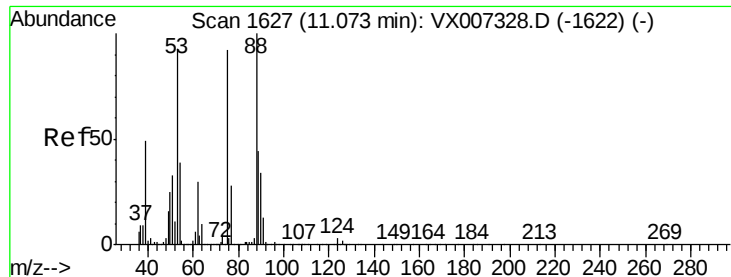
200000

100000

0

11.50 11.60





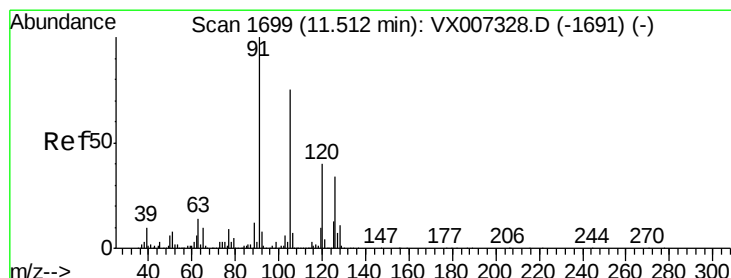
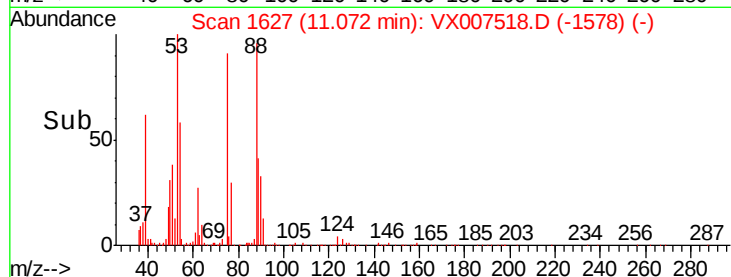
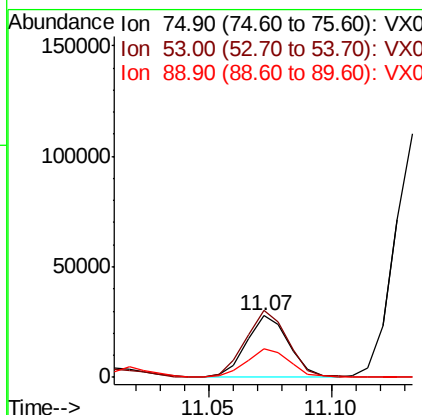
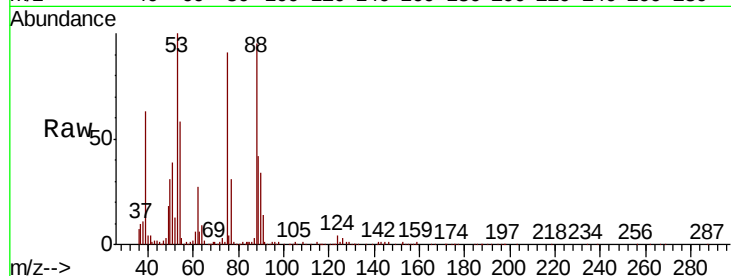
#81
trans-1,4-Dichloro-2-butene
Concen: 19.212 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007518.D
Acq: 13 Feb 2019 14:17

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	108.2	81.0	121.6
89	48.0	41.4	62.0

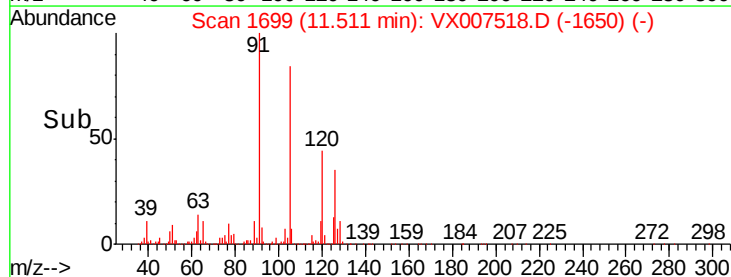
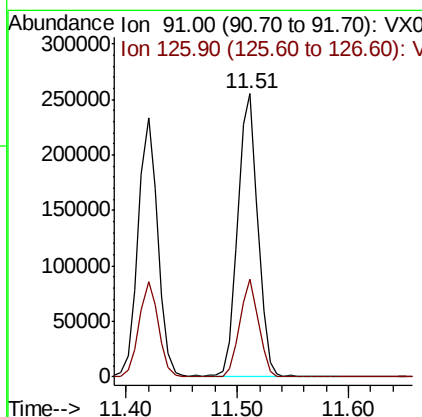
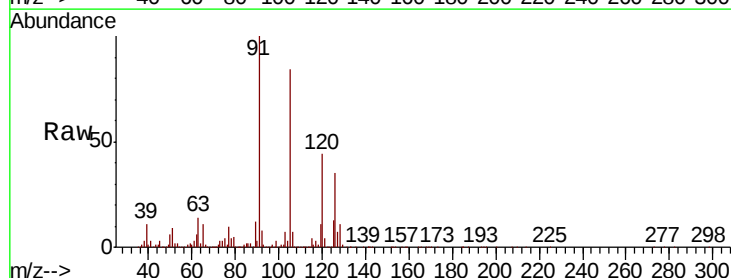
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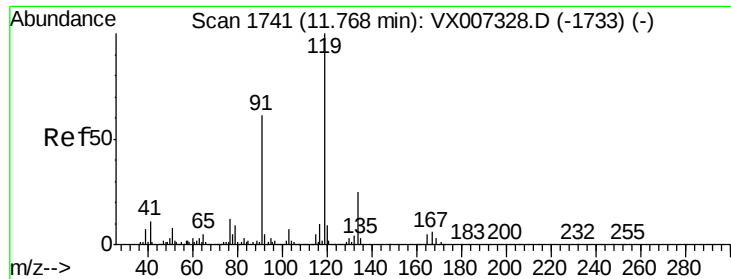
MMDadoda
2/14/2019 10:57:05 AM



#82
4-Chlorotoluene
Concen: 18.633 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007518.D
Acq: 13 Feb 2019 14:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.2	48.5





#83

tert-Butylbenzene

Concen: 19.691 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007518.D

Acq: 13 Feb 2019 14:17

Instrument :

MSVOA_X

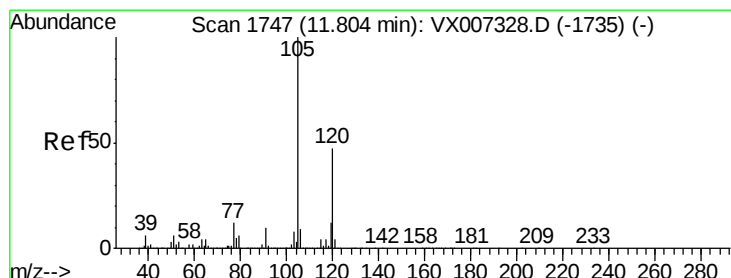
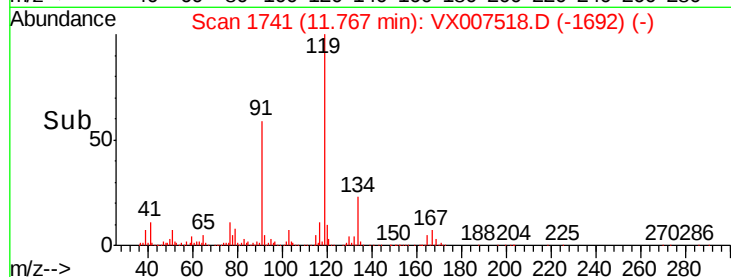
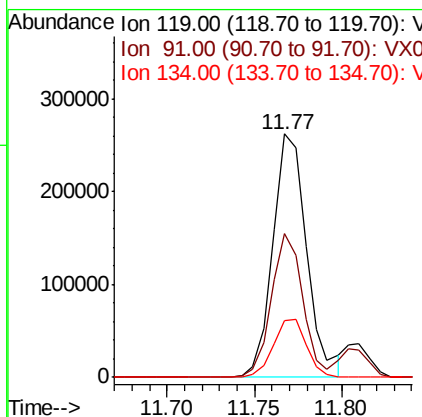
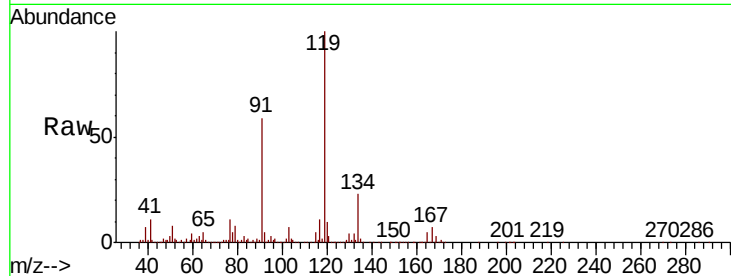
ClientSampleId :

VX0214WBSD01

Tot Ion:	119	Resp:	354570
Ion Ratio	Lower	Upper	
119	100		
91	54.7	28.5	85.6
134	23.4	12.0	36.0

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#84

1,2,4-Trimethylbenzene

Concen: 19.853 ug/l

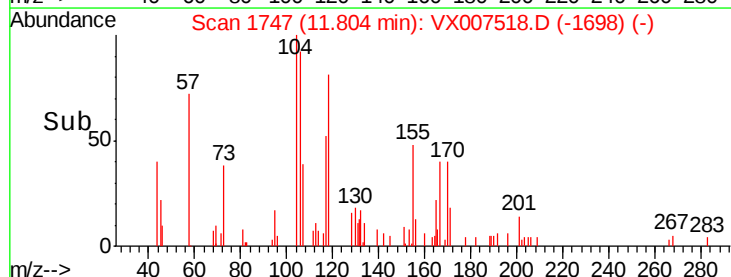
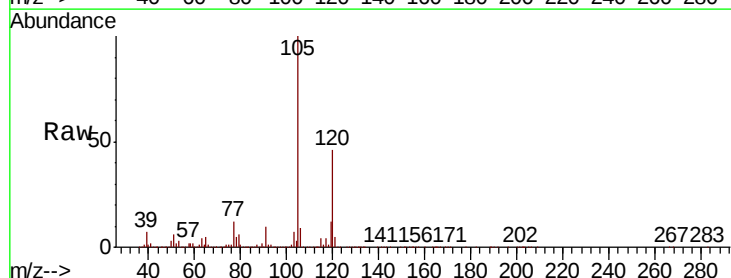
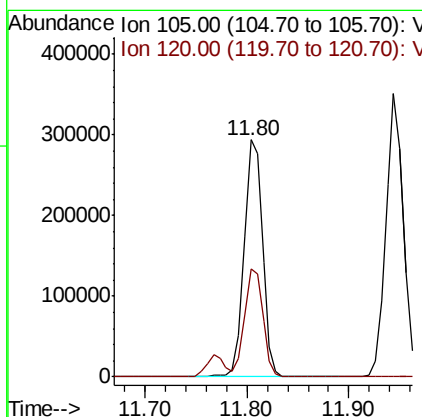
RT: 11.80 min Scan# 1747

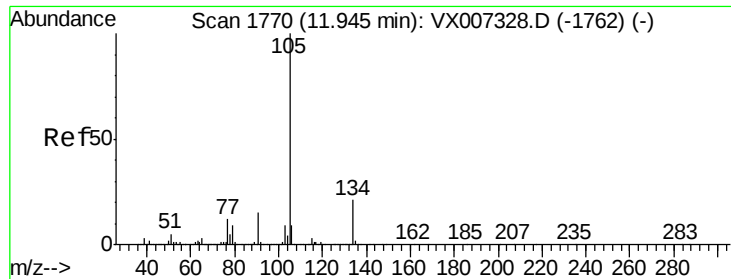
Delta R.T. -0.00 min

Lab File: VX007518.D

Acq: 13 Feb 2019 14:17

Tgt Ion:	105	Resp:	366575
Ion Ratio	Lower	Upper	
105	100		
120	45.5	23.1	69.3





#85

sec-Butylbenzene

Concen: 19.433 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007518.D

Acq: 13 Feb 2019 14:17

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBSD01

Tot Ion:105 Resp: 423511

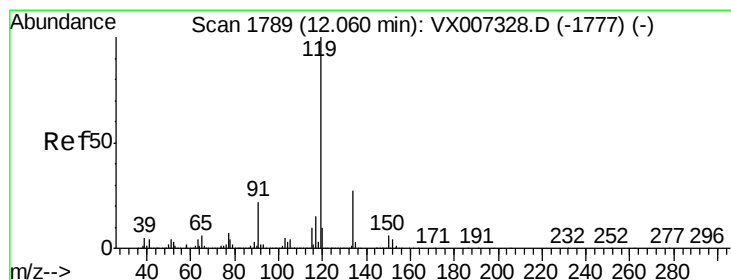
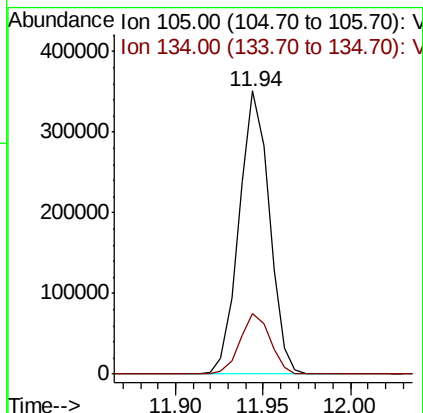
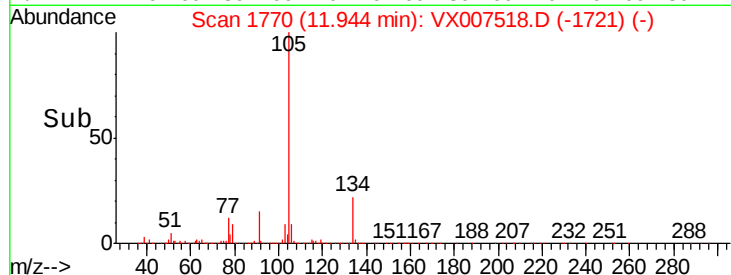
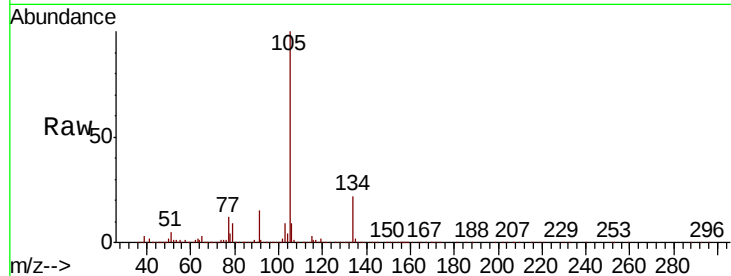
Ion Ratio Lower Upper

105 100

134 21.7 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 19.426 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX007518.D

Acq: 13 Feb 2019 14:17

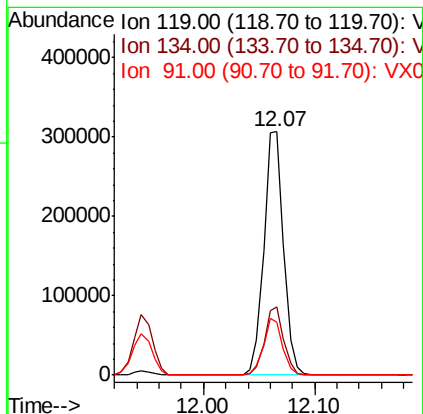
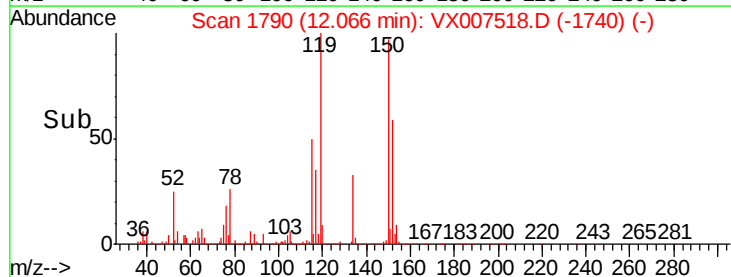
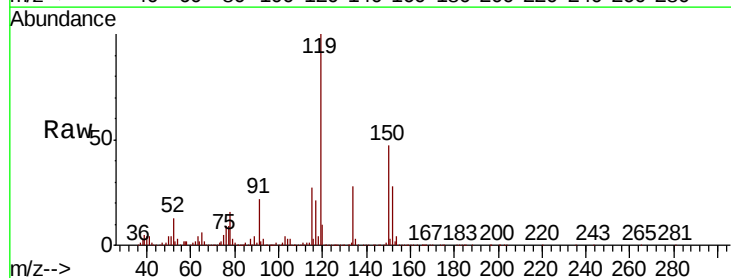
Tgt Ion:119 Resp: 382180

Ion Ratio Lower Upper

119 100

134 26.9 13.7 41.1

91 22.4 11.2 33.5





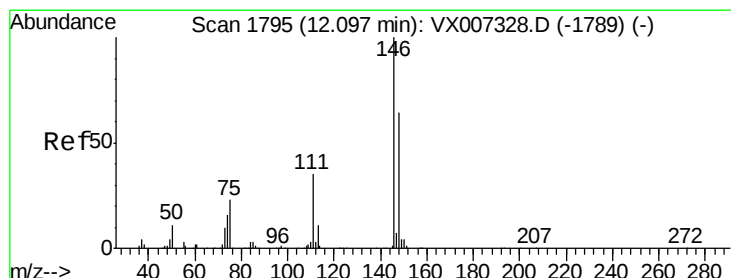
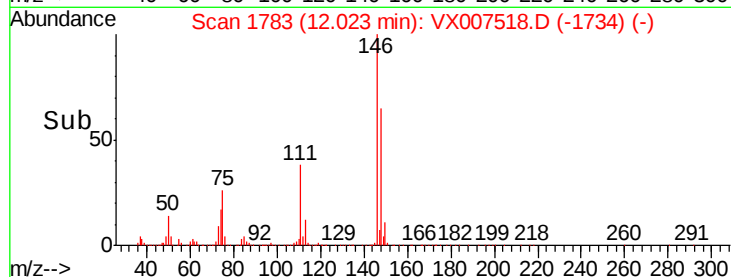
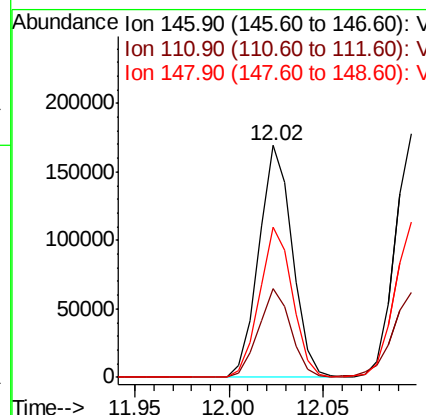
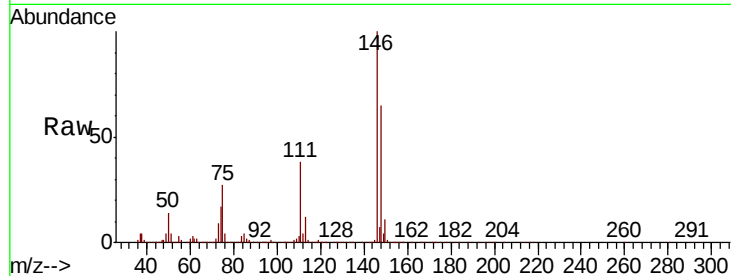
#87
 1,3-Dichlorobenzene
 Concen: 18.478 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007518.D
 Acq: 13 Feb 2019 14:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0214WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.1	54.1
148	64.2	32.0	96.2

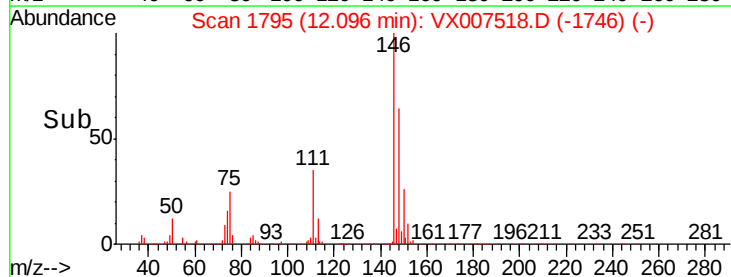
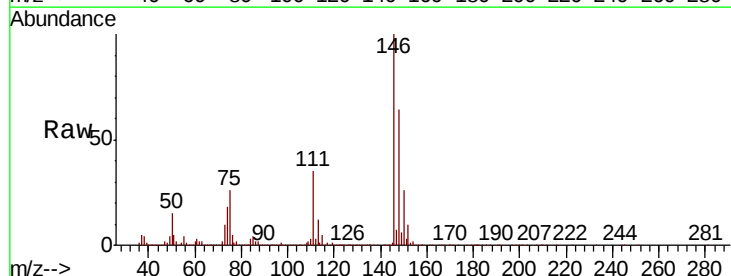
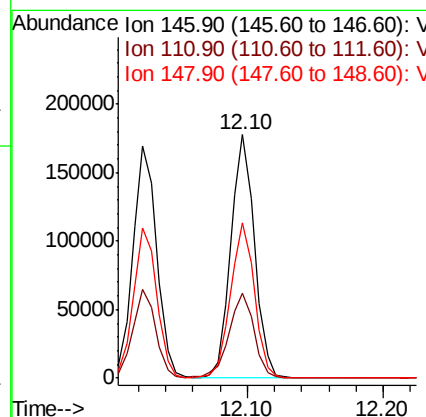
Manual Integrations
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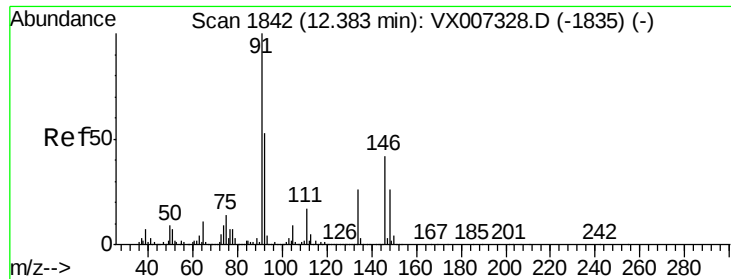
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#88
 1,4-Dichlorobenzene
 Concen: 18.710 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007518.D
 Acq: 13 Feb 2019 14:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.1	54.1
148	64.4	32.3	96.9





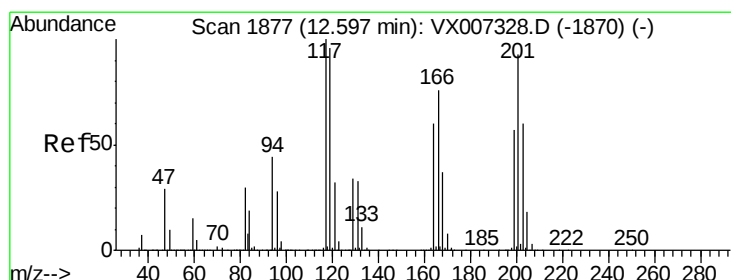
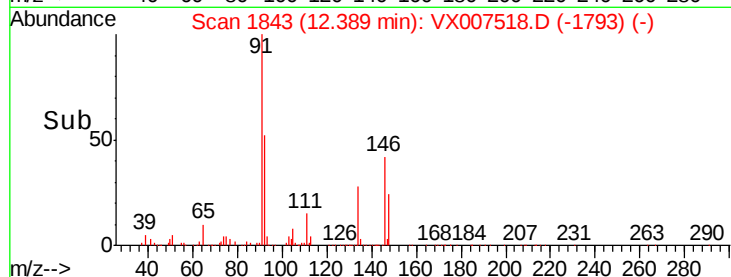
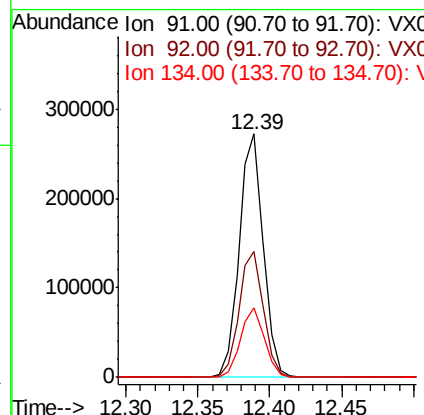
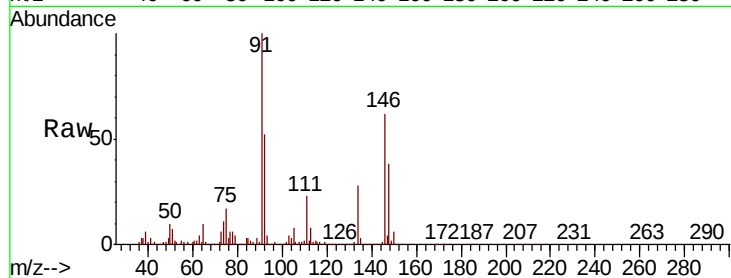
#89
n-Butylbenzene
Concen: 18.791 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007518.D
Acq: 13 Feb 2019 14:17

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	52.4	26.3	78.9	
134	28.4	13.9	41.6	

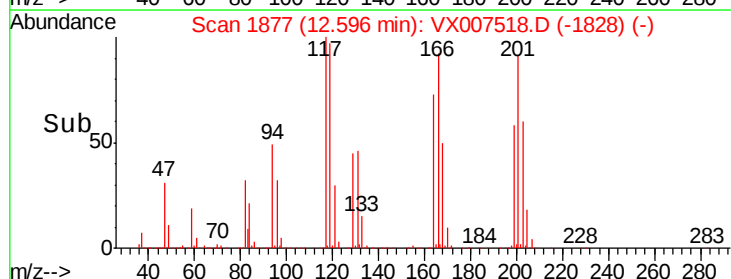
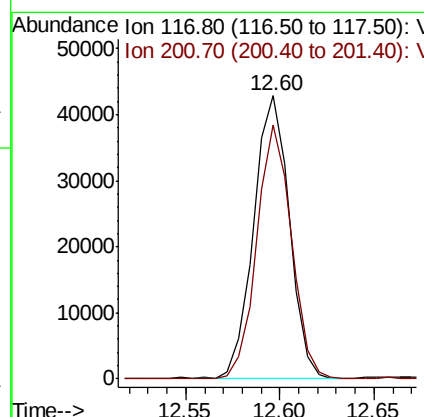
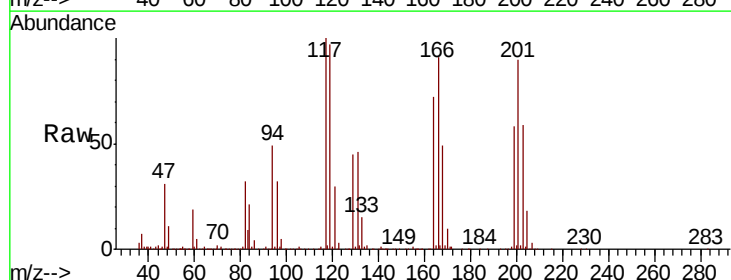
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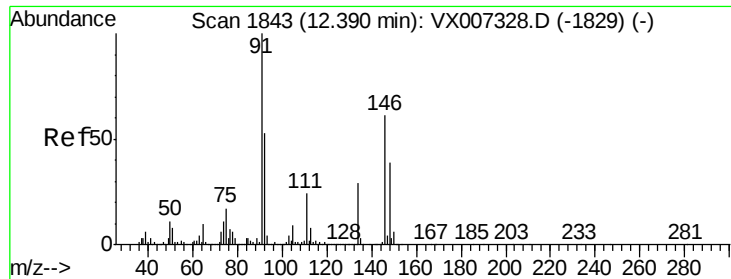
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#90
Hexachloroethane
Concen: 18.996 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007518.D
Acq: 13 Feb 2019 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	87.4	44.9	134.7	





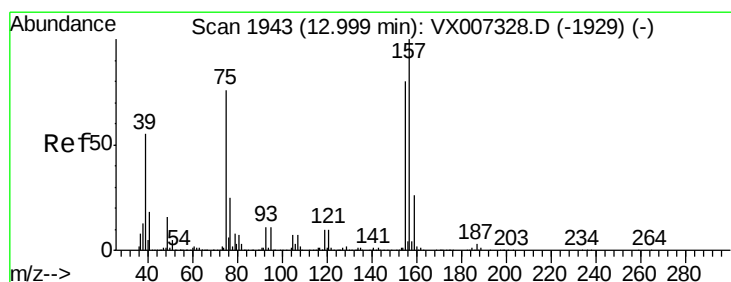
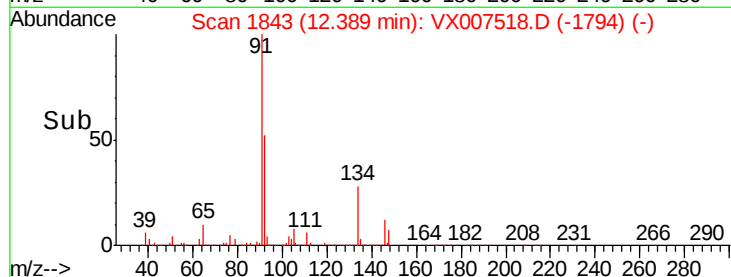
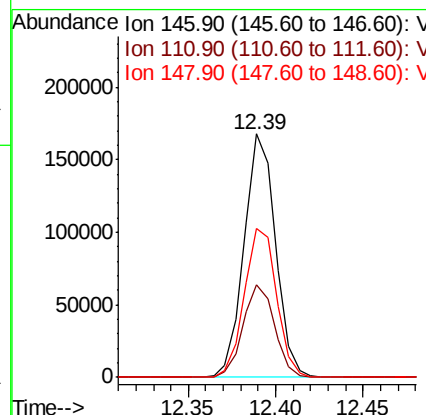
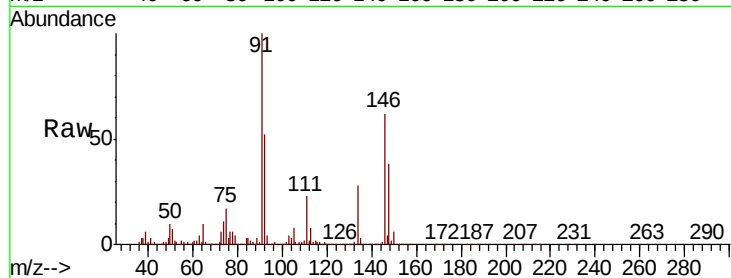
#91
 1,2-Dichlorobenzene
 Concen: 18.689 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007518.D
 Acq: 13 Feb 2019 14:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0214WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.1	57.3
148	63.1	32.1	96.3

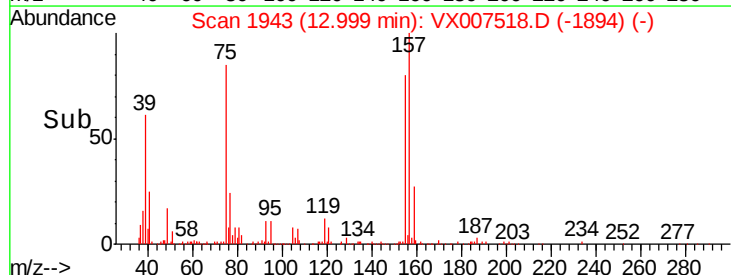
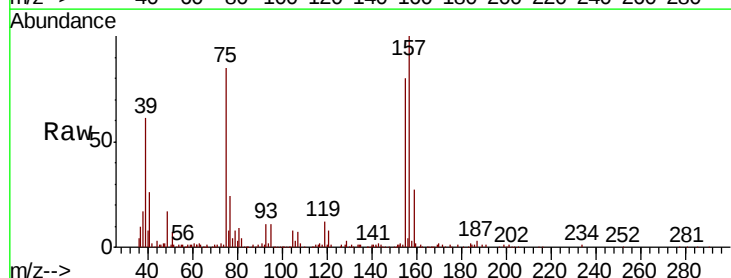
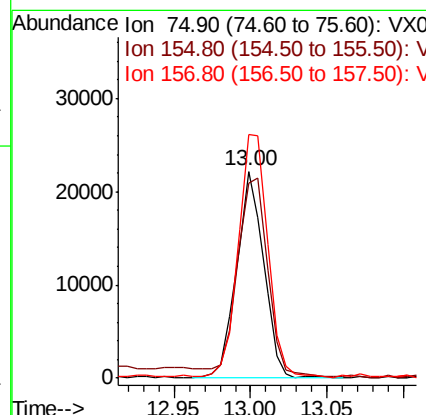
Manual Integrations
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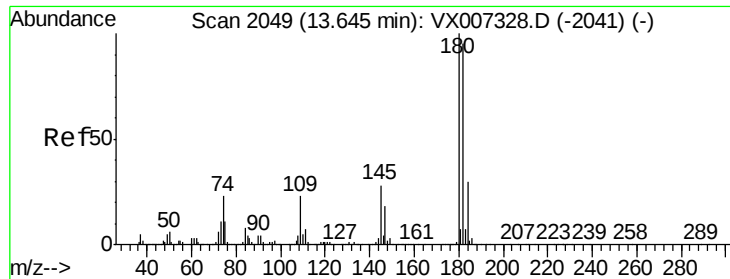
MMDadoda
 2/14/2019 10:57:05 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.418 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007518.D
 Acq: 13 Feb 2019 14:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	106.9	49.6	149.0
157	127.7	65.1	195.3





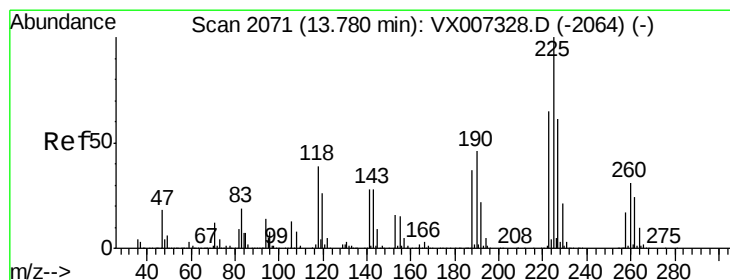
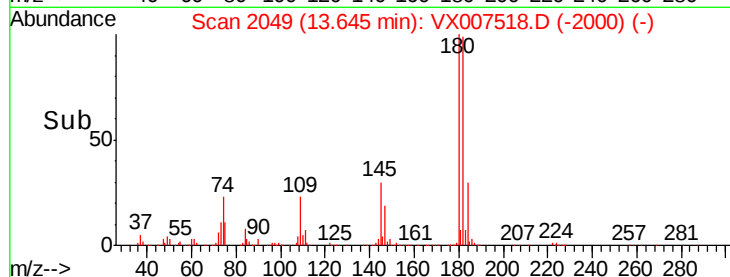
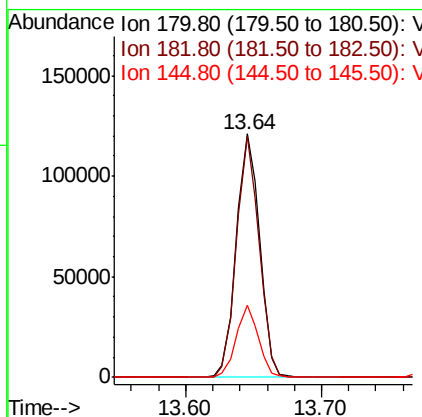
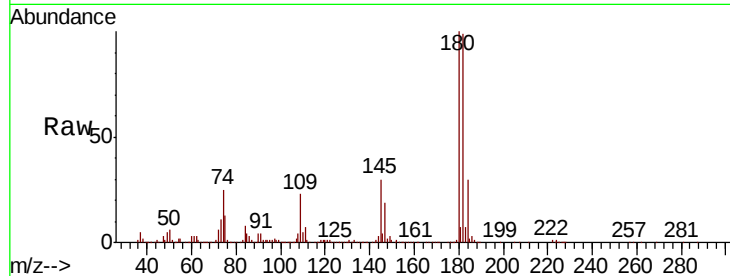
#93
 1,2,4-Trichlorobenzene
 Concen: 19.110 ug/l
 RT: 13.64 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007518.D
 Acq: 13 Feb 2019 14:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0214WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	144176		
182	96.5	47.8	143.3	
145	28.5	14.1	42.2	

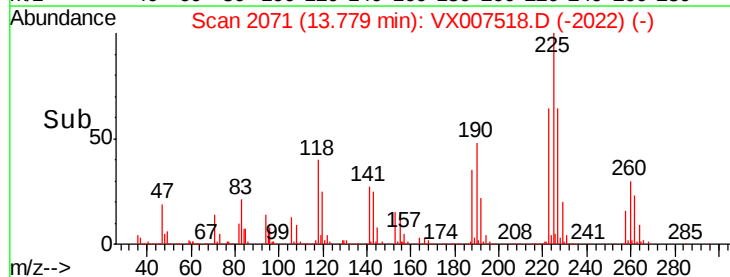
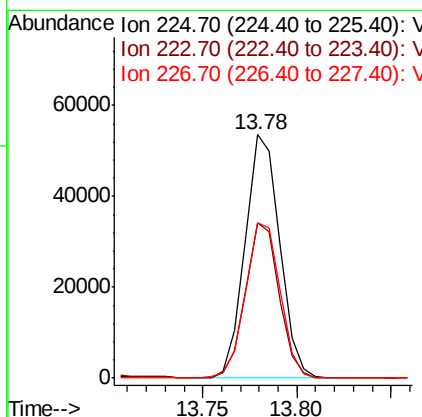
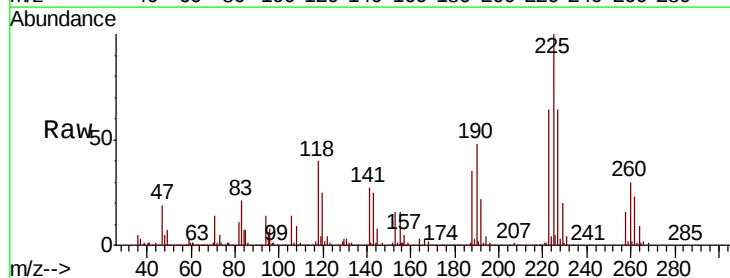
Manual Integrations
 APPROVED

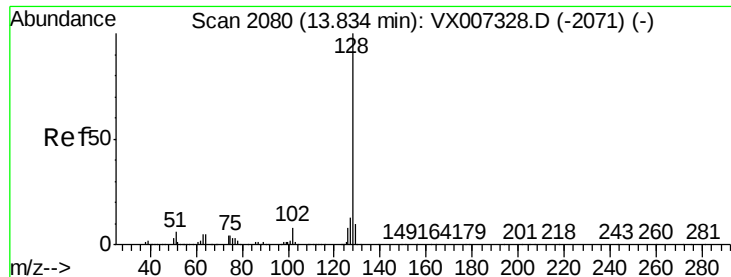
MMDadoda
 2/14/2019 10:57:05 AM



#94
 Hexachlorobutadiene
 Concen: 18.637 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007518.D
 Acq: 13 Feb 2019 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	68276		
223	62.5	31.6	94.8	
227	64.2	32.1	96.3	





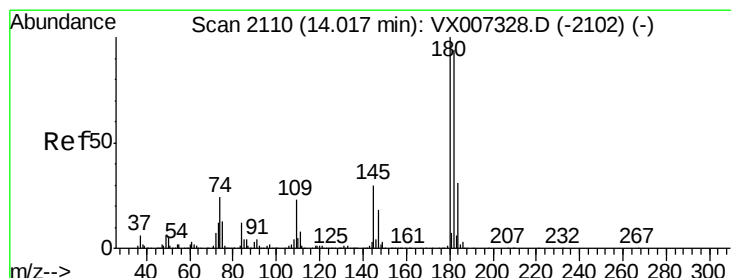
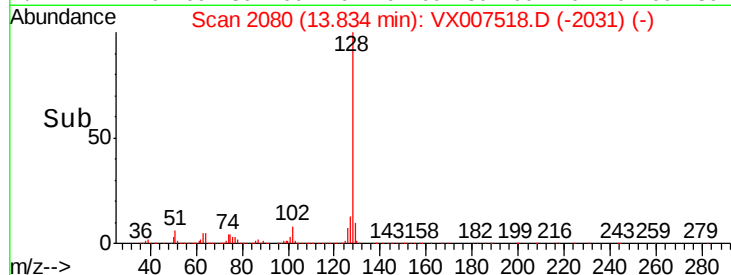
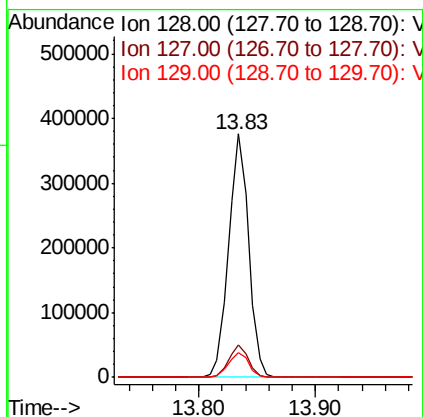
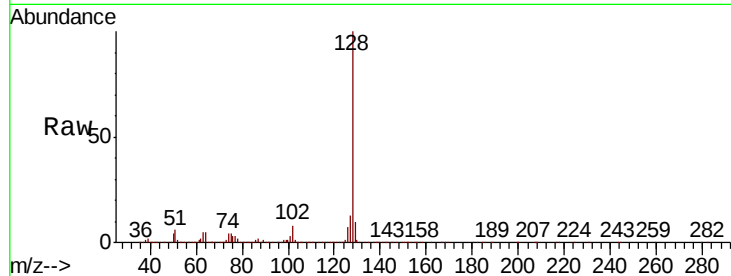
#95
Naphthalene
Concen: 20.415 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007518.D
Acq: 13 Feb 2019 14:17

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	10.6	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
2/14/2019 10:57:05 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.625 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.01 min
Lab File: VX007518.D
Acq: 13 Feb 2019 14:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.5	142.6
145	31.2	14.9	44.5

