

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021519\
 Data File : VX007540.D
 Acq On : 14 Feb 2019 12:48
 Operator : JC/SP
 Sample : VX0215WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0215WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/15/2019 10:10:10 AM

Quant Time: Feb 15 02:51:26 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	5.67	168	466684	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	693461	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	622997	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	316315	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	250517	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
35) Dibromofluoromethane	5.51	113	229313	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
50) Toluene-d8	8.71	98	832035	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
62) 4-Bromofluorobenzene	11.13	95	286530	46.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	101855	17.875	ug/l	99
3) Chloromethane	1.33	50	90352	17.189	ug/l	98
4) Vinyl Chloride	1.42	62	97146	18.838	ug/l	100
5) Bromomethane	1.64	94	89826	17.296	ug/l	100
6) Chloroethane	1.73	64	60980	18.280	ug/l	98
7) Trichlorofluoromethane	1.93	101	157377	19.509	ug/l	95
8) Diethyl Ether	2.20	74	58768	19.355	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	87211	18.175	ug/l	98
10) Methyl Iodide	2.51	142	106713	15.118	ug/l	98
11) Tert butyl alcohol	3.07	59	108023	105.376	ug/l	99
12) 1,1-Dichloroethene	2.38	96	80598	18.088	ug/l	99
13) Acrolein	2.30	56	38025	79.102	ug/l	93
14) Allyl chloride	2.73	41	139550	19.221	ug/l	99
15) Acrylonitrile	3.15	53	257257	101.444	ug/l	99
16) Acetone	2.45	43	248300	109.429	ug/l	97
17) Carbon Disulfide	2.57	76	186913	17.482	ug/l	98
18) Methyl Acetate	2.78	43	140089	24.008	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	279056	19.331	ug/l	99
20) Methylene Chloride	2.86	84	92216	19.658	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	84463	17.794	ug/l	99
22) Diisopropyl ether	3.87	45	267338	20.018	ug/l	97
23) Vinyl Acetate	3.83	43	1106585	99.853	ug/l	99
24) 1,1-Dichloroethane	3.70	63	150856	19.670	ug/l	98
25) 2-Butanone	4.70	43	343182	106.277	ug/l	98
26) 2,2-Dichloropropane	4.59	77	113289	19.397	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	98663	19.030	ug/l	99
28) Bromochloromethane	5.02	49	69727	19.770	ug/l	96
29) Tetrahydrofuran	5.16	42	218596	107.635	ug/l	99
30) Chloroform	5.21	83	163025	20.371	ug/l	97
31) Cyclohexane	5.58	56	125482	18.217	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	135290	20.027	ug/l	98
36) 1,1-Dichloropropene	5.81	75	113947	18.314	ug/l	99
37) Ethyl Acetate	4.86	43	123791	19.682	ug/l	98
38) Carbon Tetrachloride	5.79	117	116890	19.364	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	133342	17.713	ug/l	97
40) Benzene	6.15	78	350841	19.142	ug/l	99
41) Methacrylonitrile	5.07	41	67371	19.986	ug/l	98
42) 1,2-Dichloroethane	6.20	62	119428	18.833	ug/l	99
43) Isopropyl Acetate	6.46	43	192967	19.877	ug/l	99
44) Trichloroethene	7.21	130	102514	18.571	ug/l	100
45) 1,2-Dichloropropane	7.52	63	88127	19.191	ug/l	98
46) Dibromomethane	7.66	93	63906	19.147	ug/l	97
47) Bromodichloromethane	7.90	83	112094	19.817	ug/l	98
48) Methyl methacrylate	7.77	41	98979	20.383	ug/l	99
49) 1,4-Dioxane	7.75	88	47159	430.973	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	653300	102.223	ug/l	100
52) Toluene	8.79	92	225109	19.036	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	114277	18.808	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	130954	19.599	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	96039	19.484	ug/l	97
56) Ethyl methacrylate	9.18	69	133770	19.594	ug/l	96
57) 1,3-Dichloropropane	9.37	76	151869	19.374	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	345565	96.033	ug/l	99
59) 2-Hexanone	9.49	43	508833	102.314	ug/l	99
60) Dibromochloromethane	9.59	129	93841	20.129	ug/l	98
61) 1,2-Dibromoethane	9.67	107	101761	19.494	ug/l	98
64) Tetrachloroethene	9.34	164	104012	17.713	ug/l	98
65) Chlorobenzene	10.14	112	260884	19.190	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	93995	20.622	ug/l	99
67) Ethyl Benzene	10.25	91	415922	18.998	ug/l	97
68) m/p-Xylenes	10.36	106	327221	37.600	ug/l	99
69) o-Xylene	10.70	106	163263	19.496	ug/l	97
70) Styrene	10.71	104	256514	18.888	ug/l	99
71) Bromoform	10.86	173	69835	20.090	ug/l	99
73) Isopropylbenzene	11.02	105	425233	19.783	ug/l	99
74) N-amyl acetate	10.90	43	163994	19.725	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	140379	21.429	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	146069m	23.741	ug/l	
77) Bromobenzene	11.26	156	116209	19.188	ug/l	98
78) n-propylbenzene	11.36	91	469558	19.921	ug/l	99
79) 2-Chlorotoluene	11.42	91	281430	19.677	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	350020	19.904	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	35895	20.736	ug/l	95
82) 4-Chlorotoluene	11.51	91	324754	19.623	ug/l	100
83) tert-Butylbenzene	11.77	119	345281	19.831	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	362235	20.289	ug/l	98
85) sec-Butylbenzene	11.94	105	421585	20.006	ug/l	100
86) p-Isopropyltoluene	12.06	119	374104	19.667	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	202792	18.657	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	203591	18.462	ug/l	99
89) n-Butylbenzene	12.38	91	307249	18.776	ug/l	99
90) Hexachloroethane	12.60	117	57892	20.335	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	205213	18.971	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	28320	20.791	ug/l	95

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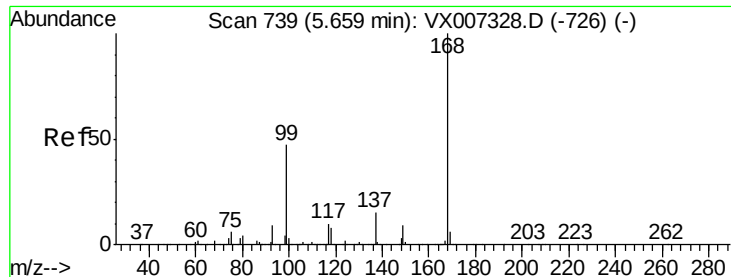
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	131744	18.060	ug/l	99
94) Hexachlorobutadiene	13.78	225	64637	18.248	ug/l	98
95) Naphthalene	13.83	128	415938	19.498	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	131250	17.874	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

VX0215WBS01

Tot Ion:168 Resp: 466684

Ion Ratio Lower Upper

168 100

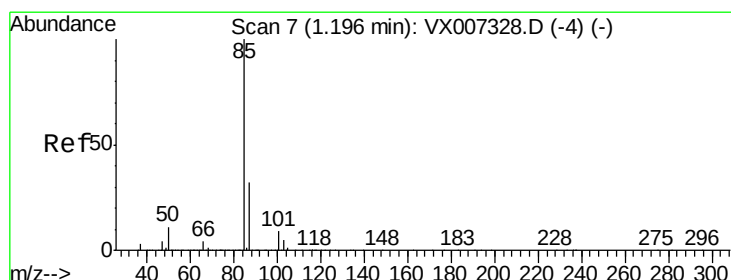
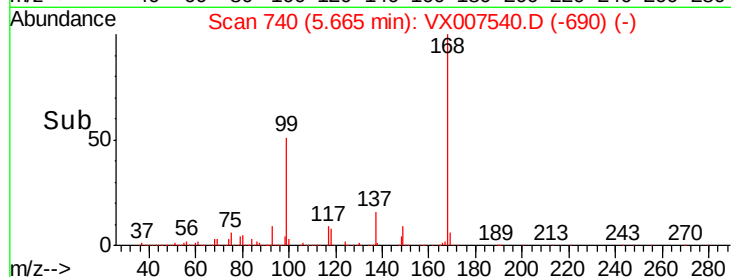
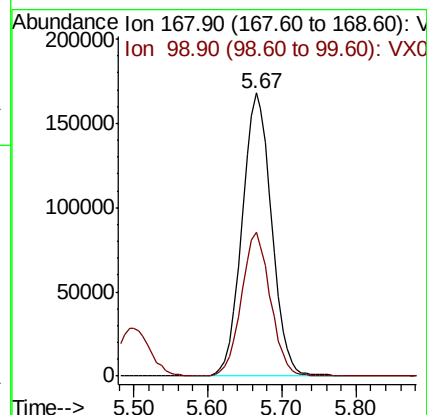
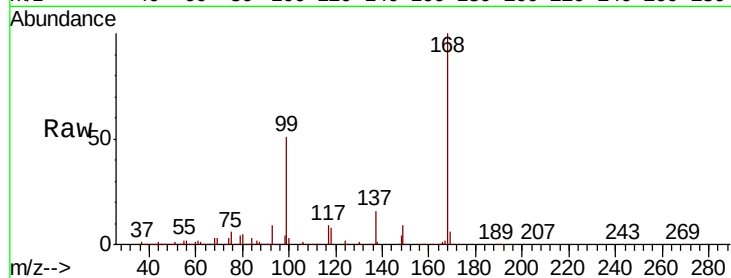
99 50.6 37.9 56.9

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 17.875 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007540.D

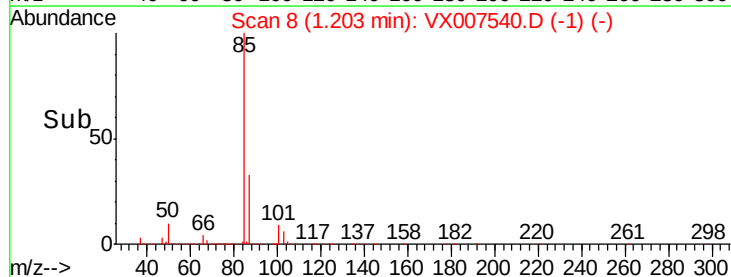
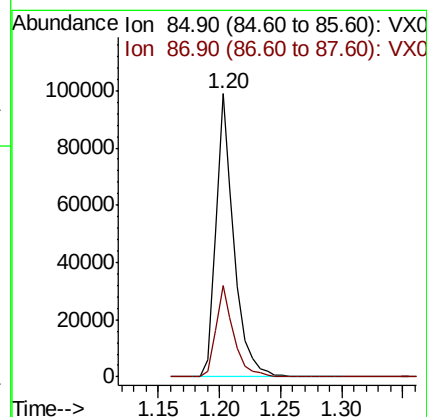
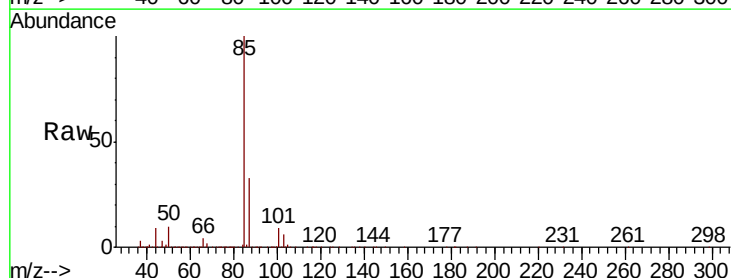
Acq: 14 Feb 2019 12:48

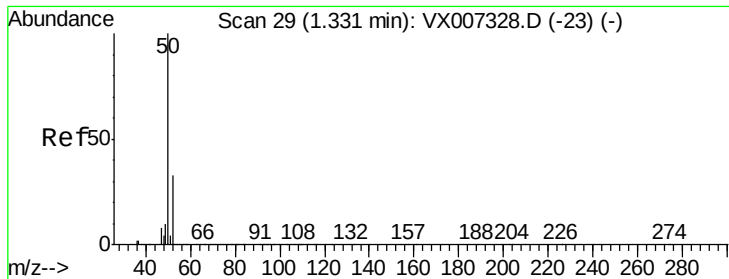
Tgt Ion: 85 Resp: 101855

Ion Ratio Lower Upper

85 100

87 32.4 15.8 47.4





#3

Chloromethane

Concen: 17.189 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

VX0215WBS01

Tot Ion: 50 Resp: 90352

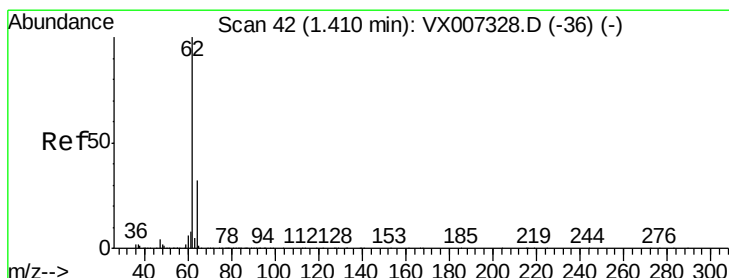
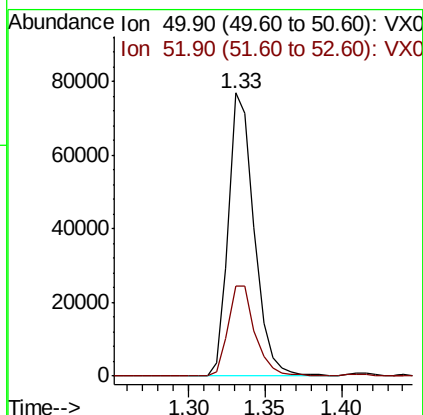
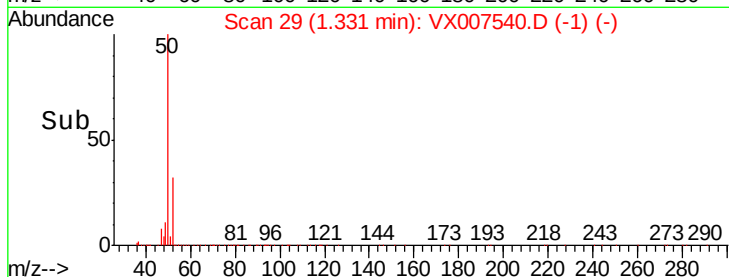
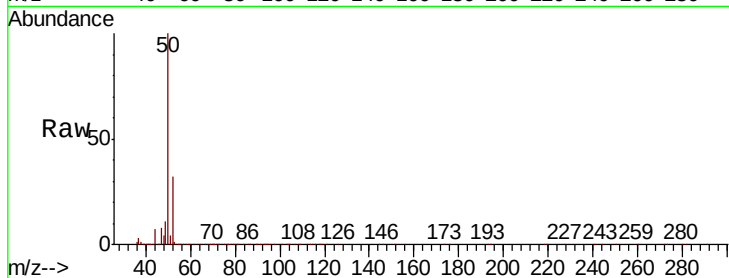
Ion Ratio Lower Upper

50 100

52 31.7 26.1 39.1

Manual Integrations
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#4

Vinyl Chloride

Concen: 18.838 ug/l

RT: 1.42 min Scan# 43

Delta R.T. 0.01 min

Lab File: VX007540.D

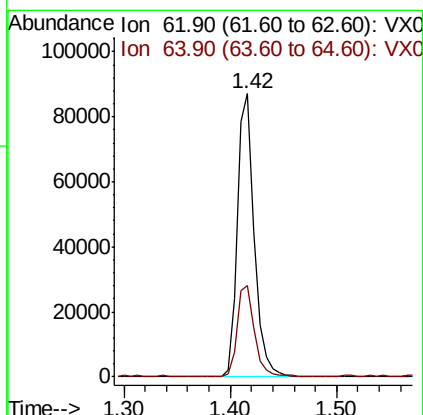
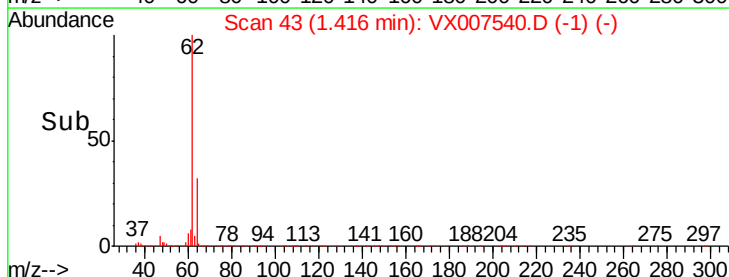
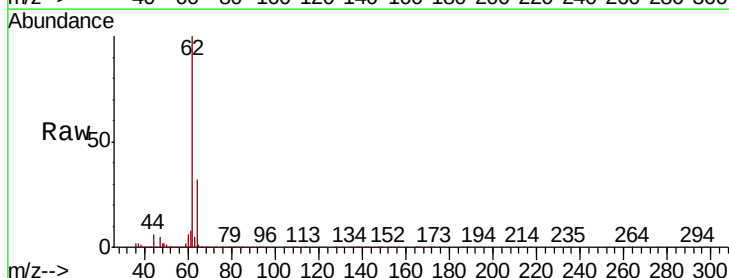
Acq: 14 Feb 2019 12:48

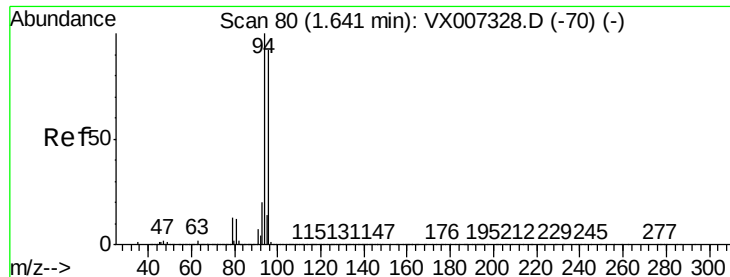
Tgt Ion: 62 Resp: 97146

Ion Ratio Lower Upper

62 100

64 31.9 25.4 38.0





#5

Bromomethane

Concen: 17.296 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

VX0215WBS01

Tot Ion: 94 Resp: 89826

Ion Ratio Lower Upper

94 100

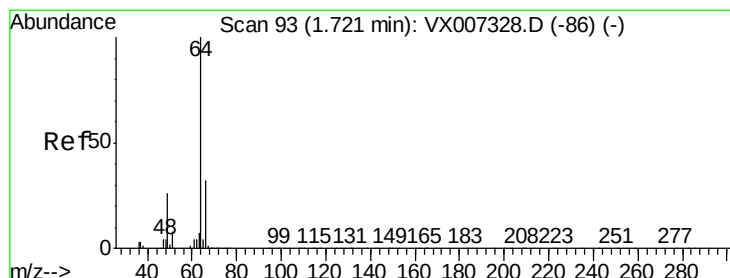
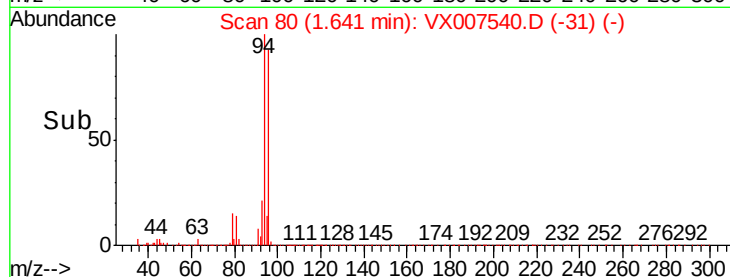
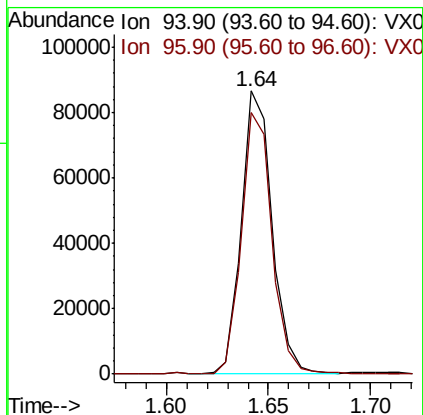
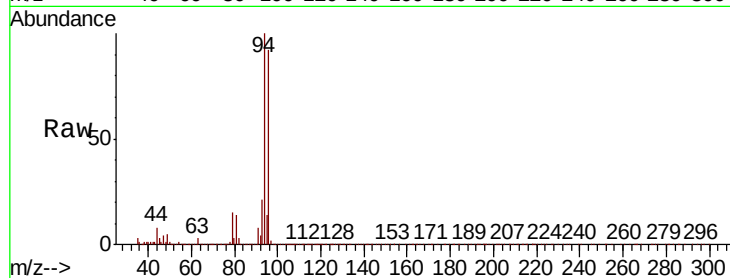
96 92.4 73.9 110.9

Manual Integrations

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#6

Chloroethane

Concen: 18.280 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007540.D

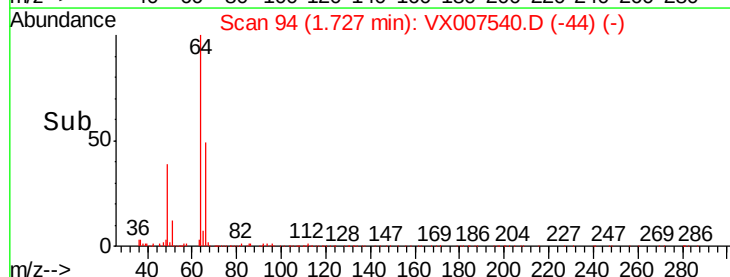
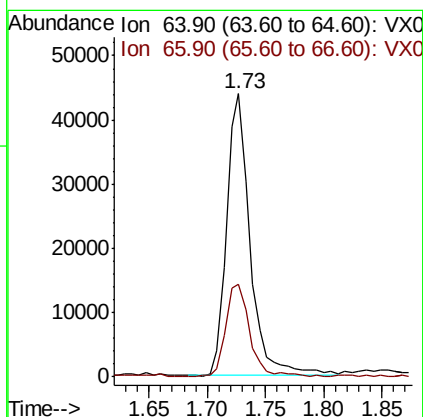
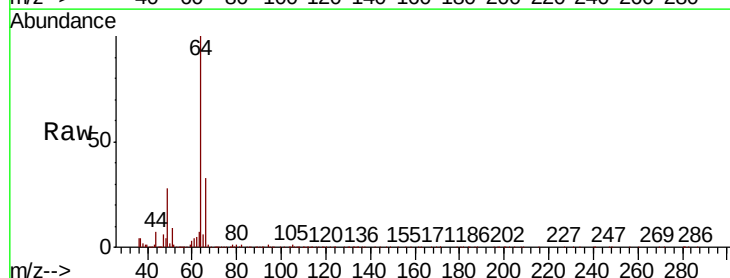
Acq: 14 Feb 2019 12:48

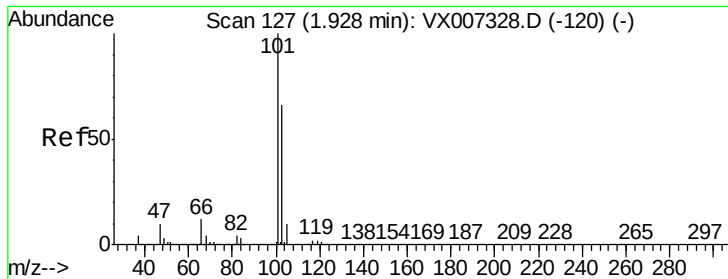
Tgt Ion: 64 Resp: 60980

Ion Ratio Lower Upper

64 100

66 32.8 25.5 38.3





#7

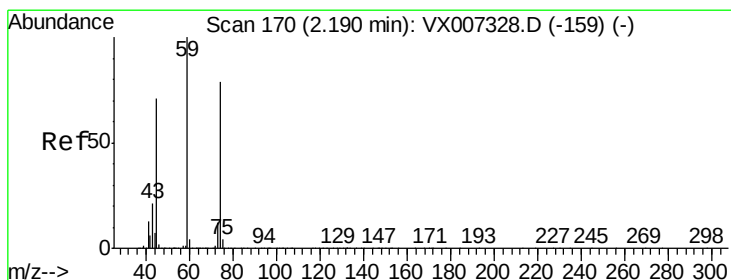
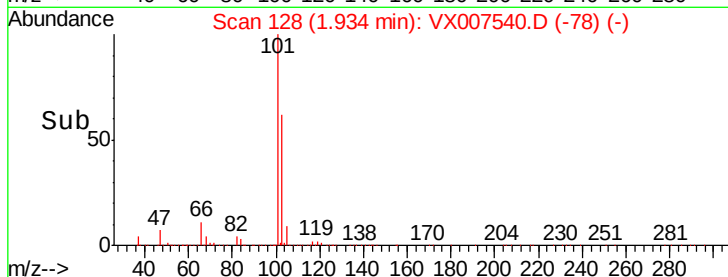
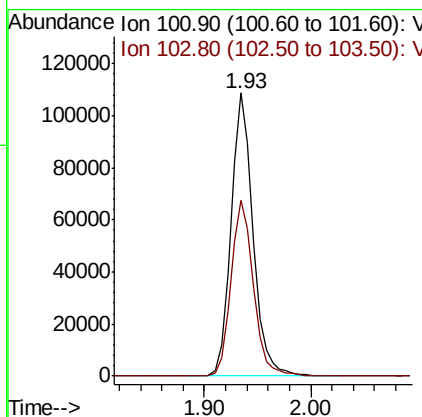
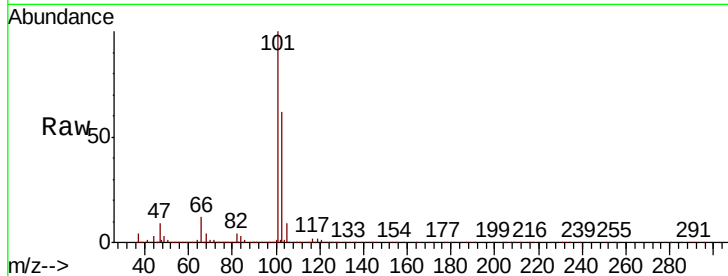
Trichlorofluoromethane
 Concen: 19.509 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: VX007540.D
 Acq: 14 Feb 2019 12:48

Instrument :
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 ClientSampleId :
 VX0215WBS01

Tot Ion	Ion	Ratio	Lower	Upper
101	100			
103	62.1	52.6	79.0	

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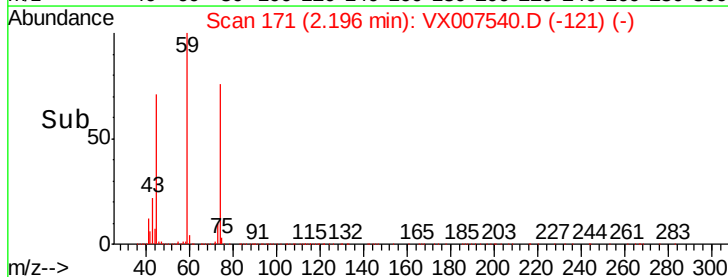
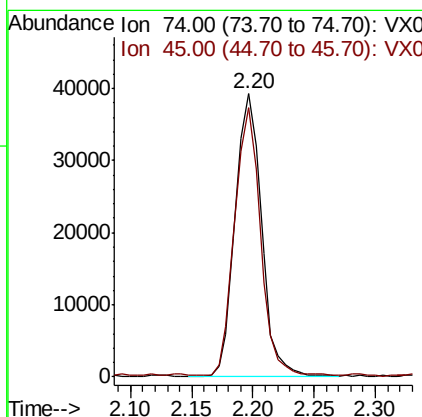
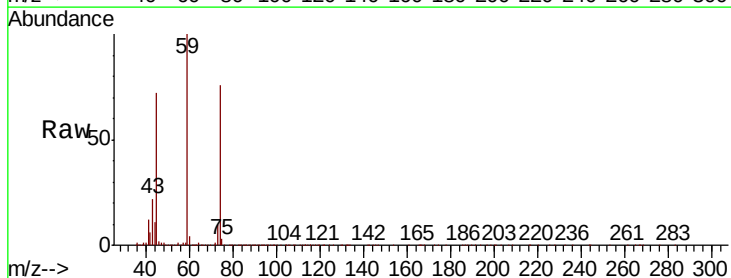
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 2/15/2019 10:10:10 AM

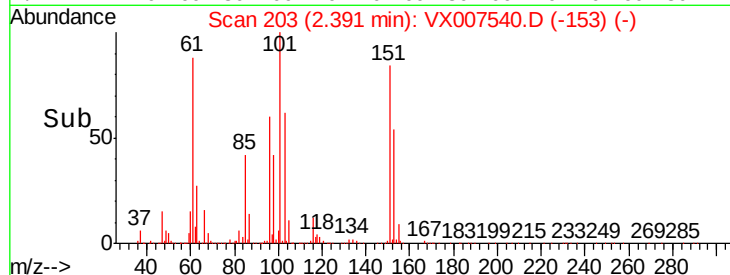
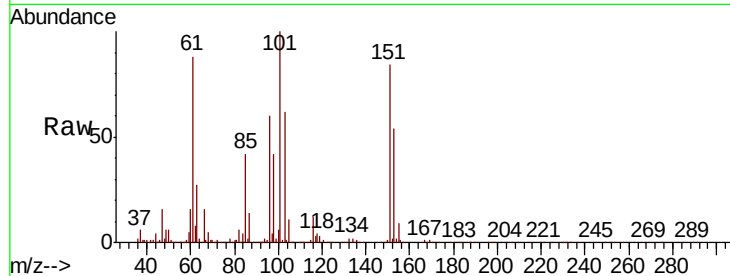
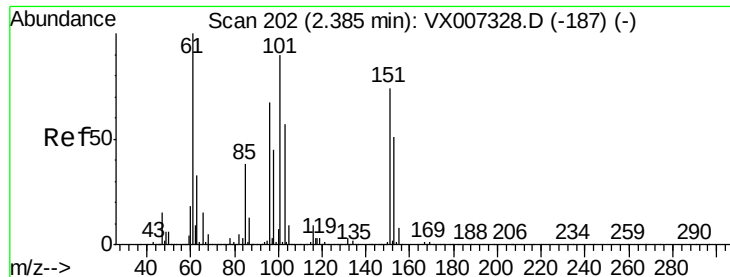


#8

Diethyl Ether
 Concen: 19.355 ug/l
 RT: 2.20 min Scan# 171
 Delta R.T. 0.01 min
 Lab File: VX007540.D
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Tgt Ion	Ion	Ratio	Lower	Upper
74	100			
45	92.5	45.7	137.1	





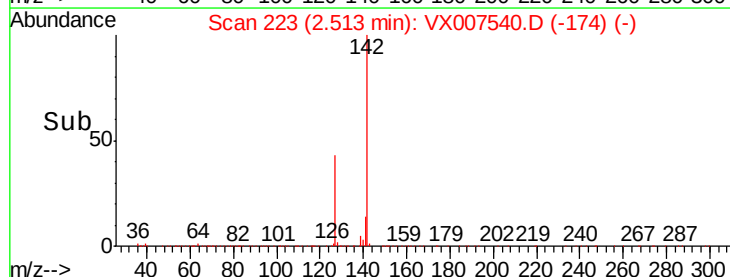
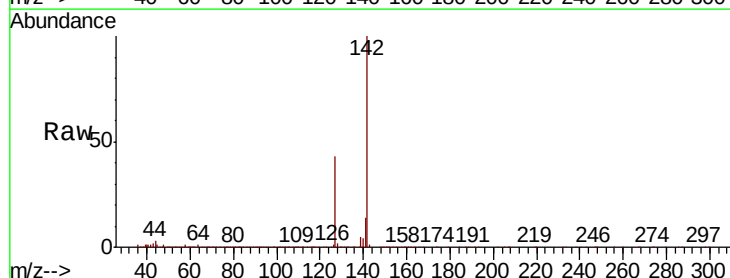
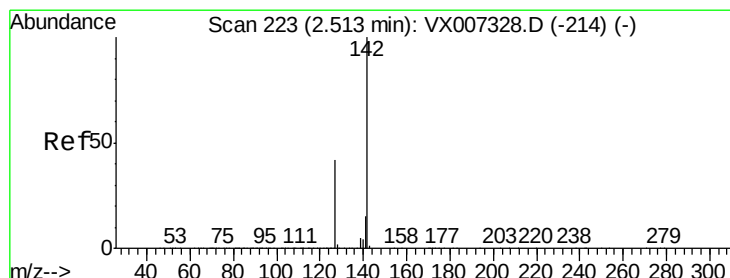
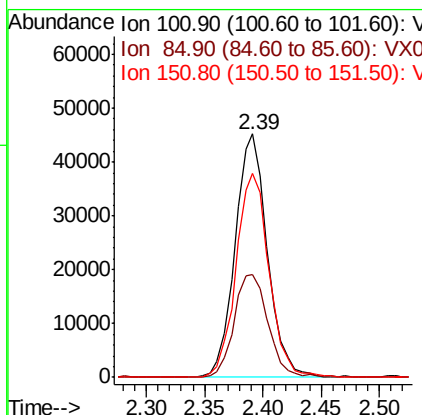
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.175 ug/l
RT: 2.39 min Scan# 203
Delta R.T. 0.01 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0215WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
85	44.6	34.1	51.1
151	86.2	69.9	104.9

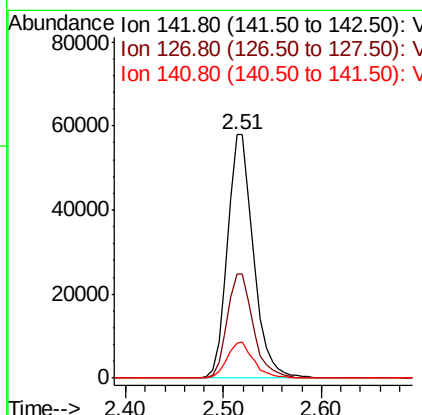
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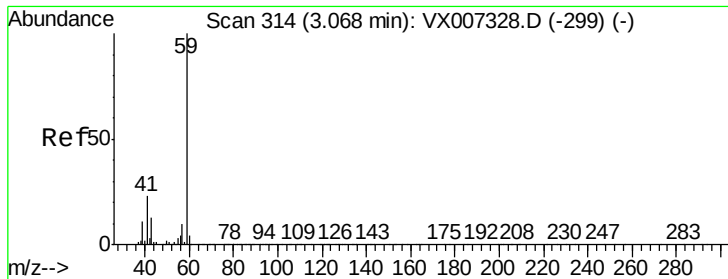
MMDadoda
2/15/2019 10:10:10 AM



#10
Methyl Iodide
Concen: 15.118 ug/l
RT: 2.51 min Scan# 223
Delta R.T. -0.00 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

Tgt Ion	Ratio	Lower	Upper
142	100		
127	43.4	33.7	50.5
141	15.3	11.3	16.9





#11

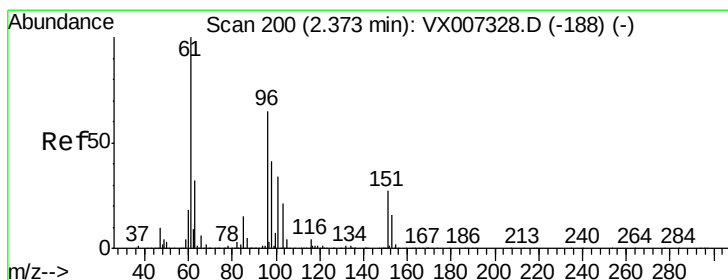
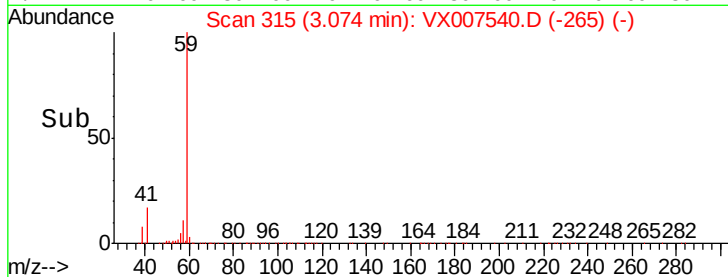
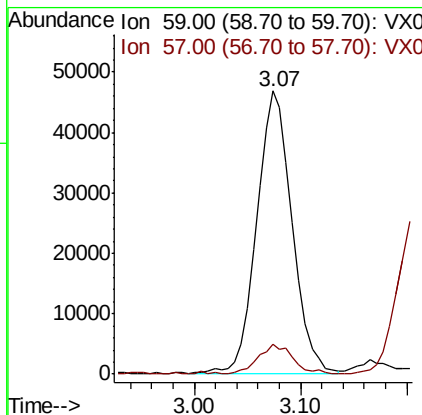
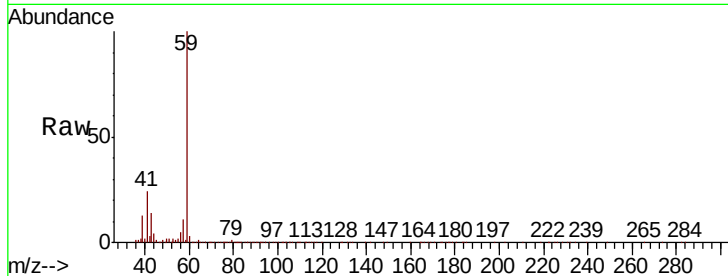
Tert butyl alcohol
 Concen: 105.376 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. 0.01 min
 Lab File: VX007540.D
 Acq: 14 Feb 2019 12:48

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0215WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.1	12.1

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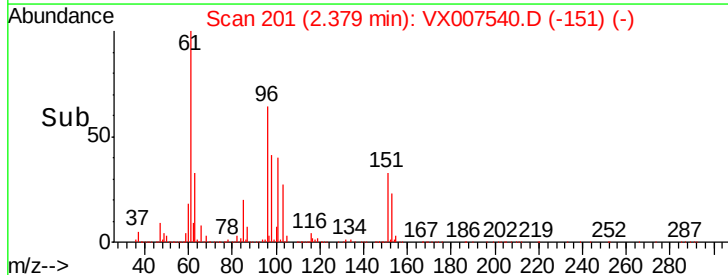
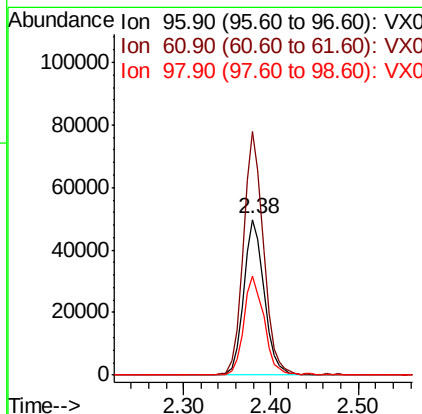
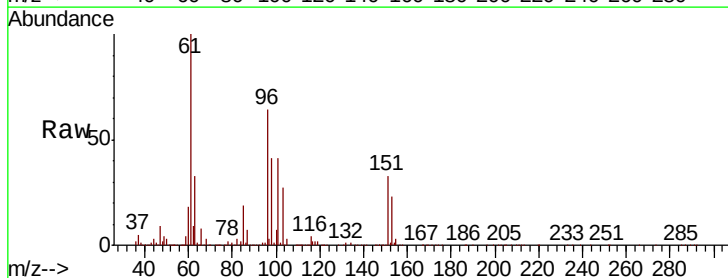
MMDadoda
 2/15/2019 10:10:10 AM

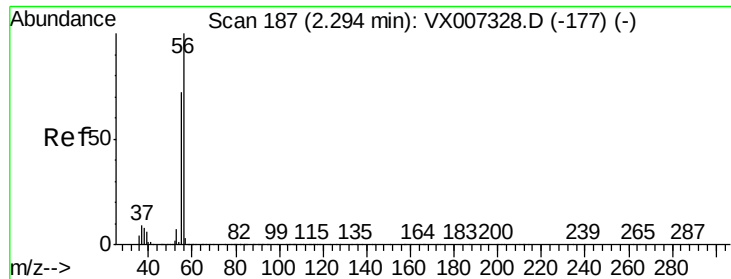


#12

1,1-Dichloroethene
 Concen: 18.088 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX007540.D
 Acq: 14 Feb 2019 12:48

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.9	123.0	184.4
98	63.5	50.9	76.3





#13

Acrolein

Concen: 79.102 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

VX0215WBS01

Tot Ion: 56 Resp: 38025

Ion Ratio Lower Upper

56 100

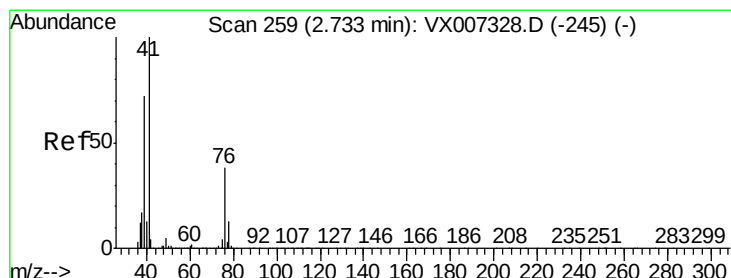
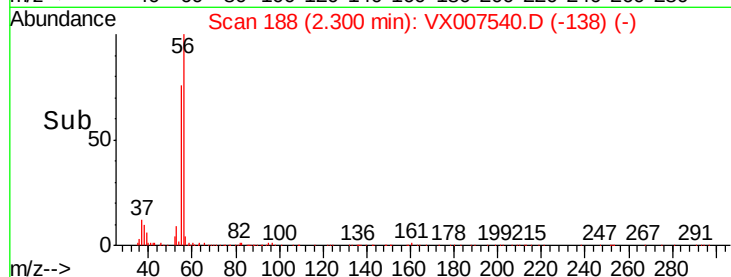
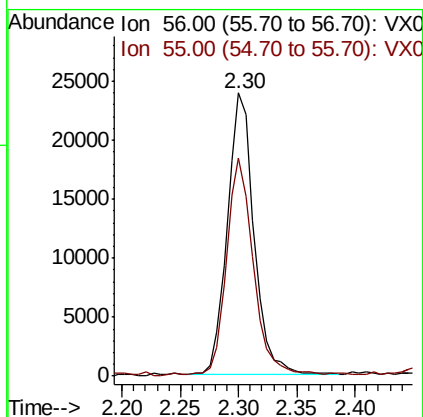
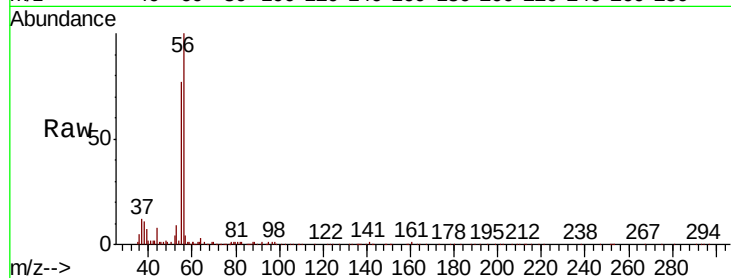
55 76.9 56.9 85.3

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#14

Allyl chloride

Concen: 19.221 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

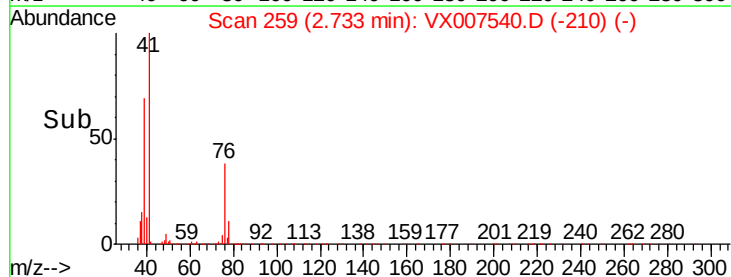
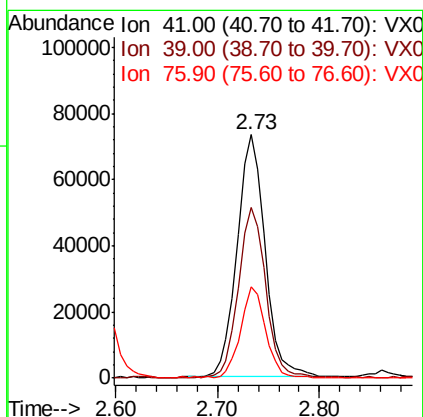
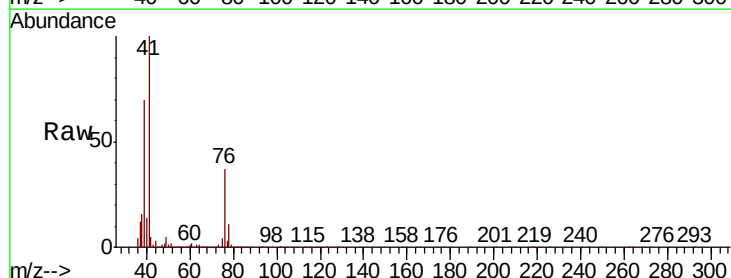
Tgt Ion: 41 Resp: 139550

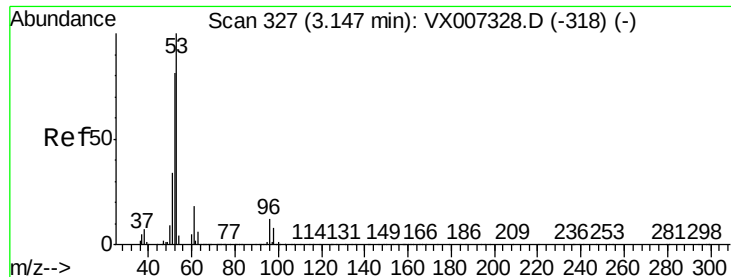
Ion Ratio Lower Upper

41 100

39 68.3 54.1 81.1

76 34.0 27.8 41.8





#15

Acrylonitrile

Concen: 101.444 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Instrument :

MSVOA_X

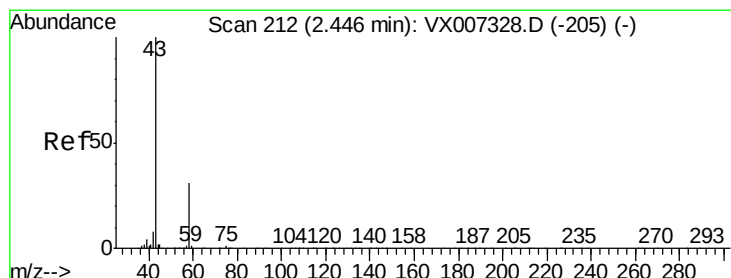
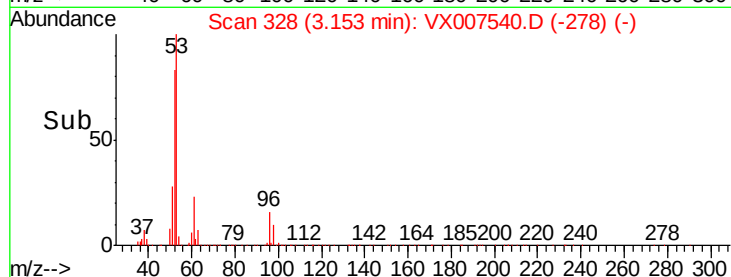
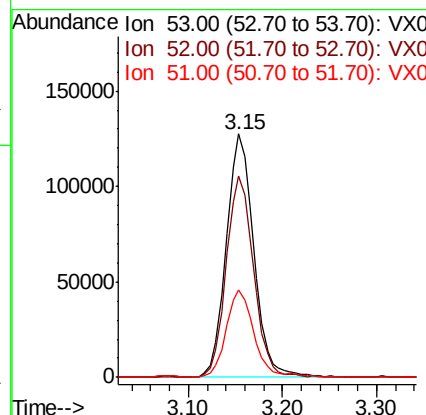
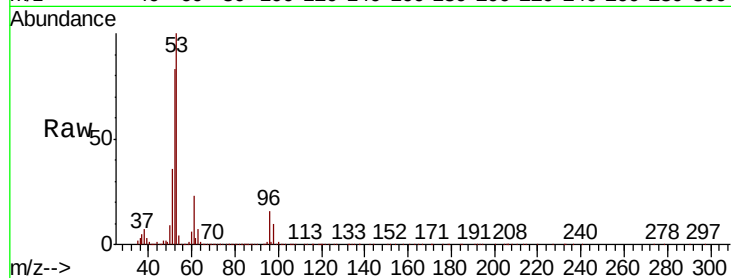
ClientSampleId :

VX0215WBS01

Tot Ion:	53	Resp:	257257
Ion Ratio		Lower	Upper
53	100		
52	82.5	66.4	99.6
51	36.1	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 109.429 ug/l

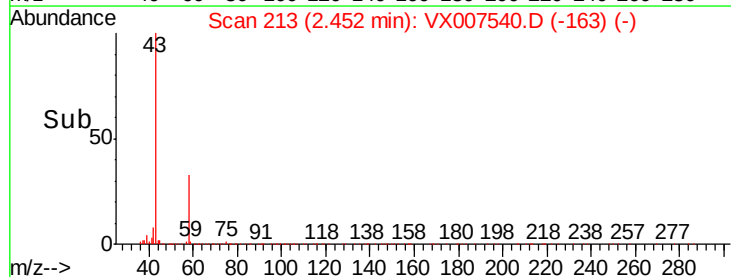
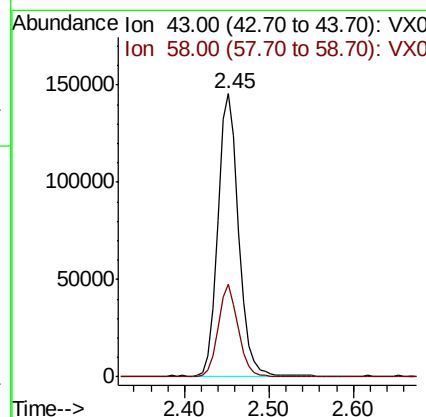
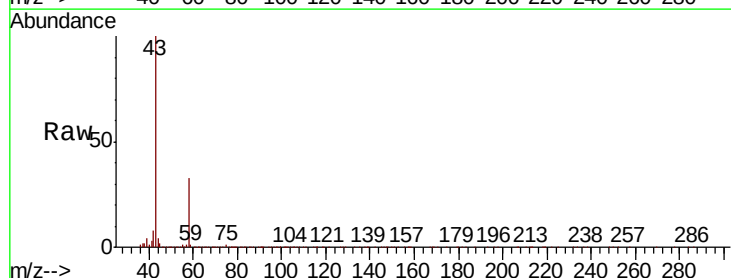
RT: 2.45 min Scan# 213

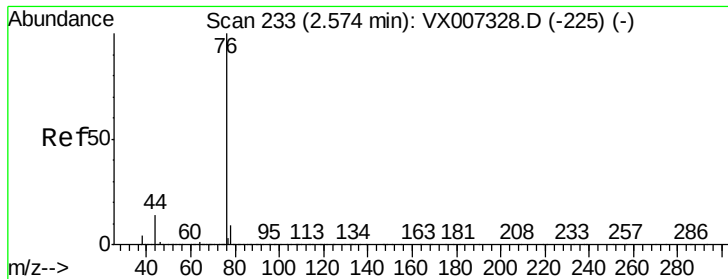
Delta R.T. 0.01 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Tgt Ion:	43	Resp:	248300
Ion Ratio		Lower	Upper
43	100		
58	32.9	24.9	37.3





#17

Carbon Disulfide

Concen: 17.482 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007540.D

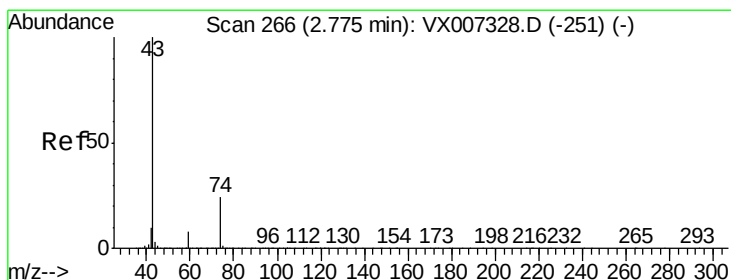
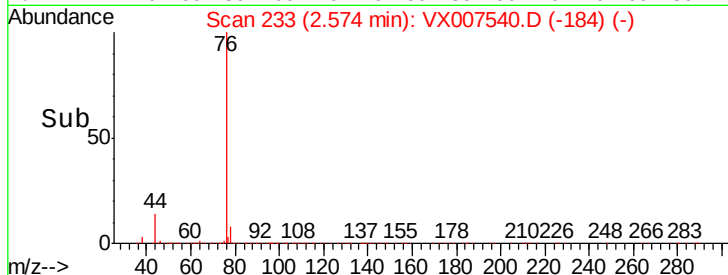
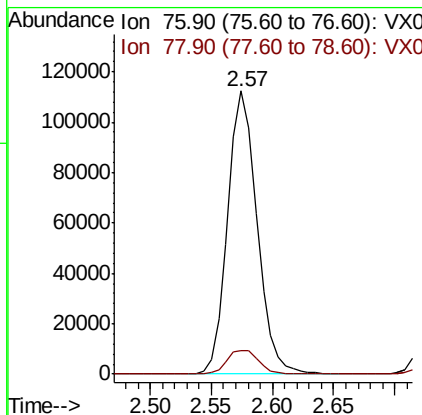
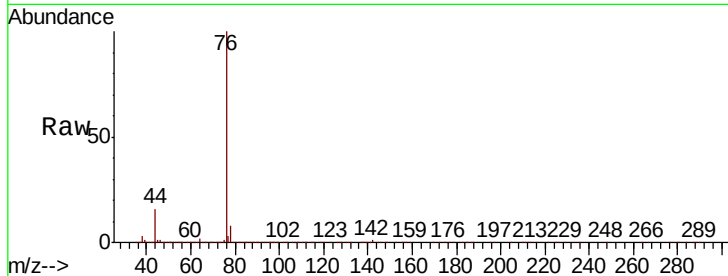
Acq: 14 Feb 2019 12:48

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.3	7.1	10.7

Instrument :
MSVOA_X
ClientSampleId :
VX0215WBS01

Manual Integrations
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#18

Methyl Acetate

Concen: 24.008 ug/l

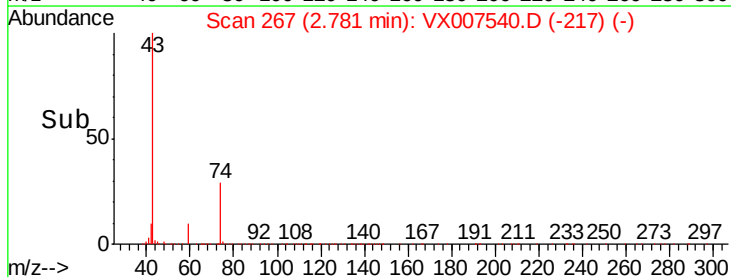
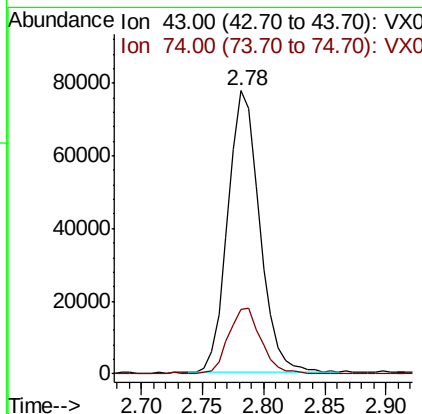
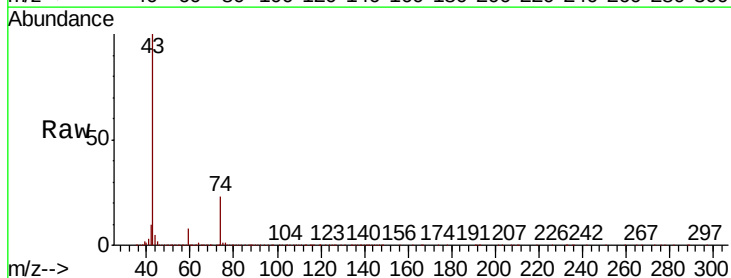
RT: 2.78 min Scan# 267

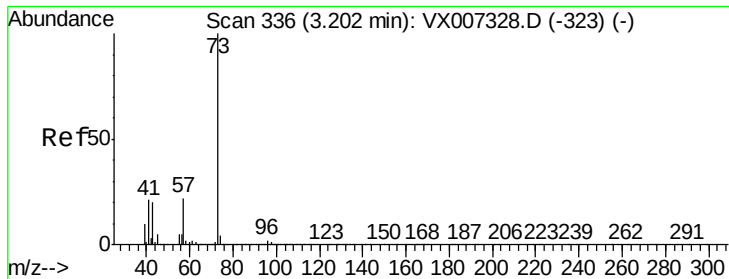
Delta R.T. 0.01 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.5	19.4	29.2





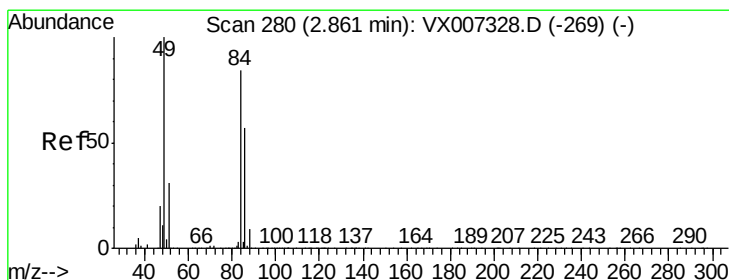
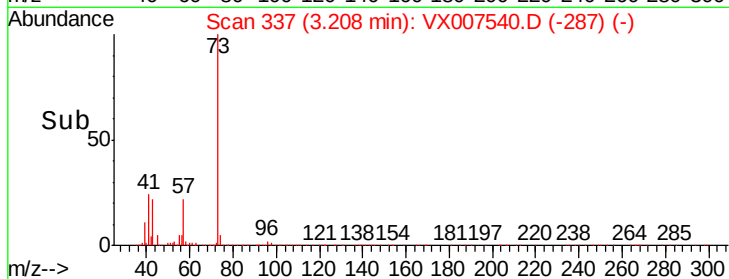
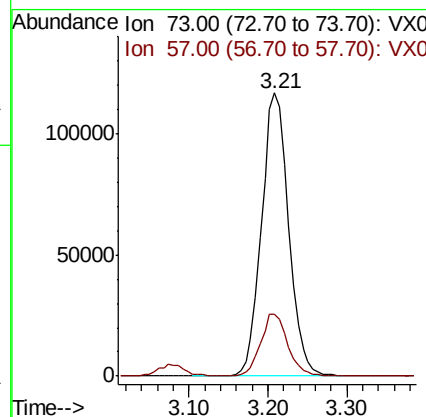
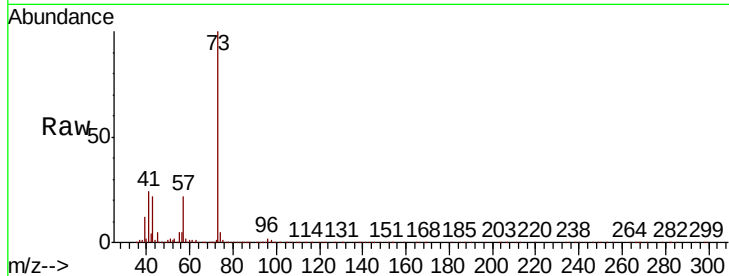
#19
Methyl tert-butyl Ether
Concen: 19.331 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0215WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.8	26.8

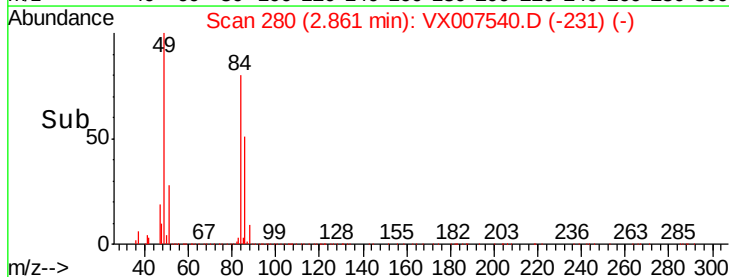
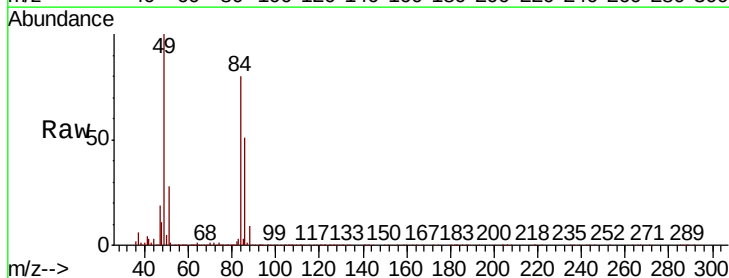
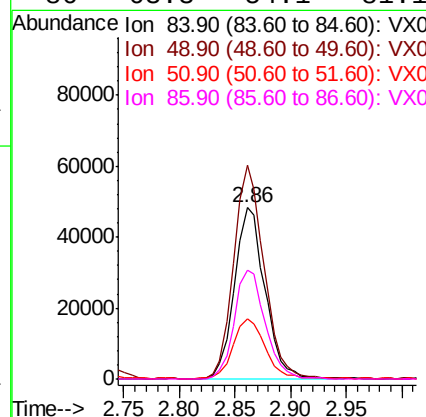
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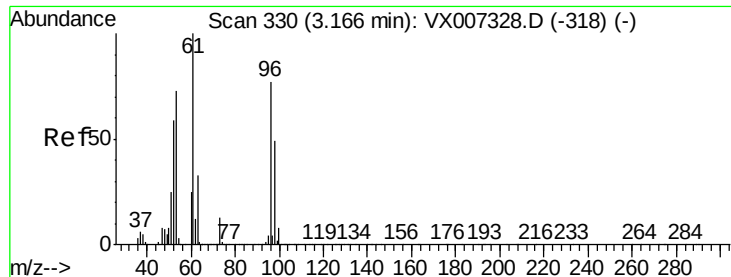
MMDadoda
2/15/2019 10:10:10 AM



#20
Methylene Chloride
Concen: 19.658 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.3	94.8	142.2
51	34.8	29.8	44.8
86	63.3	54.1	81.1





#21

trans-1,2-Dichloroethene

Concen: 17.794 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Instrument :

MSVOA_X

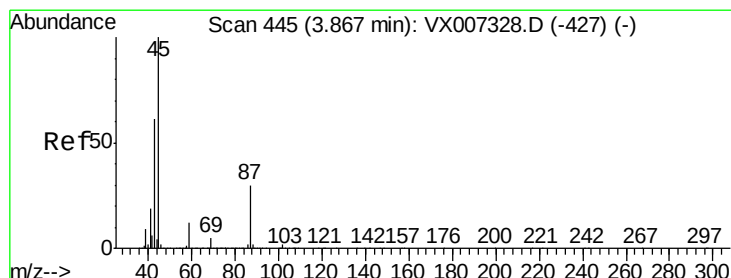
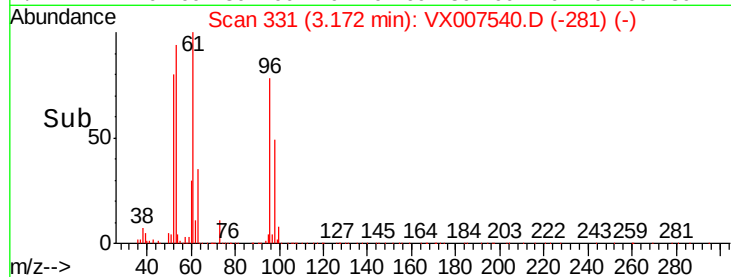
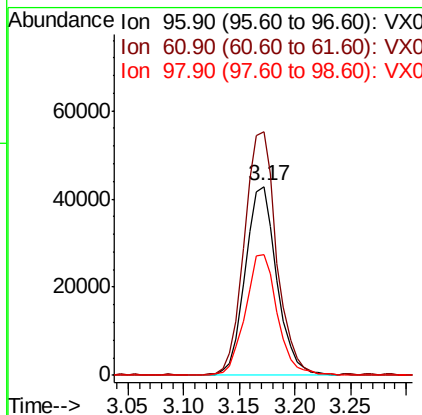
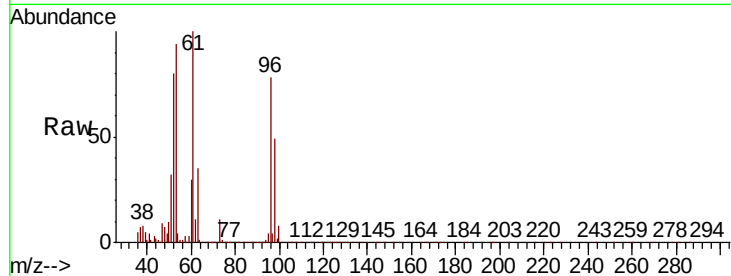
ClientSampleId :

VX0215WBS01

Tot Ion:	96	Resp:	84463
Ion Ratio	Lower	Upper	
96	100		
61	128.6	104.6	156.8
98	63.5	51.0	76.4

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#22

Diisopropyl ether

Concen: 20.018 ug/l

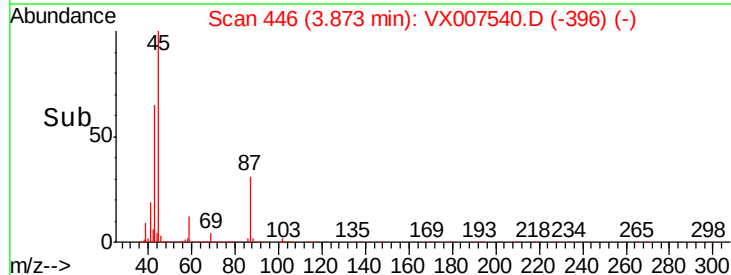
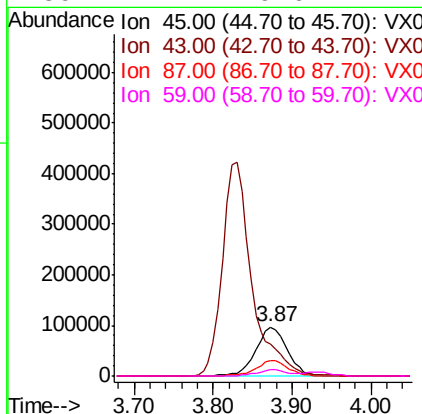
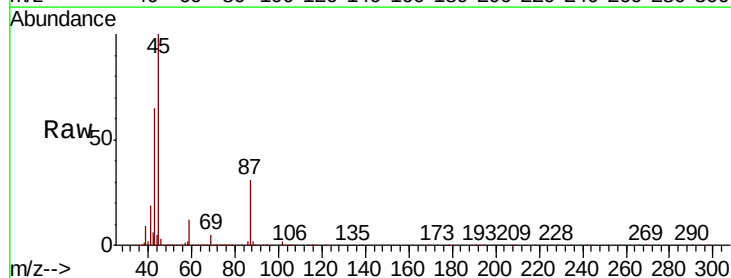
RT: 3.87 min Scan# 446

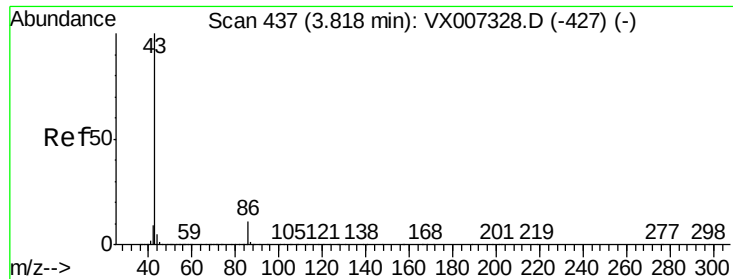
Delta R.T. 0.01 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Tgt Ion:	45	Resp:	267338
Ion Ratio	Lower	Upper	
45	100		
43	64.6	48.9	73.3
87	30.7	23.9	35.9
59	12.2	9.6	14.4





#23

Vinyl Acetate

Concen: 99.853 ug/l

RT: 3.83 min Scan# 439

Delta R.T. 0.01 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Tot Ion: 43 Resp: 1106585

Ion Ratio Lower Upper

43 100

86 11.2 8.7 13.1

Instrument :

MSVOA_X

ClientSampleId :

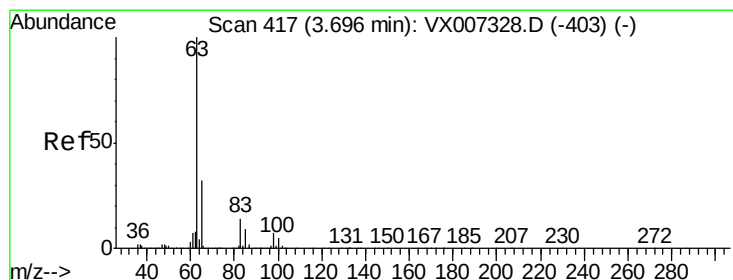
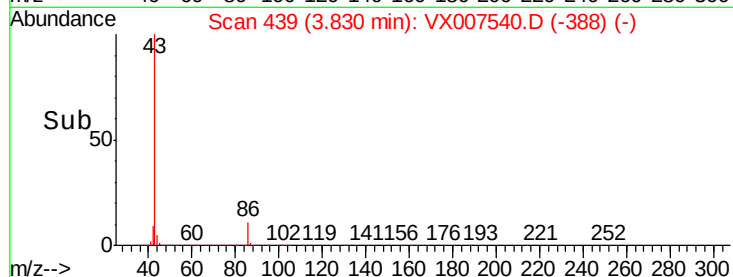
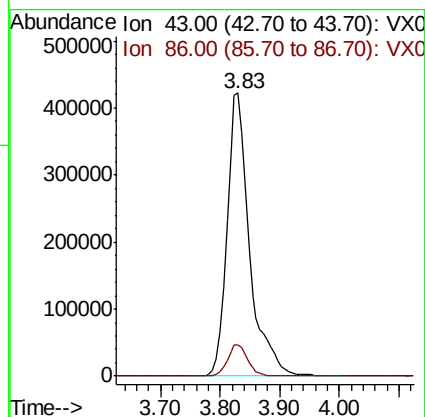
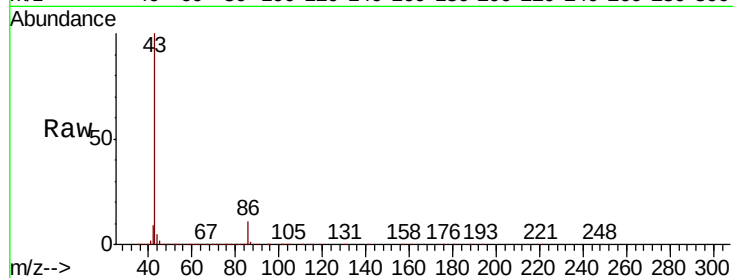
VX0215WBS01

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#24

1,1-Dichloroethane

Concen: 19.670 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

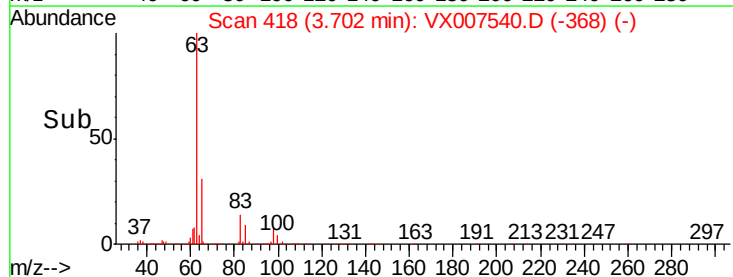
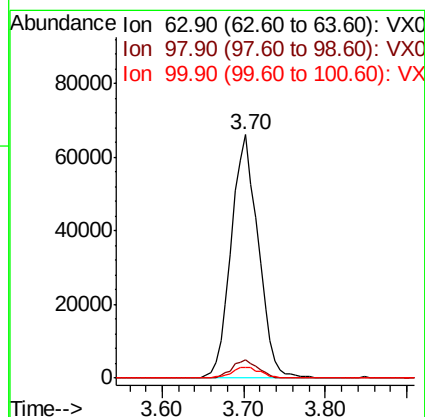
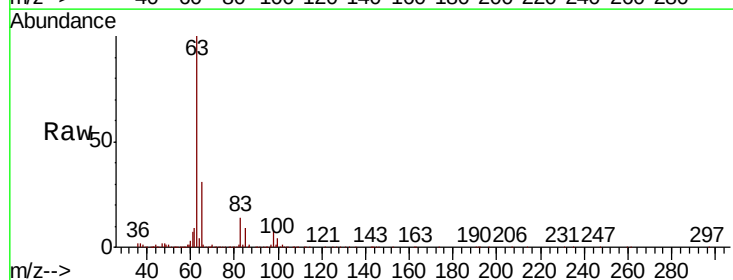
Tgt Ion: 63 Resp: 150856

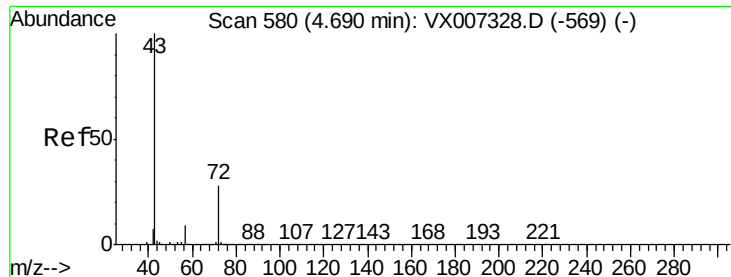
Ion Ratio Lower Upper

63 100

98 7.7 3.6 10.8

100 4.3 2.5 7.4





#25

2-Butanone

Concen: 106.277 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

VX0215WBS01

Tot Ion: 43 Resp: 343182

Ion Ratio Lower Upper

43 100

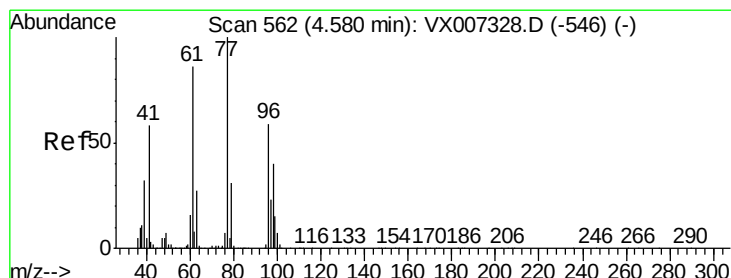
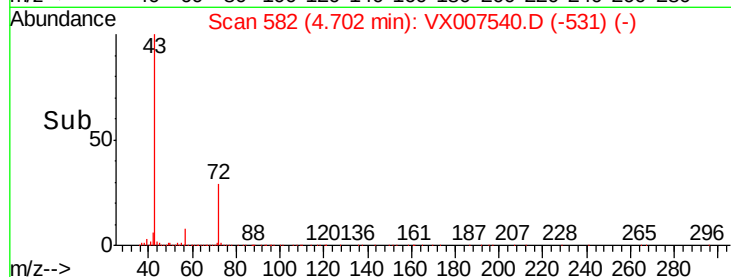
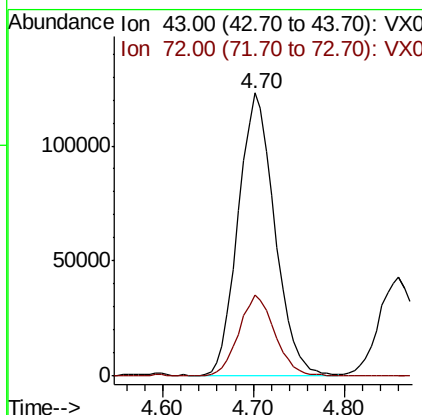
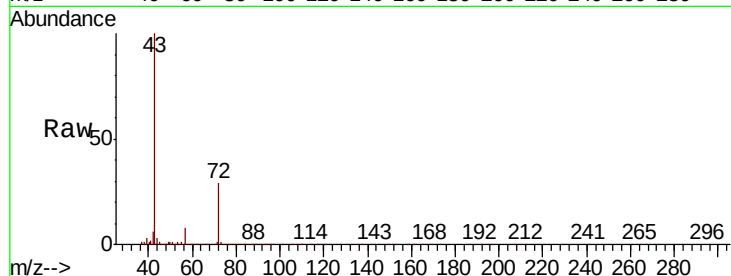
72 28.6 22.2 33.2

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#26

2,2-Dichloropropane

Concen: 19.397 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX007540.D

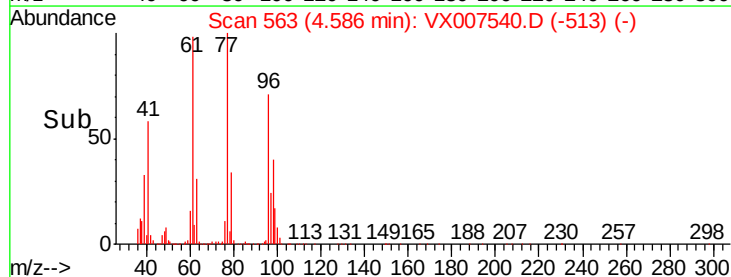
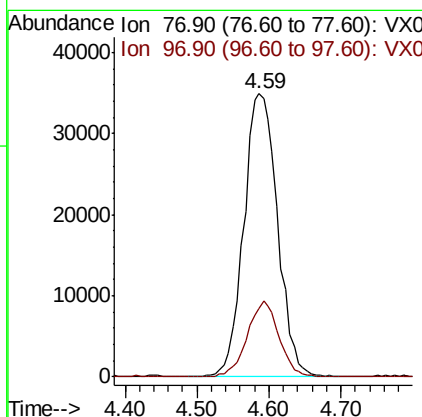
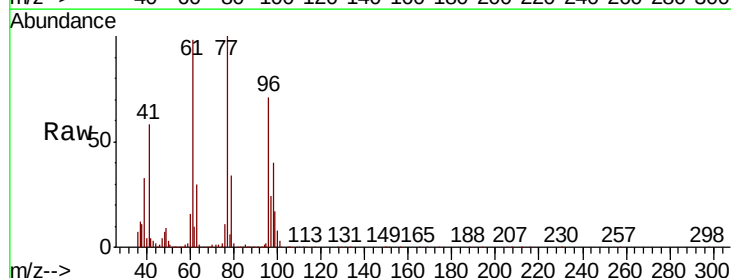
Acq: 14 Feb 2019 12:48

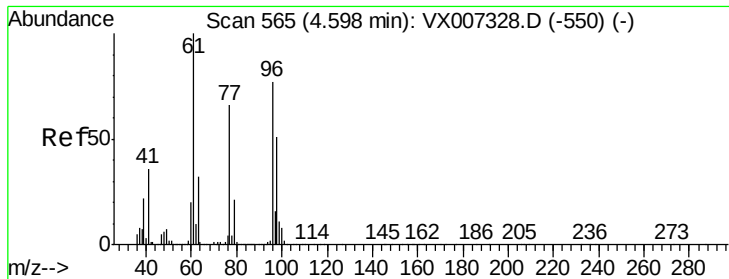
Tgt Ion: 77 Resp: 113289

Ion Ratio Lower Upper

77 100

97 25.3 12.1 36.3





#27

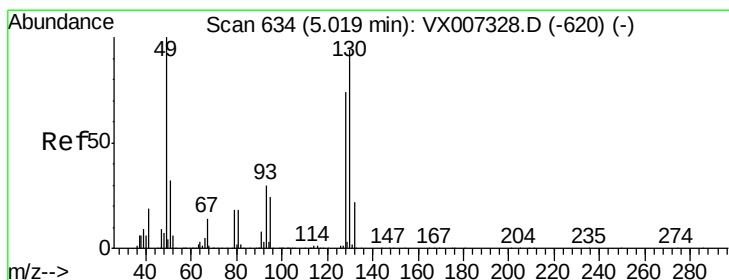
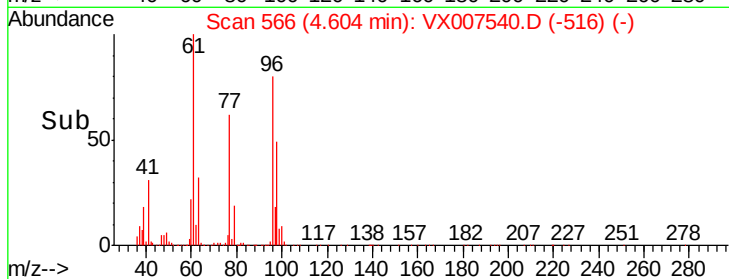
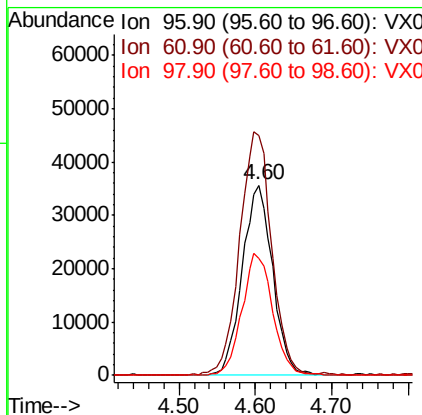
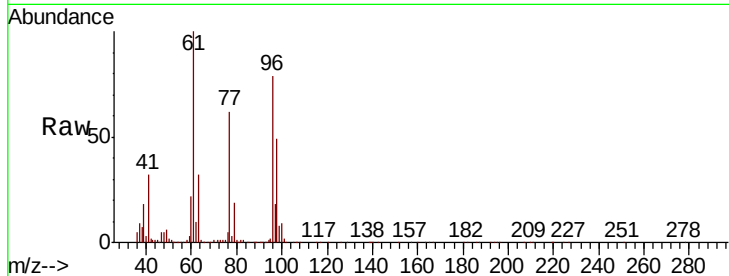
cis-1,2-Dichloroethene
 Concen: 19.030 ug/l
 RT: 4.60 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VX007540.D
 Acq: 14 Feb 2019 12:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0215WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	133.5	0.0	265.6	
98	65.0	0.0	131.6	

Manual Integrations
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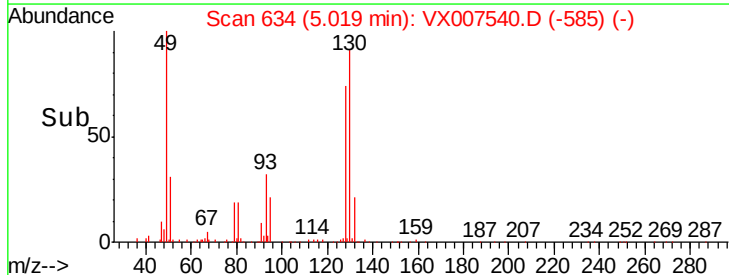
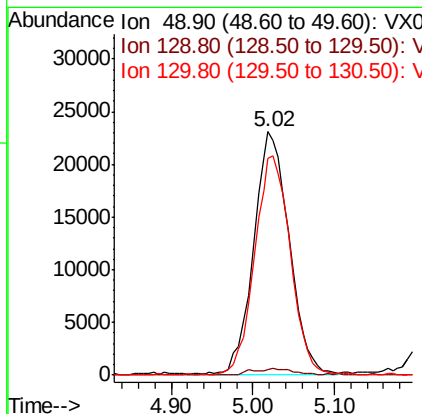
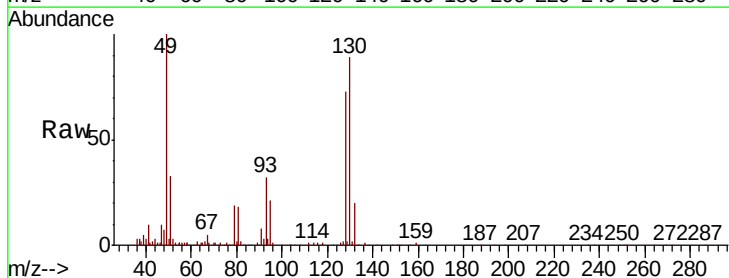
MMDadoda
 2/15/2019 10:10:10 AM

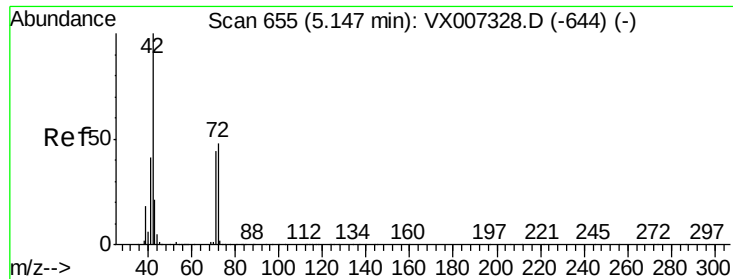


#28

Bromochloromethane
 Concen: 19.770 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX007540.D
 Acq: 14 Feb 2019 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	3.1	0.0	5.6	
130	90.9	75.6	113.4	





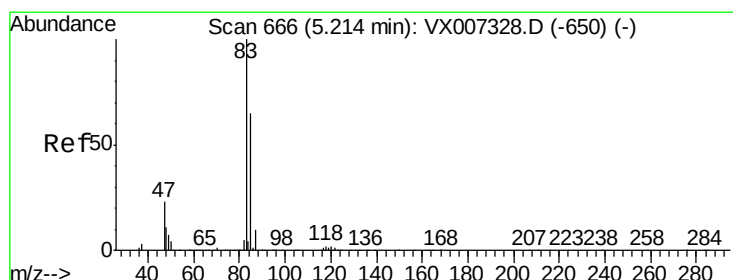
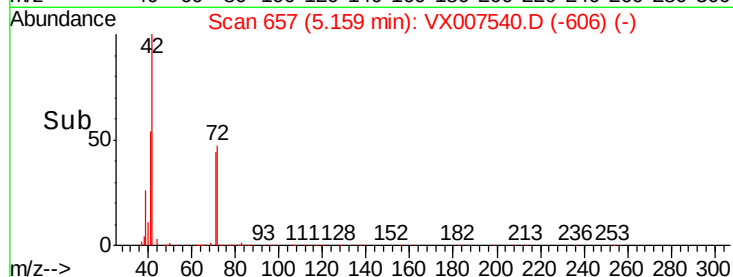
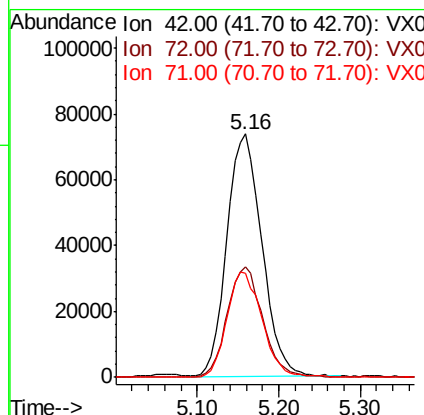
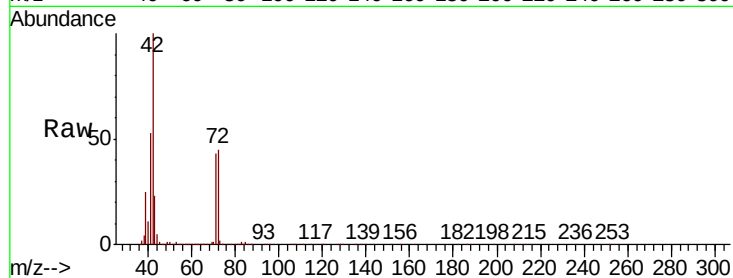
#29
Tetrahydrofuran
Concen: 107.635 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0215WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.4	37.6	56.4
71	43.4	34.6	51.8

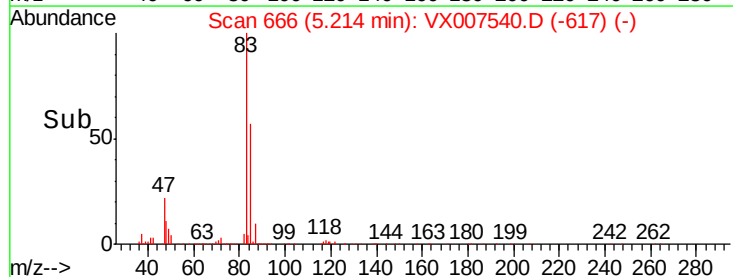
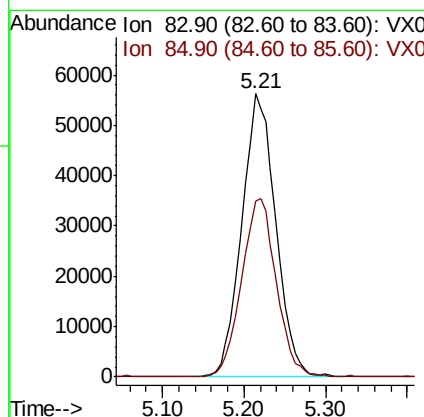
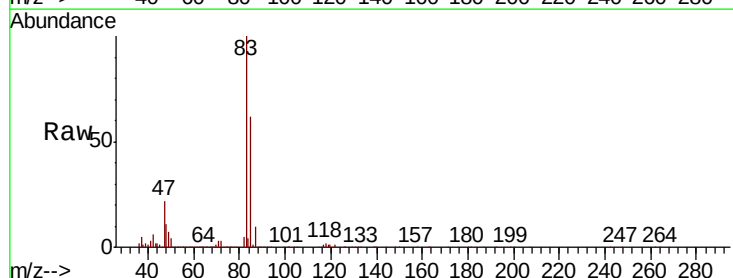
Manual Integrations
APPROVED

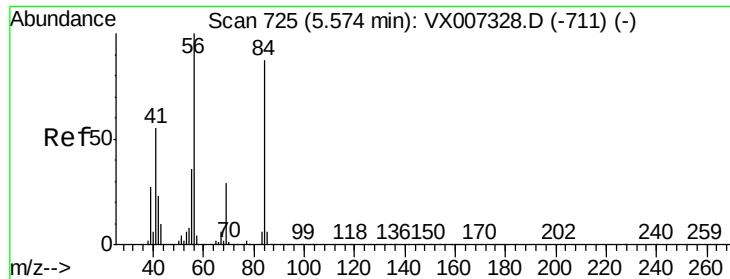
MMDadoda
2/15/2019 10:10:10 AM



#30
Chloroform
Concen: 20.371 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.0	51.6	77.4





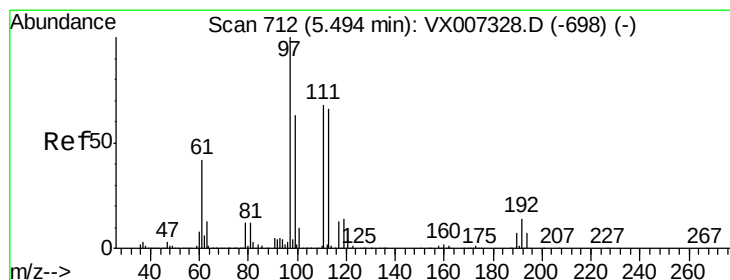
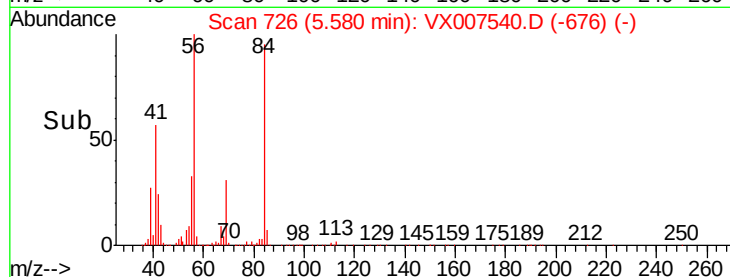
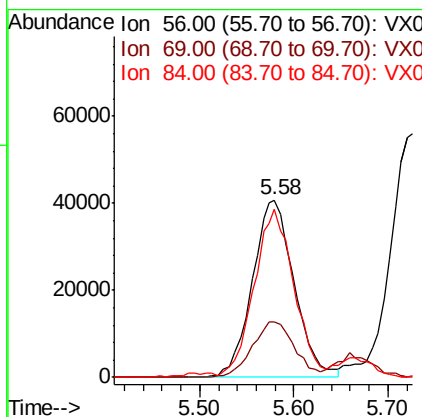
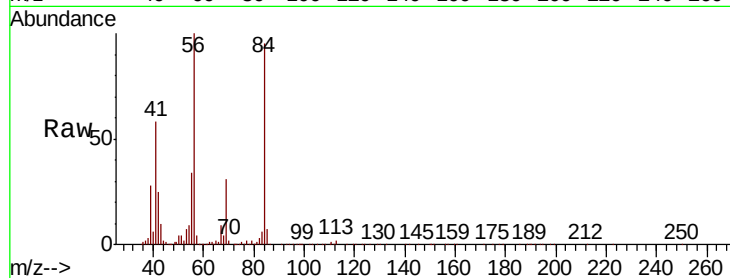
#31
Cyclohexane
Concen: 18.217 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0215WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.2	23.0	34.6
84	93.2	69.8	104.6

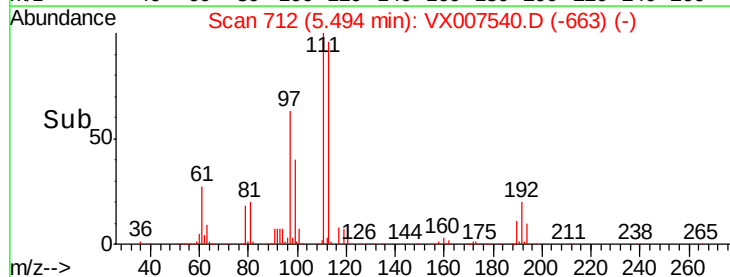
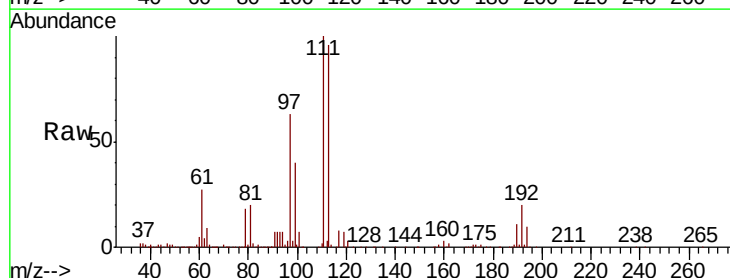
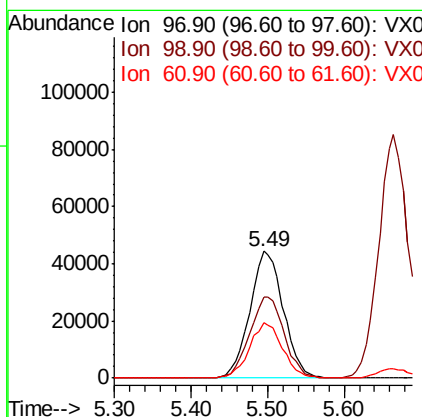
Manual Integrations
APPROVED

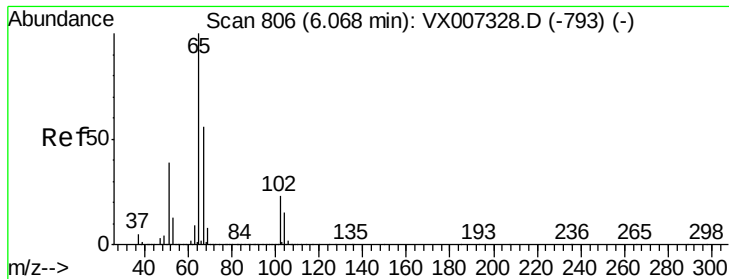
MMDadoda
2/15/2019 10:10:10 AM



#32
1,1,1-Trichloroethane
Concen: 20.027 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.2	52.2	78.2
61	43.5	32.7	49.1





#33

1,2-Dichloroethane-d4

Concen: 50.574 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

VX0215WBS01

Tot Ion: 65 Resp: 250517

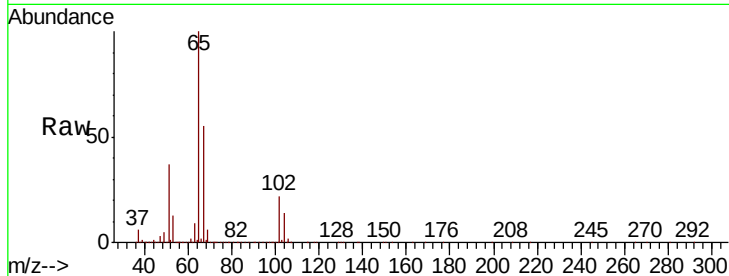
Ion Ratio Lower Upper

65 100

67 52.5 0.0 108.8

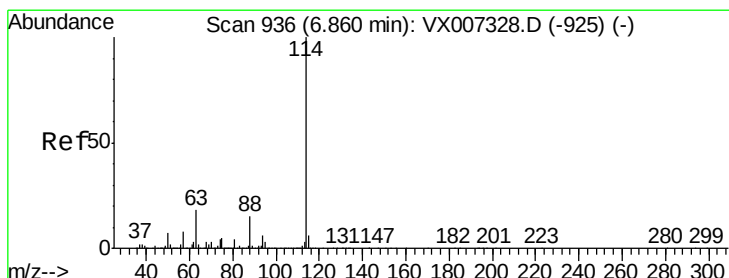
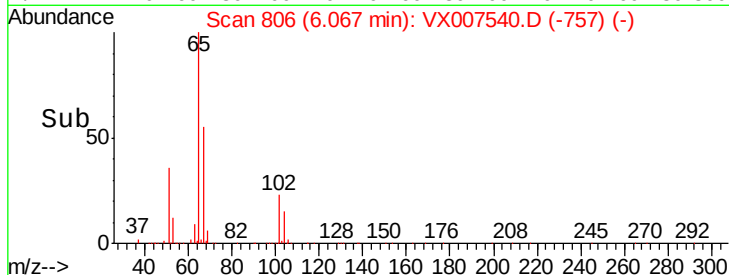
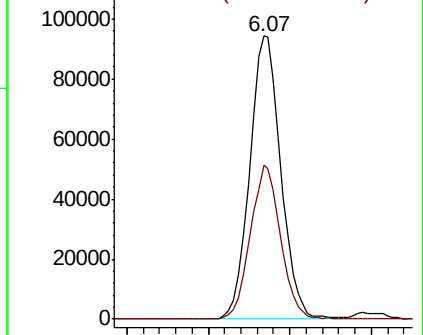
Manual Integrations
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2/15/2019 10:10:10 AM



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

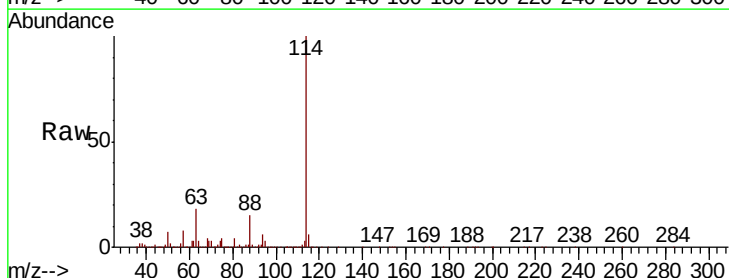
Tgt Ion: 114 Resp: 693461

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.6

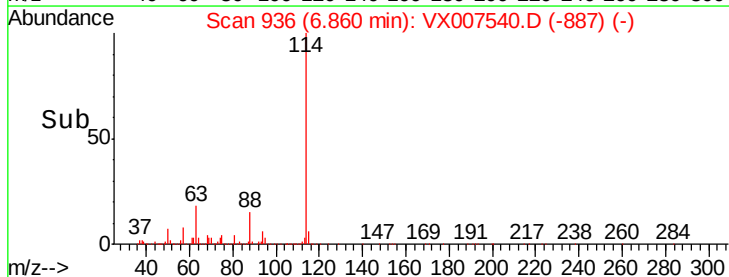
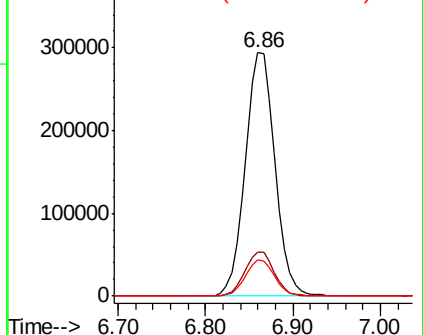
88 14.7 0.0 29.6

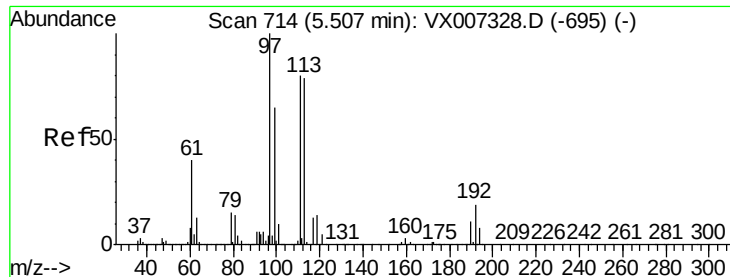


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.822 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Instrument :

MSVOA_X

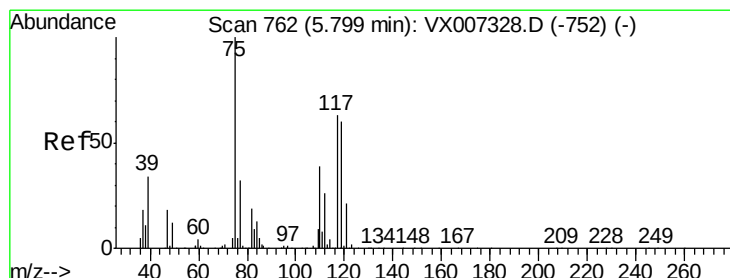
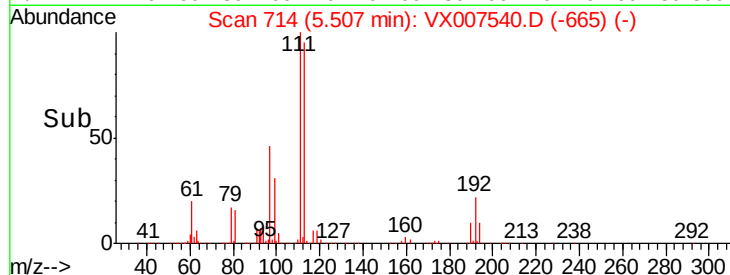
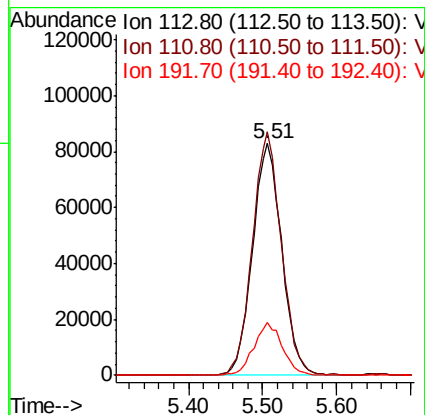
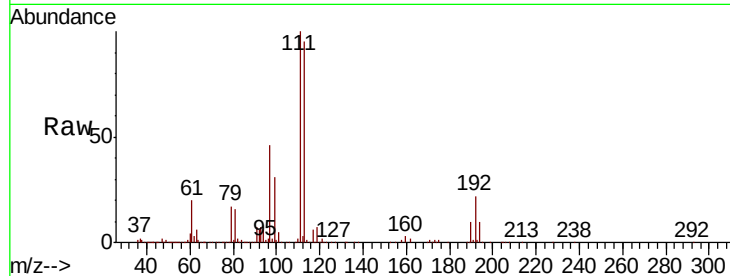
ClientSampleId :

VX0215WBS01

Tot Ion:	113	Resp:	229313
Ion Ratio	Lower	Upper	
113	100		
111	103.3	81.8	122.8
192	22.2	18.5	27.7

Manual Integrations
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2/15/2019 10:10:10 AM



#36

1,1-Dichloropropene

Concen: 18.314 ug/l

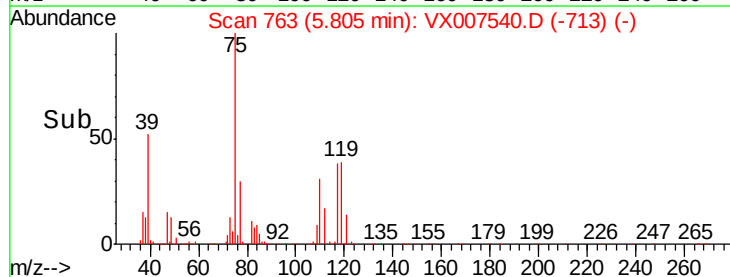
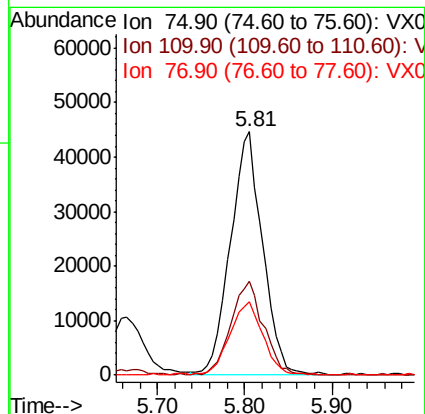
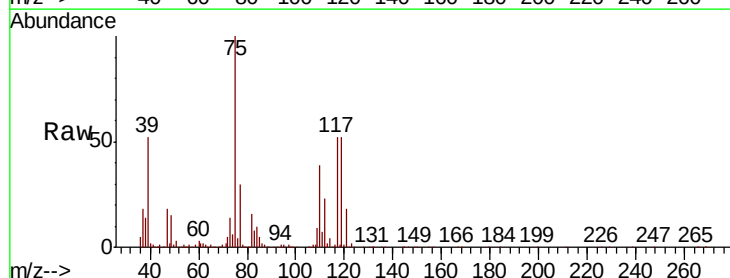
RT: 5.81 min Scan# 763

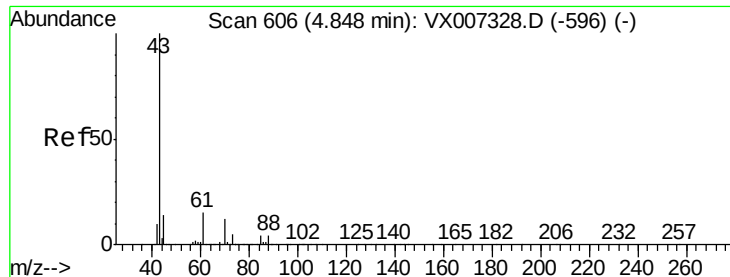
Delta R.T. 0.01 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Tgt Ion:	75	Resp:	113947
Ion Ratio	Lower	Upper	
75	100		
110	39.1	20.0	59.9
77	30.6	24.7	37.1





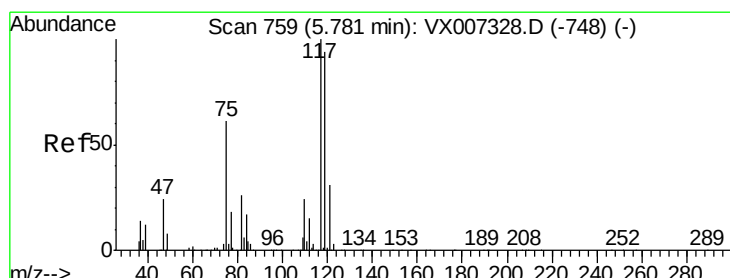
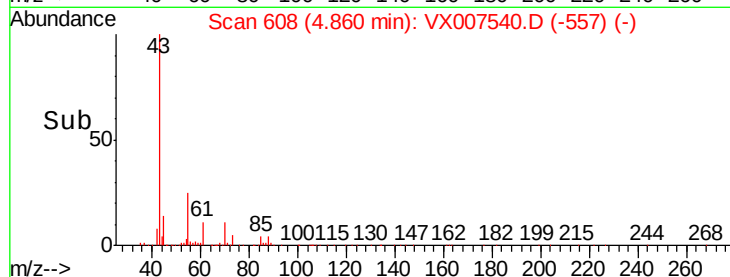
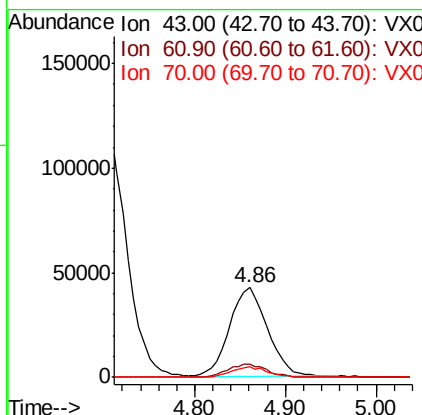
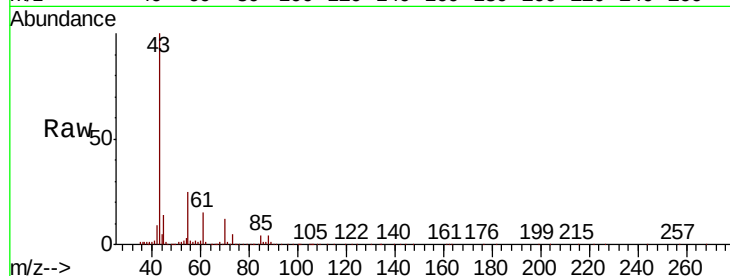
#37
Ethyl Acetate
Concen: 19.682 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0215WBS01

Tot Ion	43	Resp	123791
Ion Ratio	Lower	Upper	
43	100		
61	15.2	11.3	16.9
70	11.5	8.6	13.0

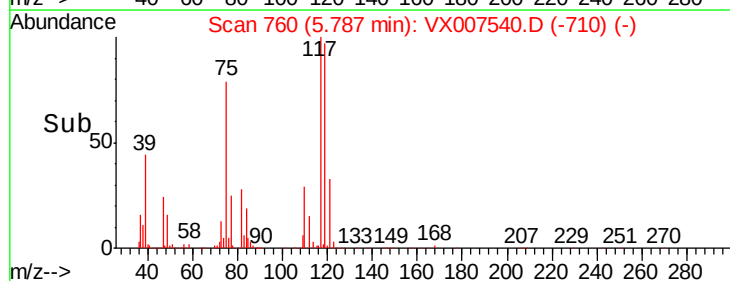
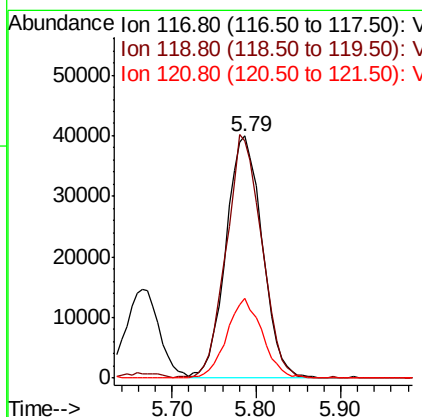
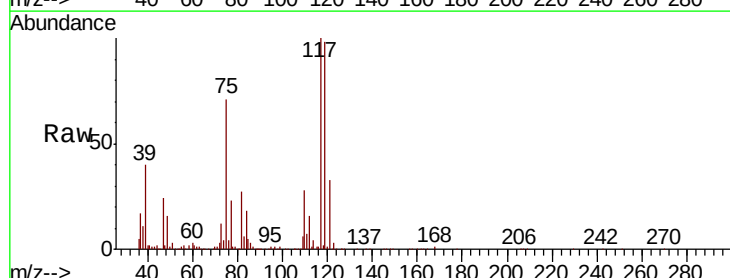
Manual Integrations
APPROVED

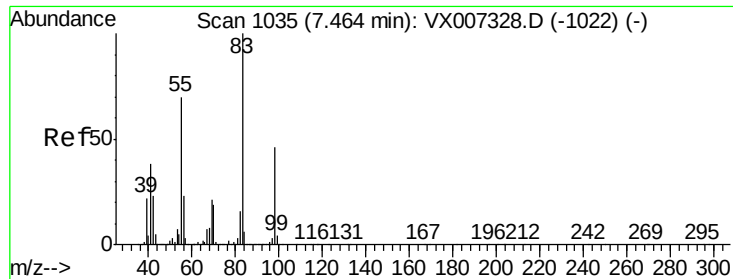
MMDadoda
2/15/2019 10:10:10 AM



#38
Carbon Tetrachloride
Concen: 19.364 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

Tgt Ion	117	Resp	116890
Ion Ratio	Lower	Upper	
117	100		
119	97.5	75.3	112.9
121	32.8	25.0	37.4





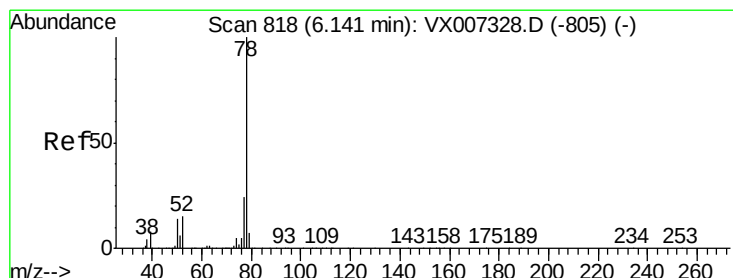
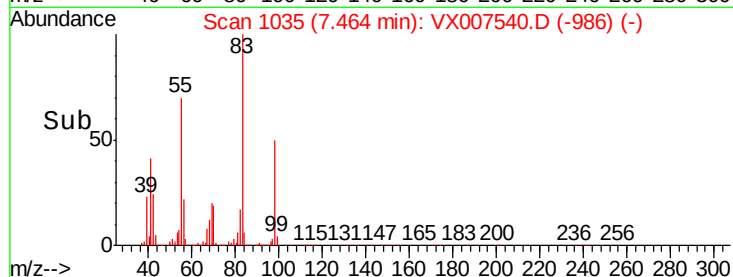
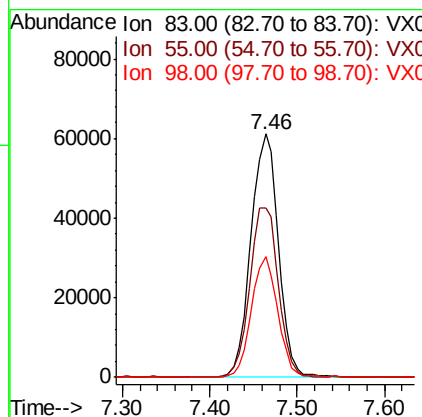
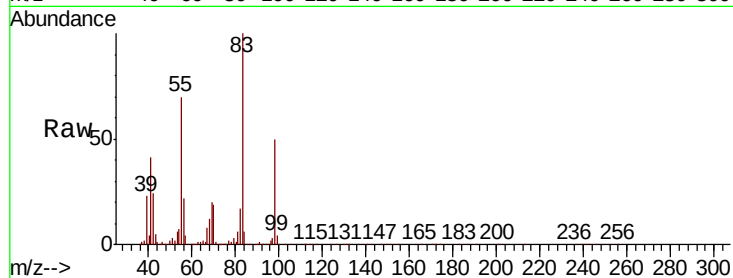
#39
Methylvlcyclohexane
Concen: 17.713 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0215WBS01

Tot Ion	83	Resp	133342
Ion Ratio	Lower	Upper	
83	100		
55	69.4	56.2	84.2
98	49.8	36.8	55.2

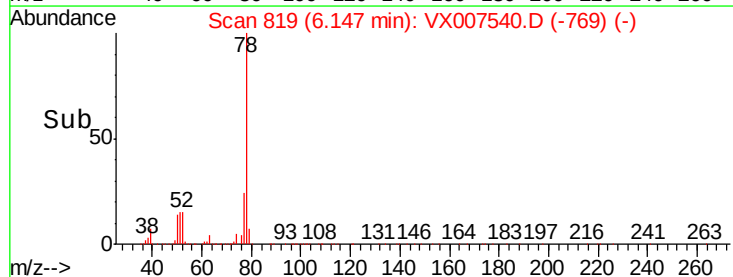
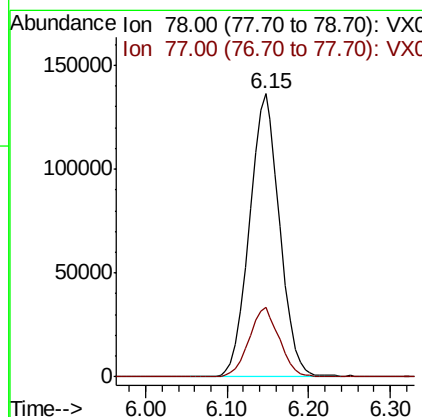
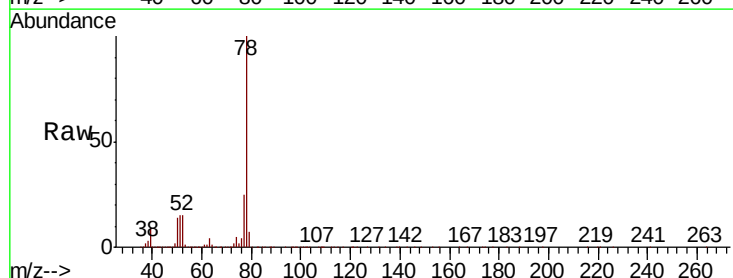
Manual Integrations
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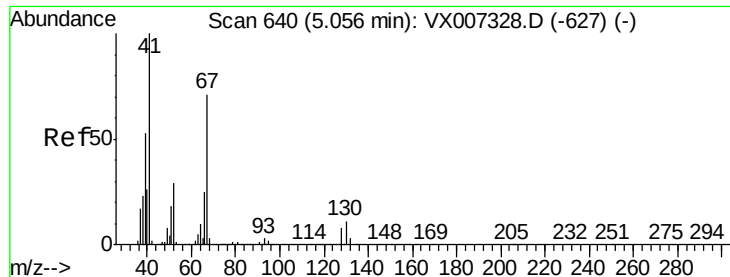
MMDadoda
2/15/2019 10:10:10 AM



#40
Benzene
Concen: 19.142 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

Tgt Ion	78	Resp	350841
Ion Ratio	Lower	Upper	
78	100		
77	24.5	19.3	28.9





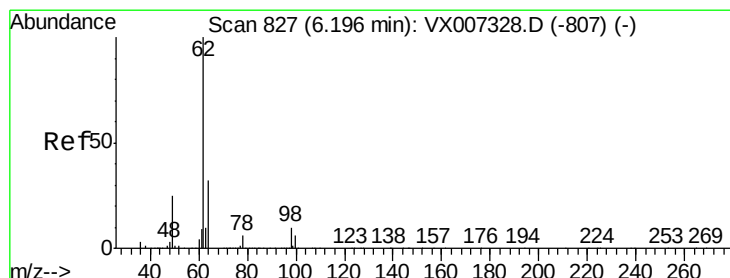
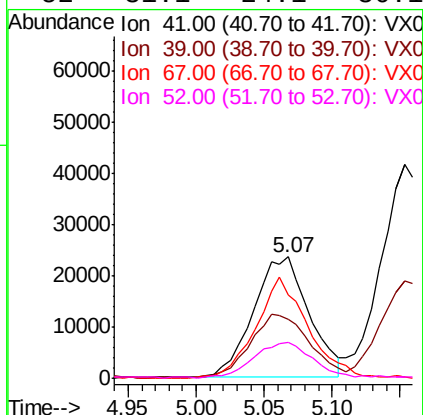
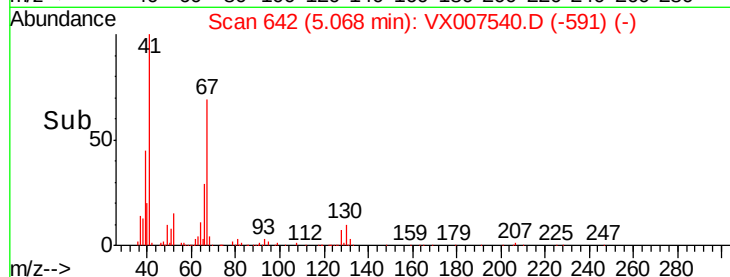
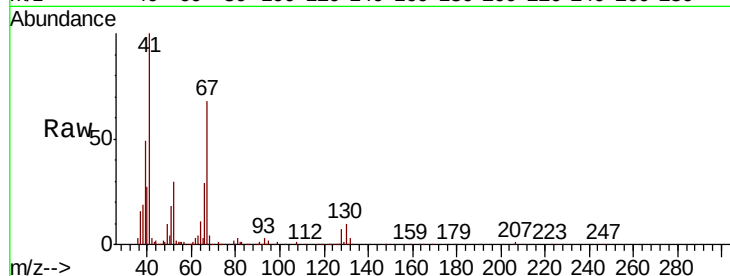
#41
Methacrylonitrile
Concen: 19.986 ug/l
RT: 5.07 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0215WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.3	44.5	66.7	
67	78.7	60.4	90.6	
52	31.1	24.1	36.1	

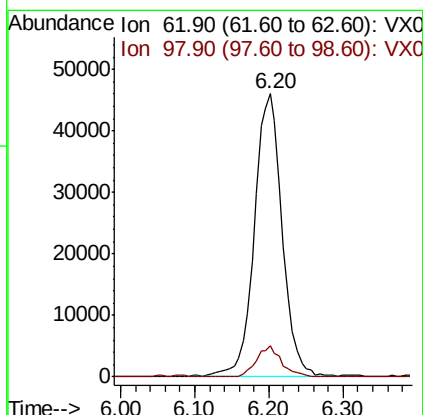
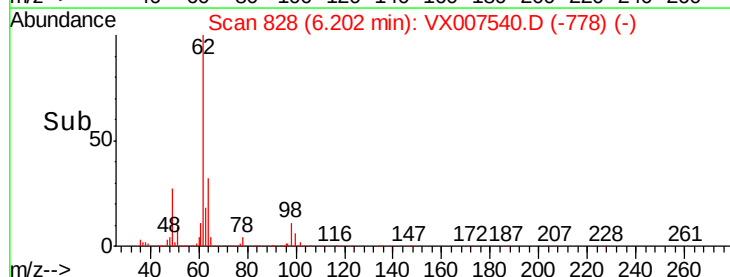
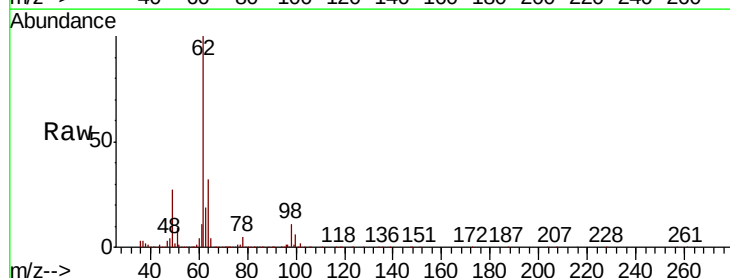
Manual Integrations
APPROVED

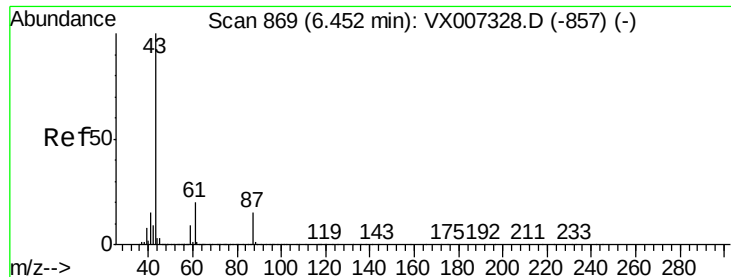
MMDadoda
2/15/2019 10:10:10 AM



#42
1,2-Dichloroethane
Concen: 18.833 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.0	0.0	19.0	





#43

Isopropyl Acetate

Concen: 19.877 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Instrument :

MSVOA_X

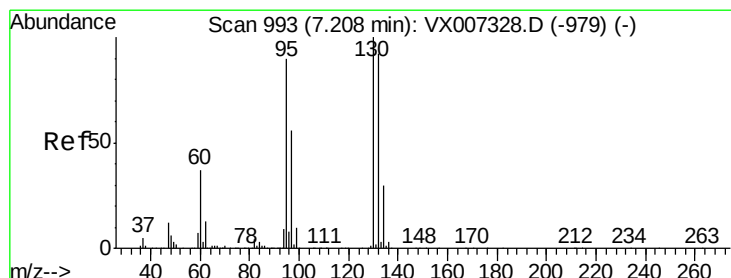
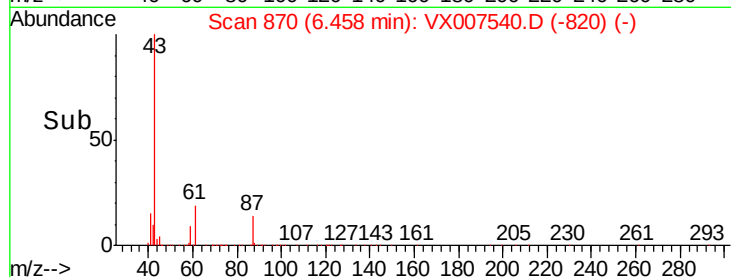
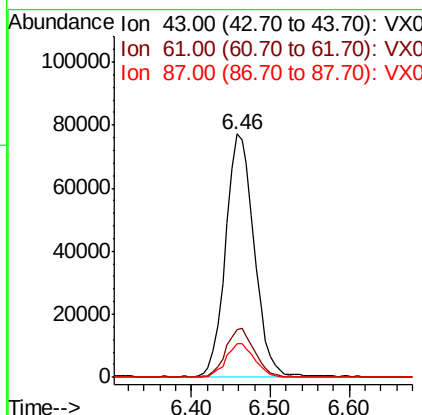
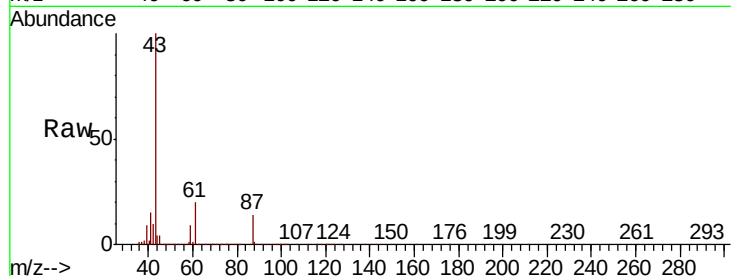
ClientSampleId :

VX0215WBS01

Tot Ion:	43	Resp:	192967
Ion Ratio	Lower	Upper	
43	100		
61	20.3	16.1	24.1
87	14.1	11.5	17.3

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2/15/2019 10:10:10 AM



#44

Trichloroethene

Concen: 18.571 ug/l

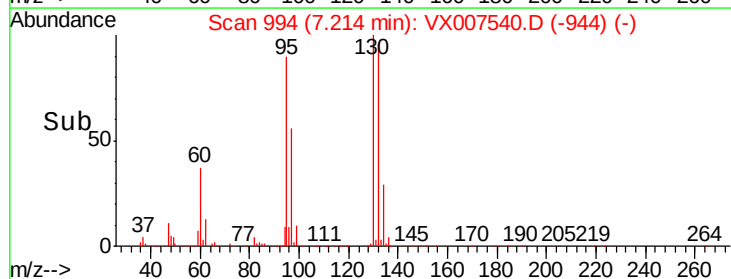
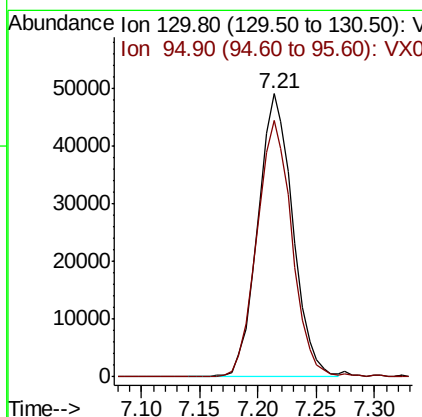
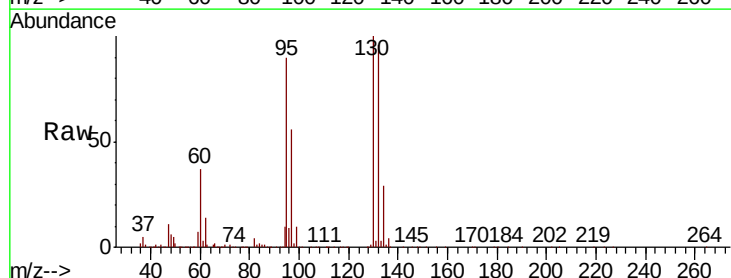
RT: 7.21 min Scan# 994

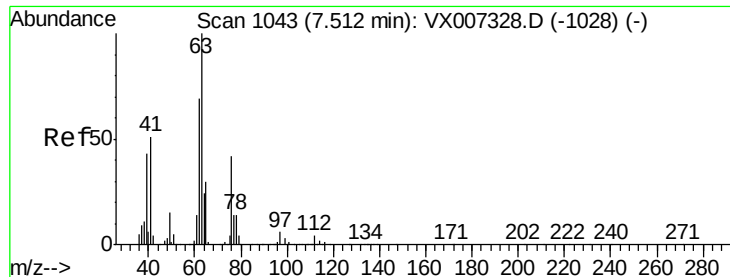
Delta R.T. 0.01 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Tgt Ion:	130	Resp:	102514
Ion Ratio	Lower	Upper	
130	100		
95	90.3	0.0	180.0





#45

1,2-Dichloropropane

Concen: 19.191 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

VX0215WBS01

Tot Ion: 63 Resp: 88127

Ion Ratio Lower Upper

63 100

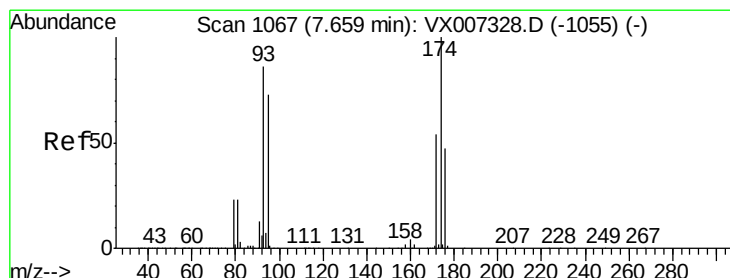
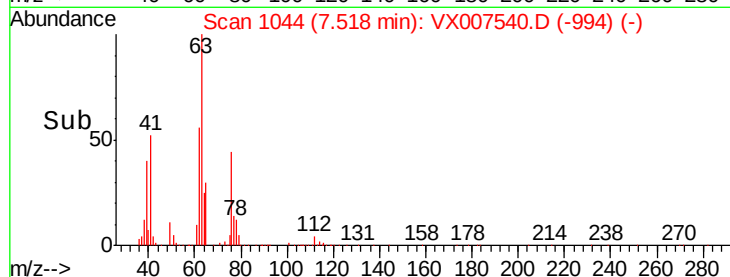
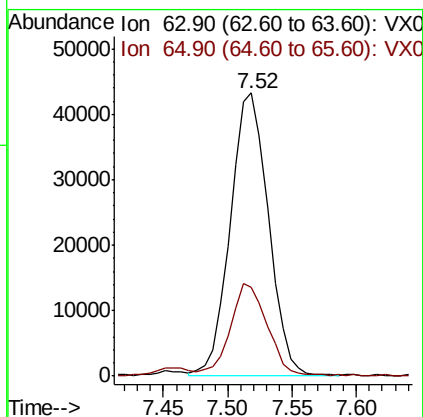
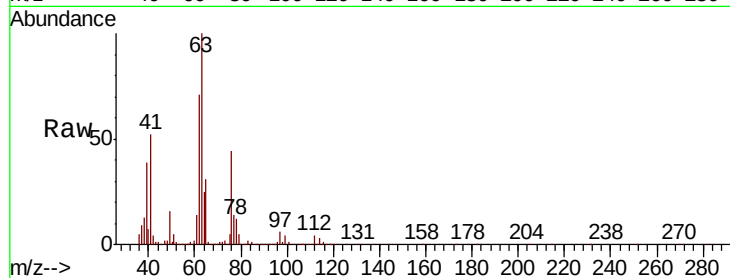
65 31.1 24.2 36.2

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2/15/2019 10:10:10 AM



#46

Dibromomethane

Concen: 19.147 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

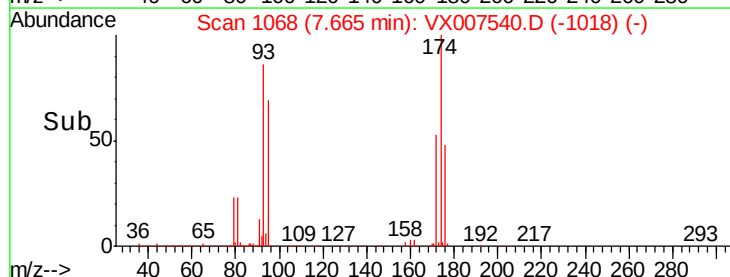
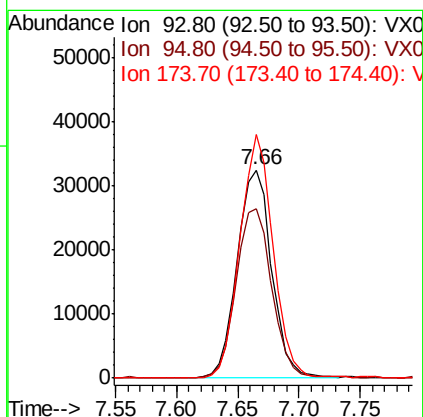
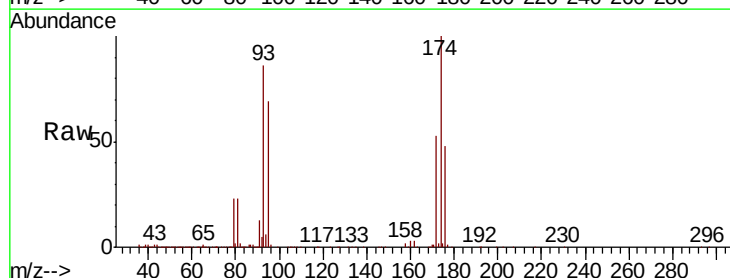
Tgt Ion: 93 Resp: 63906

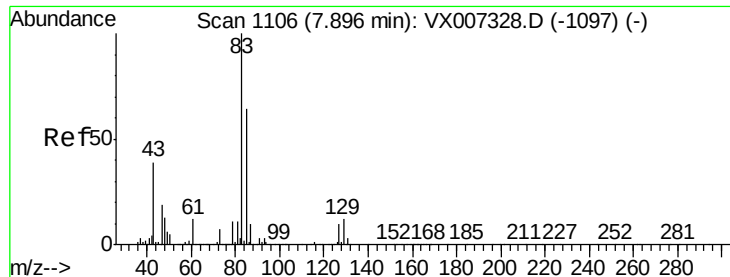
Ion Ratio Lower Upper

93 100

95 84.4 67.6 101.4

174 112.0 94.2 141.4





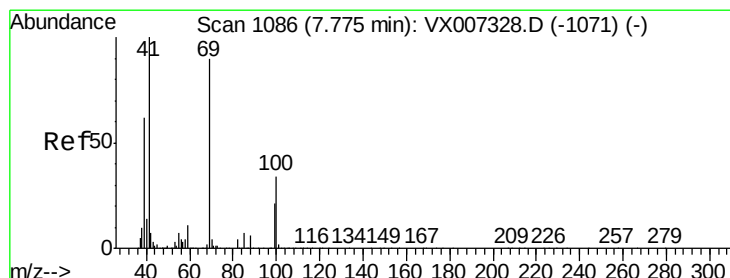
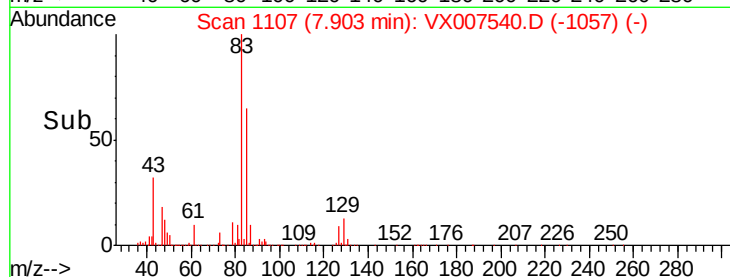
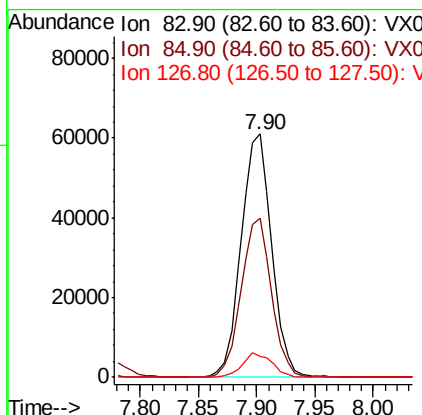
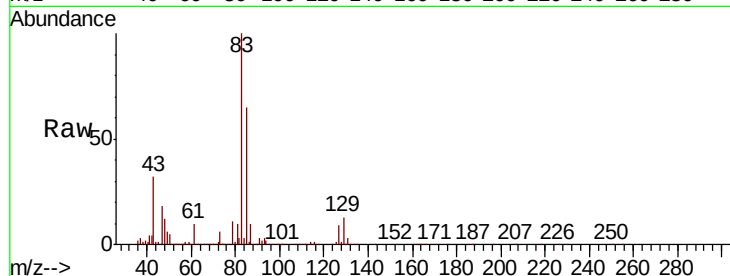
#47
Bromodichloromethane
Concen: 19.817 ug/l
RT: 7.90 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0215WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	112094		
85	65.2		51.4	77.0
127	8.8		8.1	12.1

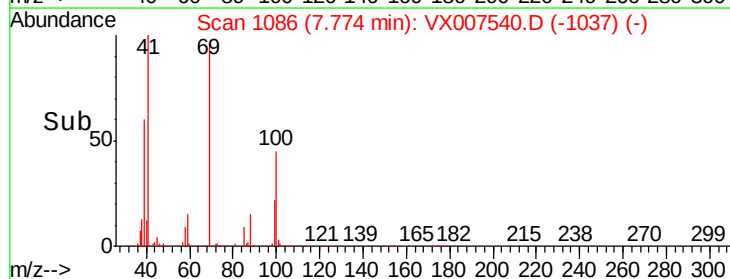
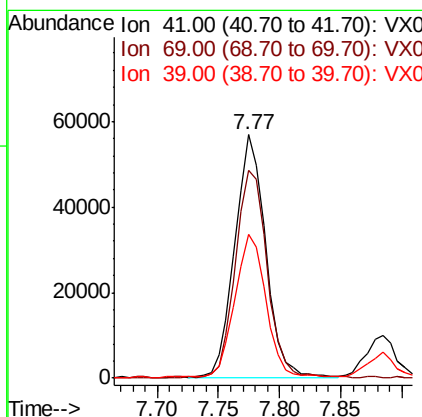
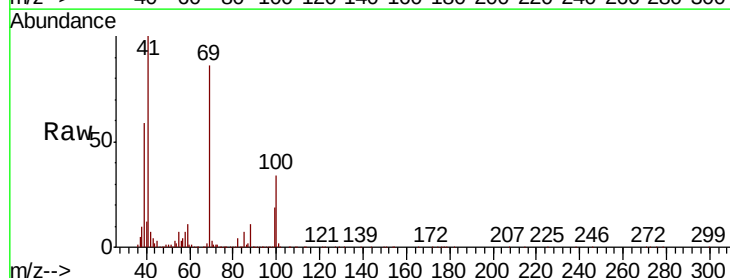
Manual Integrations
APPROVED

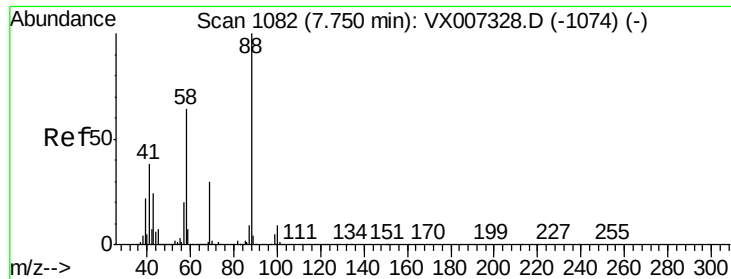
MMDadoda
2/15/2019 10:10:10 AM



#48
Methyl methacrylate
Concen: 20.383 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	98979		
69	89.0		70.2	105.4
39	58.7		47.4	71.0





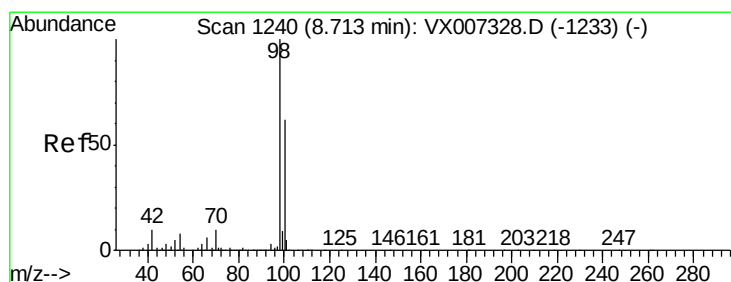
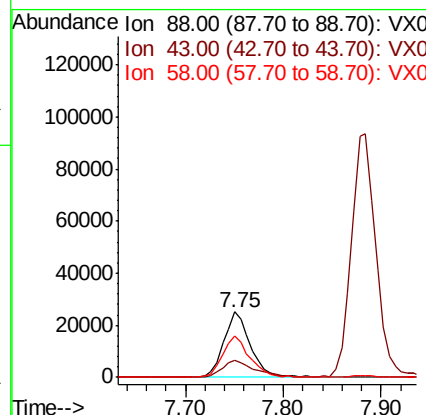
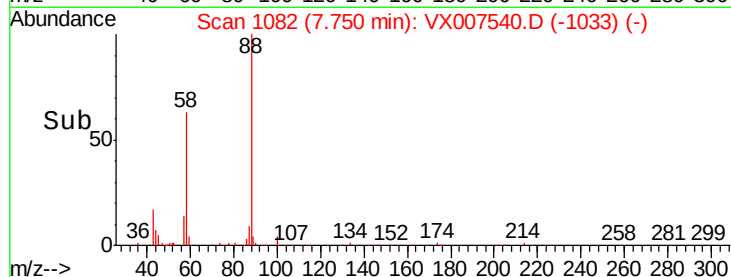
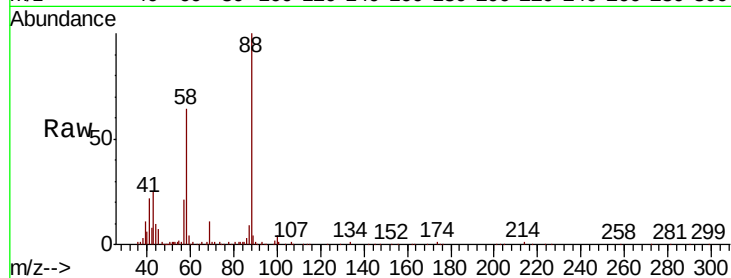
#49
1,4-Dioxane
Concen: 430.973 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0215WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.6	24.2	36.4
58	65.0	53.0	79.4

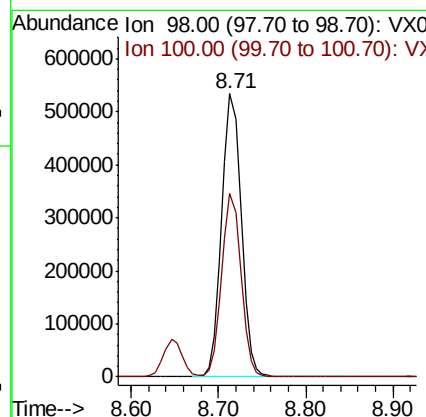
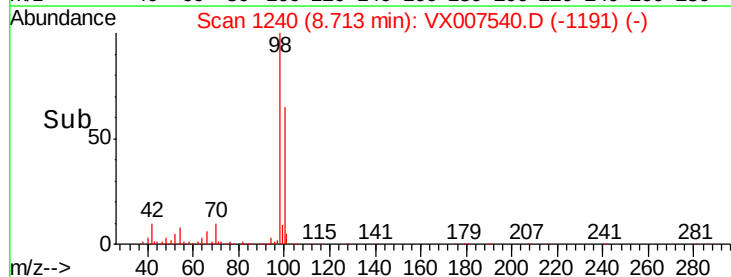
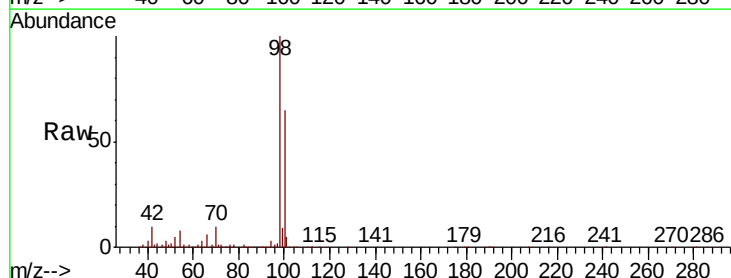
Manual Integrations
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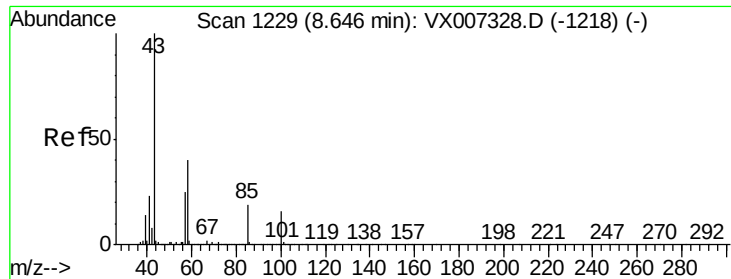
MMDadoda
2/15/2019 10:10:10 AM



#50
Toluene-d8
Concen: 49.701 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.6	77.4





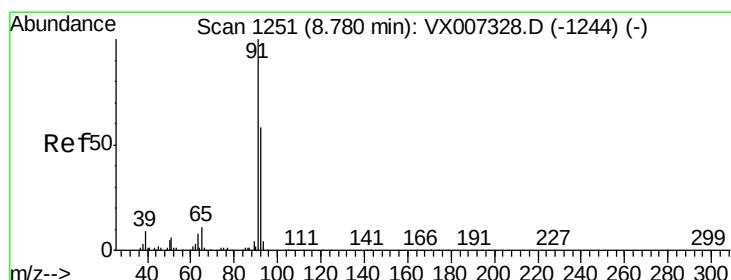
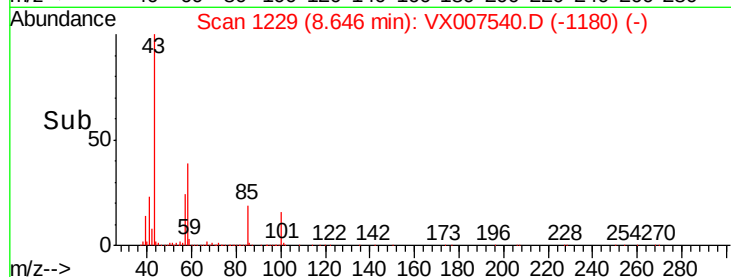
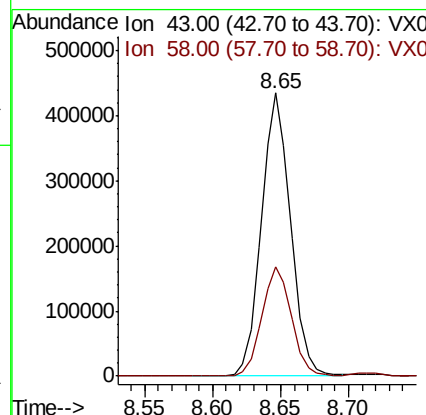
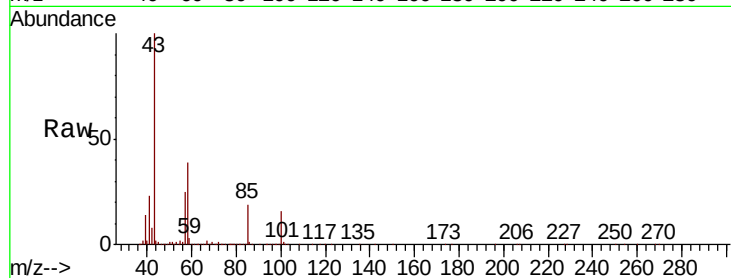
#51
4-Methyl-2-Pentanone
Concen: 102.223 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0215WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.0	31.2	46.8

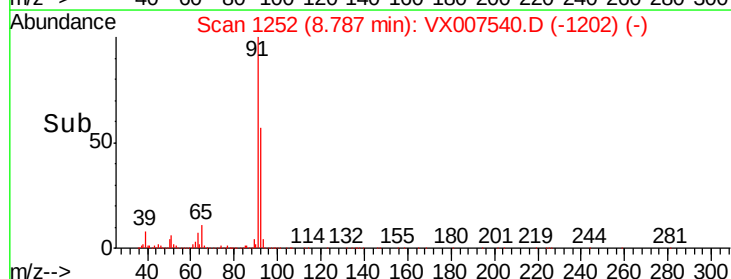
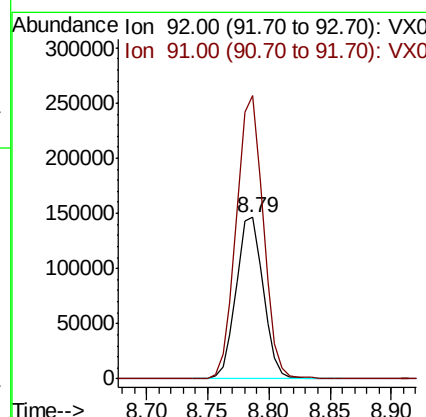
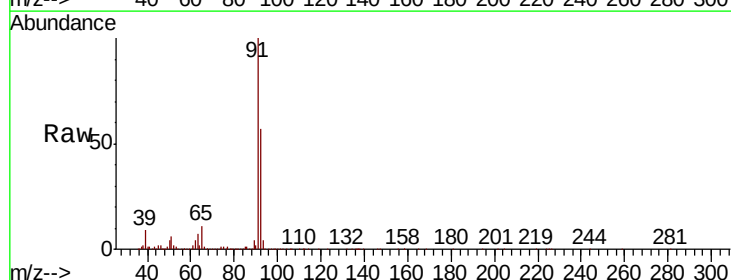
Manual Integrations
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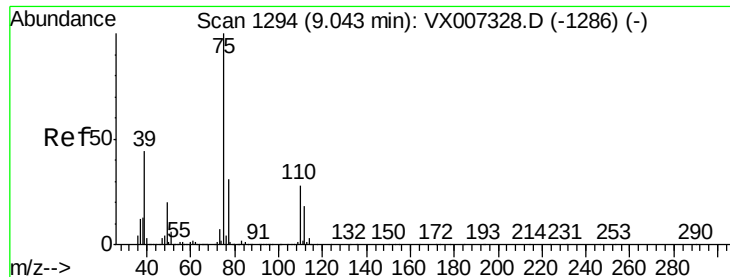
MMDadoda
2/15/2019 10:10:10 AM



#52
Toluene
Concen: 19.036 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.01 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.9	139.1	208.7





#53

t-1,3-Dichloropropene

Concen: 18.808 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

VX0215WBS01

Tot Ion: 75 Resp: 114277

Ion Ratio Lower Upper

75 100

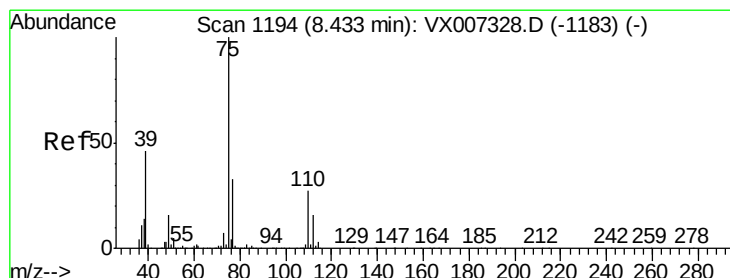
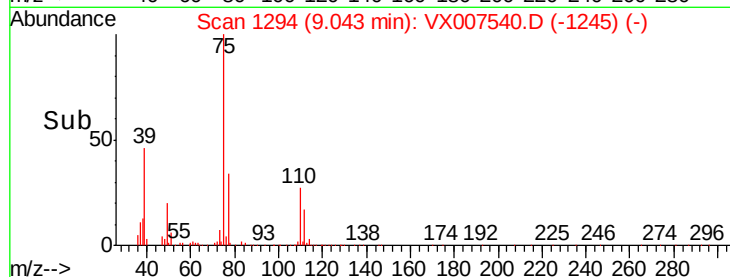
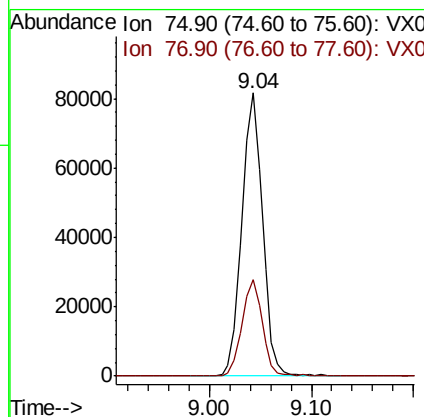
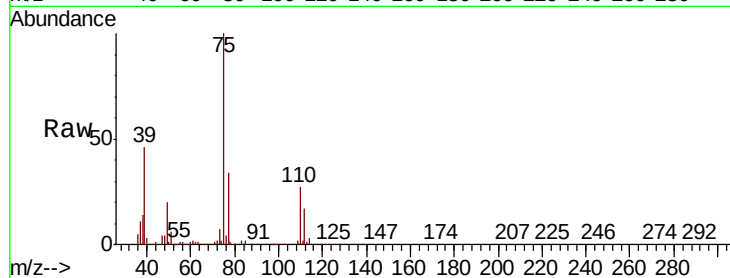
77 33.8 25.2 37.8

Manual Integrations

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MMDadoda

2/15/2019 10:10:10 AM



#54

cis-1,3-Dichloropropene

Concen: 19.599 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

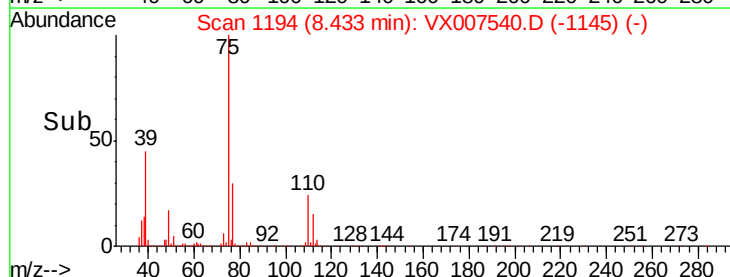
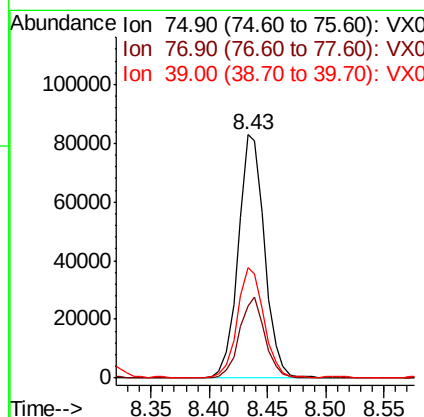
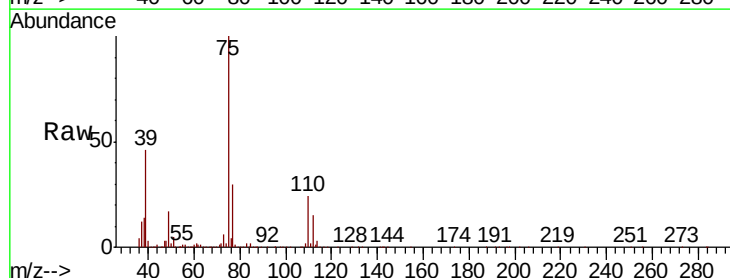
Tgt Ion: 75 Resp: 130954

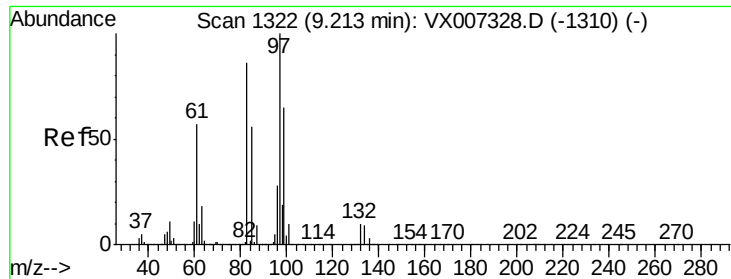
Ion Ratio Lower Upper

75 100

77 29.8 26.2 39.4

39 45.3 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 19.484 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Instrument :

MSVOA_X

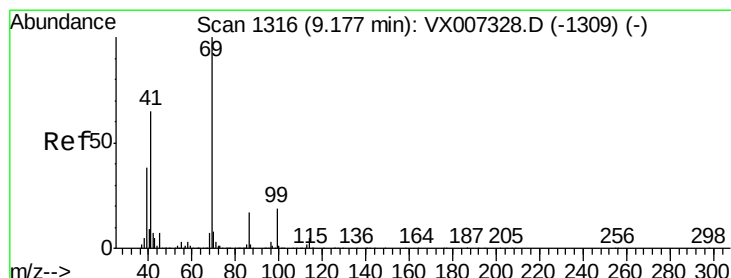
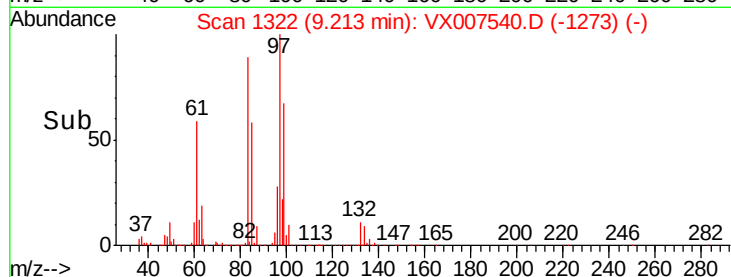
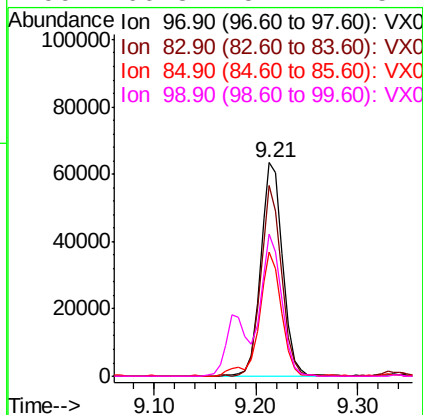
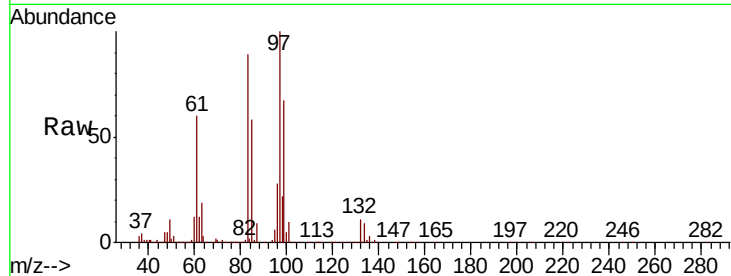
ClientSampleId :

VX0215WBS01

Tot Ion:	97	Resp:	96039
Ion	Ratio	Lower	Upper
97	100		
83	89.1	68.6	102.8
85	58.1	44.5	66.7
99	66.8	52.2	78.4

Manual Integrations
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#56

Ethyl methacrylate

Concen: 19.594 ug/l

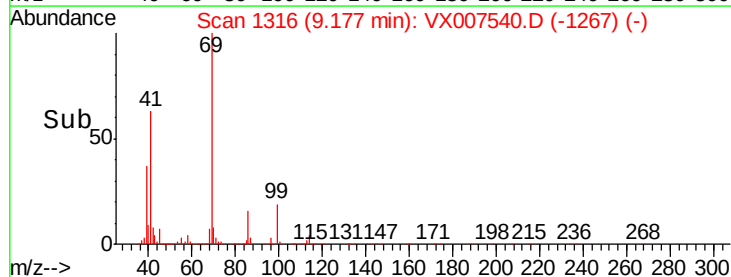
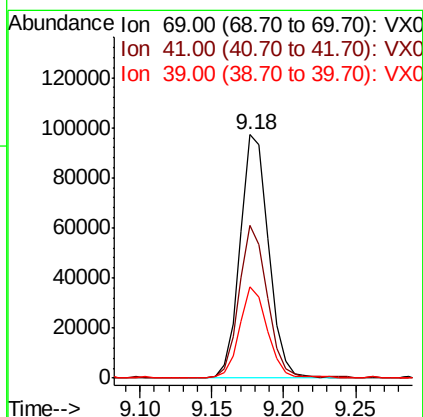
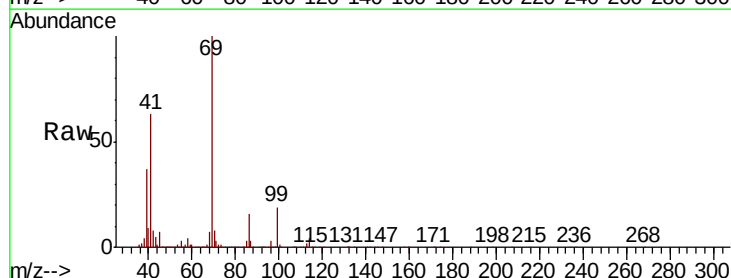
RT: 9.18 min Scan# 1316

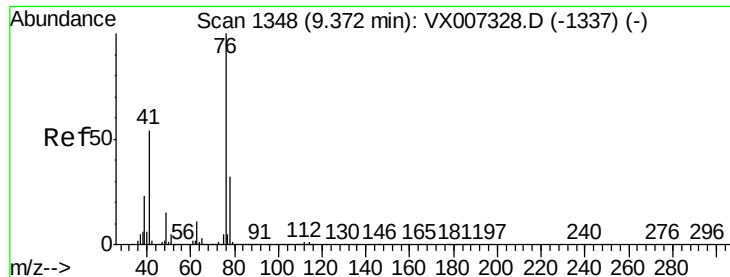
Delta R.T. -0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Tgt Ion:	69	Resp:	133770
Ion	Ratio	Lower	Upper
69	100		
41	61.2	52.1	78.1
39	36.2	30.1	45.1





#57

1,3-Dichloropropane

Concen: 19.374 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

VX0215WBS01

Tot Ion: 76 Resp: 151869

Ion Ratio Lower Upper

76 100

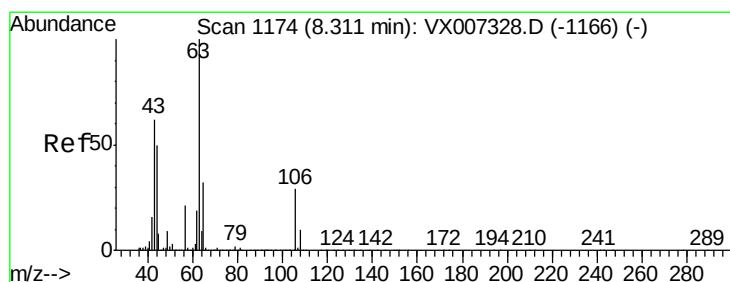
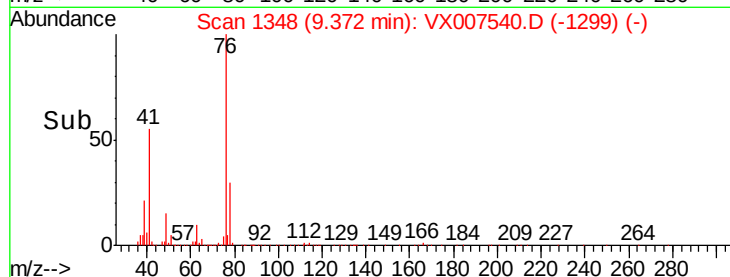
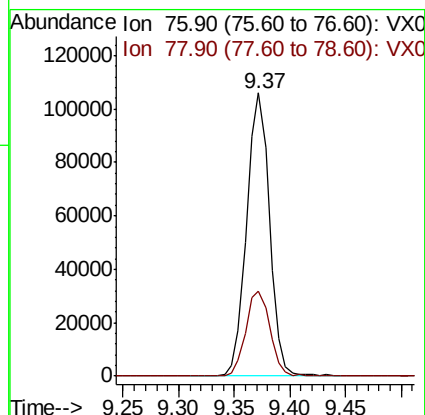
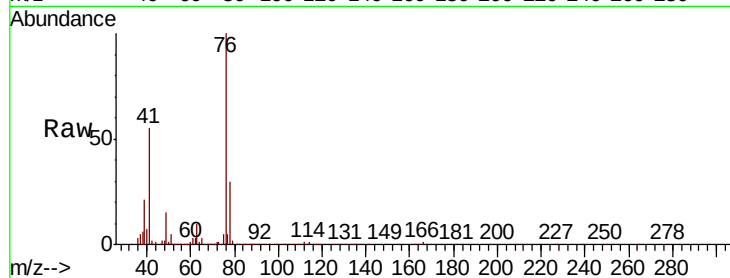
78 31.8 25.8 38.8

Manual Integrations

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MMDadoda

2/15/2019 10:10:10 AM



#58

2-Chloroethyl Vinyl ether

Concen: 96.033 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007540.D

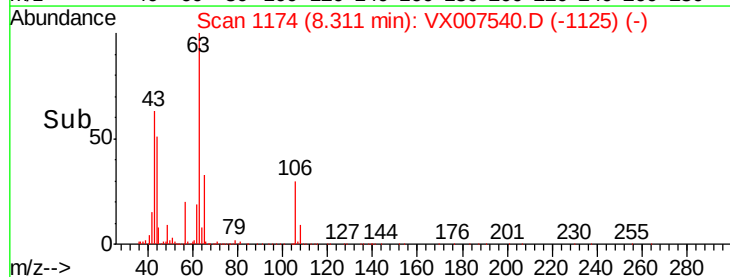
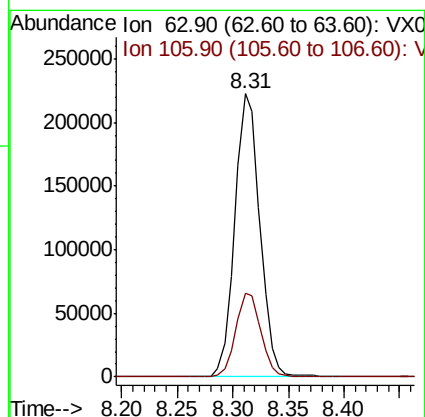
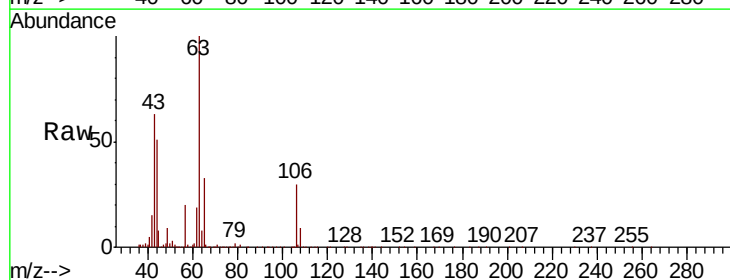
Acq: 14 Feb 2019 12:48

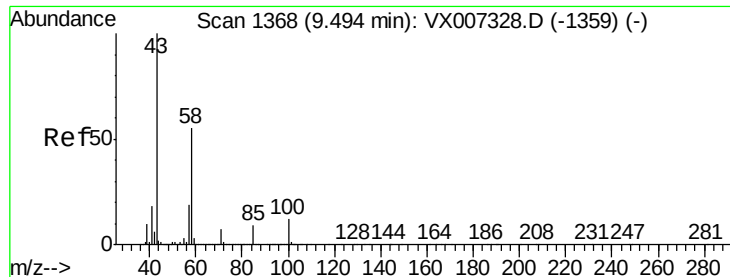
Tgt Ion: 63 Resp: 345565

Ion Ratio Lower Upper

63 100

106 29.9 23.6 35.4





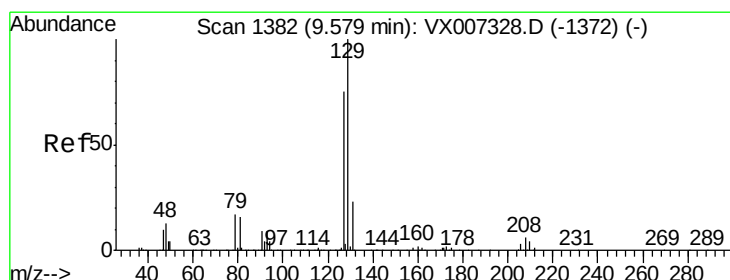
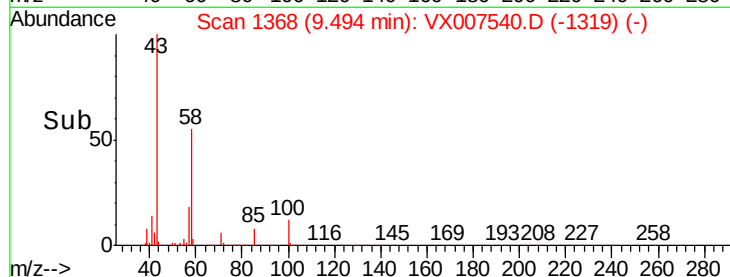
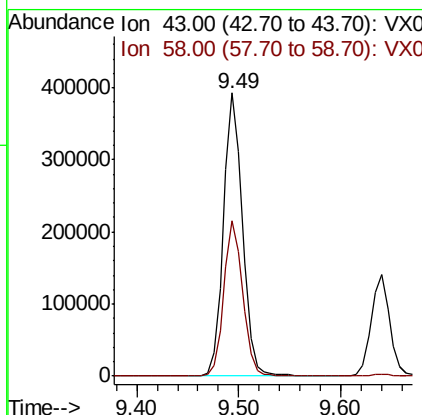
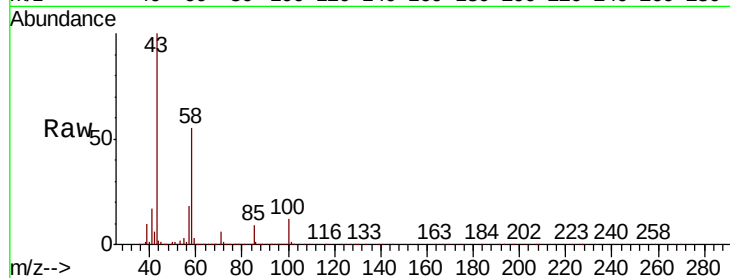
#59
2-Hexanone
Concen: 102.314 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0215WBS01

Tot Ion: 43 Resp: 508833
Ion Ratio Lower Upper
43 100
58 54.8 27.1 81.3

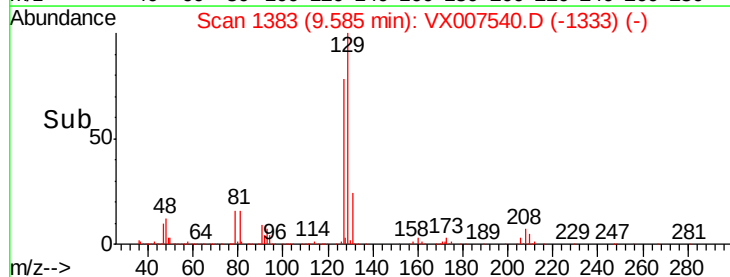
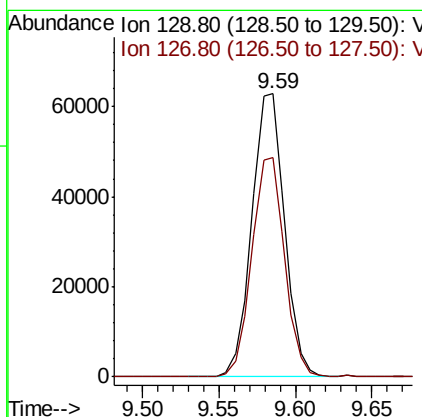
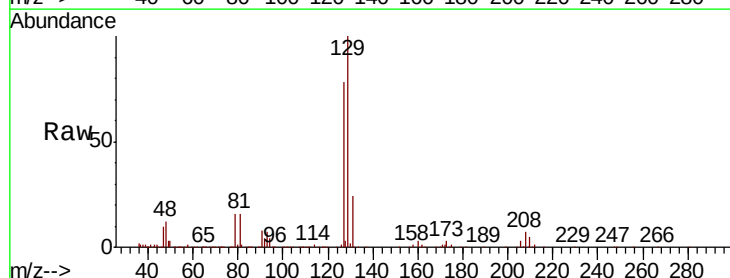
Manual Integrations
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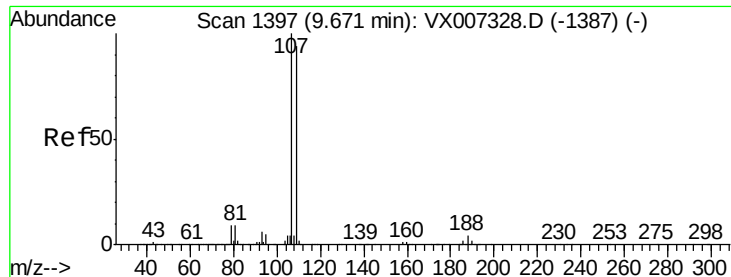
MMDadoda
2/15/2019 10:10:10 AM



#60
Dibromochloromethane
Concen: 20.129 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

Tgt Ion: 129 Resp: 93841
Ion Ratio Lower Upper
129 100
127 77.3 37.8 113.4





#61

1,2-Dibromoethane

Concen: 19.494 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

VX0215WBS01

Tot Ion: 107 Resp: 101761

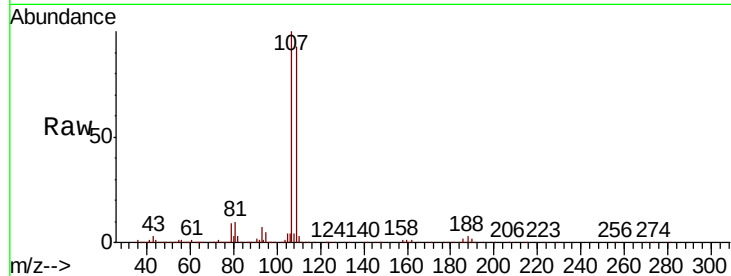
Ion Ratio Lower Upper

107 100

109 95.4 75.1 112.7

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2/15/2019 10:10:10 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

80000

60000

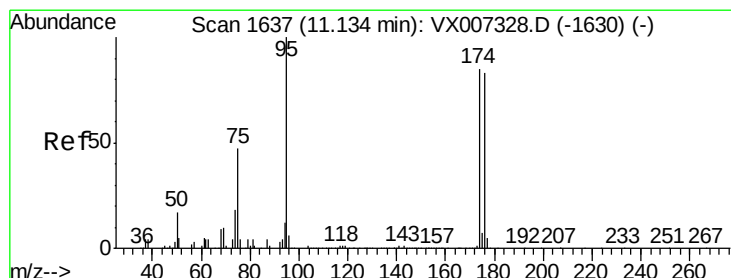
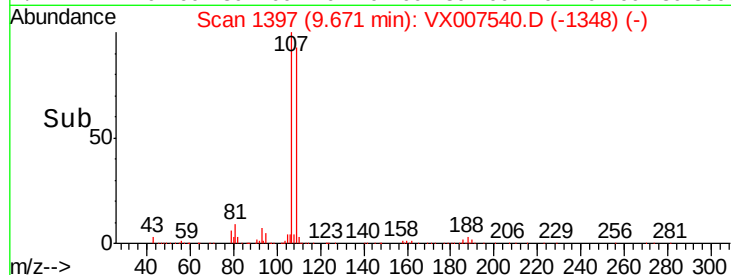
40000

20000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 46.880 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

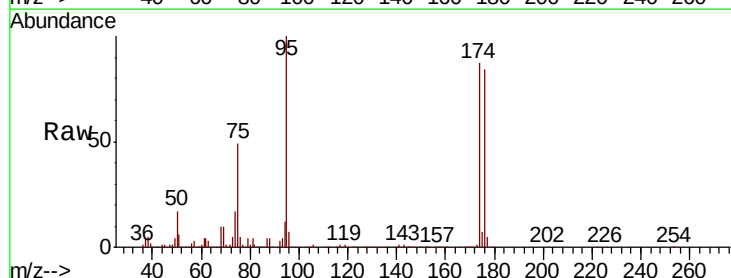
Tgt Ion: 95 Resp: 286530

Ion Ratio Lower Upper

95 100

174 94.8 0.0 189.2

176 91.7 0.0 186.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

300000

250000

200000

150000

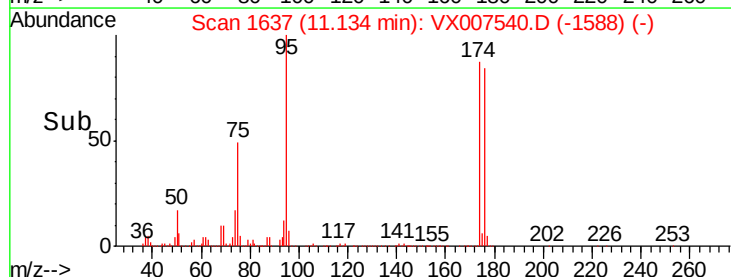
100000

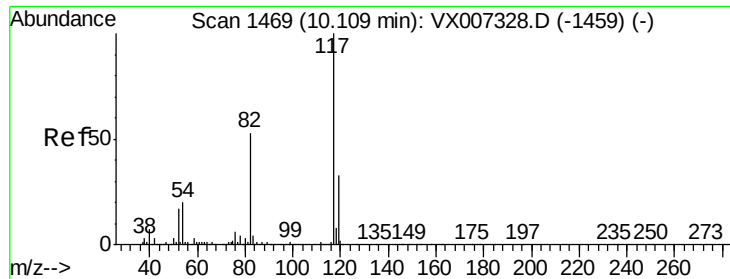
50000

0

11.10 11.20

Time-->





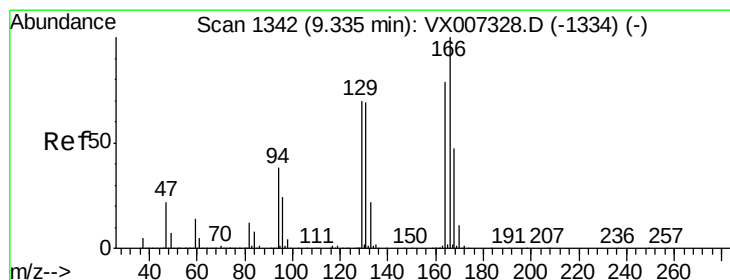
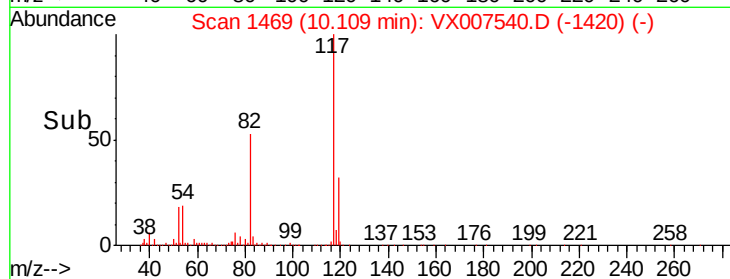
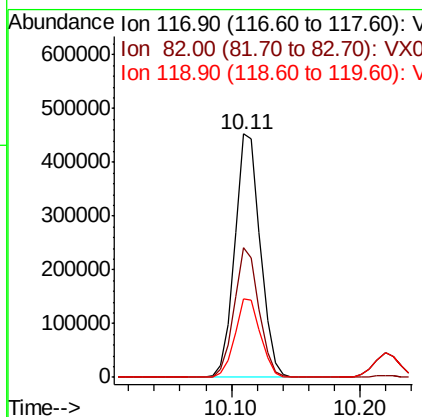
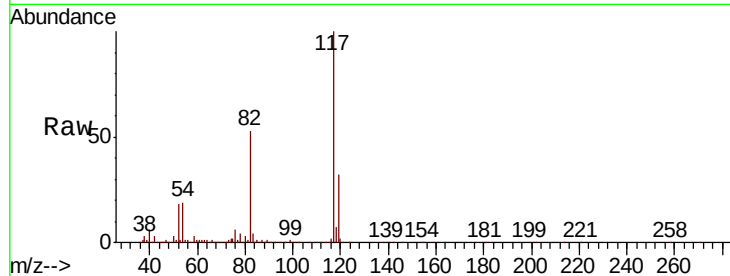
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0215WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.1	42.1	63.1
119	32.2	26.5	39.7

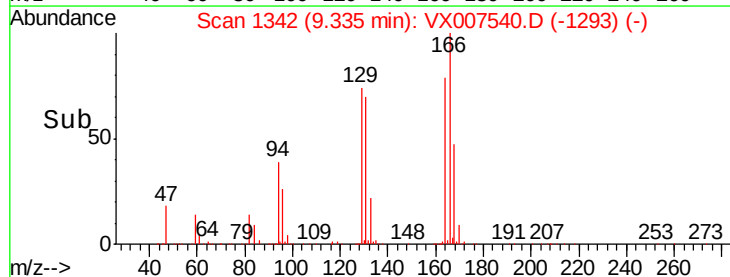
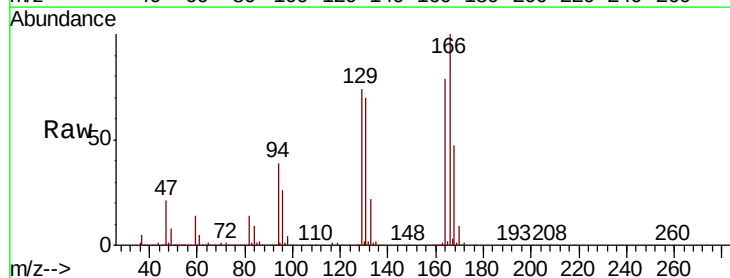
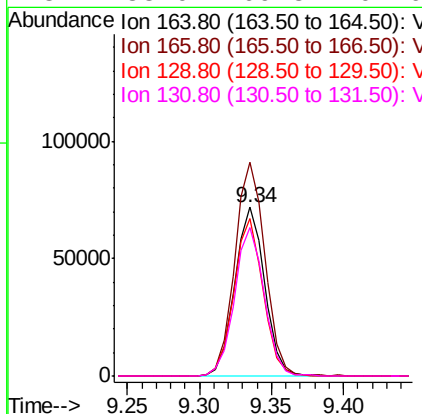
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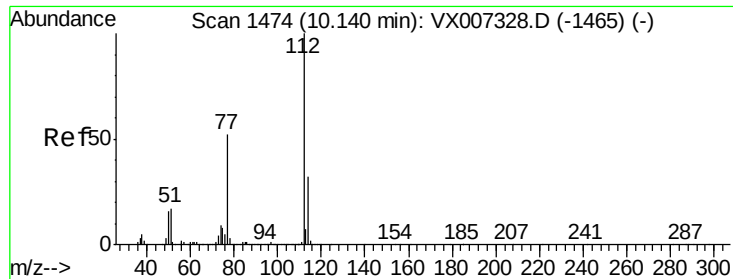
MMDadoda
2/15/2019 10:10:10 AM



#64
Tetrachloroethene
Concen: 17.713 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.3	101.0	151.4
129	93.0	70.5	105.7
131	88.0	69.8	104.6





#65

Chlorobenzene

Concen: 19.190 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

VX0215WBS01

Tot Ion:112 Resp: 260884

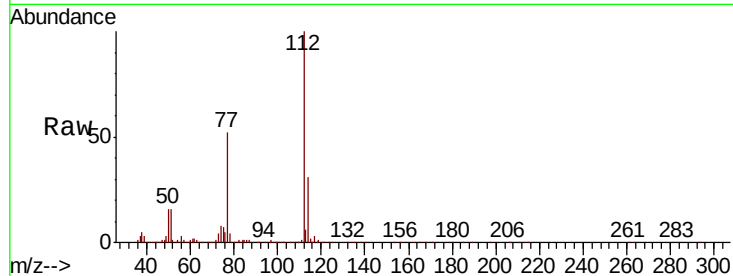
Ion Ratio Lower Upper

112 100

114 31.1 25.8 38.6

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

200000

150000

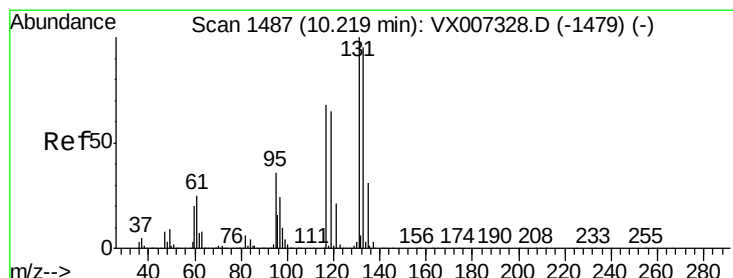
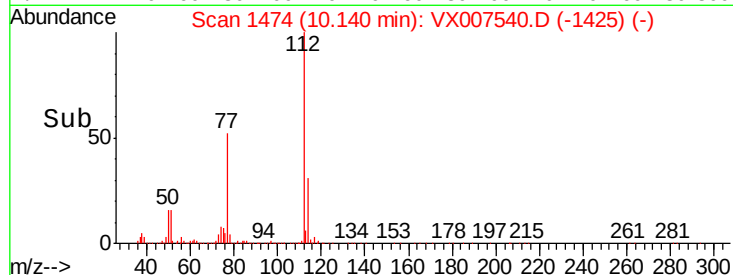
100000

50000

0

10.10 10.20

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.622 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

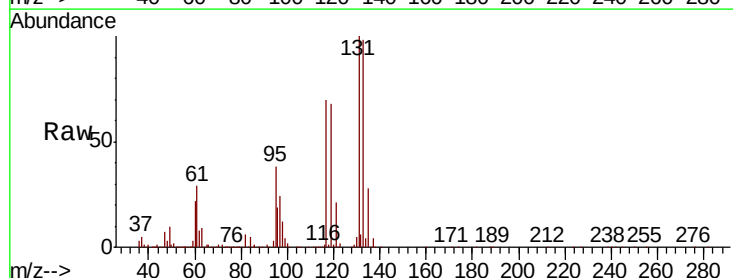
Tgt Ion:131 Resp: 93995

Ion Ratio Lower Upper

131 100

133 95.5 48.0 144.2

119 65.1 32.0 96.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

200000

150000

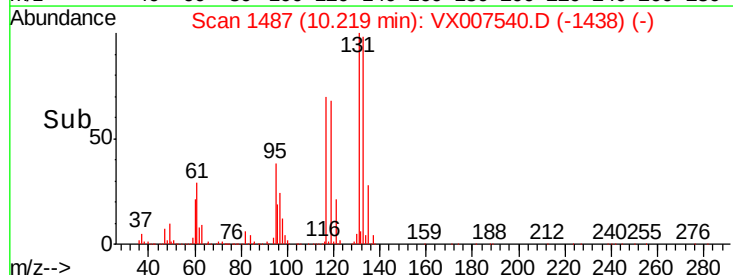
100000

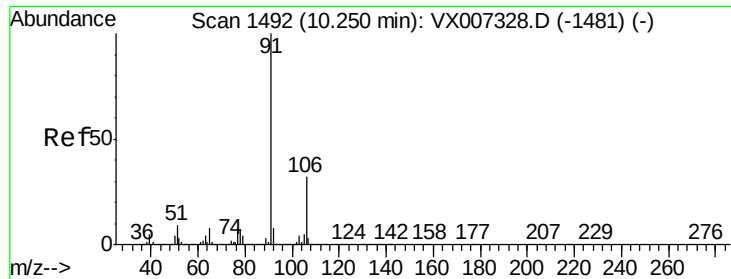
50000

0

10.15 10.20 10.25

Time-->





#67

Ethyl Benzene

Concen: 18.998 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

VX0215WBS01

Tot Ion: 91 Resp: 415922

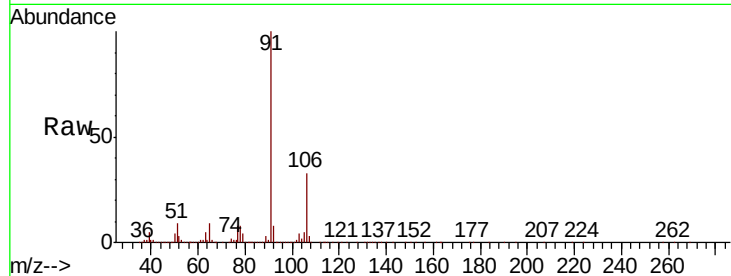
Ion Ratio Lower Upper

91 100

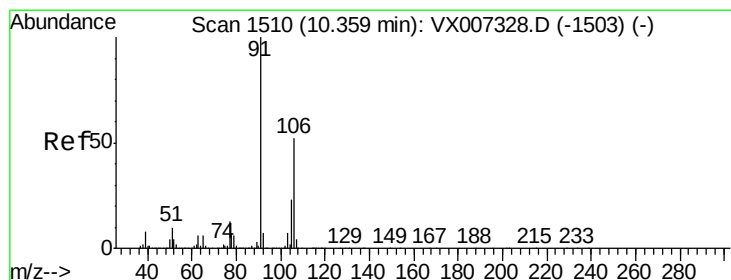
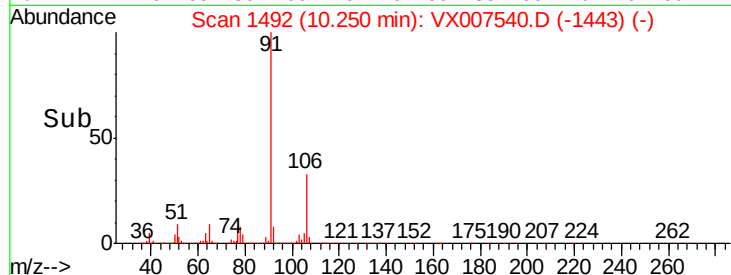
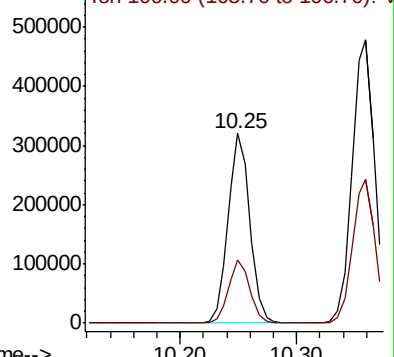
106 33.4 25.4 38.0

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2/15/2019 10:10:10 AM



Abundance Ion 91.00 (90.70 to 91.70): VX007328.D (-1481) (-)



#68

m/p-Xylenes

Concen: 37.600 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007540.D

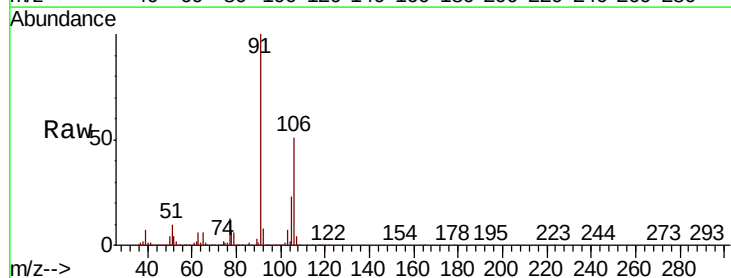
Acq: 14 Feb 2019 12:48

Tgt Ion: 106 Resp: 327221

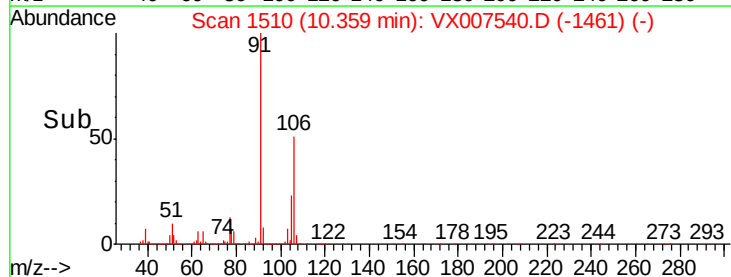
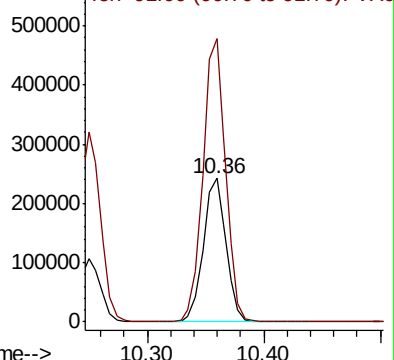
Ion Ratio Lower Upper

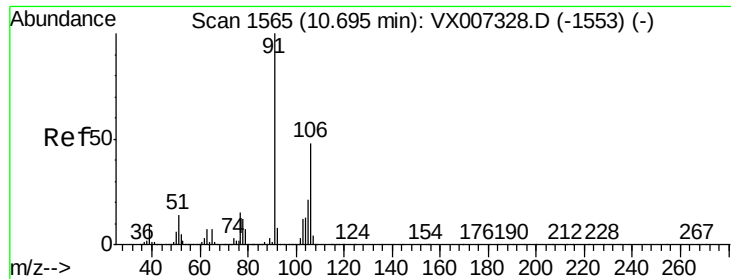
106 100

91 197.4 156.6 234.8



Abundance Ion 106.00 (105.70 to 106.70): VX007328.D (-1503) (-)





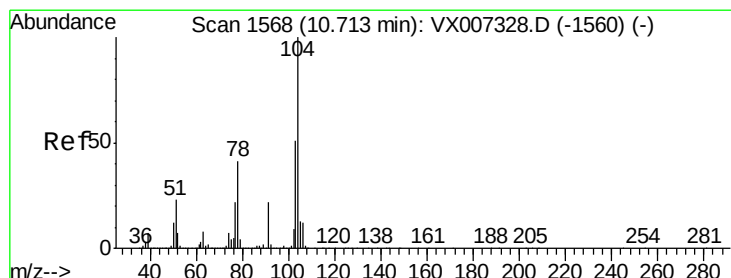
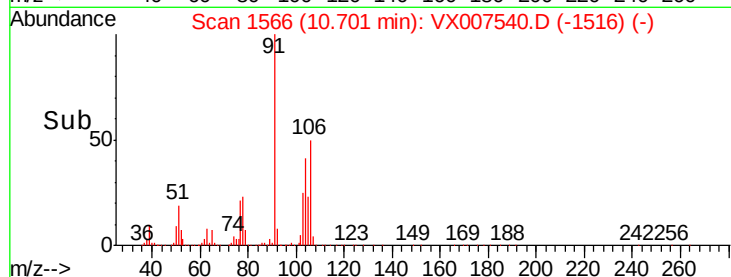
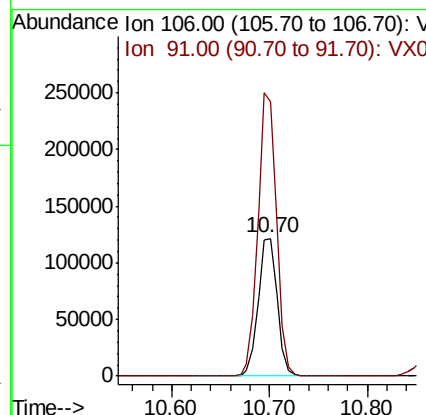
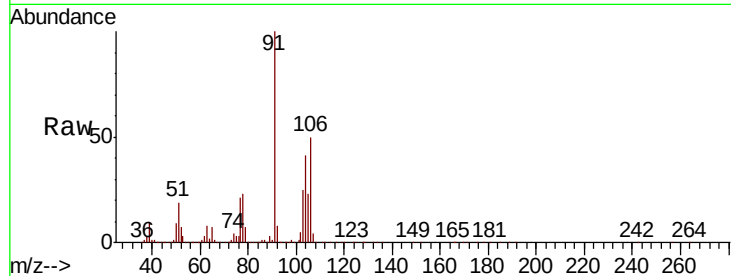
#69
o-Xylene
Concen: 19.496 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0215WBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	201.3	102.9	308.7	

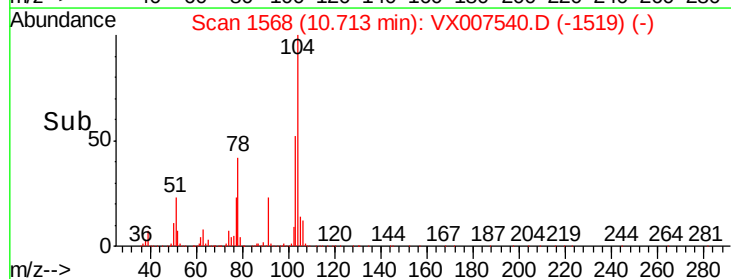
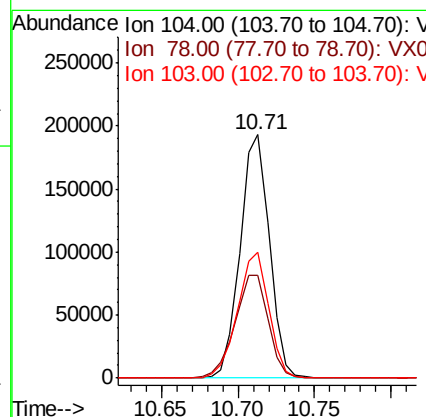
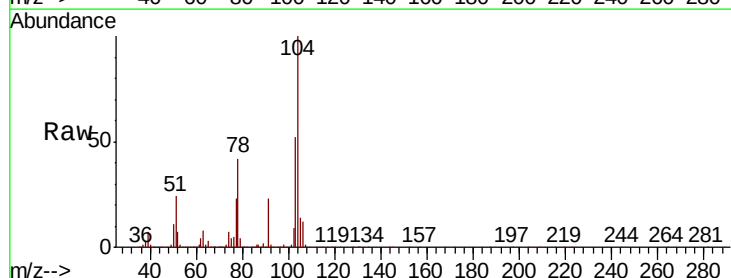
Manual Integrations
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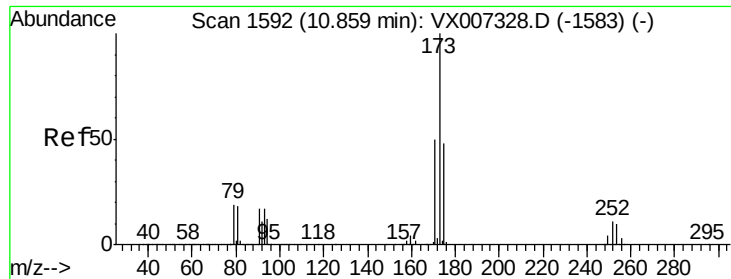
MMDadoda
2/15/2019 10:10:10 AM



#70
Styrene
Concen: 18.888 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	48.2	38.3	57.5	
103	55.4	44.6	67.0	





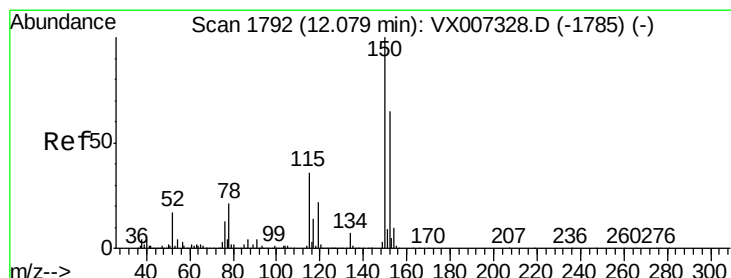
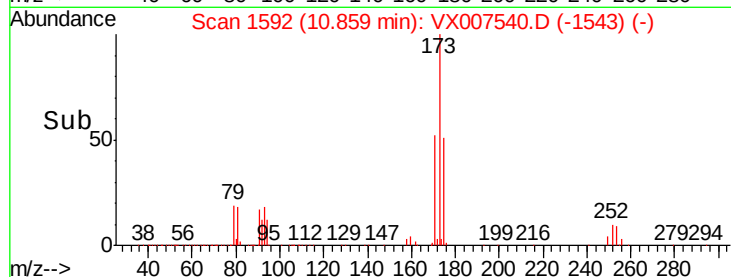
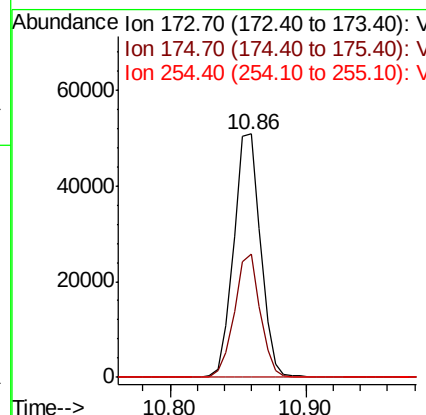
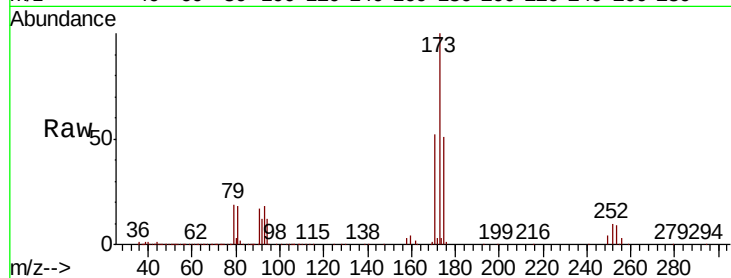
#71
Bromoform
Concen: 20.090 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0215WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.2	72.6
254	0.2	0.2	0.2

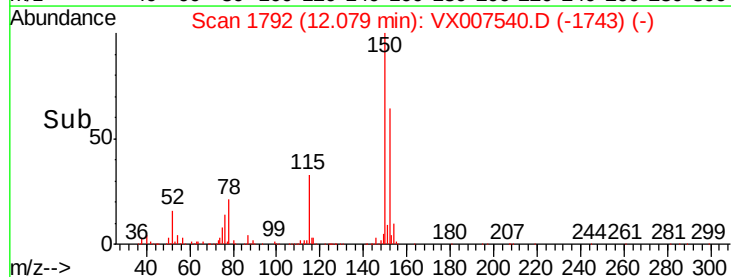
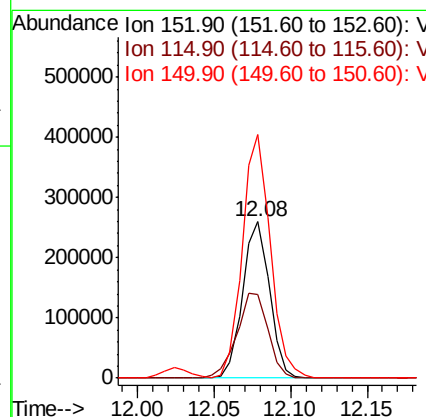
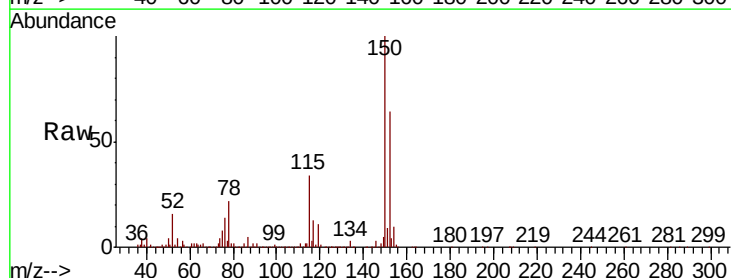
Manual Integrations
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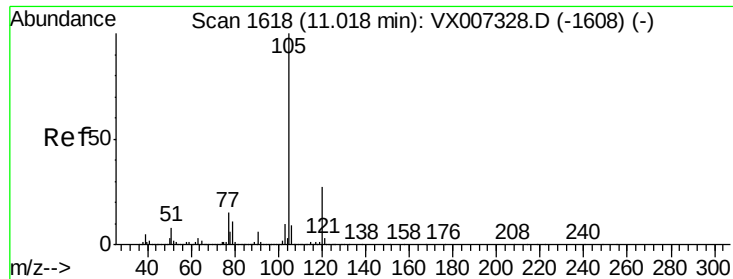
MMDadoda
2/15/2019 10:10:10 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.8	38.0	114.0
150	162.0	0.0	346.4





#73

Isopropylbenzene

Concen: 19.783 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

VX0215WBS01

Tot Ion:105 Resp: 425233

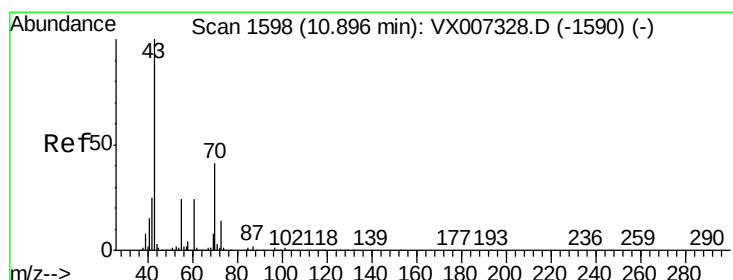
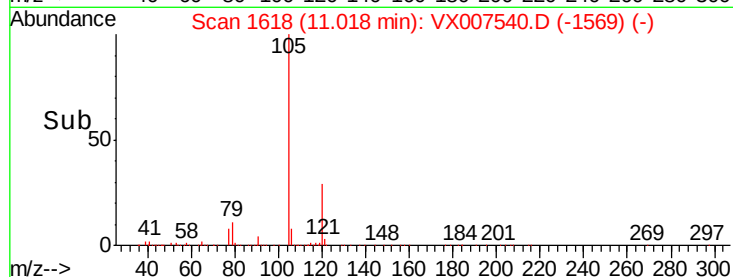
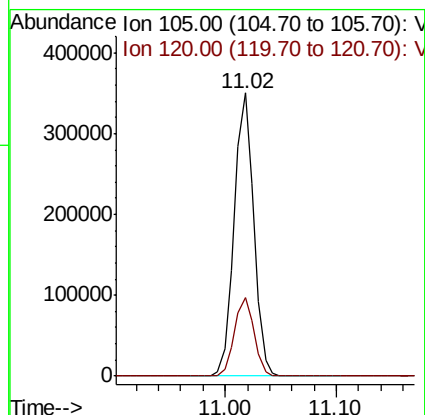
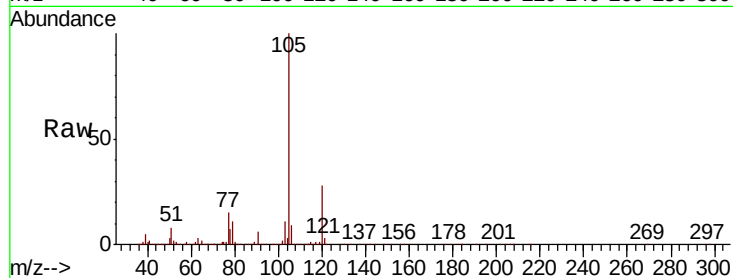
Ion Ratio Lower Upper

105 100

120 27.8 13.6 40.7

Manual Integrations
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MMDadoda
2/15/2019 10:10:10 AM



#74

N-ethyl acetate

Concen: 19.725 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Tgt Ion: 43 Resp: 163994

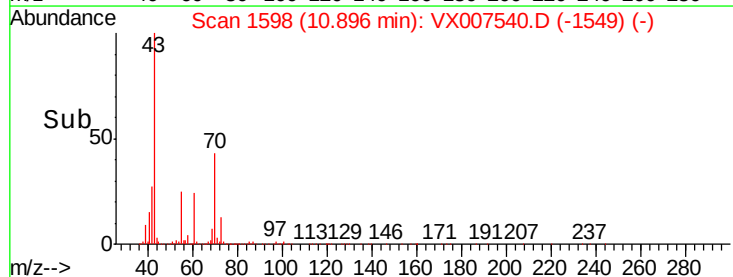
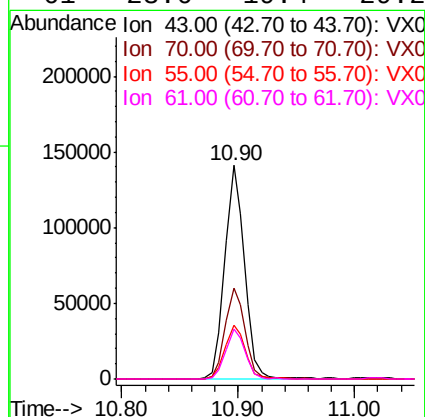
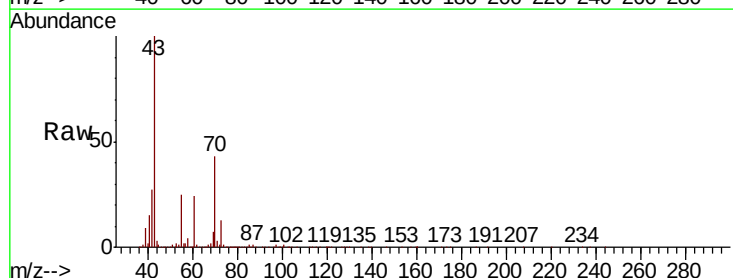
Ion Ratio Lower Upper

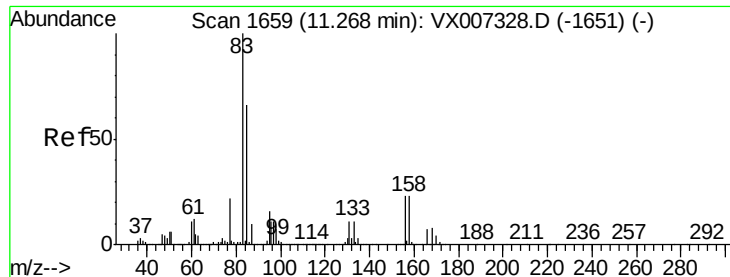
43 100

70 43.7 33.8 50.6

55 26.4 19.5 29.3

61 23.6 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.429 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Instrument :

MSVOA_X

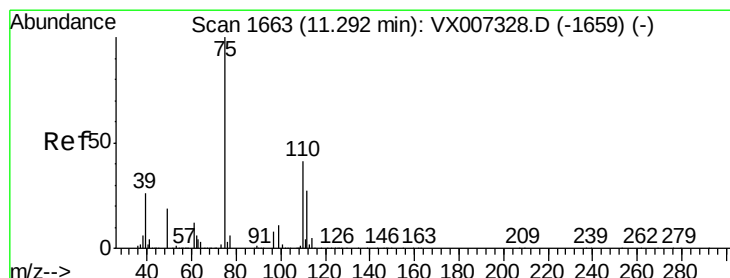
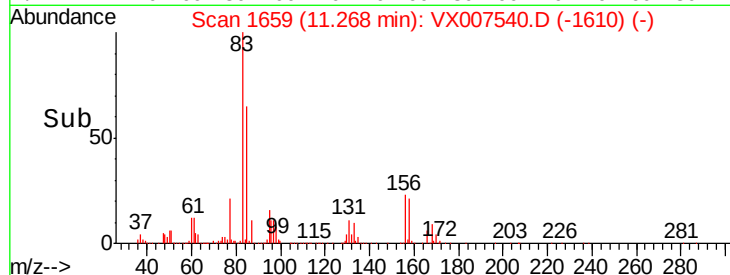
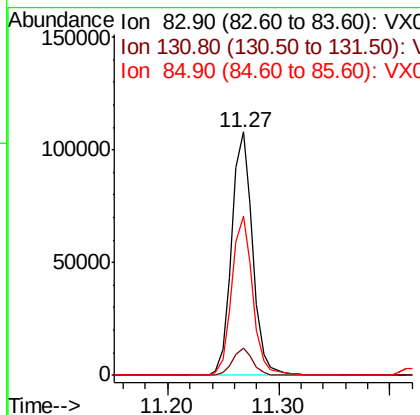
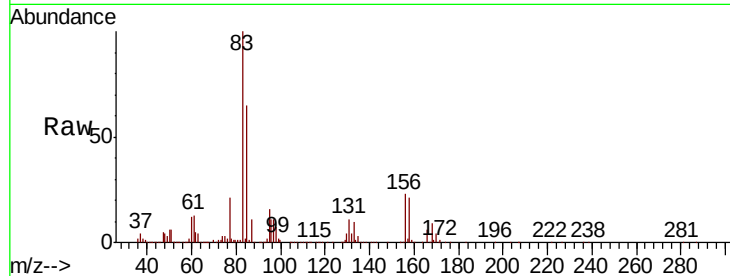
ClientSampled :

VX0215WBS01

Tot Ion:	83	Resp:	140379
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.7	17.0
85	65.4	32.8	98.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 23.741 ug/l m

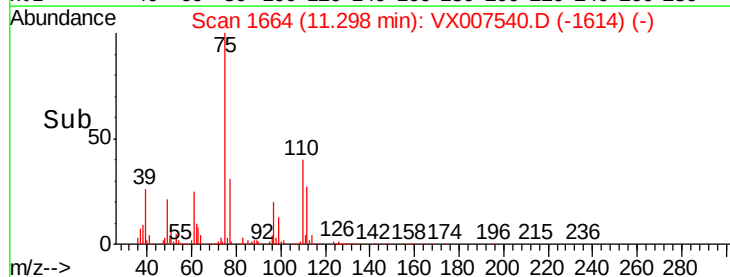
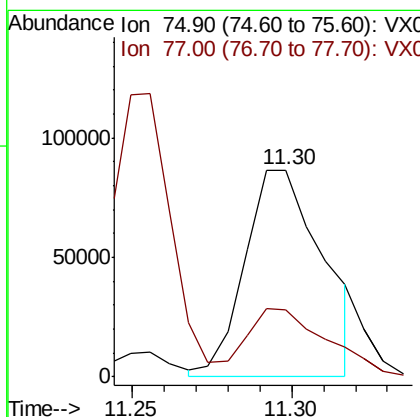
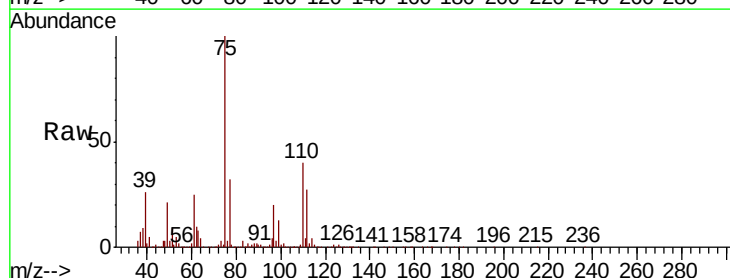
RT: 11.30 min Scan# 1664

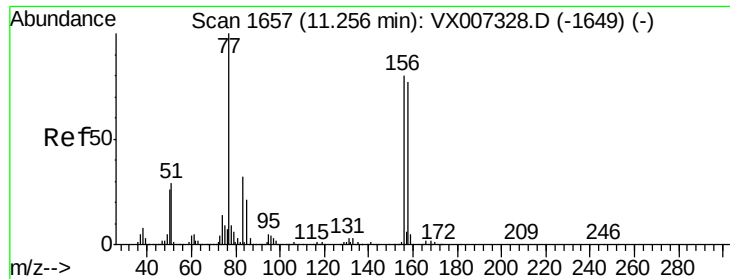
Delta R.T. 0.01 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Tgt Ion:	75	Resp:	146069
Ion Ratio	Lower	Upper	
75	100		
77	34.7	23.0	69.0





#77

Bromobenzene

Concen: 19.188 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Instrument :

MSVOA_X

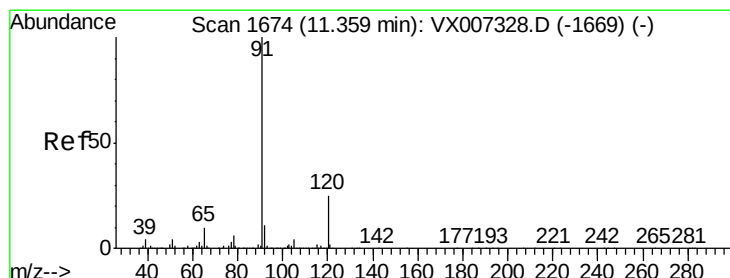
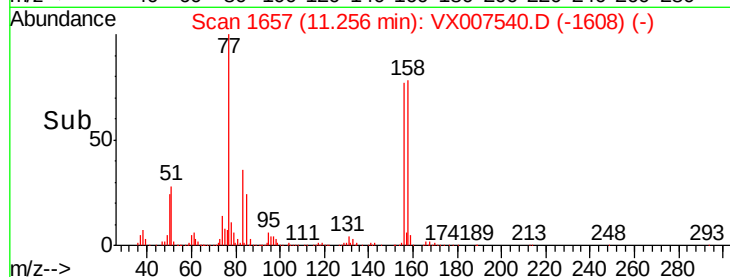
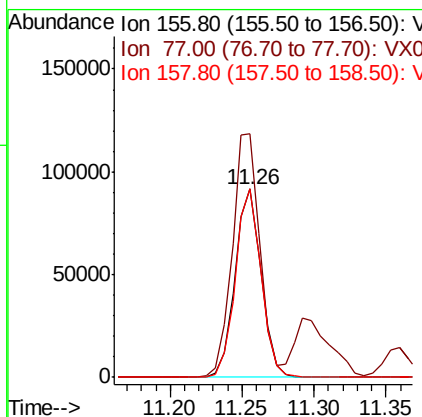
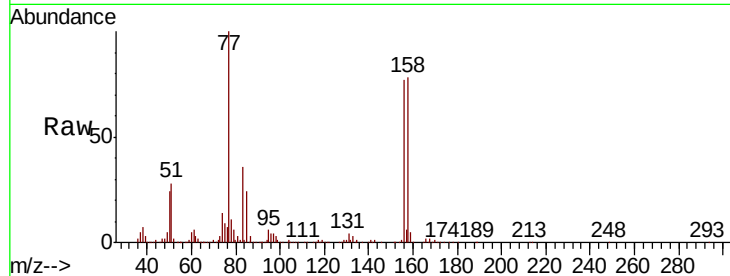
ClientSampleId :

VX0215WBS01

Tot Ion:	156	Resp:	116209
Ion Ratio	Lower	Upper	
156	100		
77	135.8	66.8	200.6
158	98.6	47.9	143.8

Manual Integrations
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2/15/2019 10:10:10 AM



#78

n-propylbenzene

Concen: 19.921 ug/l

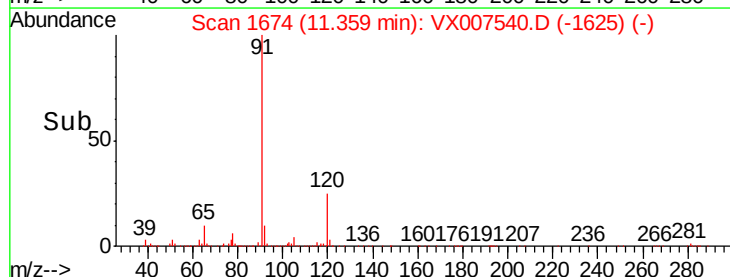
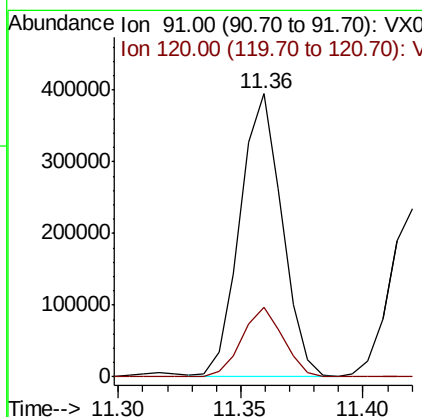
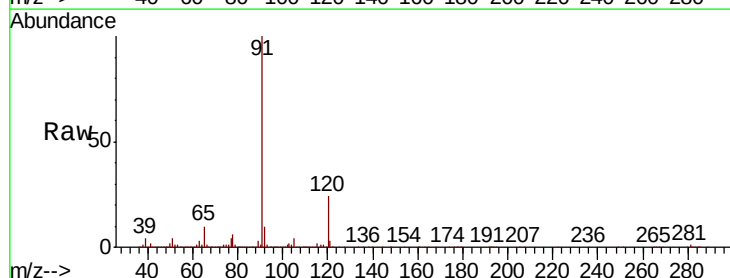
RT: 11.36 min Scan# 1674

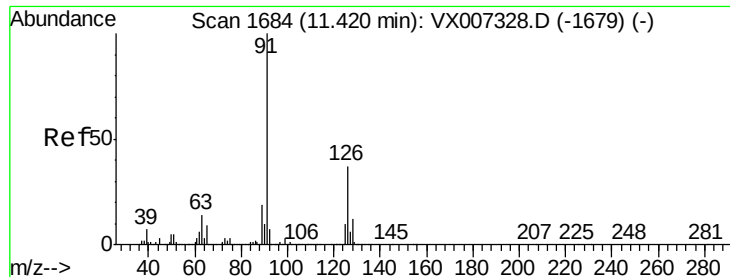
Delta R.T. -0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Tgt Ion:	91	Resp:	469558
Ion Ratio	Lower	Upper	
91	100		
120	24.4	12.4	37.2





#79

2-Chlorotoluene

Concen: 19.677 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Instrument :

MSVOA_X

ClientSampled :

VX0215WBS01

Tot Ion: 91 Resp: 281430

Ion Ratio Lower Upper

91 100

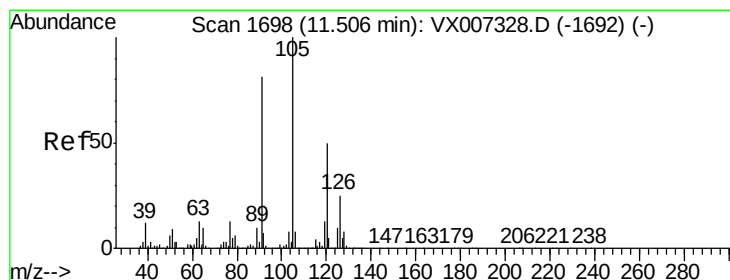
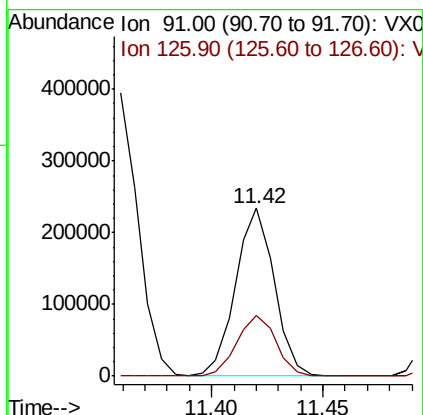
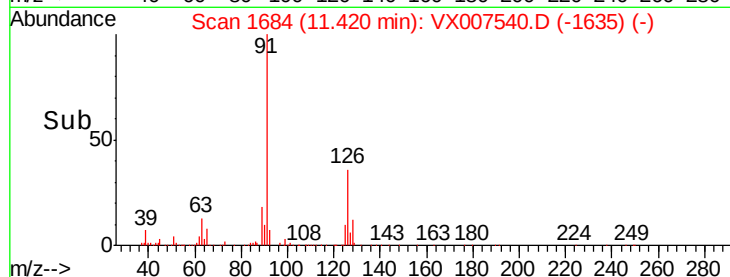
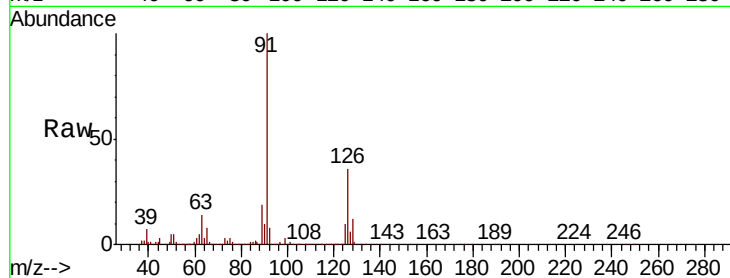
126 36.8 18.7 56.1

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 19.904 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007540.D

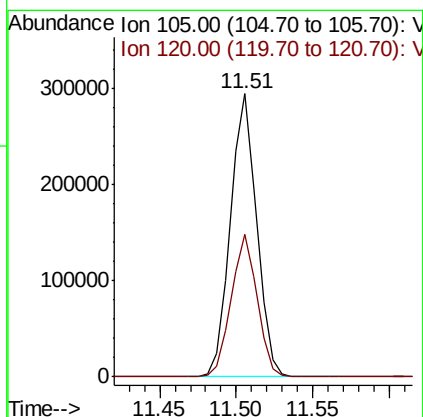
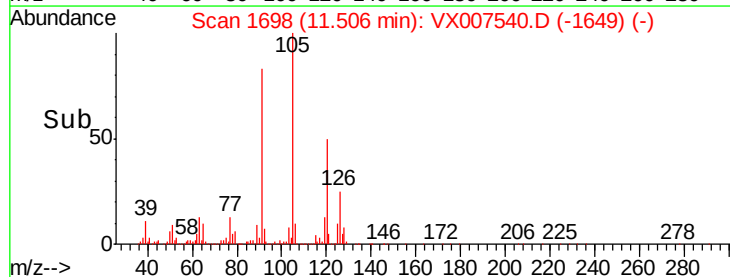
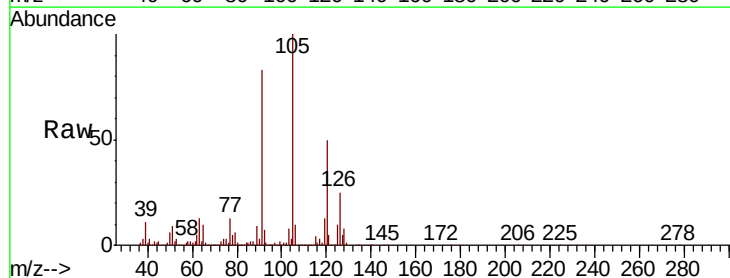
Acq: 14 Feb 2019 12:48

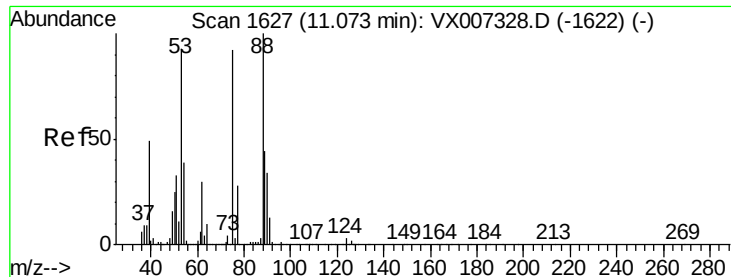
Tgt Ion: 105 Resp: 350020

Ion Ratio Lower Upper

105 100

120 50.0 25.3 75.8





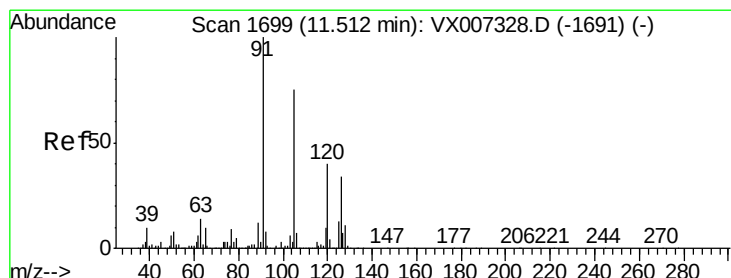
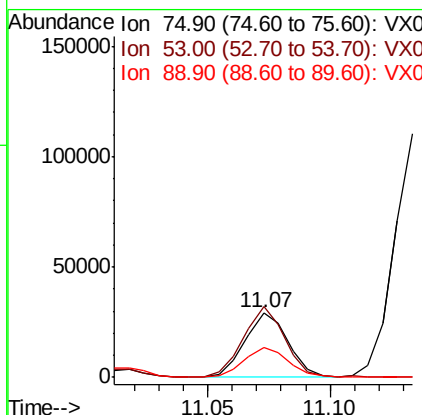
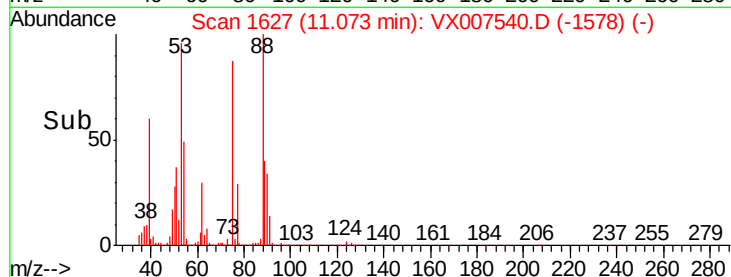
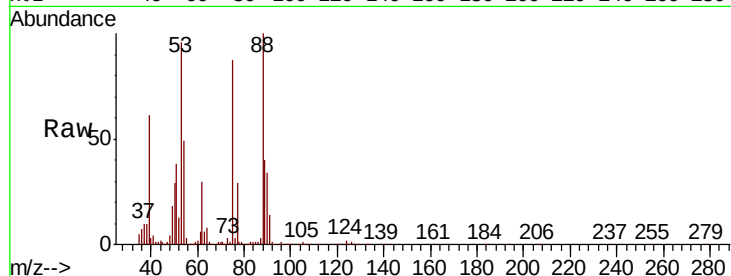
#81
trans-1,4-Dichloro-2-butene
Concen: 20.736 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0215WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.6	81.0	121.6
89	46.6	41.4	62.0

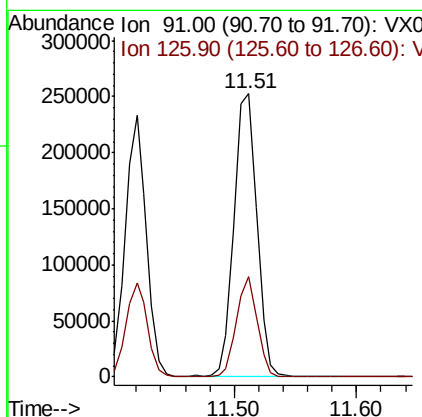
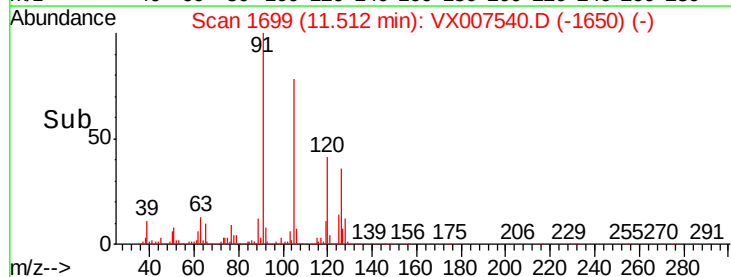
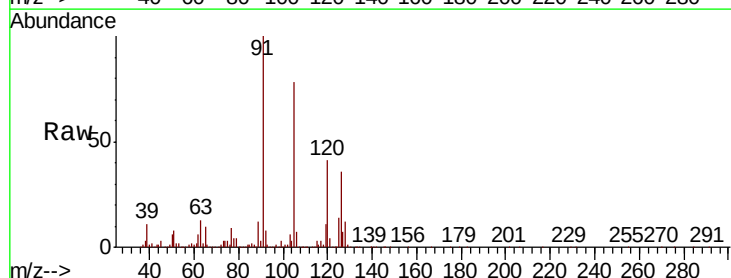
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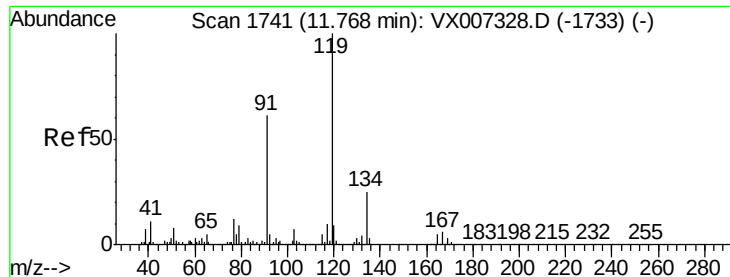
MMDadoda
2/15/2019 10:10:10 AM



#82
4-Chlorotoluene
Concen: 19.623 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.1	16.2	48.5





#83

tert-Butylbenzene

Concen: 19.831 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Instrument :

MSVOA_X

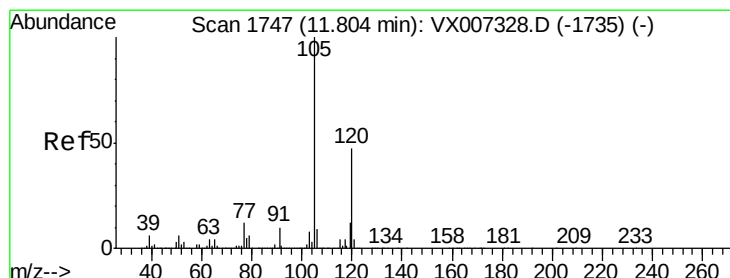
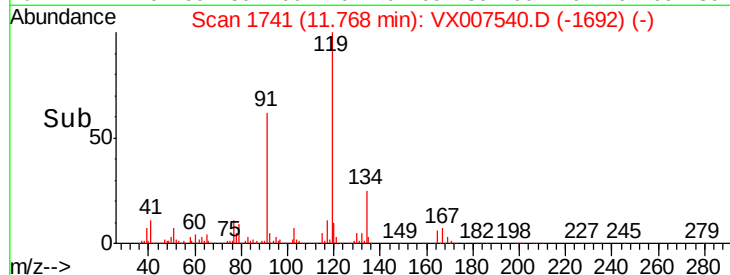
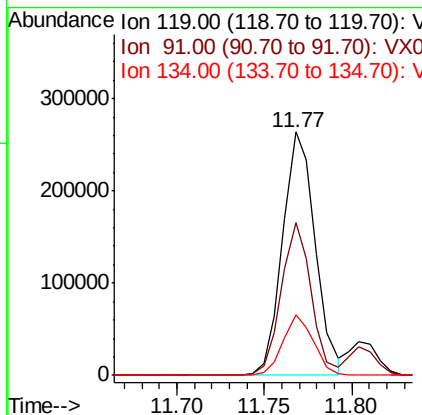
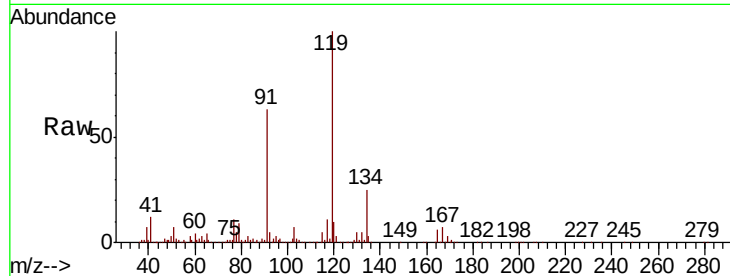
ClientSampleId :

VX0215WBS01

Tot Ion:	119	Resp:	345281
Ion Ratio	Lower	Upper	
119	100		
91	57.5	28.5	85.6
134	23.5	12.0	36.0

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#84

1,2,4-Trimethylbenzene

Concen: 20.289 ug/l

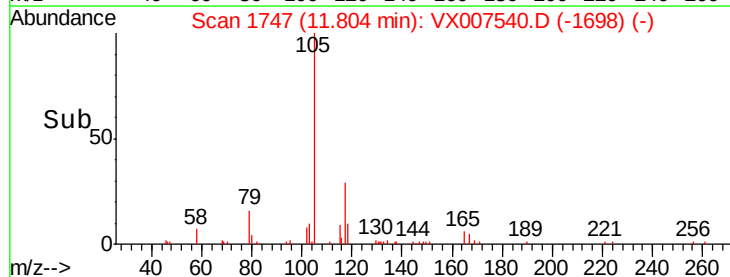
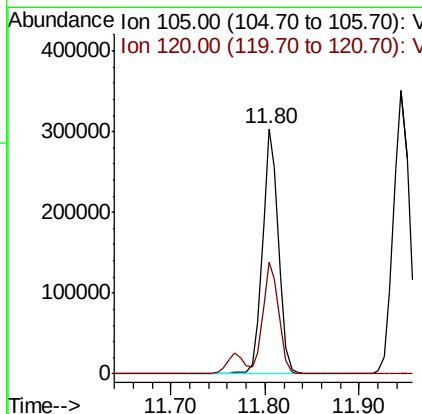
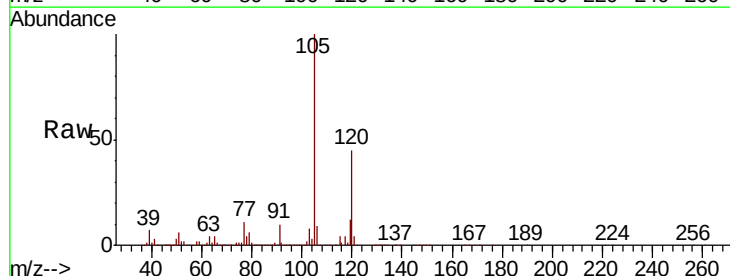
RT: 11.80 min Scan# 1747

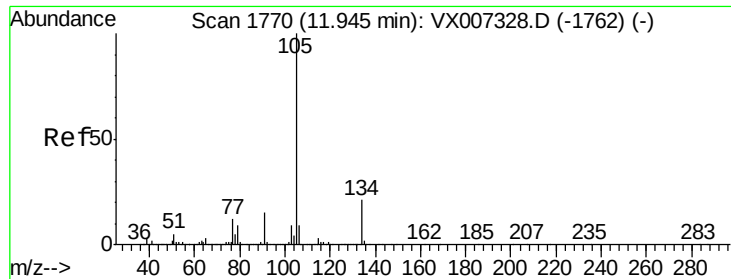
Delta R.T. -0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Tgt Ion:	105	Resp:	362235
Ion Ratio	Lower	Upper	
105	100		
120	45.2	23.1	69.3





#85

sec-Butylbenzene

Concen: 20.006 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

VX0215WBS01

Tot Ion:105 Resp: 421585

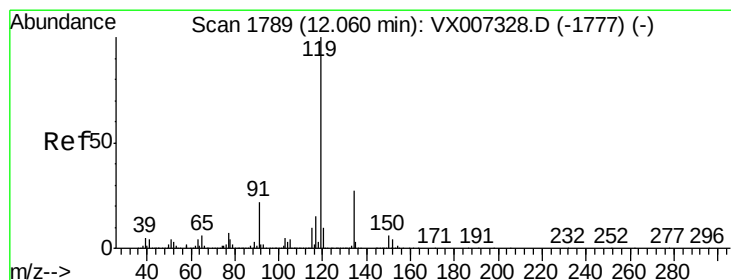
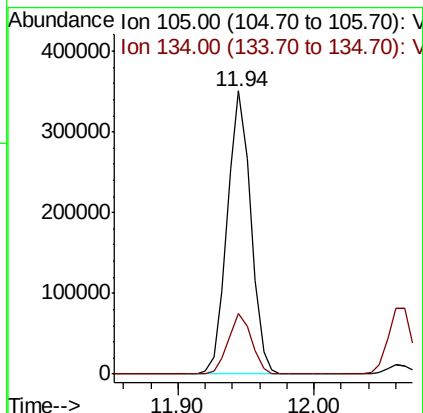
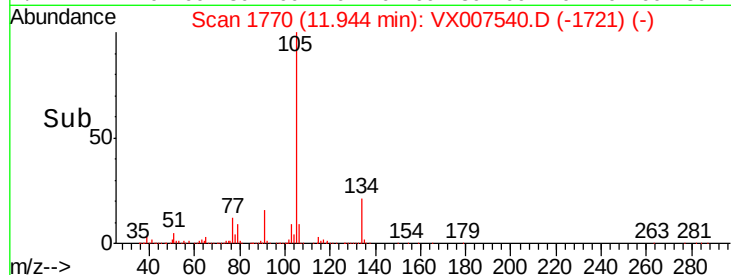
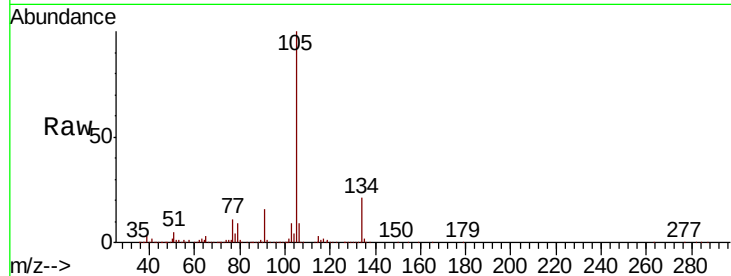
Ion Ratio Lower Upper

105 100

134 21.4 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 19.667 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007540.D

Acq: 14 Feb 2019 12:48

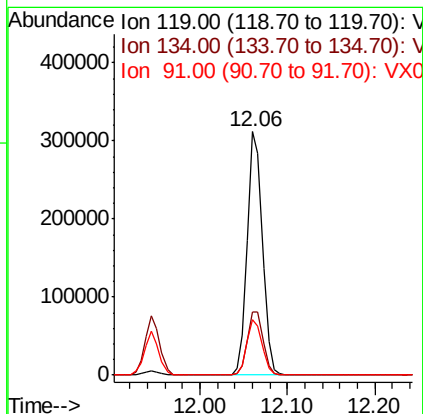
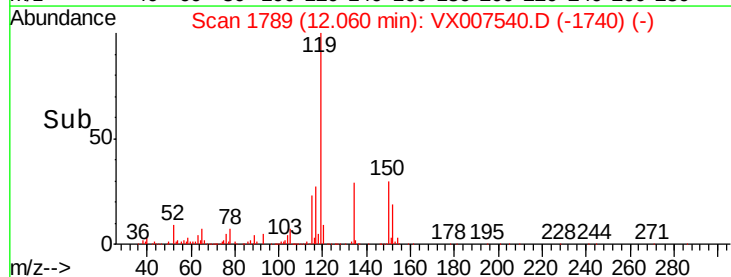
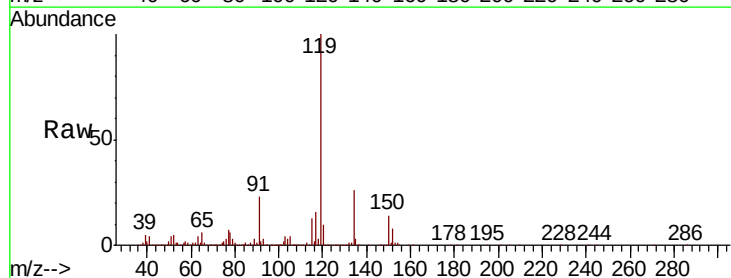
Tgt Ion:119 Resp: 374104

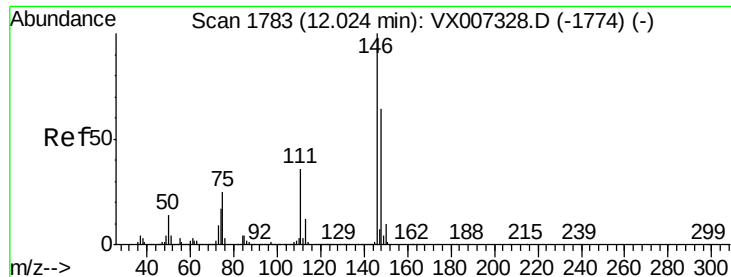
Ion Ratio Lower Upper

119 100

134 27.2 13.7 41.1

91 22.8 11.2 33.5





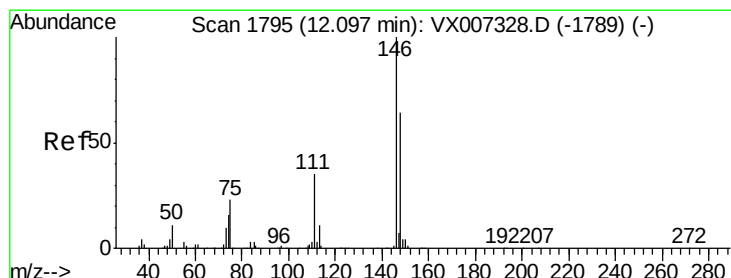
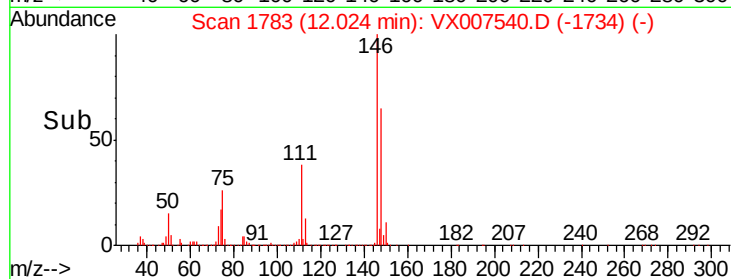
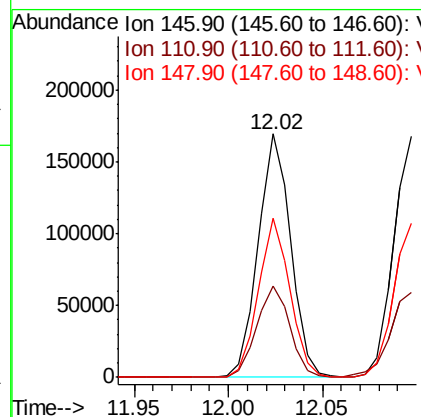
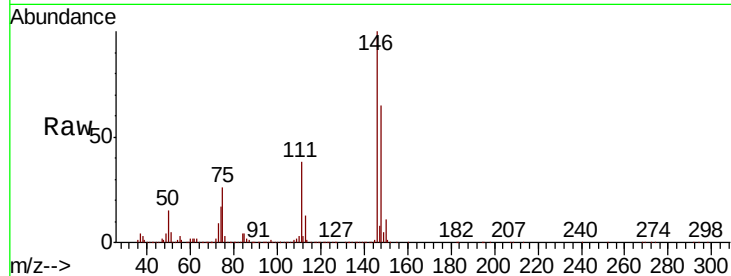
#87
 1,3-Dichlorobenzene
 Concen: 18.657 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007540.D
 Acq: 14 Feb 2019 12:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0215WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.1	54.1
148	63.6	32.0	96.2

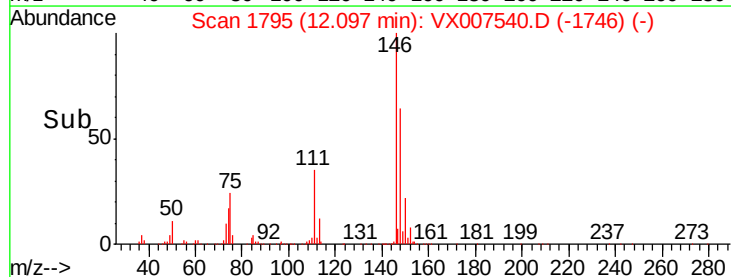
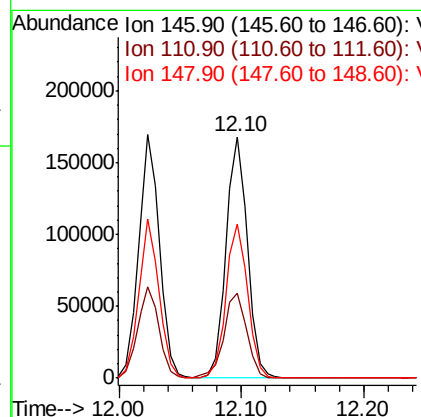
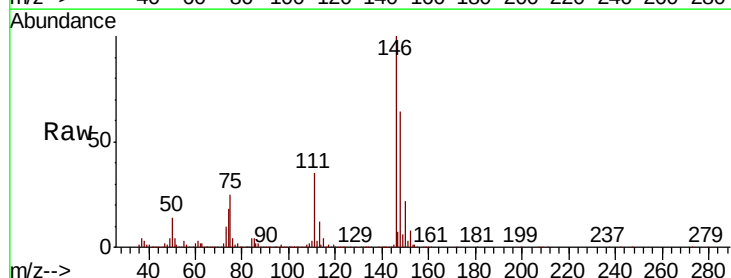
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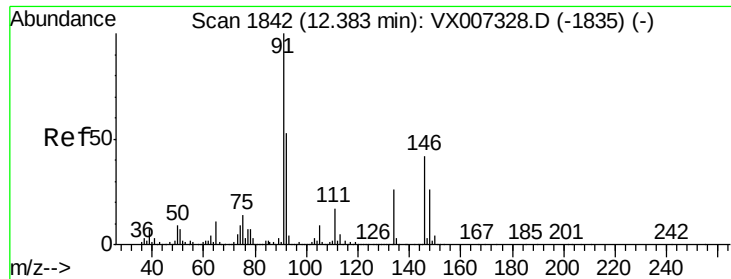
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 18.462 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007540.D
 Acq: 14 Feb 2019 12:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.1	54.1
148	64.8	32.3	96.9





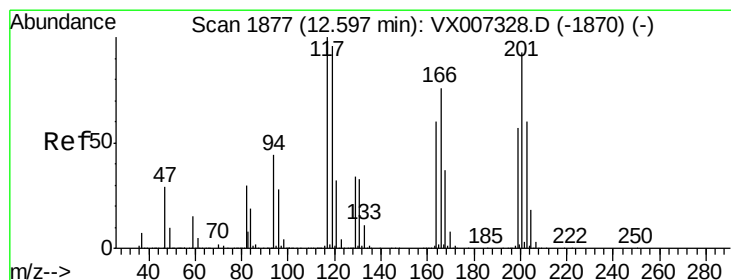
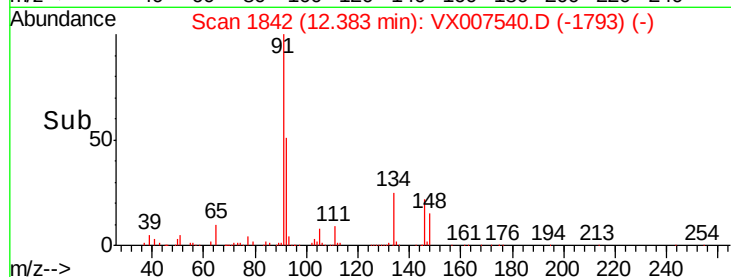
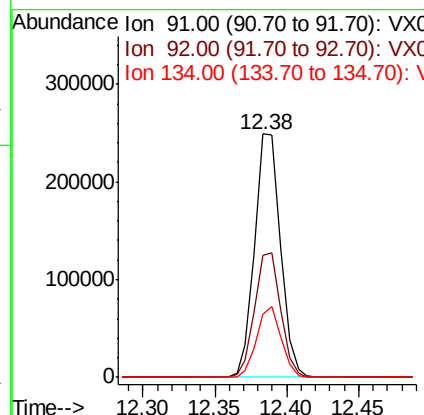
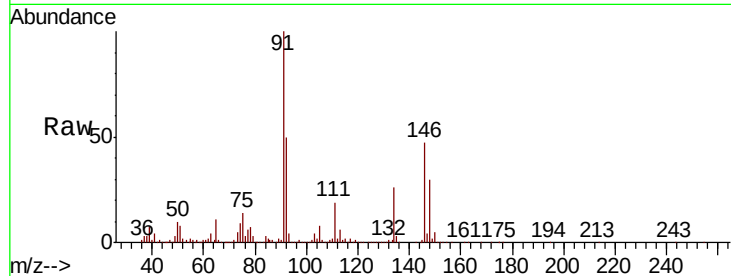
#89
n-Butylbenzene
Concen: 18.776 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0215WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.3	78.9
134	27.5	13.9	41.6

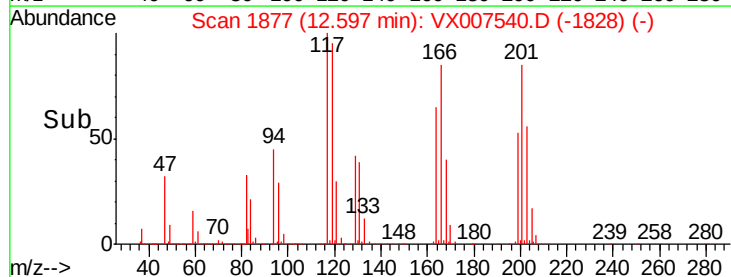
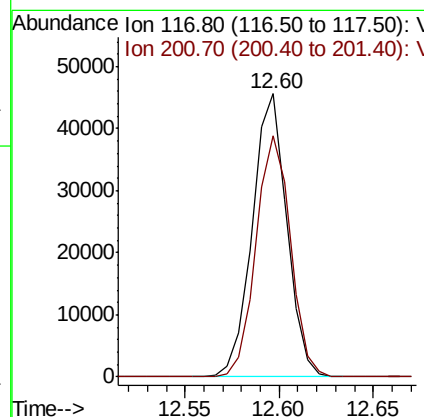
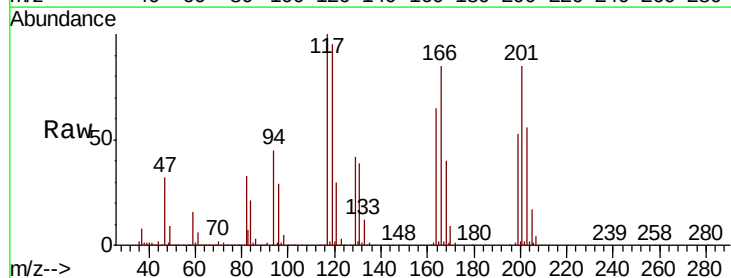
Manual Integrations
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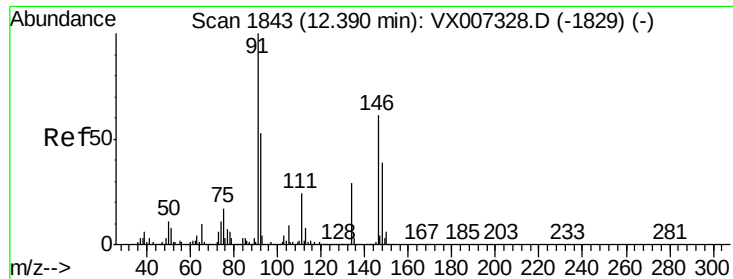
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#90
Hexachloroethane
Concen: 20.335 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.2	44.9	134.7





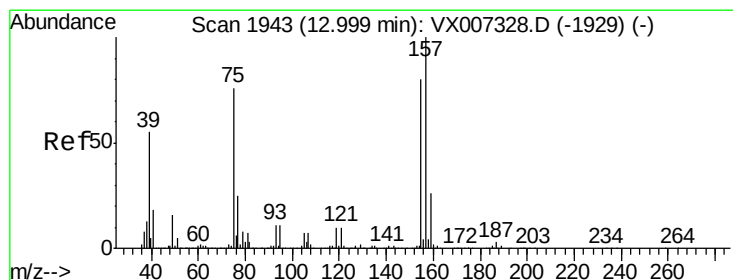
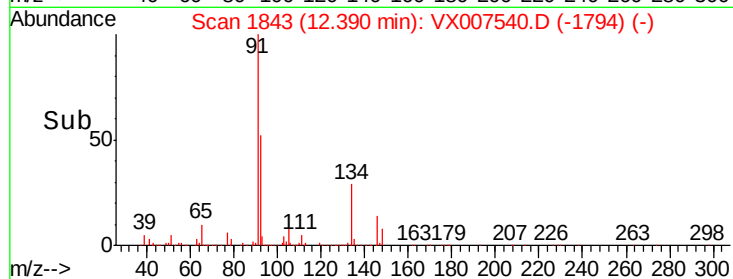
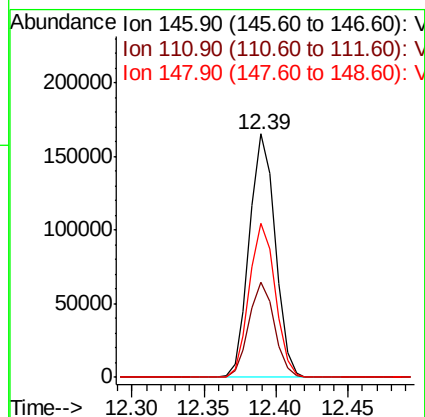
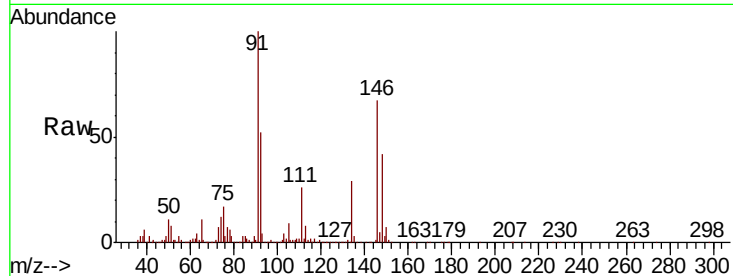
#91
 1,2-Dichlorobenzene
 Concen: 18.971 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007540.D
 Acq: 14 Feb 2019 12:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0215WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.1	57.3
148	63.6	32.1	96.3

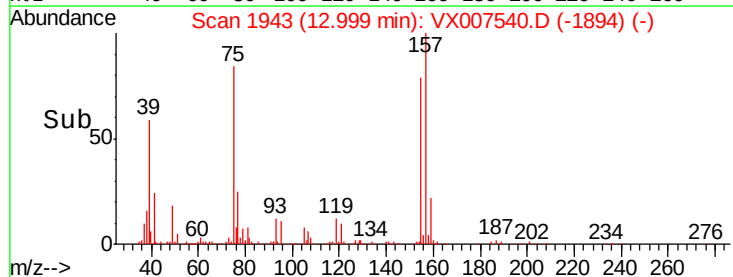
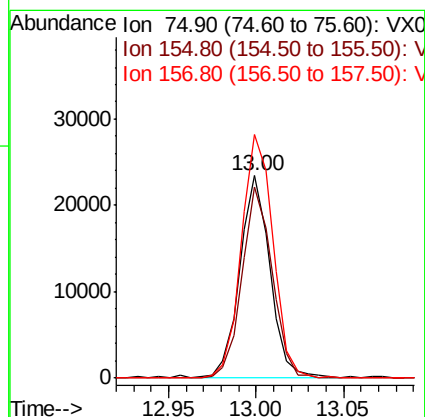
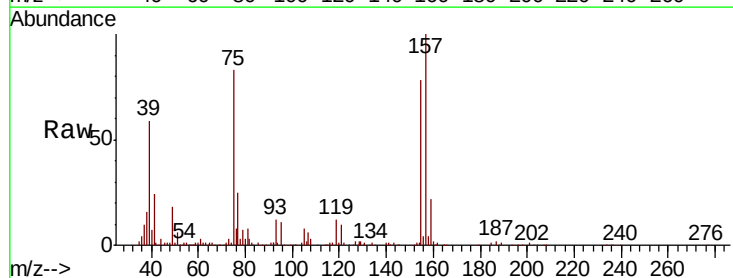
Manual Integrations
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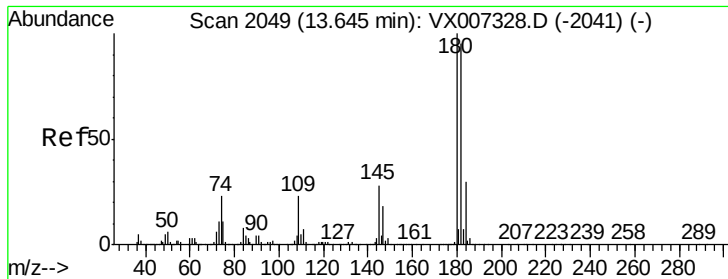
MMDadoda
 2/15/2019 10:10:10 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.791 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007540.D
 Acq: 14 Feb 2019 12:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.0	49.6	149.0
157	125.6	65.1	195.3





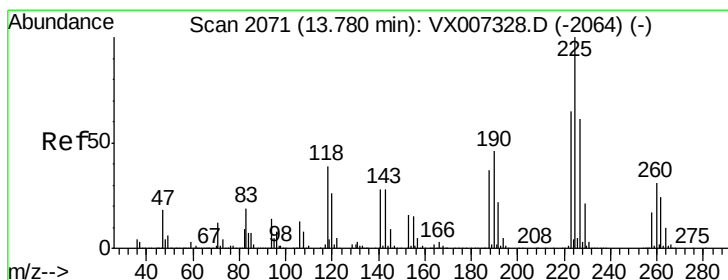
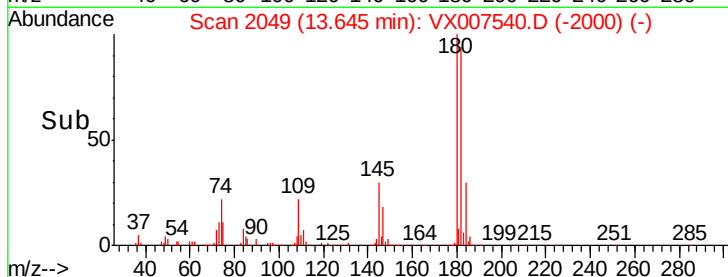
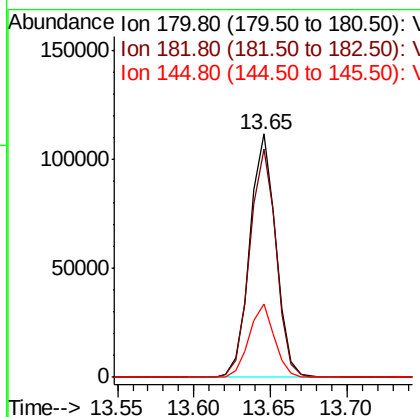
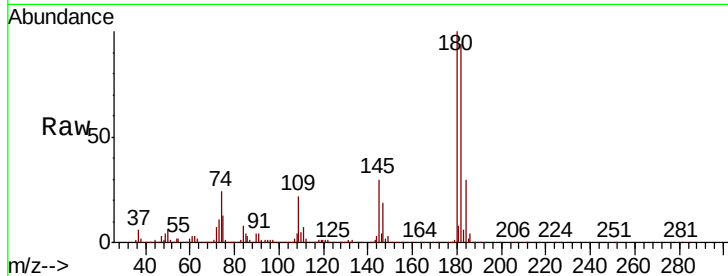
#93
 1,2,4-Trichlorobenzene
 Concen: 18.060 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007540.D
 Acq: 14 Feb 2019 12:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0215WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.8	143.3
145	29.2	14.1	42.2

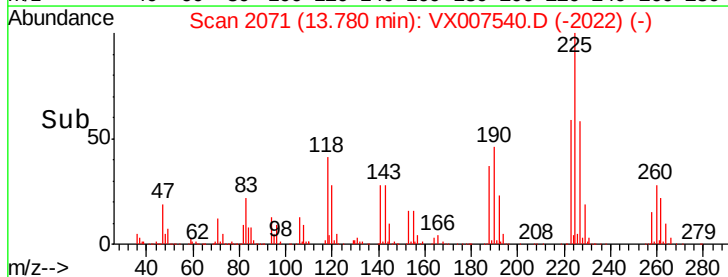
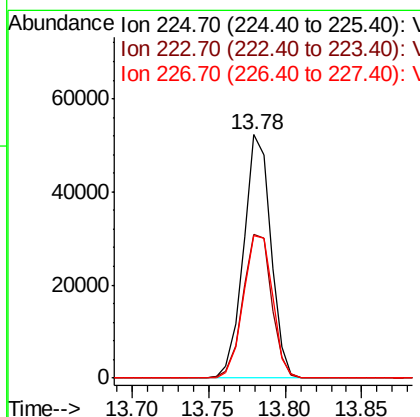
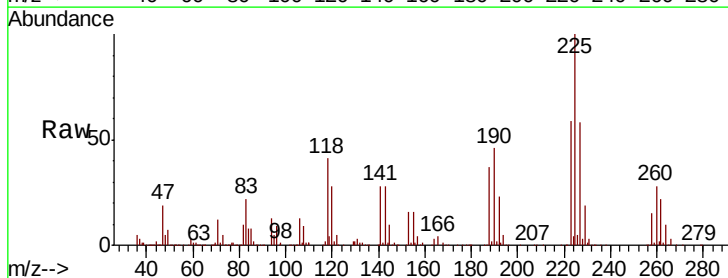
Manual Integrations
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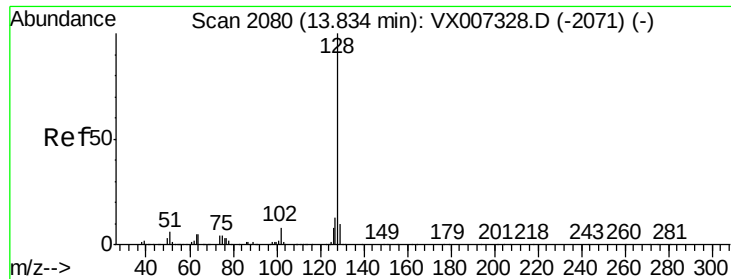
MMDadoda
 2/15/2019 10:10:10 AM



#94
 Hexachlorobutadiene
 Concen: 18.248 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007540.D
 Acq: 14 Feb 2019 12:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	31.6	94.8
227	62.7	32.1	96.3





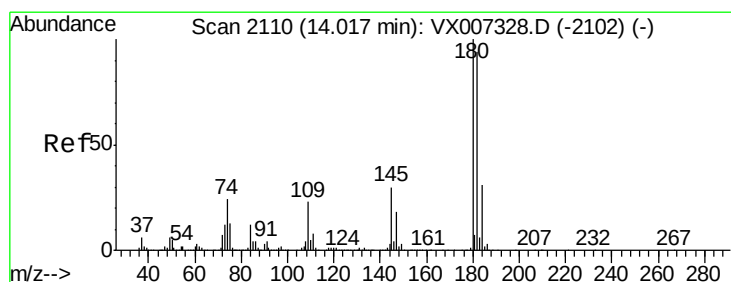
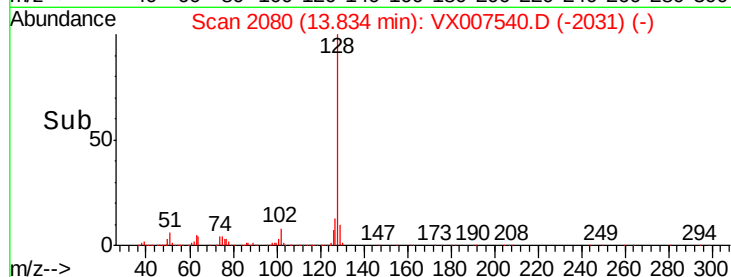
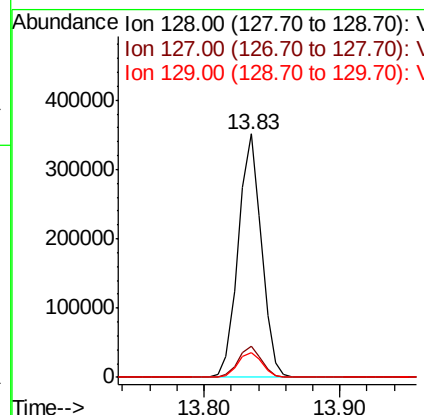
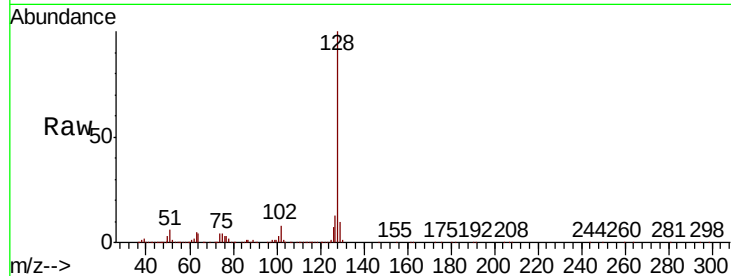
#95
Naphthalene
Concen: 19.498 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0215WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
2/15/2019 10:10:10 AM



#96
1,2,3-Trichlorobenzene
Concen: 17.874 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX007540.D
Acq: 14 Feb 2019 12:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.5	142.6
145	32.1	14.9	44.5

