

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121818\
 Data File : VX006588.D
 Acq On : 18 Dec 2018 10:45
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 12/19/2018 11:21:48 AM

Quant Time: Dec 19 00:47:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 00:31:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	670672	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1047998	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	960134	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	480975	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	7047	1.149	ug/l	97
3) Chloromethane	1.33	50	8236	1.246	ug/l	94
4) Vinyl Chloride	1.41	62	7727	1.119	ug/l	98
5) Bromomethane	1.64	94	10637	1.417	ug/l	91
6) Chloroethane	1.72	64	4895	1.024	ug/l	96
7) Trichlorofluoromethane	1.93	101	11372	1.057	ug/l	93
8) Diethyl Ether	2.19	74	5412	1.266	ug/l	74
9) 1,1,2-Trichlorotrifluoroet	2.39	101	7223	1.143	ug/l	87
12) 1,1-Dichloroethene	2.37	96	6761	1.128	ug/l	93
14) Allyl chloride	2.73	41	10534	1.044	ug/l	97
15) Acrylonitrile	3.14	53	18256	5.097	ug/l	96
16) Acetone	2.44	43	20387	6.139	ug/l	91
17) Carbon Disulfide	2.57	76	19694	1.242	ug/l	96
18) Methyl Acetate	2.77	43	10662	1.092	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	19887	1.000	ug/l	97
20) Methylene Chloride	2.86	84	8509	1.239	ug/l	90
21) trans-1,2-Dichloroethene	3.16	96	8575	1.292	ug/l #	89
22) Diisopropyl ether	3.85	45	18588	1.007	ug/l	93
23) Vinyl Acetate	3.81	43	76043	5.038	ug/l	99
24) 1,1-Dichloroethane	3.70	63	12799	1.162	ug/l	100
25) 2-Butanone	4.68	43	27249	5.833	ug/l	97
26) 2,2-Dichloropropane	4.57	77	9781	1.150	ug/l	90
27) cis-1,2-Dichloroethene	4.59	96	7852	1.072	ug/l	89
28) Bromochloromethane	5.01	49	6681	1.319	ug/l	98
29) Tetrahydrofuran	5.14	42	17655	5.738	ug/l	99
30) Chloroform	5.20	83	12973	1.137	ug/l	93
31) Cyclohexane	5.56	56	11515	1.151	ug/l #	76
32) 1,1,1-Trichloroethane	5.48	97	9608	0.998	ug/l #	39
36) 1,1-Dichloropropene	5.79	75	9391	1.082	ug/l #	87
37) Ethyl Acetate	4.84	43	10528	1.165	ug/l #	87
38) Carbon Tetrachloride	5.77	117	9022	1.070	ug/l	89
39) Methylcyclohexane	7.46	83	13359	1.169	ug/l	93
40) Benzene	6.13	78	28533	1.081	ug/l	99
41) Methacrylonitrile	5.05	41	4553	0.897	ug/l #	72

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 1,2-Dichloroethane	6.19	62	10383	1.155	ug/l	96
43) Isopropyl Acetate	6.46	43	13410	0.976	ug/l #	87
44) Trichloroethene	7.21	130	9421	1.180	ug/l	98
45) 1,2-Dichloropropane	7.51	63	7058	1.099	ug/l	99
46) Dibromomethane	7.66	93	5278	1.118	ug/l	93
47) Bromodichloromethane	7.89	83	8120	1.036	ug/l	85
48) Methyl methacrylate	7.77	41	6499	0.930	ug/l #	87
49) 1,4-Dioxane	7.75	88	5200	26.292	ug/l #	91
51) 4-Methyl-2-Pentanone	8.64	43	42433	4.852	ug/l	100
52) Toluene	8.78	92	17966	1.054	ug/l	95
53) t-1,3-Dichloropropene	9.04	75	7418	0.882	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	7839	0.850	ug/l #	85
55) 1,1,2-Trichloroethane	9.21	97	7441	1.067	ug/l	89
56) Ethyl methacrylate	9.18	69	9405	0.954	ug/l	94
57) 1,3-Dichloropropane	9.37	76	12397	1.104	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.31	63	27411	5.229	ug/l	96
59) 2-Hexanone	9.49	43	31508	4.708	ug/l	94
60) Dibromochloromethane	9.58	129	5091	0.792	ug/l	96
61) 1,2-Dibromoethane	9.67	107	7383	0.995	ug/l	95
64) Tetrachloroethene	9.33	164	8592	1.130	ug/l	92
65) Chlorobenzene	10.13	112	22935	1.129	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	5426	0.856	ug/l #	63
67) Ethyl Benzene	10.25	91	36457	1.098	ug/l	96
68) m/p-Xylenes	10.35	106	26604	2.031	ug/l	98
69) o-Xylene	10.69	106	13614	1.053	ug/l	94
70) Styrene	10.71	104	20317	0.993	ug/l	94
71) Bromoform	10.86	173	3937	0.816	ug/l #	90
73) Isopropylbenzene	11.01	105	34149	1.038	ug/l	100
74) N-amyl acetate	10.90	43	10312	0.876	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.26	83	9405	0.961	ug/l	93
76) 1,2,3-Trichloropropane	11.29	75	7828m	0.919	ug/l	
77) Bromobenzene	11.25	156	9368	1.053	ug/l	94
78) n-propylbenzene	11.36	91	36337	1.003	ug/l	97
79) 2-Chlorotoluene	11.41	91	24160	1.100	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	27351	1.009	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	2243	0.899	ug/l #	81
82) 4-Chlorotoluene	11.51	91	26450	1.050	ug/l	98
83) tert-Butylbenzene	11.77	119	26131	0.963	ug/l	86
84) 1,2,4-Trimethylbenzene	11.80	105	32283	1.132	ug/l	87
85) sec-Butylbenzene	11.94	105	34592	1.040	ug/l	96
86) p-Isopropyltoluene	12.06	119	28180	0.964	ug/l	90
87) 1,3-Dichlorobenzene	12.02	146	16857	1.051	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	18425m	1.120	ug/l	
89) n-Butylbenzene	12.38	91	24040	0.966	ug/l	99
90) Hexachloroethane	12.60	117	3257	0.818	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	17344	1.081	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	2139	1.056	ug/l	74
93) 1,2,4-Trichlorobenzene	13.65	180	11566	1.045	ug/l	91
94) Hexachlorobutadiene	13.78	225	6330	1.214	ug/l	90
95) Naphthalene	13.83	128	40029	1.134	ug/l	99

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ClientSampleId :
VSTDICC001

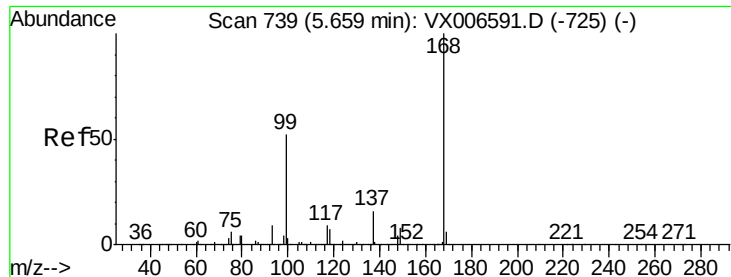
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.02	180	13743	1.203	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX006588.D

Acq: 18 Dec 2018 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 670672

Ion Ratio Lower Upper

168 100

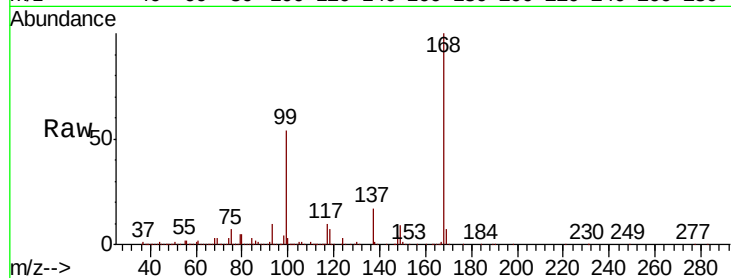
99 54.1 41.8 62.8

Manual Integrations

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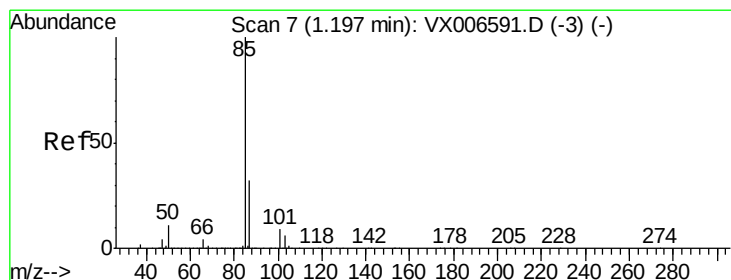
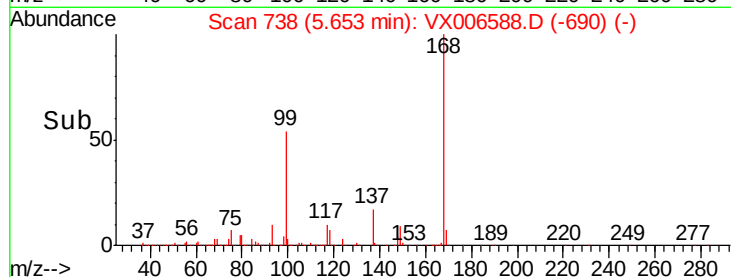
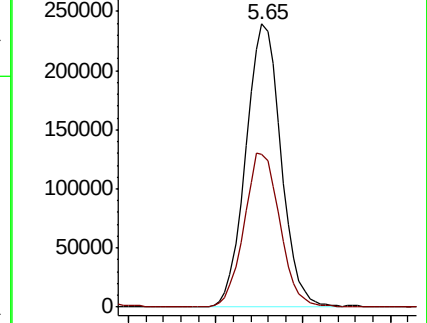
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 1.149 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006588.D

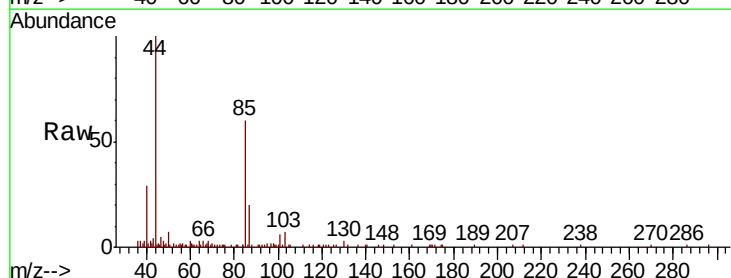
Acq: 18 Dec 2018 10:45

Tgt Ion: 85 Resp: 7047

Ion Ratio Lower Upper

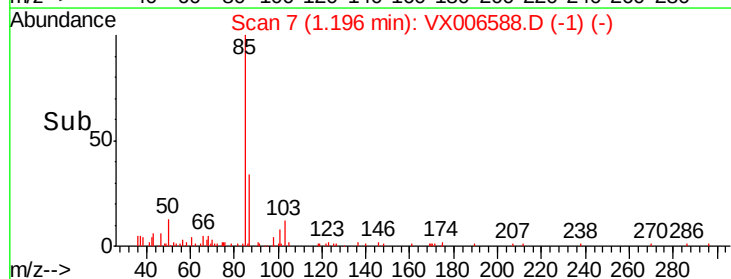
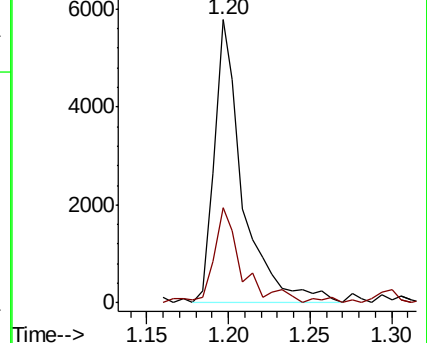
85 100

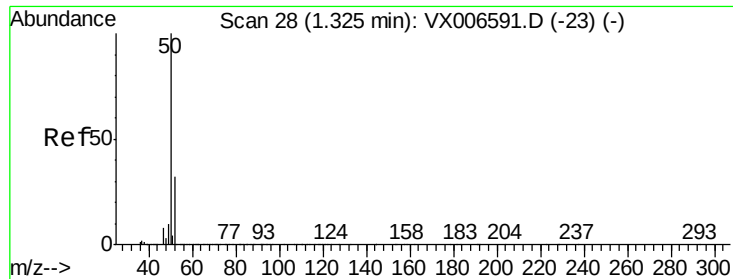
87 33.4 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 1.246 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006588.D

Acq: 18 Dec 2018 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 8236

Ion Ratio Lower Upper

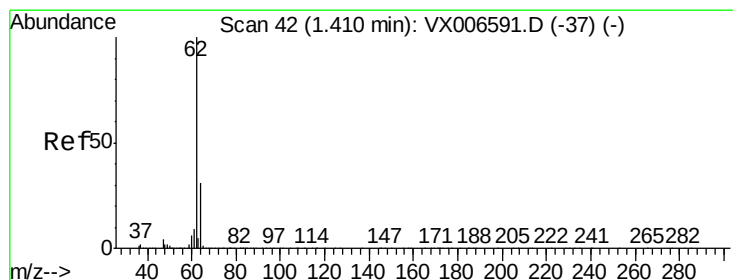
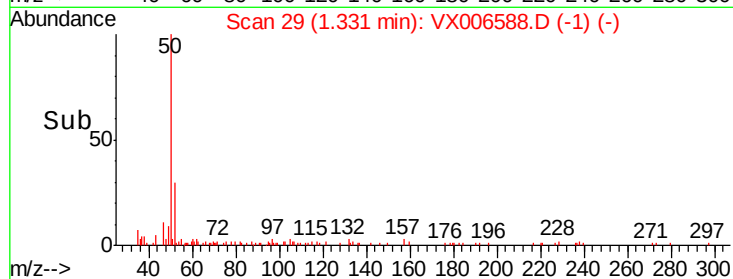
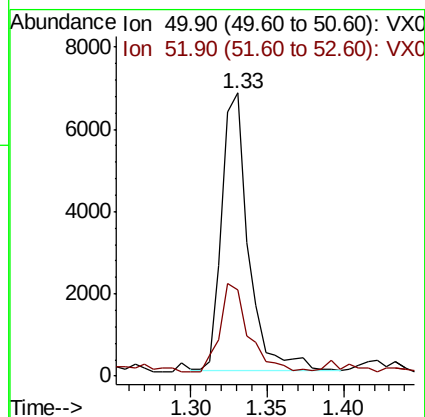
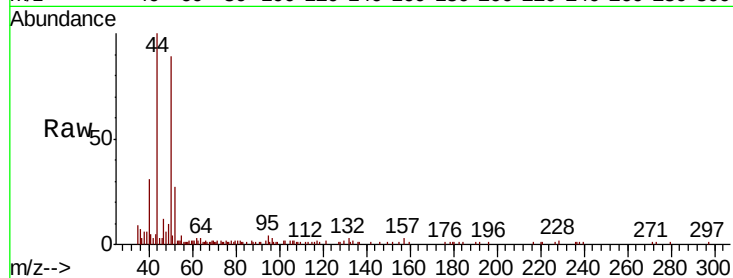
50 100

52 28.4 25.4 38.2

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#4

Vinyl Chloride

Concen: 1.119 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006588.D

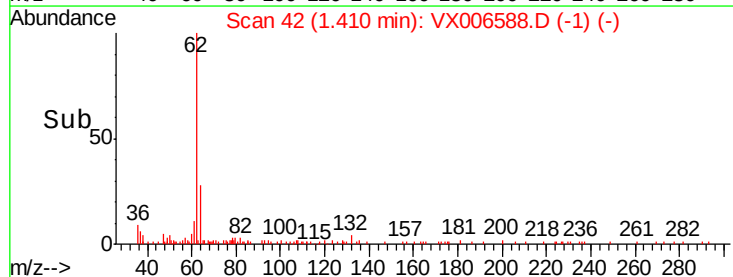
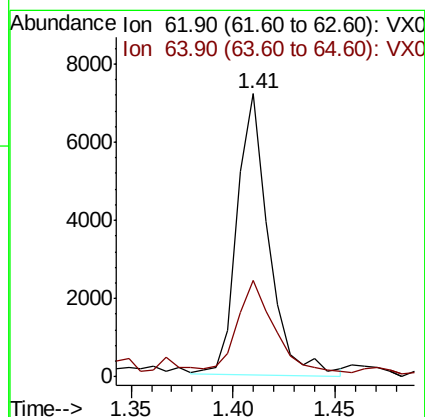
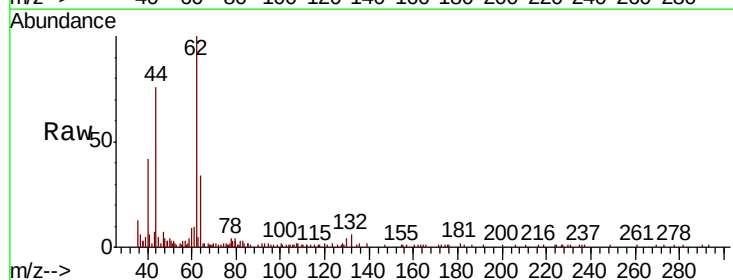
Acq: 18 Dec 2018 10:45

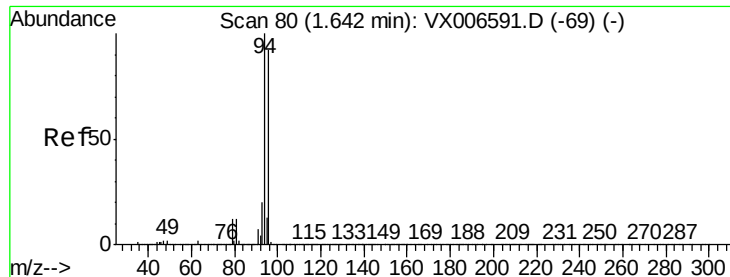
Tgt Ion: 62 Resp: 7727

Ion Ratio Lower Upper

62 100

64 32.5 25.1 37.7





#5

Bromomethane

Concen: 1.417 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX006588.D

Acq: 18 Dec 2018 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 94 Resp: 10637

Ion Ratio Lower Upper

94 100

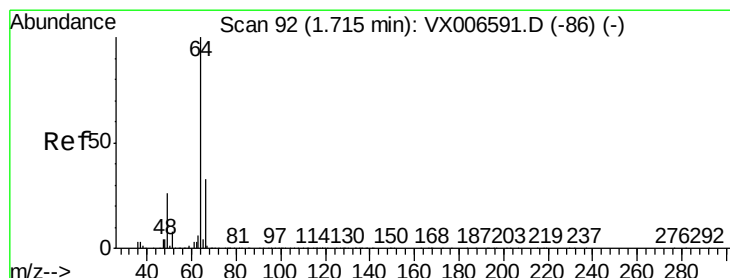
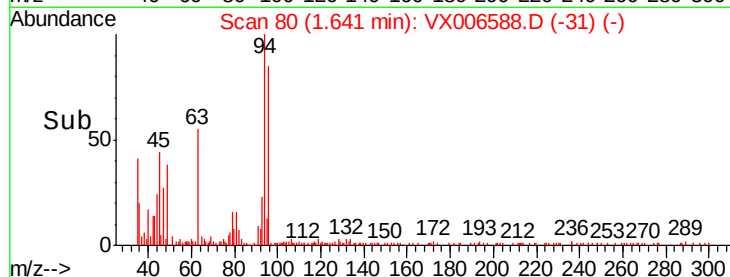
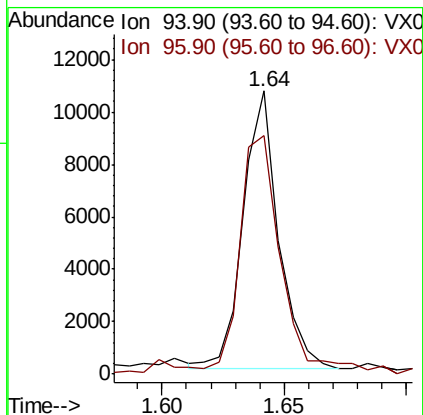
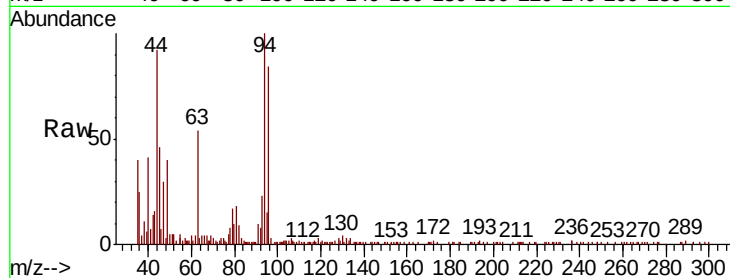
96 83.6 73.4 110.2

Manual Integrations

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#6

Chloroethane

Concen: 1.024 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006588.D

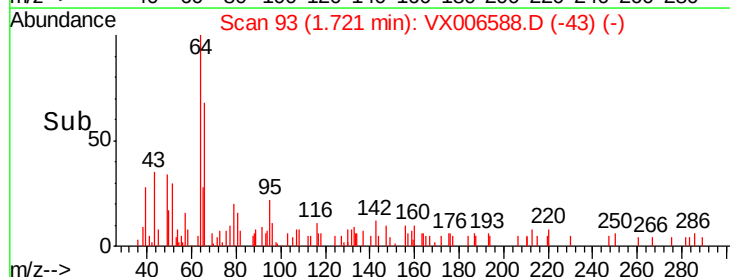
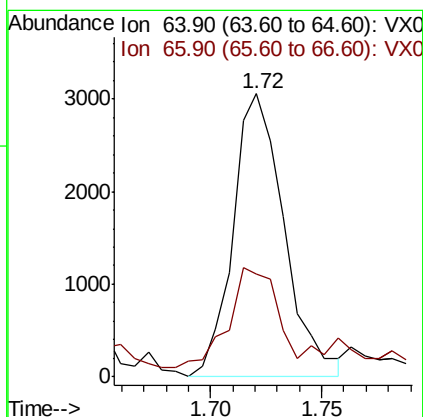
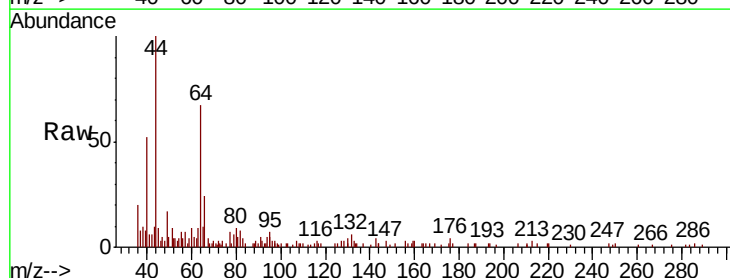
Acq: 18 Dec 2018 10:45

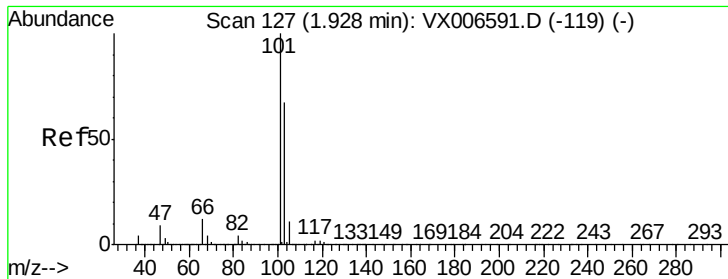
Tgt Ion: 64 Resp: 4895

Ion Ratio Lower Upper

64 100

66 30.8 26.4 39.6





#7

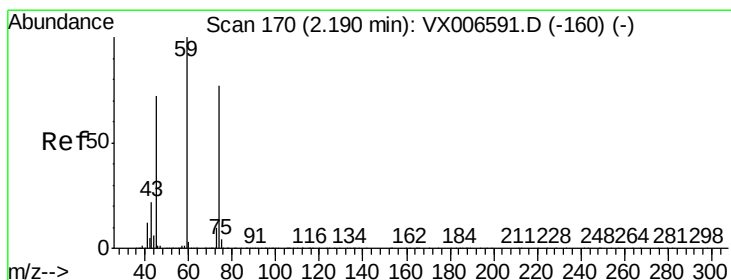
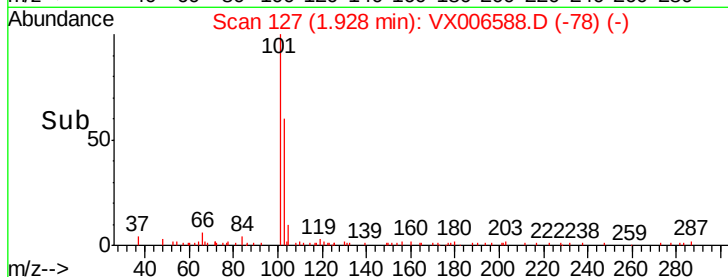
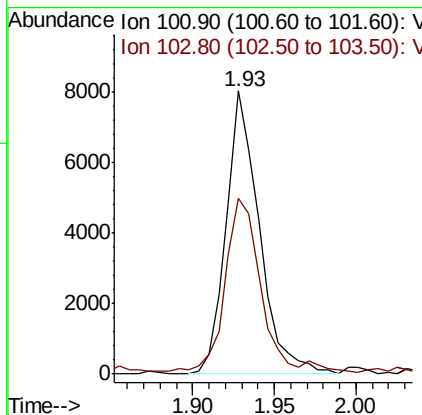
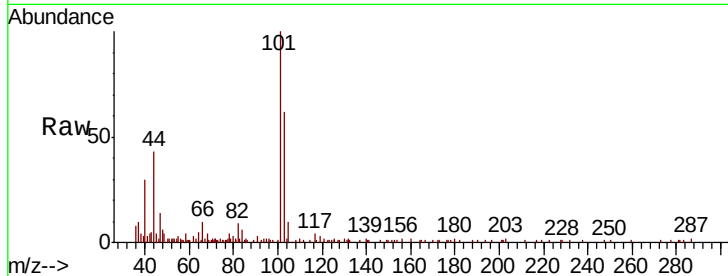
Trichlorofluoromethane
Concen: 1.057 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX006588.D
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ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
101	100		
103	60.7	53.2	79.8

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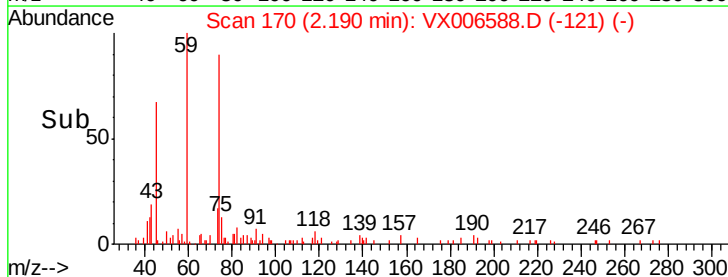
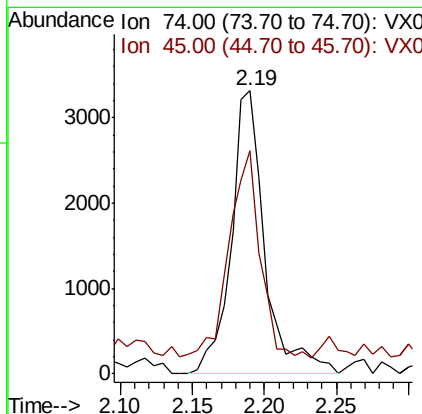
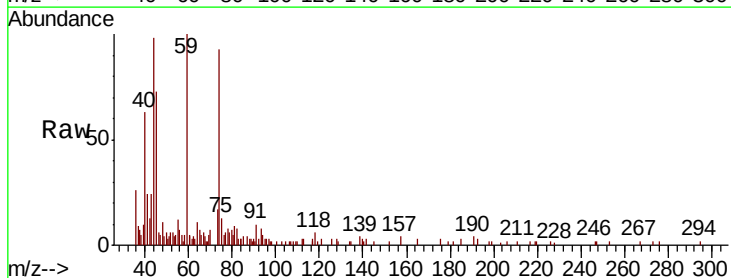
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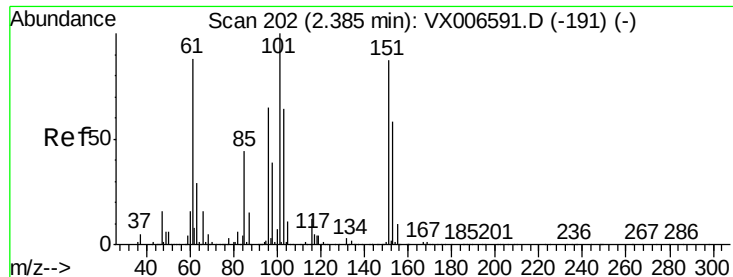


#8

Diethyl Ether
Concen: 1.266 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006588.D
Acq: 18 Dec 2018 10:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	67.3	46.3	138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.143 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX006588.D

Acq: 18 Dec 2018 10:45

Instrument :

MSVOA_X

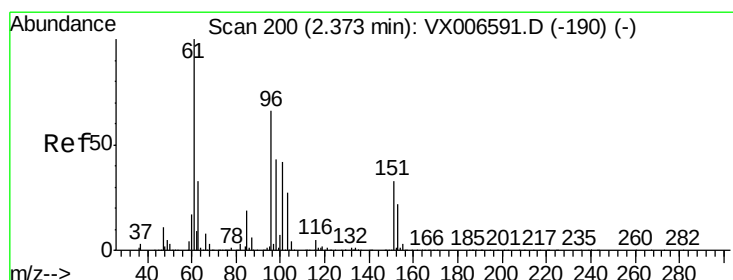
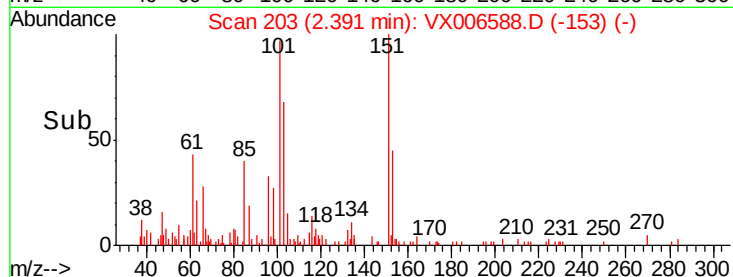
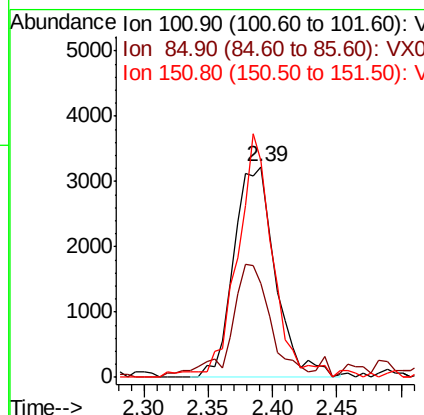
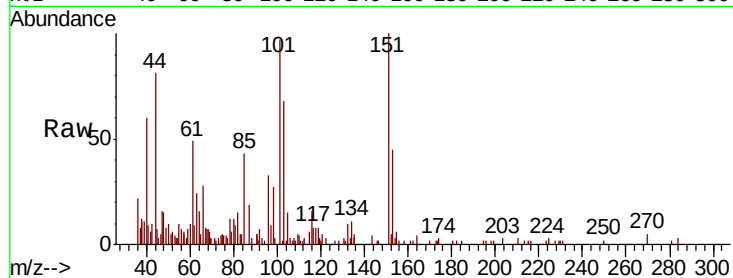
ClientSampleId :

VSTDIC001

Tot Ion:	101	Resp:	7223
Ion Ratio	Lower	Upper	
101	100		
85	51.0	35.1	52.7
151	98.3	68.9	103.3

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#12

1,1-Dichloroethene

Concen: 1.128 ug/l

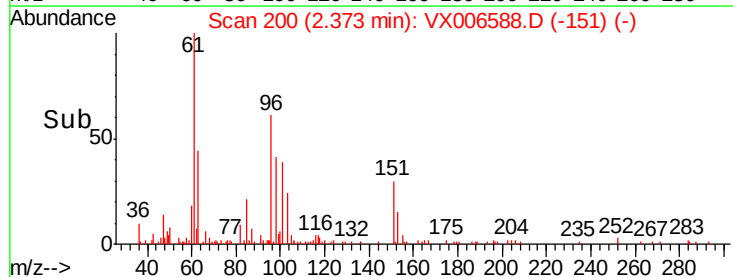
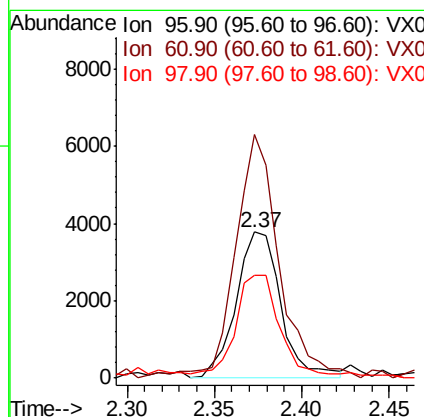
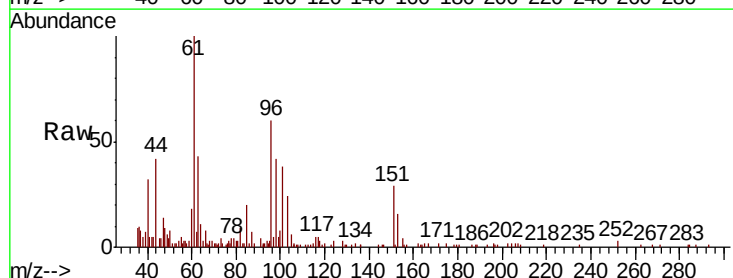
RT: 2.37 min Scan# 200

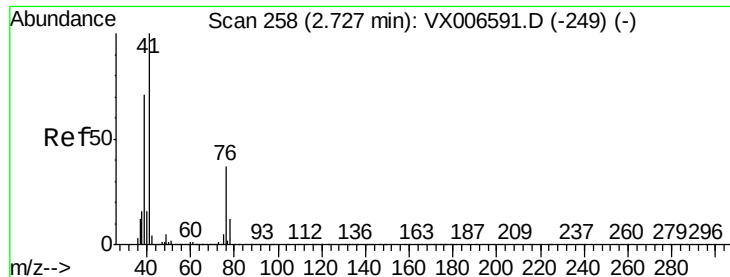
Delta R.T. -0.00 min

Lab File: VX006588.D

Acq: 18 Dec 2018 10:45

Tgt Ion:	96	Resp:	6761
Ion Ratio	Lower	Upper	
96	100		
61	162.7	121.4	182.2
98	68.0	51.9	77.9





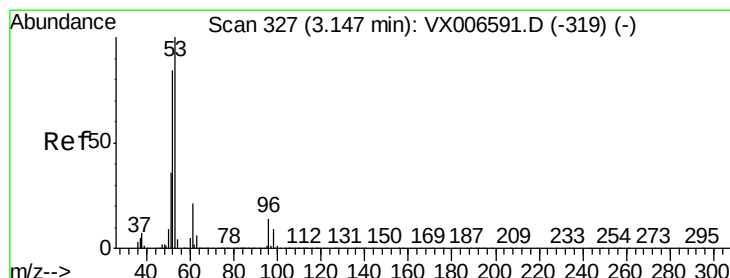
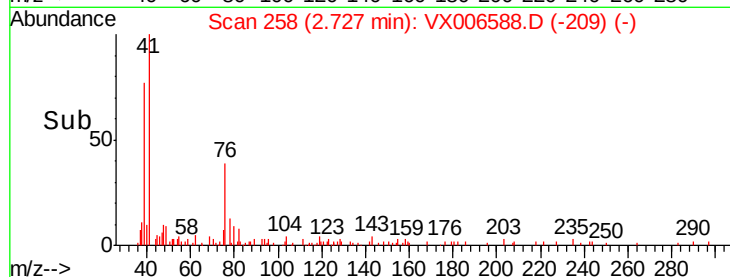
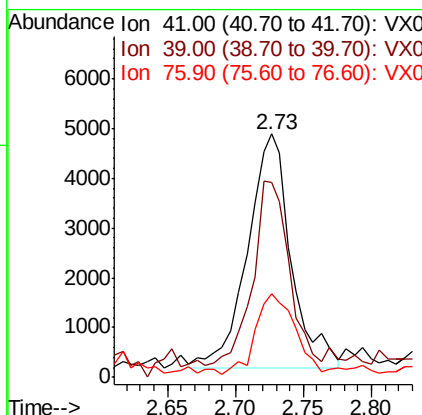
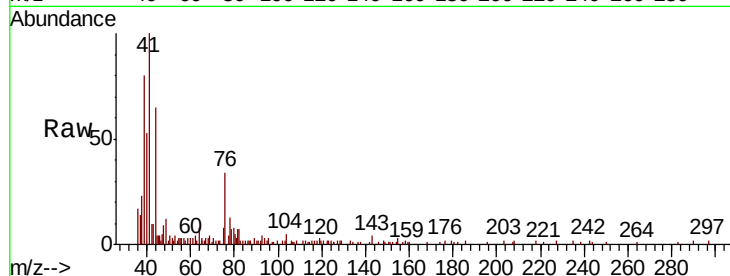
#14
Allvl chloride
Concen: 1.044 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX006588.D
Acq: 18 Dec 2018 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
39	65.5	53.6	80.4
76	31.6	27.4	41.2

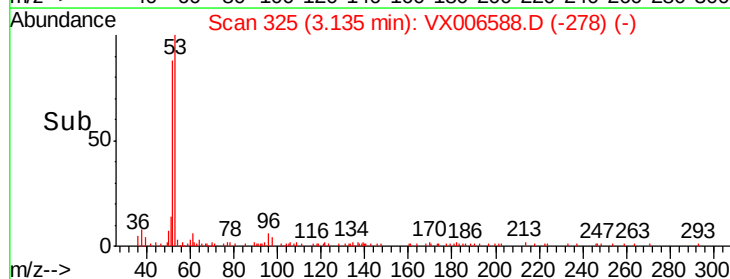
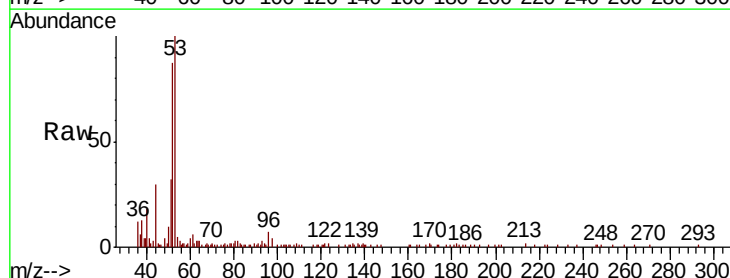
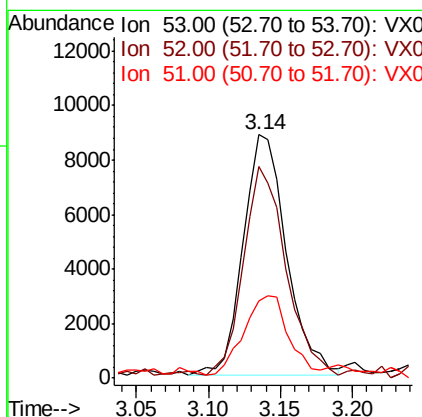
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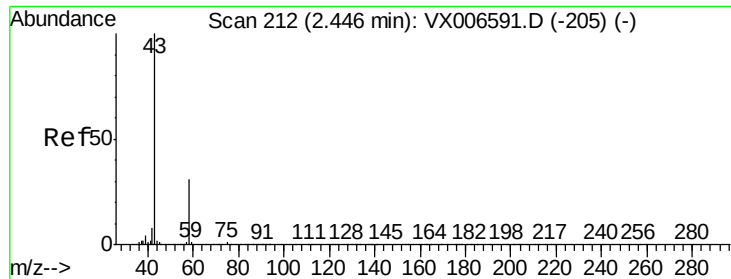
MMDadoda
12/19/2018 11:21:48 AM



#15
Acrylonitrile
Concen: 5.097 ug/l
RT: 3.14 min Scan# 325
Delta R.T. -0.01 min
Lab File: VX006588.D
Acq: 18 Dec 2018 10:45

Tgt Ion	Ratio	Lower	Upper
53	100		
52	85.7	66.0	99.0
51	33.5	28.6	42.8





#16

Acetone

Concen: 6.139 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX006588.D

Acq: 18 Dec 2018 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 20387

Ion Ratio Lower Upper

43 100

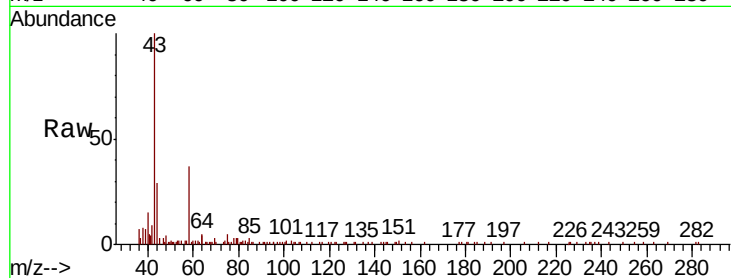
58 36.5 25.0 37.6

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

12000

10000

8000

6000

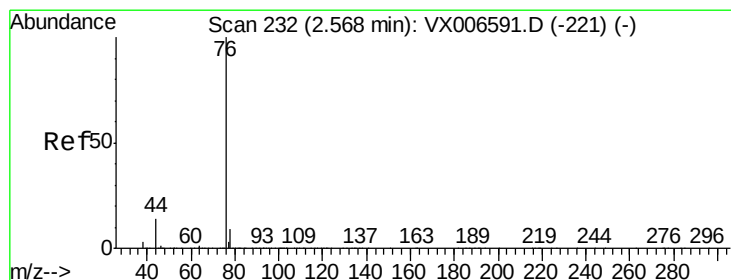
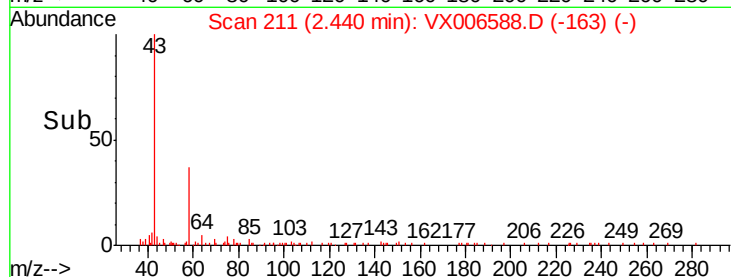
4000

2000

0

2.35 2.40 2.45 2.50

Time-->



#17

Carbon Disulfide

Concen: 1.242 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX006588.D

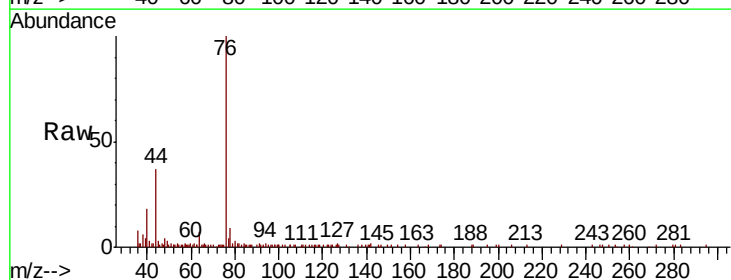
Acq: 18 Dec 2018 10:45

Tgt Ion: 76 Resp: 19694

Ion Ratio Lower Upper

76 100

78 7.4 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

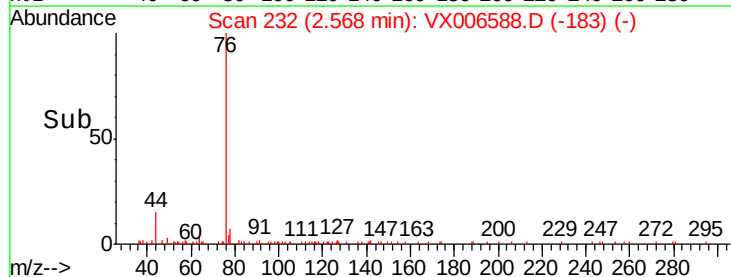
10000

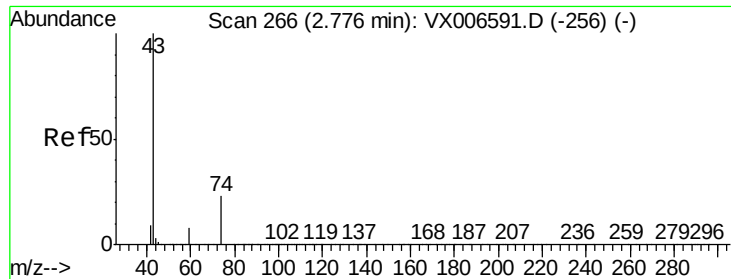
5000

0

2.50 2.55 2.60 2.65

Time-->





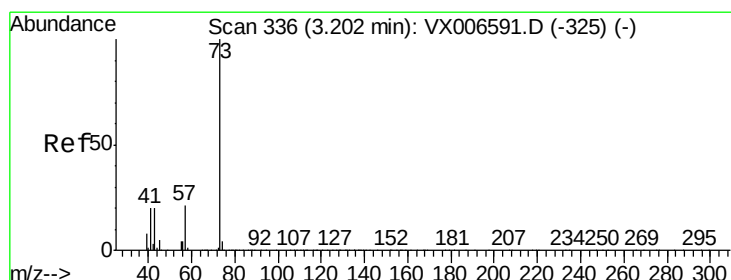
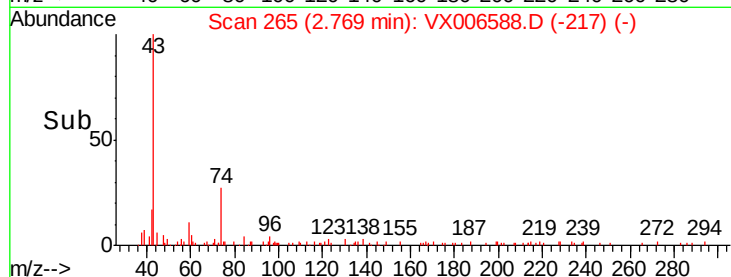
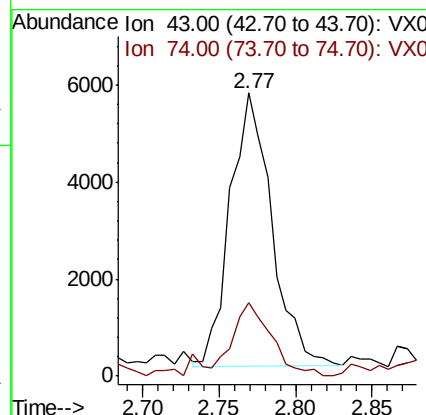
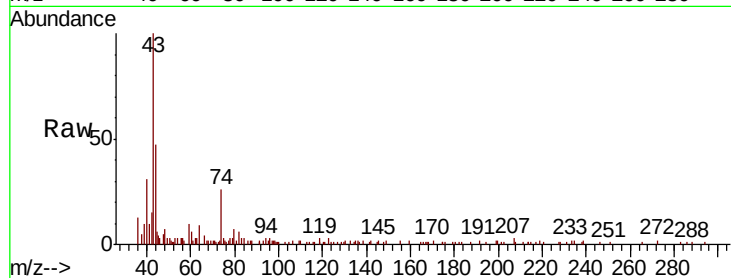
#18
Methyl Acetate
Concen: 1.092 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX006588.D
Acq: 18 Dec 2018 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
43	100		
74	24.8	18.6	28.0

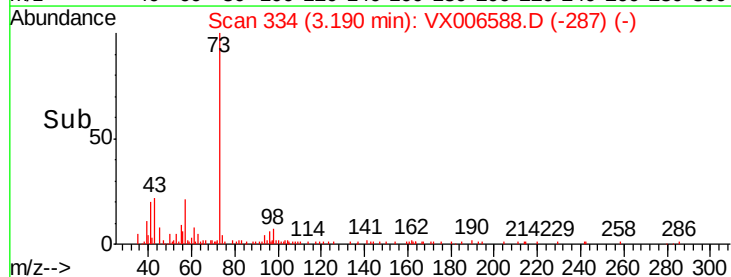
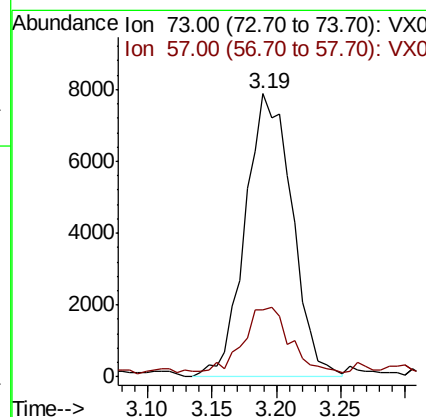
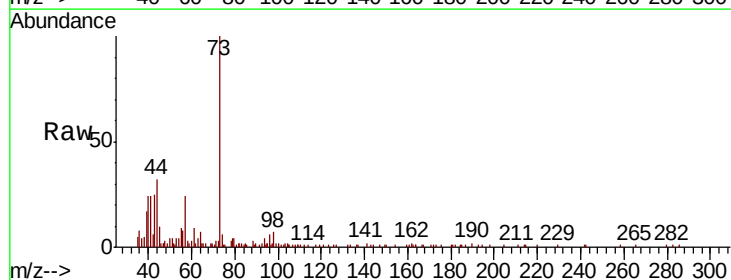
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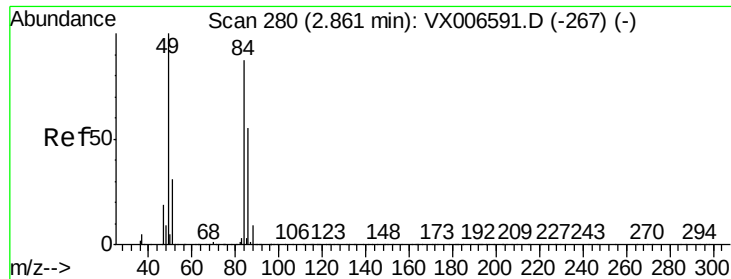
MMDadoda
12/19/2018 11:21:48 AM



#19
Methyl tert-butyl Ether
Concen: 1.000 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX006588.D
Acq: 18 Dec 2018 10:45

Tgt Ion	Ratio	Lower	Upper
73	100		
57	22.2	16.8	25.2





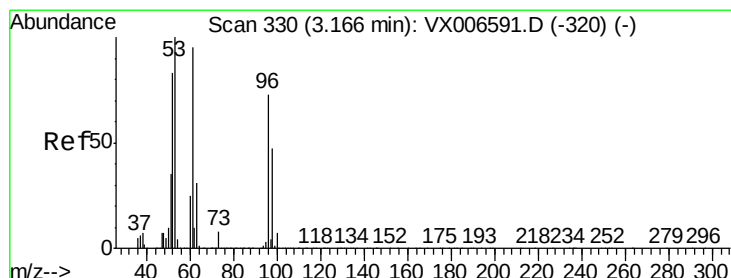
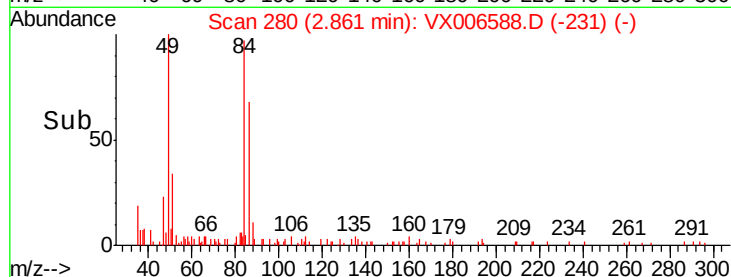
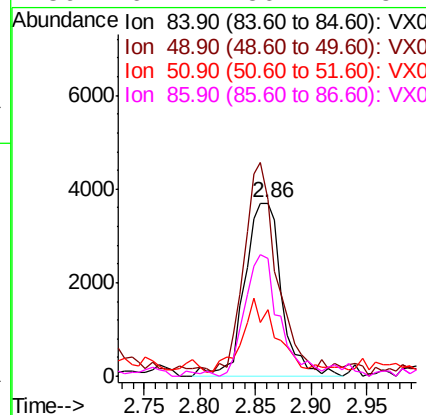
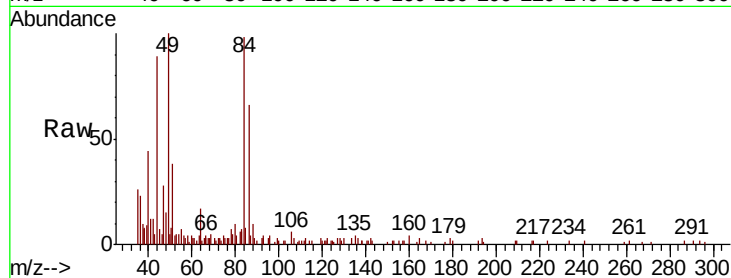
#20
Methylene Chloride
Concen: 1.239 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006588.D
Acq: 18 Dec 2018 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:	84	Resp:	8509
Ion	Ratio	Lower	Upper
84	100		
49	97.7	91.8	137.6
51	33.6	28.5	42.7
86	64.4	50.2	75.2

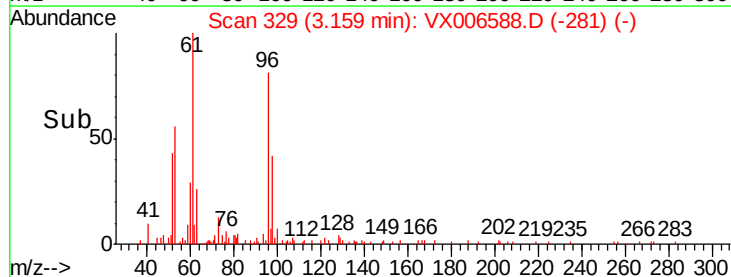
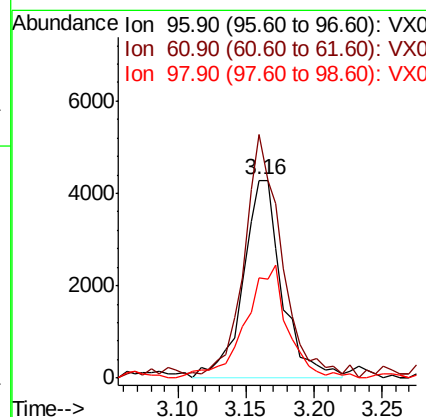
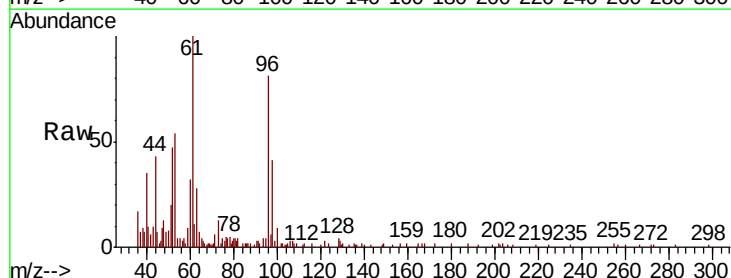
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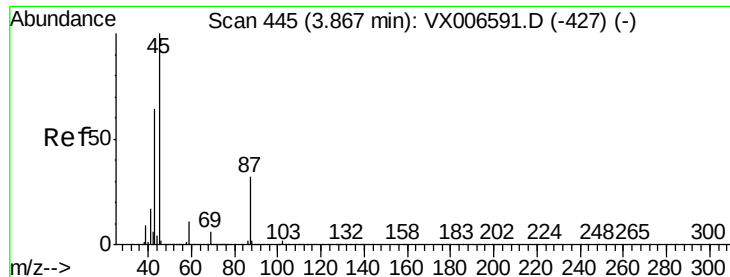
MMDadoda
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#21
trans-1,2-Dichloroethene
Concen: 1.292 ug/l
RT: 3.16 min Scan# 329
Delta R.T. -0.01 min
Lab File: VX006588.D
Acq: 18 Dec 2018 10:45

Tgt Ion:	96	Resp:	8575
Ion	Ratio	Lower	Upper
96	100		
61	121.0	103.7	155.5
98	49.3	51.0	76.6#





#22

Diisopropyl ether

Concen: 1.007 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX006588.D

Acq: 18 Dec 2018 10:45

Instrument :

MSVOA_X

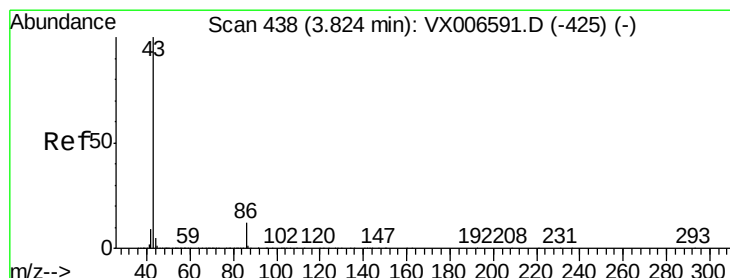
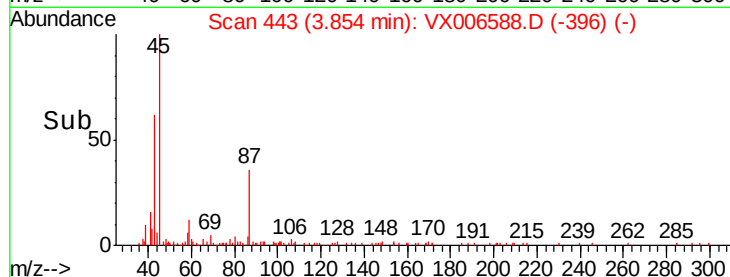
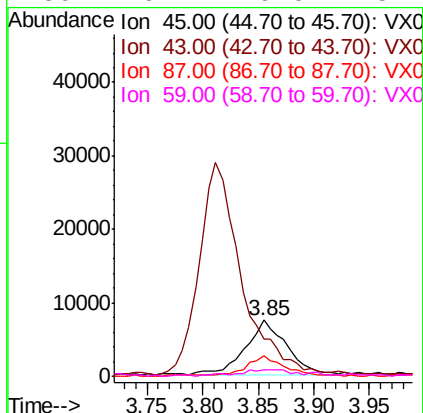
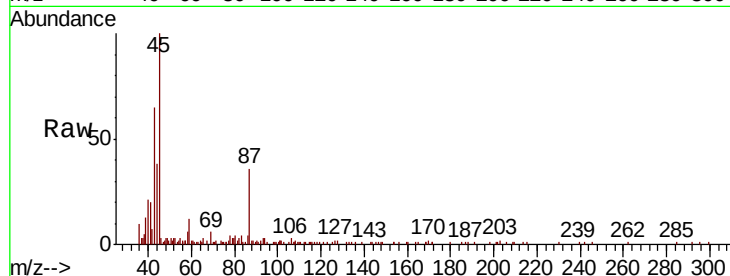
ClientSampleId :

VSTDIC001

Tot Ion	Ion	Ratio	Lower	Upper
45	100			
43	57.7	51.2	76.8	
87	35.4	25.8	38.6	
59	10.2	9.0	13.4	

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#23

Vinyl Acetate

Concen: 5.038 ug/l

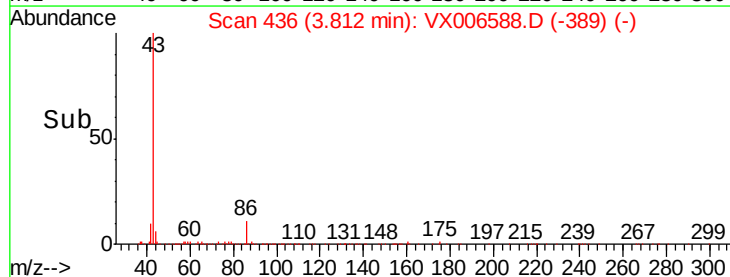
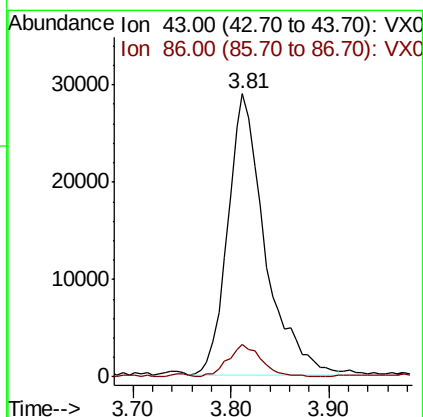
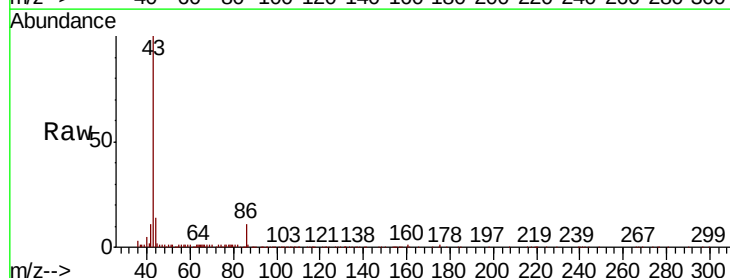
RT: 3.81 min Scan# 436

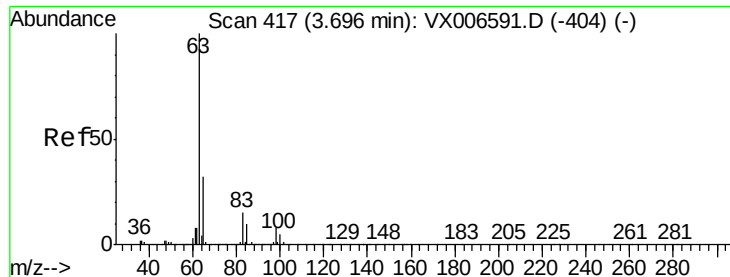
Delta R.T. -0.01 min

Lab File: VX006588.D

Acq: 18 Dec 2018 10:45

Tgt Ion	Ion	Ratio	Lower	Upper
43	100			
86	11.0	9.2	13.8	





#24

1,1-Dichloroethane

Concen: 1.162 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006588.D

Acq: 18 Dec 2018 10:45

Instrument :

MSVOA_X

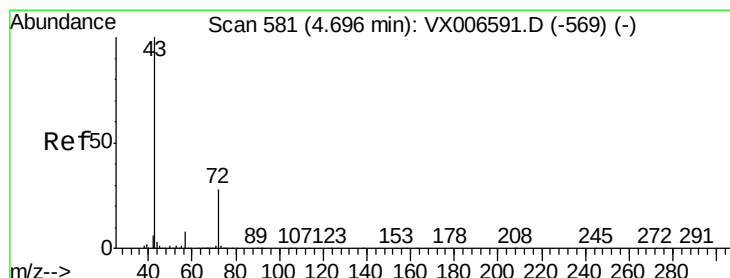
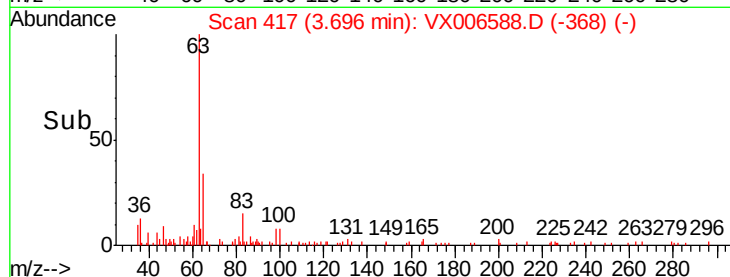
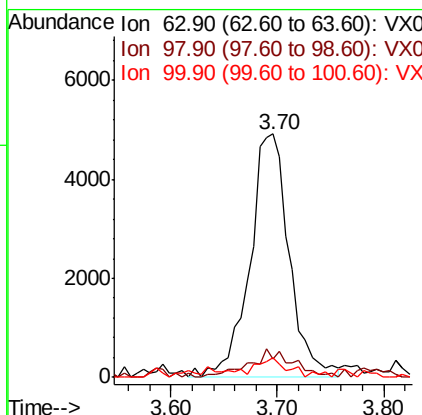
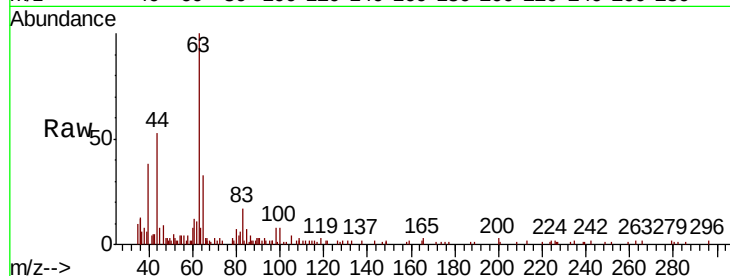
ClientSampleId :

VSTDIC001

Tot Ion:	63	Resp:	12799
Ion Ratio	Lower	Upper	
63	100		
98	7.7	3.9	11.5
100	4.9	2.4	7.2

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#25

2-Butanone

Concen: 5.833 ug/l

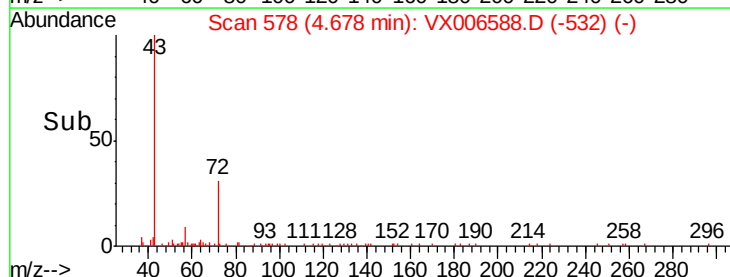
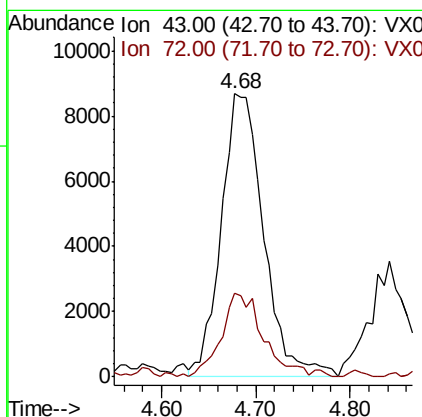
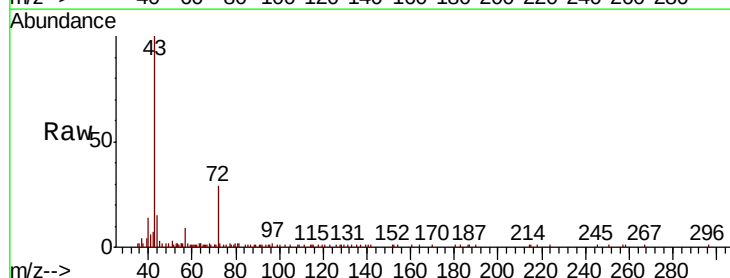
RT: 4.68 min Scan# 578

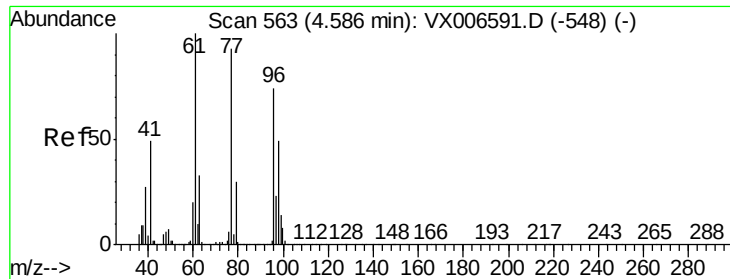
Delta R.T. -0.02 min

Lab File: VX006588.D

Acq: 18 Dec 2018 10:45

Tgt Ion:	43	Resp:	27249
Ion Ratio	Lower	Upper	
43	100		
72	29.5	22.4	33.6





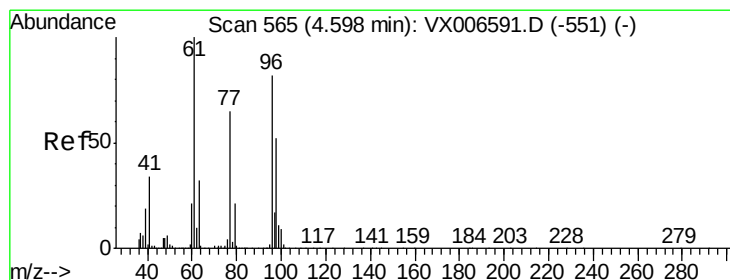
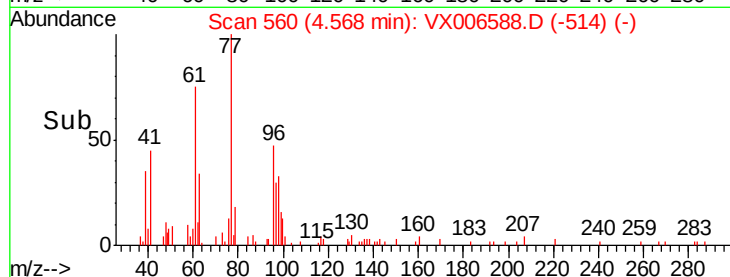
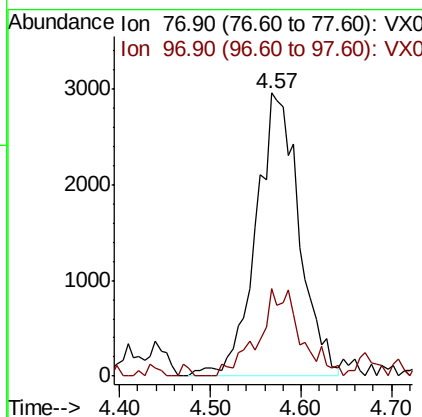
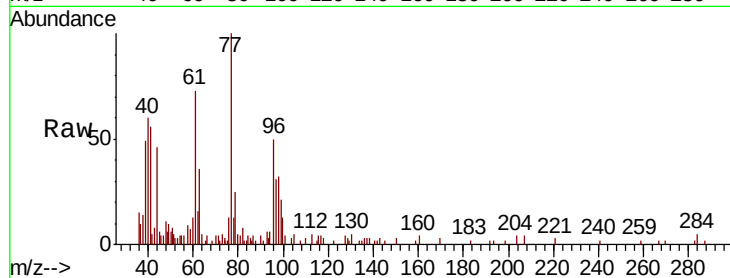
#26
2,2-Dichloropropane
Concen: 1.150 ug/l
RT: 4.57 min Scan# 560
Delta R.T. -0.02 min
Lab File: VX006588.D
Acq: 18 Dec 2018 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
77	100		
97	30.1	12.4	37.4

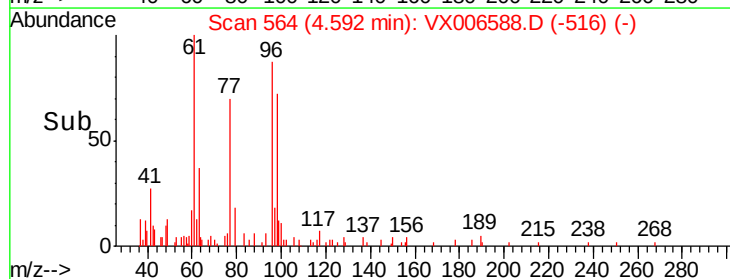
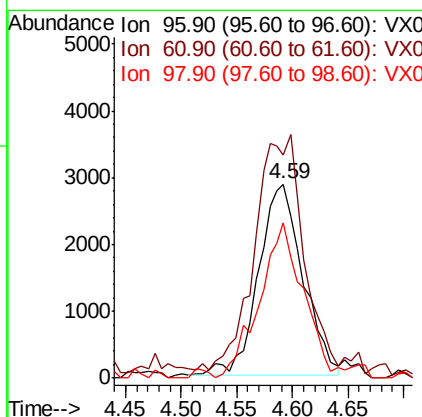
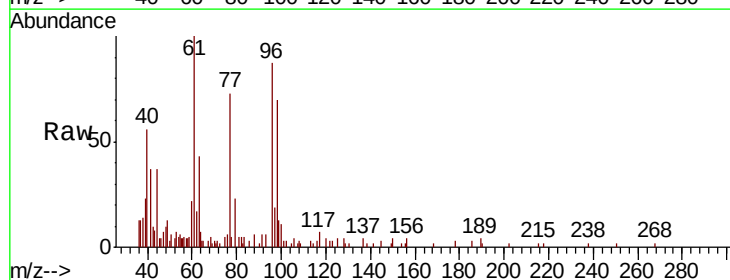
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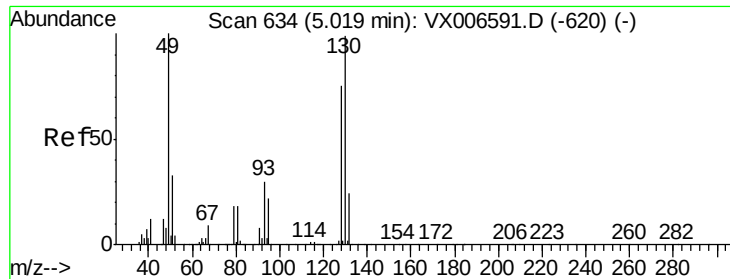
MMDadoda
12/19/2018 11:21:48 AM



#27
cis-1,2-Dichloroethene
Concen: 1.072 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX006588.D
Acq: 18 Dec 2018 10:45

Tgt Ion	Ratio	Lower	Upper
96	100		
61	136.9	0.0	258.6
98	81.5	0.0	132.0





#28

Bromochloromethane

Concen: 1.319 ug/l

RT: 5.01 min Scan# 633

Delta R.T. -0.01 min

Lab File: VX006588.D

Acq: 18 Dec 2018 10:45

Instrument :

MSVOA_X

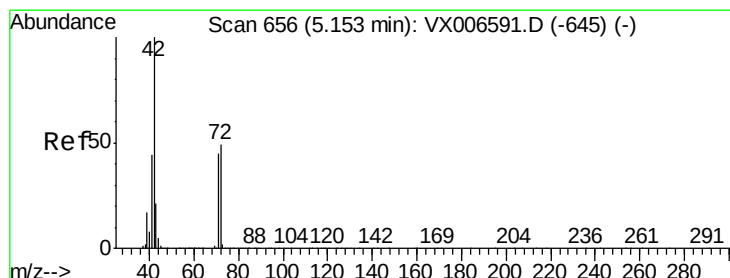
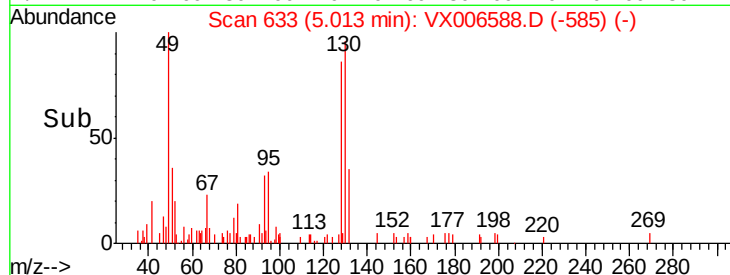
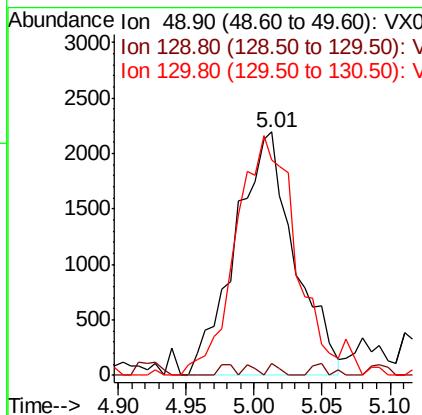
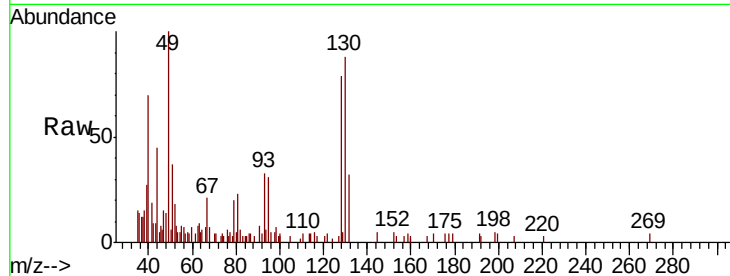
ClientSampleId :

VSTDIC001

Tot Ion:	49	Resp:	6681
Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	5.4
130	98.6	77.7	116.5

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12/19/2018 11:21:48 AM



#29

Tetrahydrofuran

Concen: 5.738 ug/l

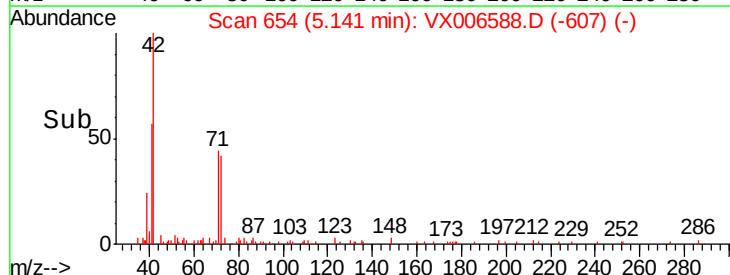
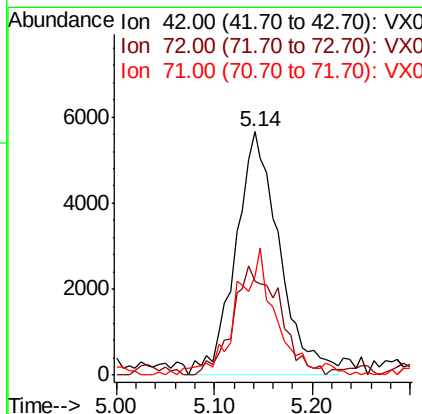
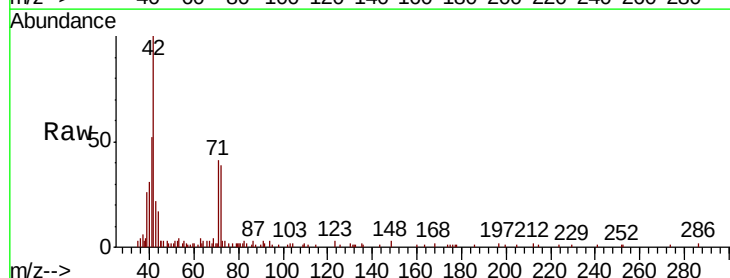
RT: 5.14 min Scan# 654

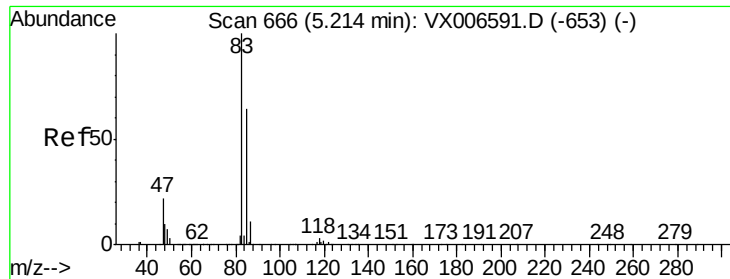
Delta R.T. -0.01 min

Lab File: VX006588.D

Acq: 18 Dec 2018 10:45

Tgt Ion:	42	Resp:	17655
Ion	Ratio	Lower	Upper
42	100		
72	47.5	38.9	58.3
71	46.0	36.2	54.4





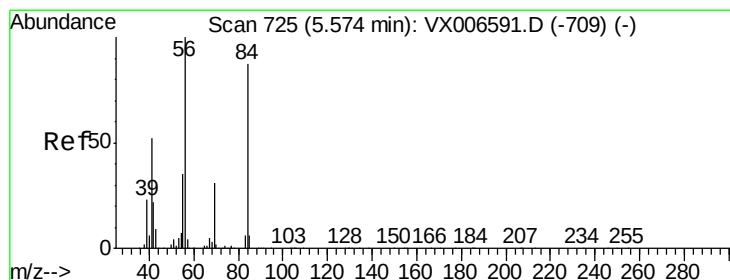
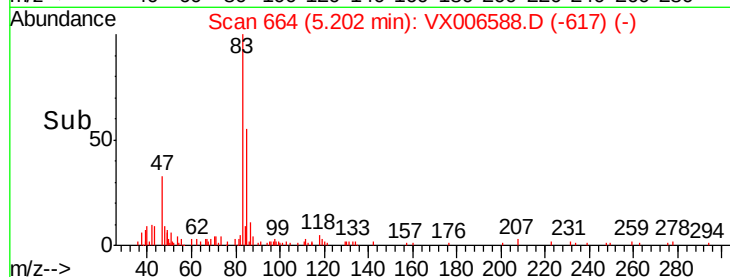
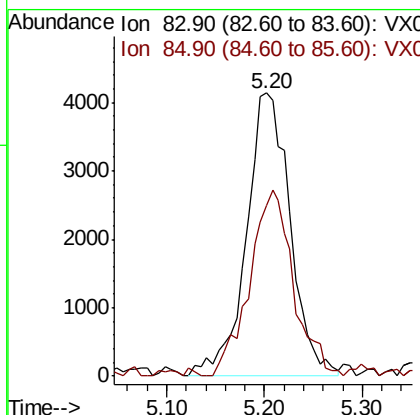
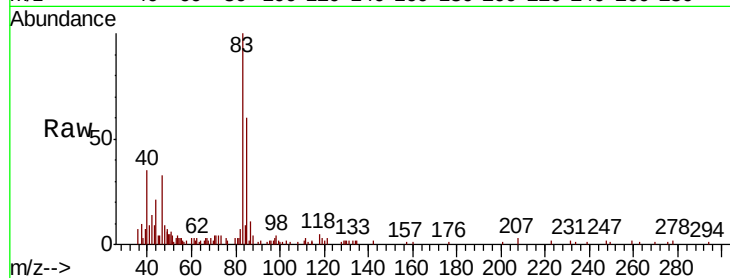
#30
Chloroform
Concen: 1.137 ug/l
RT: 5.20 min Scan# 664
Delta R.T. -0.01 min
Lab File: VX006588.D
Acq: 18 Dec 2018 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
83	100		
85	58.3	51.2	76.8

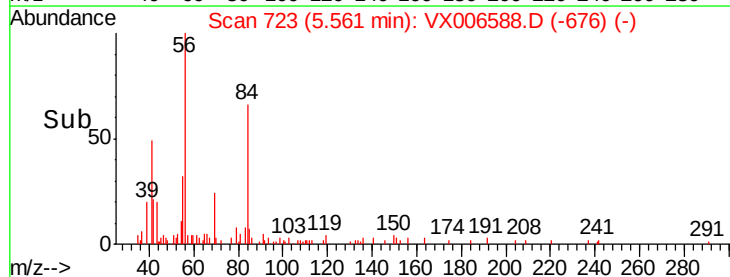
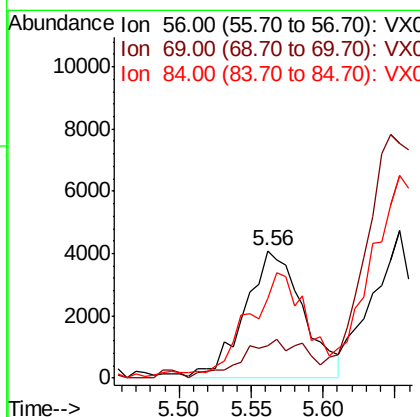
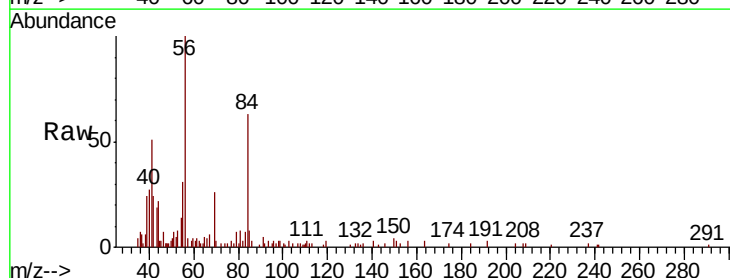
Manual Integrations
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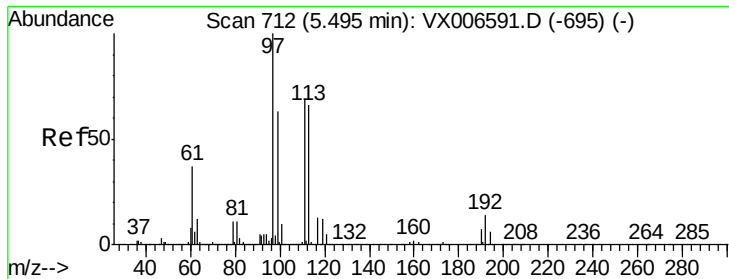
MMDadoda
12/19/2018 11:21:48 AM



#31
Cyclohexane
Concen: 1.151 ug/l
RT: 5.56 min Scan# 723
Delta R.T. -0.01 min
Lab File: VX006588.D
Acq: 18 Dec 2018 10:45

Tgt Ion	Ratio	Lower	Upper
56	100		
69	26.5	24.4	36.6
84	60.2	70.0	105.0#





#32

1,1,1-Trichloroethane

Concen: 0.998 ug/l

RT: 5.48 min Scan# 710

Delta R.T. -0.01 min

Lab File: VX006588.D

Acq: 18 Dec 2018 10:45

Instrument :

MSVOA_X

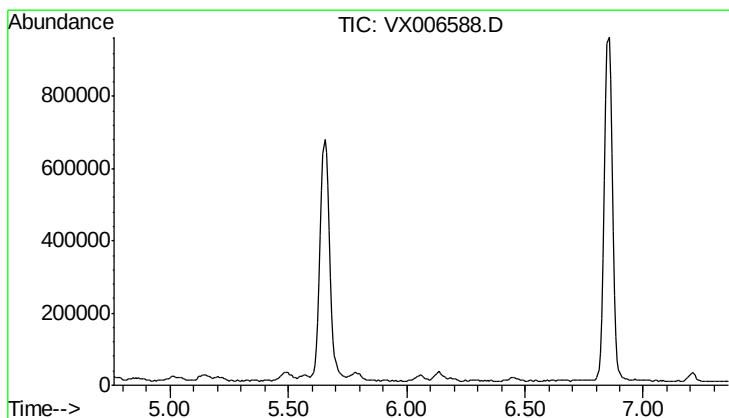
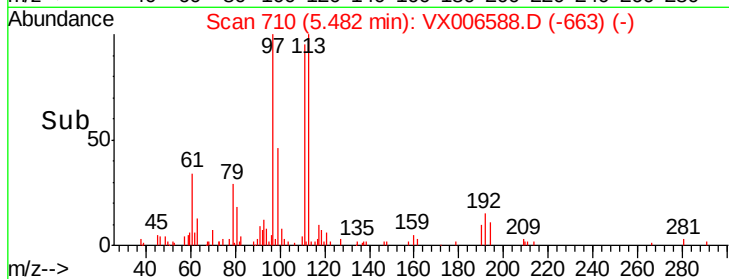
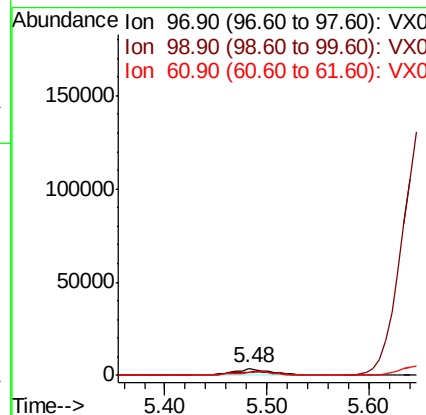
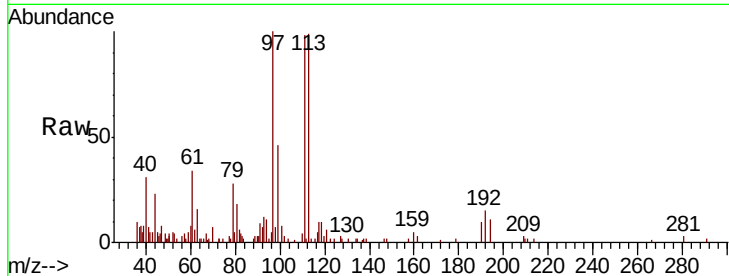
ClientSampleId :

VSTDIC001

Tot Ion:	97	Resp:	9608
Ion Ratio	Lower	Upper	
97	100		
99	0.0	51.7	77.5#
61	54.6	31.3	46.9#

Manual Integrations
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#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 6.06 min

Lab File: VX006588.D

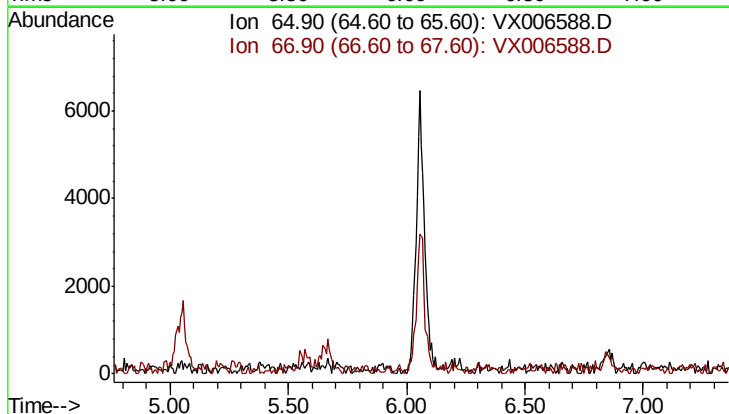
Acq: 18 Dec 2018 10:45

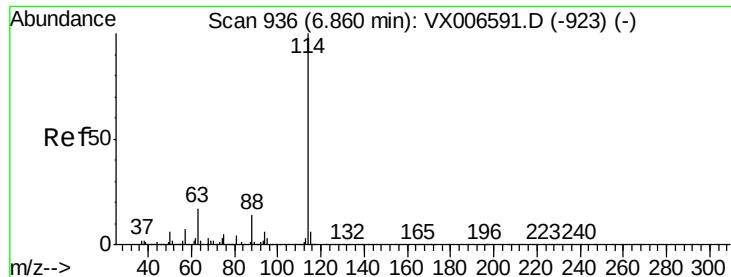
Tgt Ion: 65

Sig Exp Ratio

65 100

67 52.5





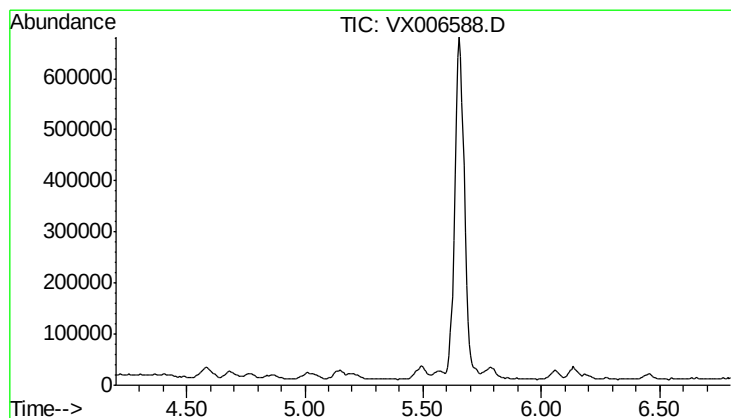
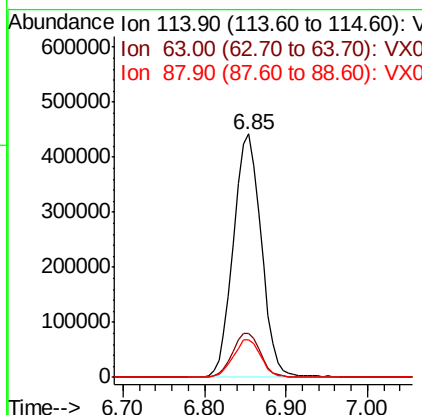
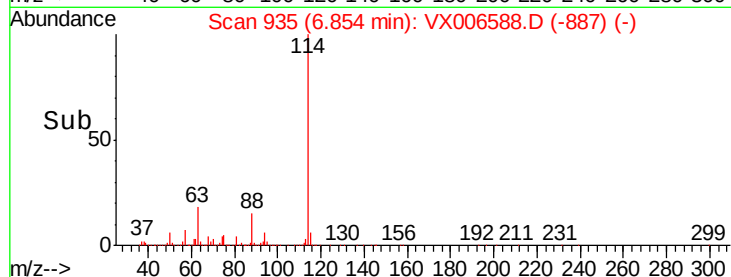
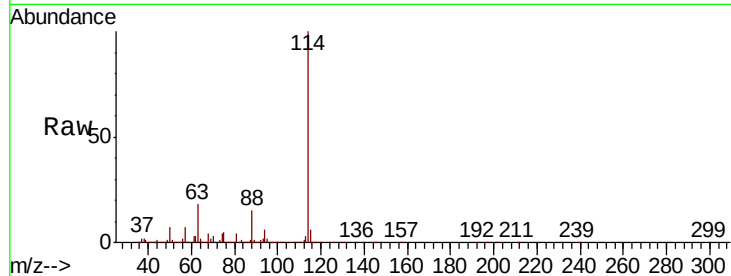
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX006588.D
 Acq: 18 Dec 2018 10:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	34.8
88	15.5	0.0	28.8

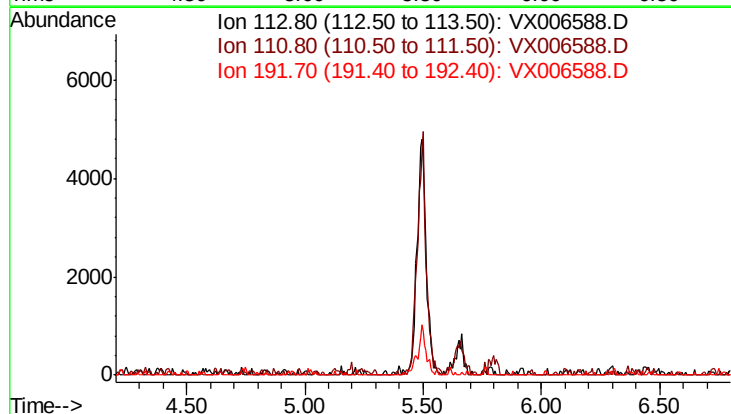
Manual Integrations
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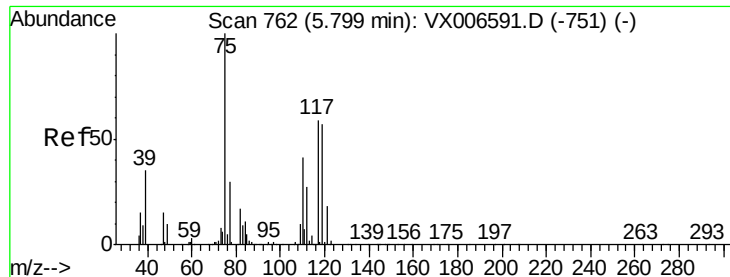
MMDadoda
 12/19/2018 11:21:48 AM



#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 5.50 min
 Lab File: VX006588.D
 Acq: 18 Dec 2018 10:45

Tgt Ion	Exp Ratio
113	100
111	102.0
192	20.9





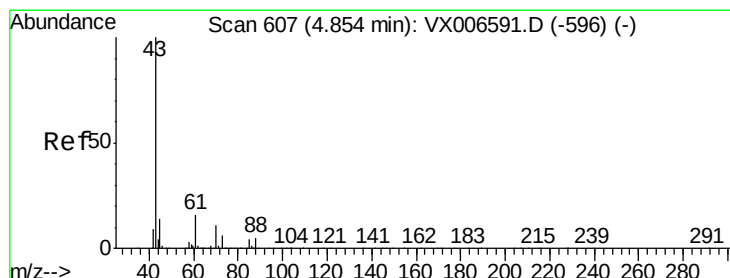
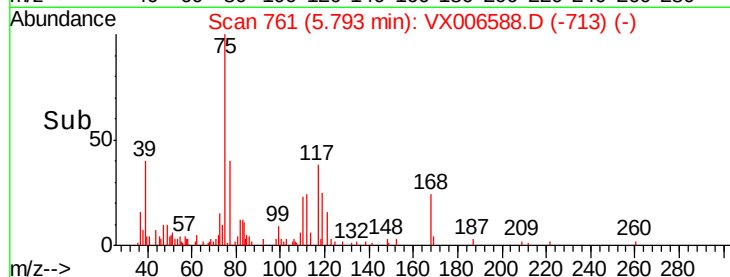
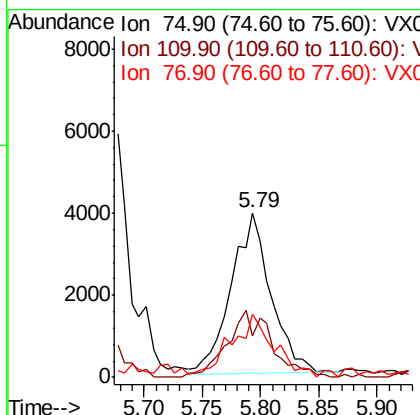
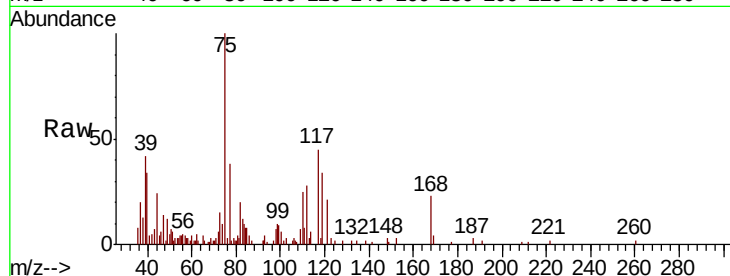
#36
 1,1-Dichloropropene
 Concen: 1.082 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX006588.D
 Acq: 18 Dec 2018 10:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	45.6	20.2	60.5
77	41.8	24.8	37.2#

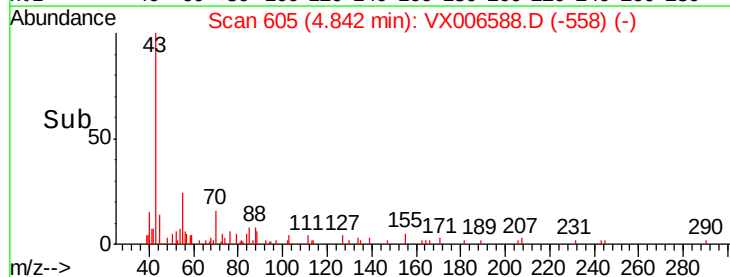
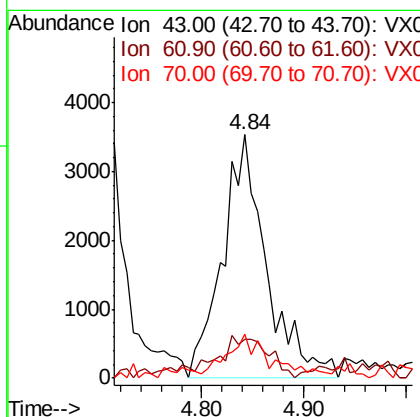
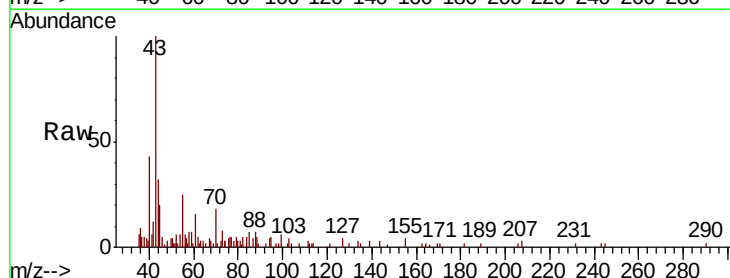
Manual Integrations
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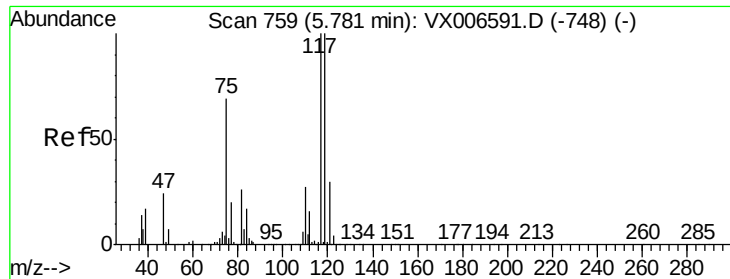
MMDadoda
 12/19/2018 11:21:48 AM



#37
 Ethyl Acetate
 Concen: 1.165 ug/l
 RT: 4.84 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: VX006588.D
 Acq: 18 Dec 2018 10:45

Tgt Ion	Ratio	Lower	Upper
43	100		
61	22.2	11.9	17.9#
70	14.8	9.7	14.5#





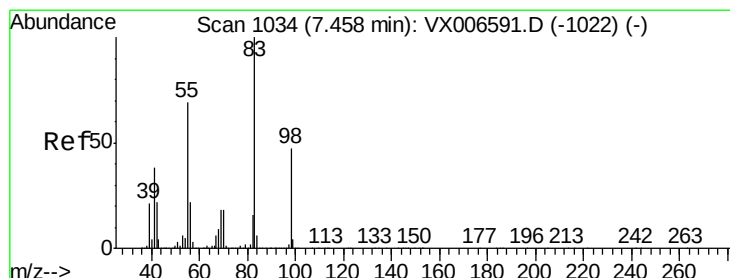
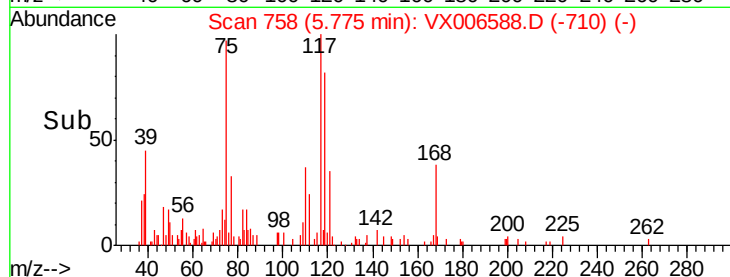
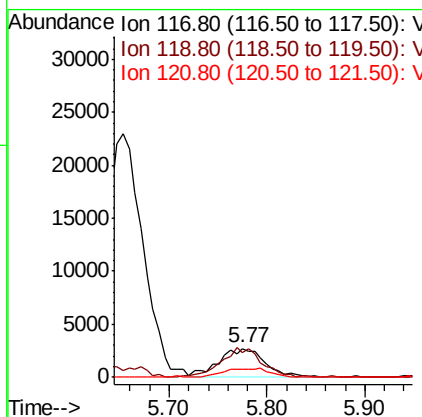
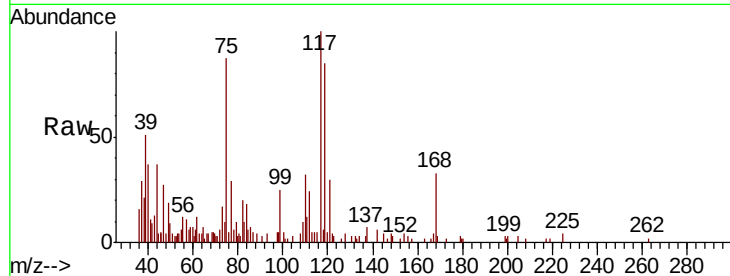
#38
Carbon Tetrachloride
Concen: 1.070 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX006588.D
Acq: 18 Dec 2018 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	85.3	79.4	119.2
121	30.1	24.0	36.0

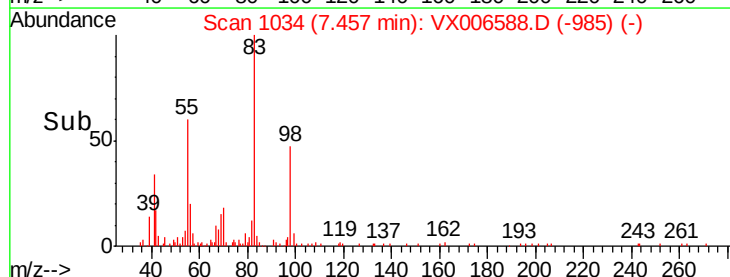
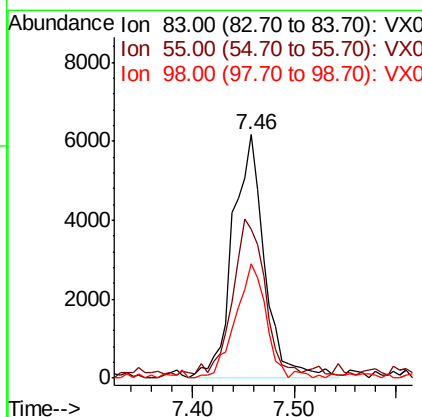
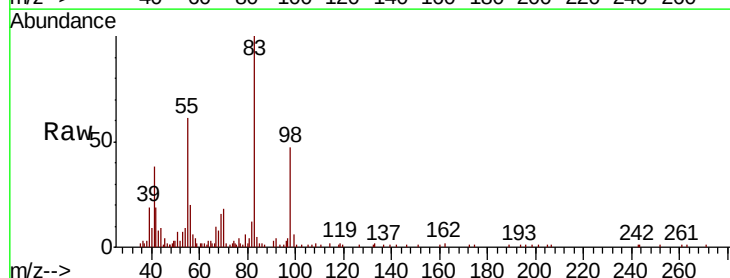
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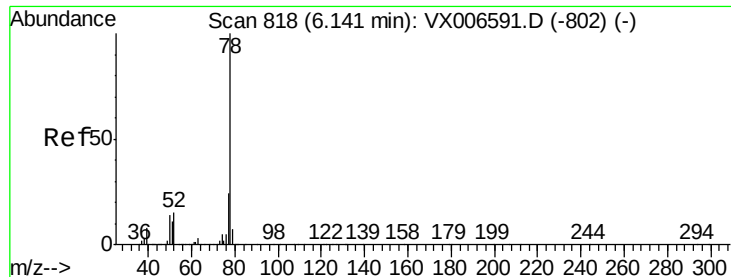
MMDadoda
12/19/2018 11:21:48 AM



#39
Methylcyclohexane
Concen: 1.169 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006588.D
Acq: 18 Dec 2018 10:45

Tgt Ion	Ratio	Lower	Upper
83	100		
55	59.0	54.9	82.3
98	46.9	37.9	56.9





#40

Benzene

Concen: 1.081 ug/l

RT: 6.13 min Scan# 817

Delta R.T. -0.01 min

Lab File: VX006588.D

Acq: 18 Dec 2018 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 28533

Ion Ratio Lower Upper

78 100

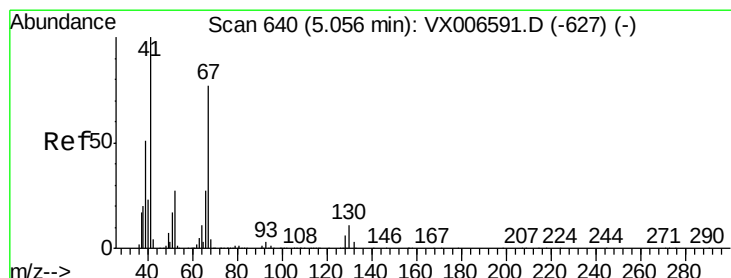
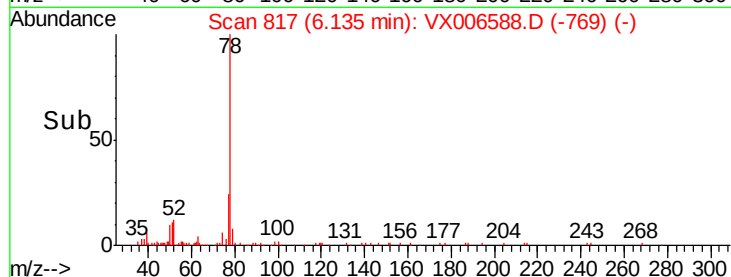
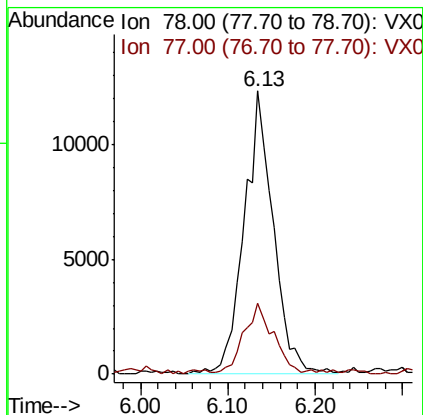
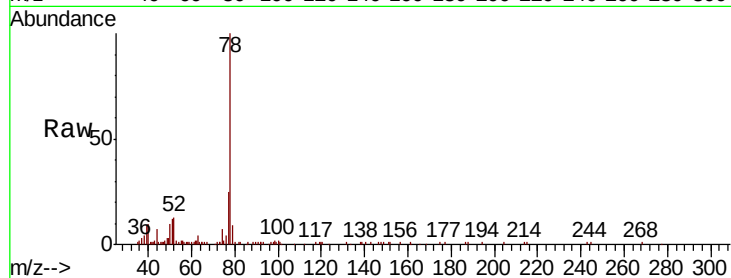
77 24.7 19.2 28.8

Manual Integrations

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#41

Methacrylonitrile

Concen: 0.897 ug/l

RT: 5.05 min Scan# 639

Delta R.T. -0.01 min

Lab File: VX006588.D

Acq: 18 Dec 2018 10:45

Tgt Ion: 41 Resp: 4553

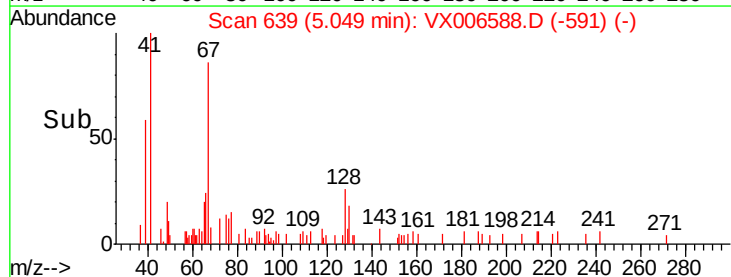
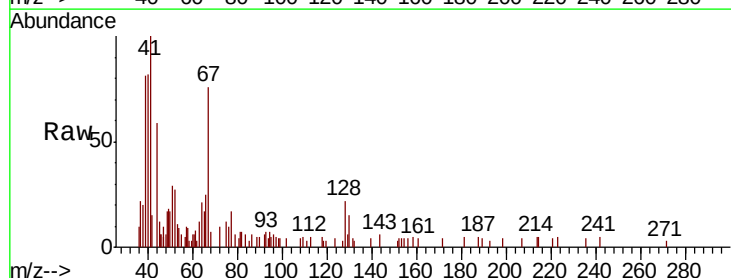
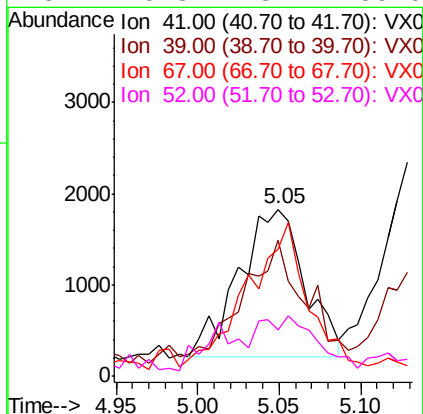
Ion Ratio Lower Upper

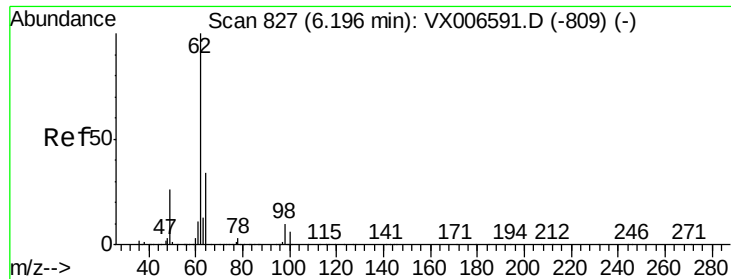
41 100

39 83.2 42.8 64.2#

67 89.5 62.1 93.1

52 6.3 23.4 35.0#





#42

1,2-Dichloroethane

Concen: 1.155 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX006588.D

Acq: 18 Dec 2018 10:45

Instrument :

MSVOA_X

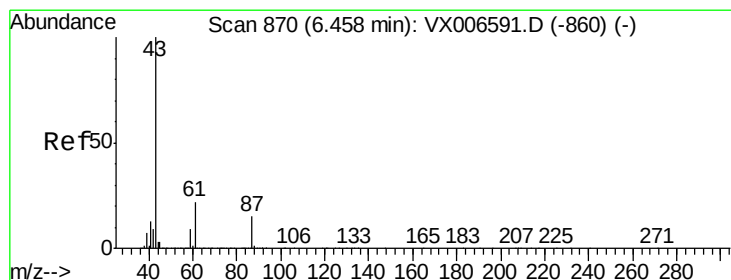
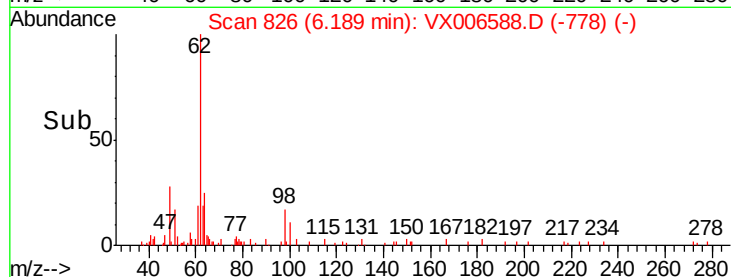
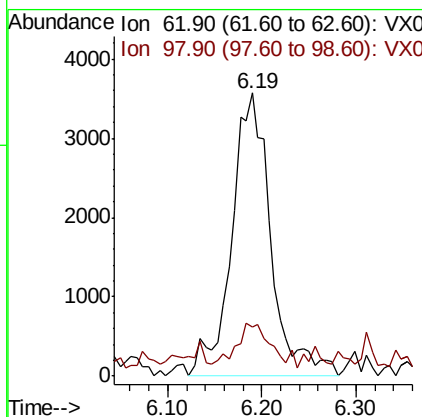
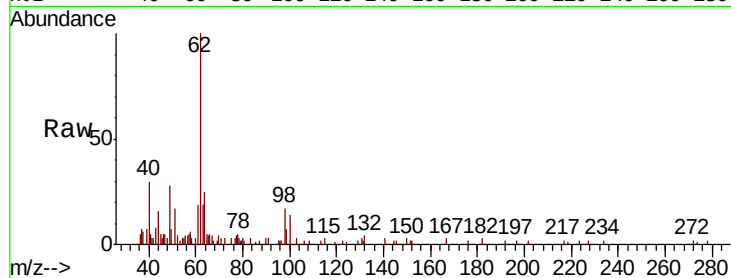
ClientSampleId :

VSTDIC001

Tot Ion:	62	Resp:	10383
Ion Ratio	Lower	Upper	
62	100		
98	11.5	0.0	20.2

Manual Integrations
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#43

Isopropyl Acetate

Concen: 0.976 ug/l

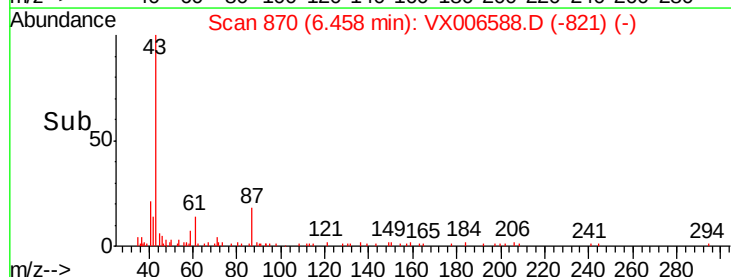
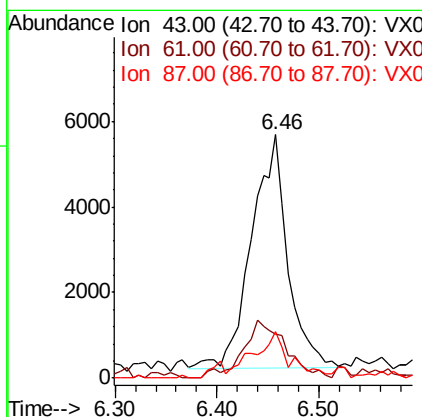
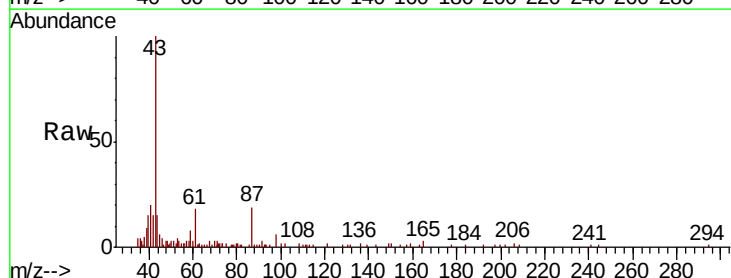
RT: 6.46 min Scan# 870

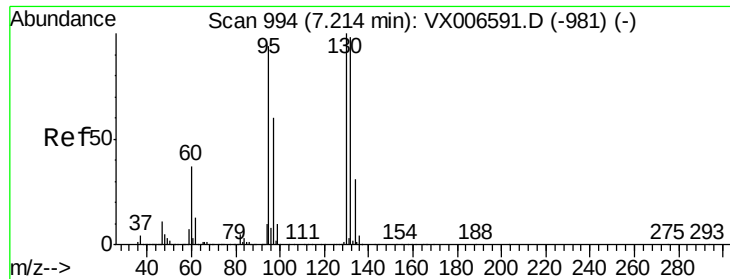
Delta R.T. -0.00 min

Lab File: VX006588.D

Acq: 18 Dec 2018 10:45

Tgt Ion:	43	Resp:	13410
Ion Ratio	Lower	Upper	
43	100		
61	27.7	16.8	25.2#
87	19.9	12.4	18.6#





#44

Trichloroethene

Concen: 1.180 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX006588.D

Acq: 18 Dec 2018 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 9421

Ion Ratio Lower Upper

130 100

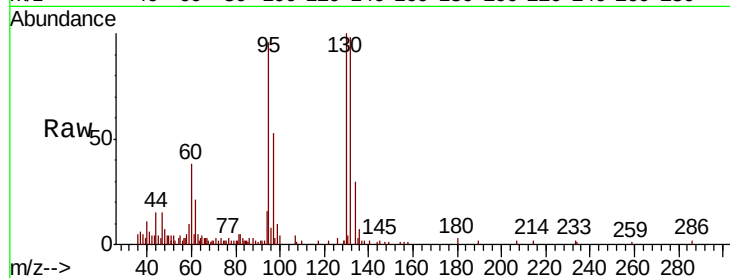
95 95.3 0.0 187.0

Manual Integrations

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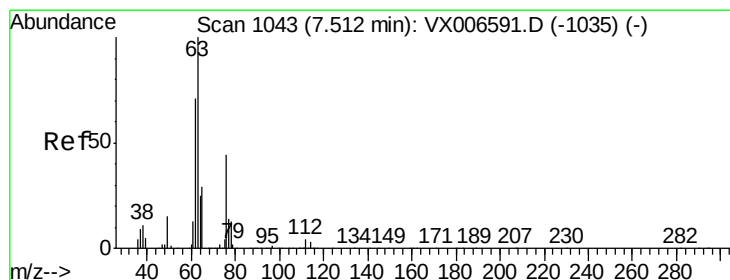
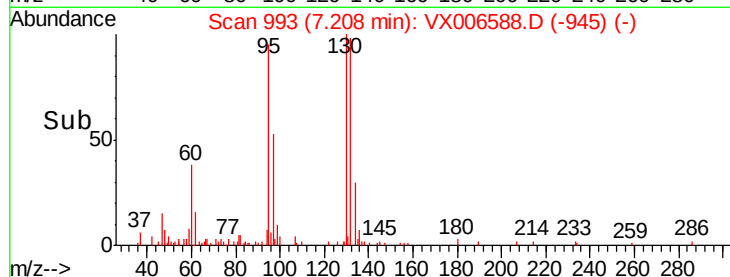
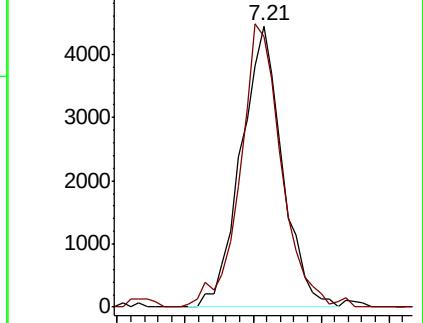
MMDadoda

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#45

1,2-Dichloropropane

Concen: 1.099 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX006588.D

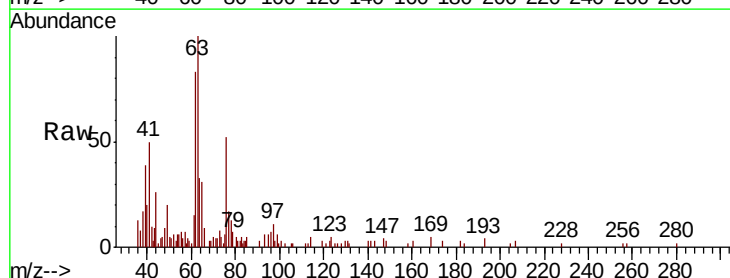
Acq: 18 Dec 2018 10:45

Tgt Ion: 63 Resp: 7058

Ion Ratio Lower Upper

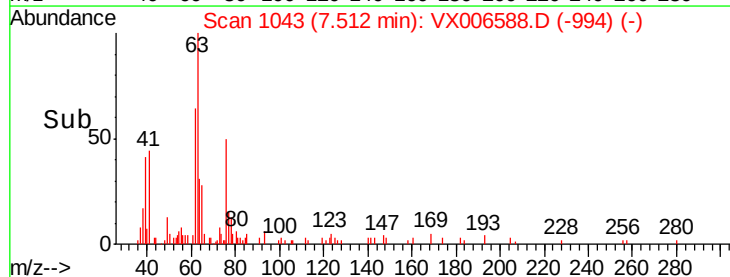
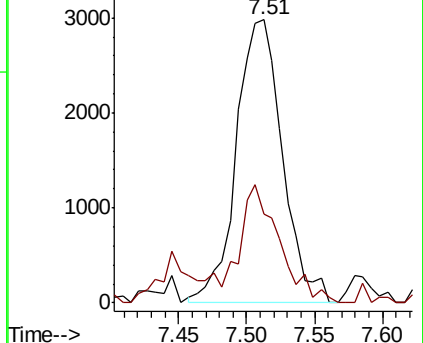
63 100

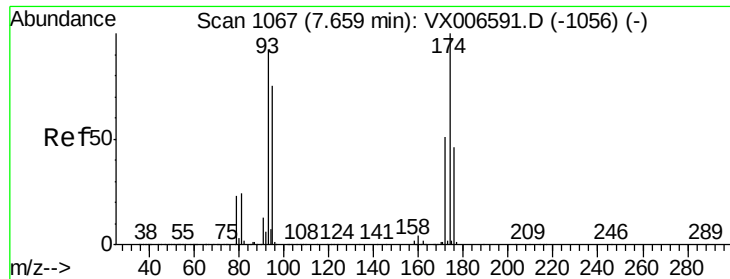
65 31.3 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





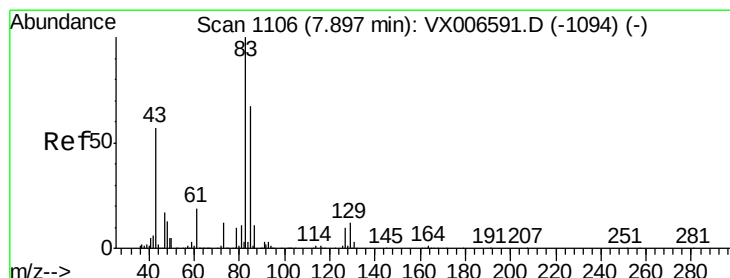
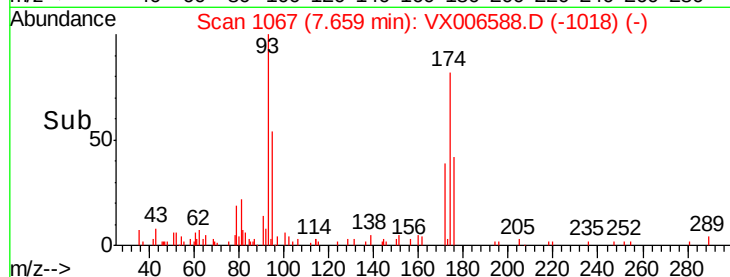
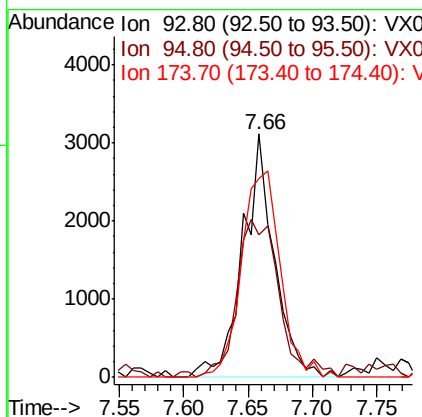
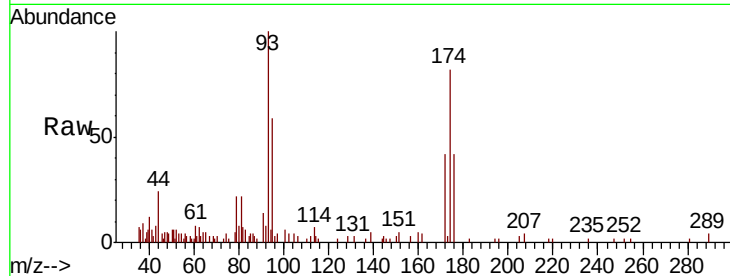
#46
Dibromomethane
Concen: 1.118 ug/l
RT: 7.66 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VX006588.D
Acq: 18 Dec 2018 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
93	100		
95	86.7	66.2	99.4
174	104.3	91.0	136.4

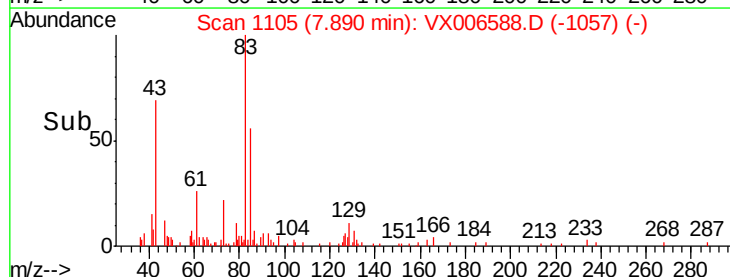
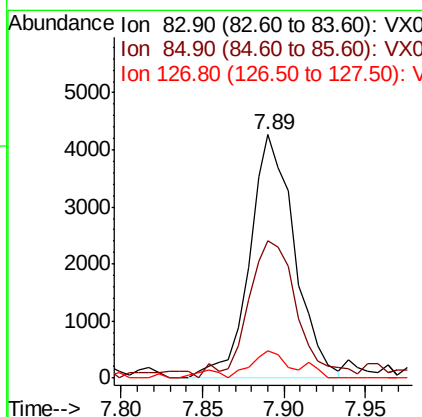
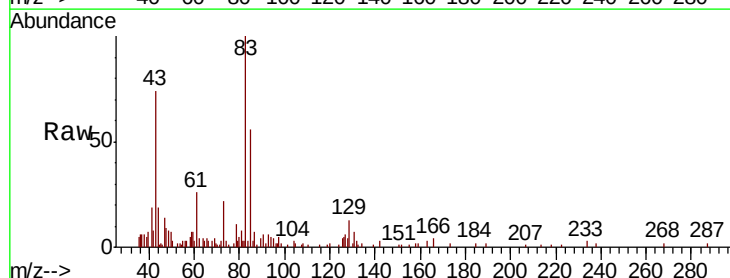
Manual Integrations
APPROVED

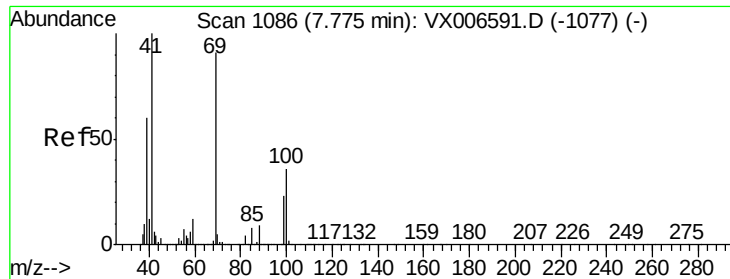
MMDadoda
12/19/2018 11:21:48 AM



#47
Bromodichloromethane
Concen: 1.036 ug/l
RT: 7.89 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VX006588.D
Acq: 18 Dec 2018 10:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	53.4	53.2	79.8
127	11.3	7.8	11.6





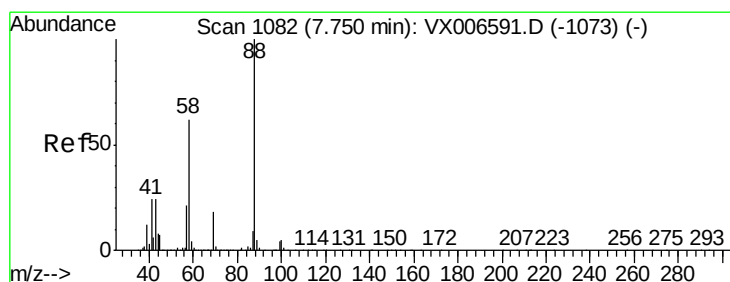
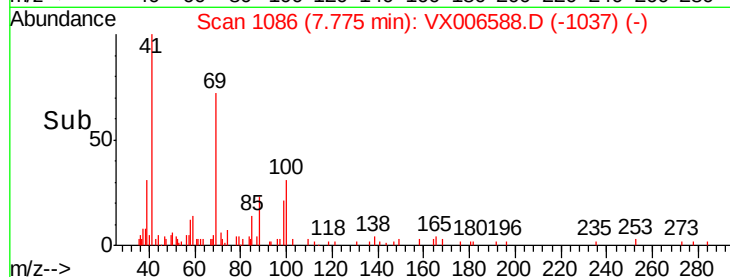
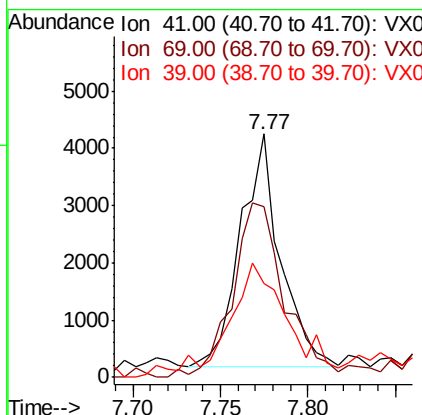
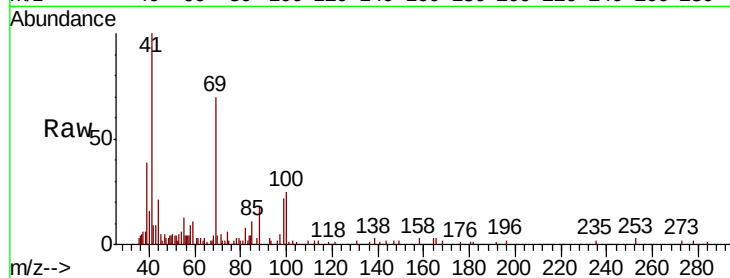
#48
Methvl methacrylate
Concen: 0.930 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX006588.D
Acq: 18 Dec 2018 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	97.0	72.4	108.6
39	73.2	45.8	68.8#

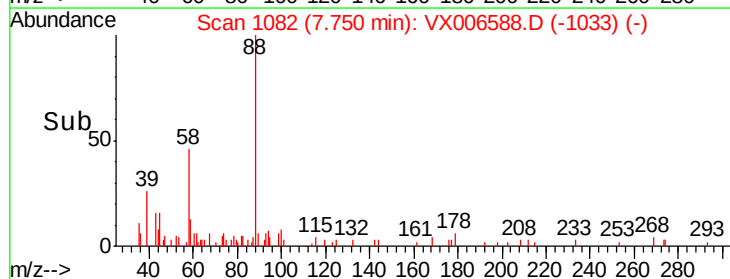
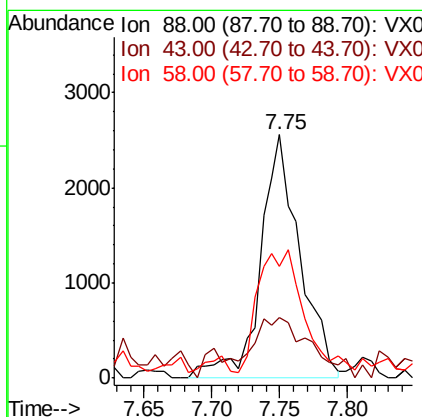
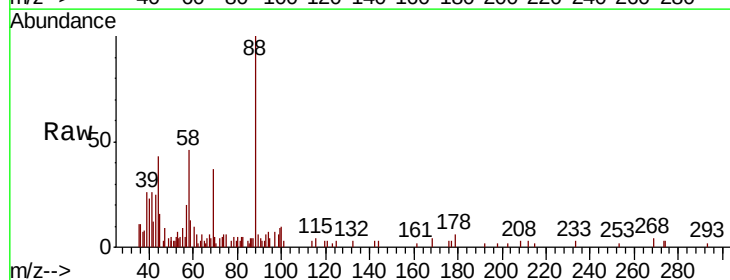
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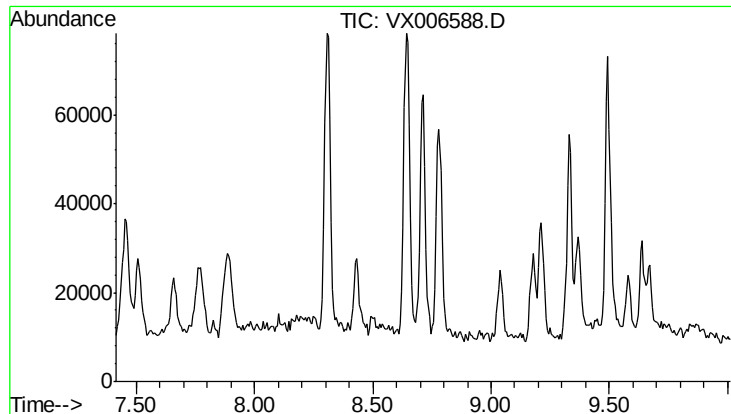
MMDadoda
12/19/2018 11:21:48 AM



#49
1,4-Dioxane
Concen: 26.292 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX006588.D
Acq: 18 Dec 2018 10:45

Tgt Ion	Ratio	Lower	Upper
88	100		
43	34.6	22.2	33.4#
58	58.5	51.0	76.4





#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.71 min

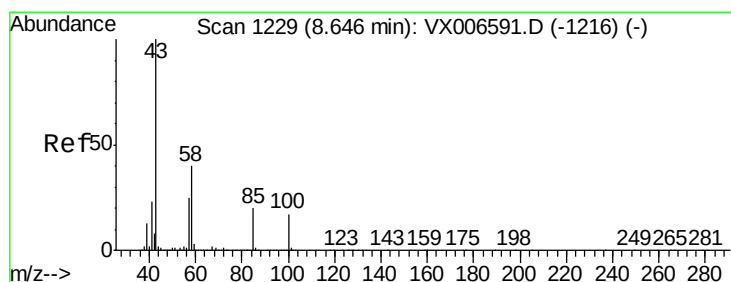
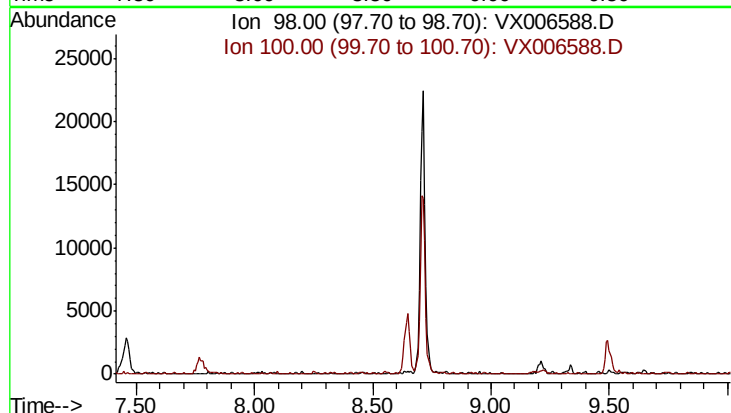
Lab File: VX006588.D
Acq: 18 Dec 2018 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 98
Sig Exp Ratio
98 100
100 65.0

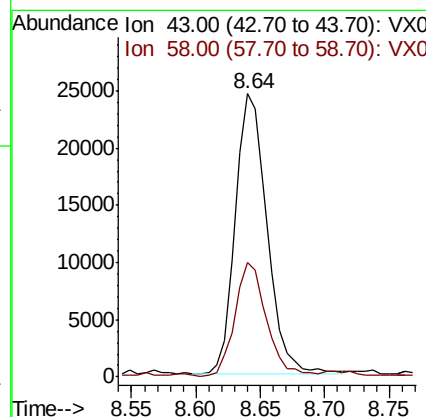
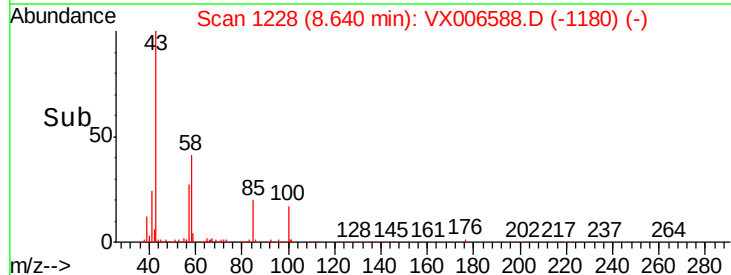
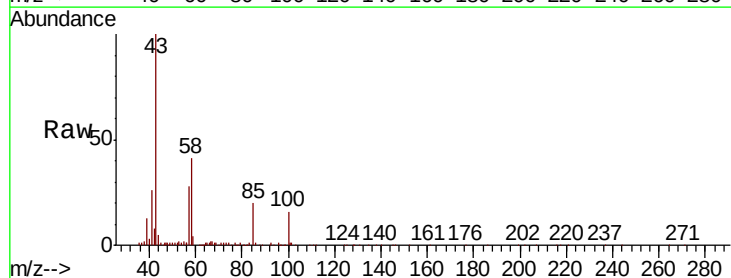
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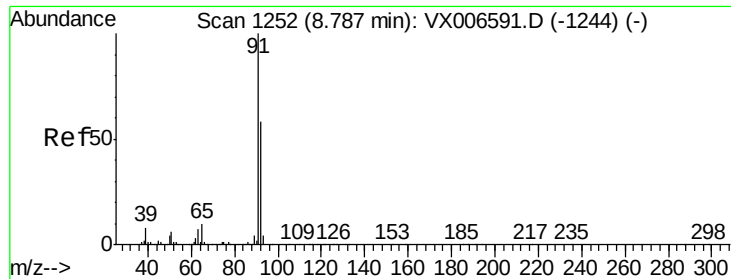
MMDadoda
12/19/2018 11:21:48 AM



#51
4-Methyl-2-Pentanone
Concen: 4.852 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.01 min
Lab File: VX006588.D
Acq: 18 Dec 2018 10:45

Tgt Ion: 43 Resp: 42433
Ion Ratio Lower Upper
43 100
58 39.8 31.8 47.6





#52

Toluene

Concen: 1.054 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006588.D

Acq: 18 Dec 2018 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 17966

Ion Ratio Lower Upper

92 100

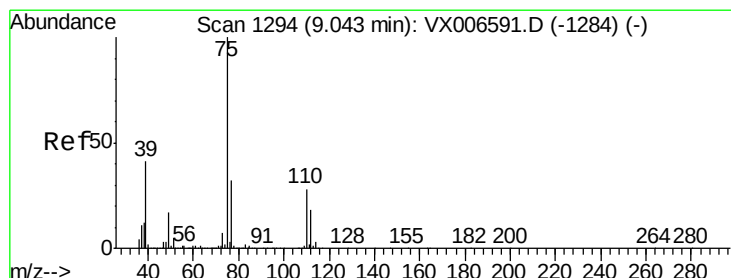
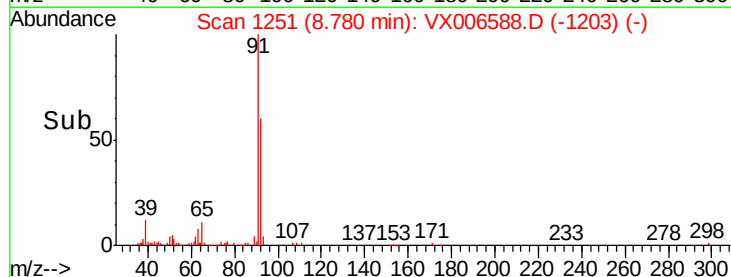
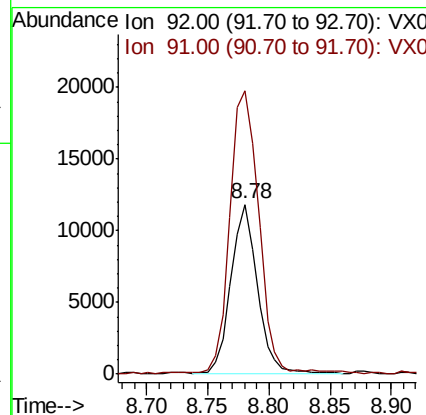
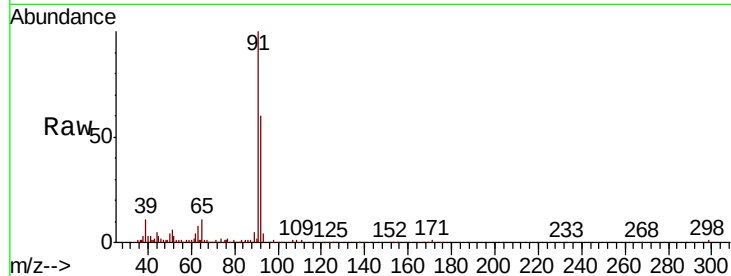
91 179.2 137.6 206.4

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#53

t-1,3-Dichloropropene

Concen: 0.882 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VX006588.D

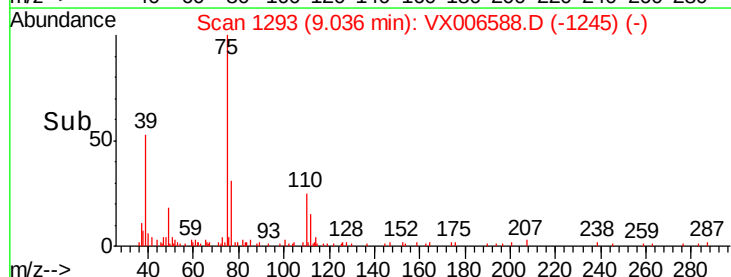
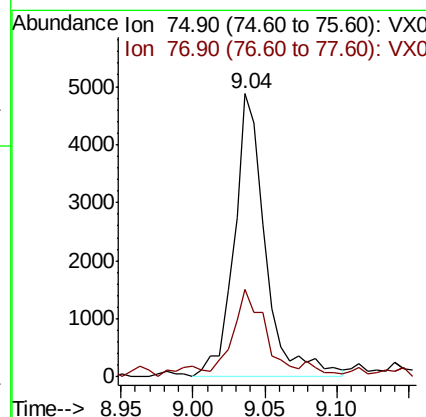
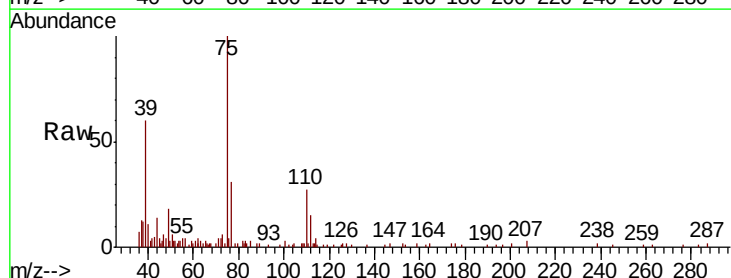
Acq: 18 Dec 2018 10:45

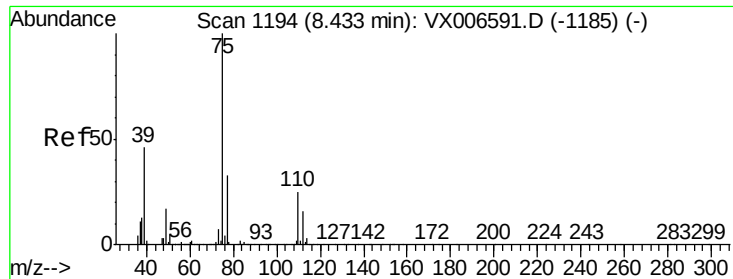
Tgt Ion: 75 Resp: 7418

Ion Ratio Lower Upper

75 100

77 29.8 25.4 38.0





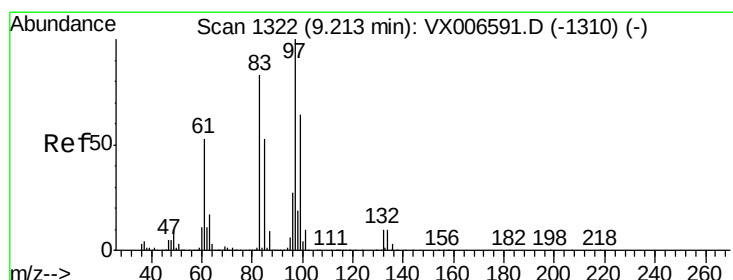
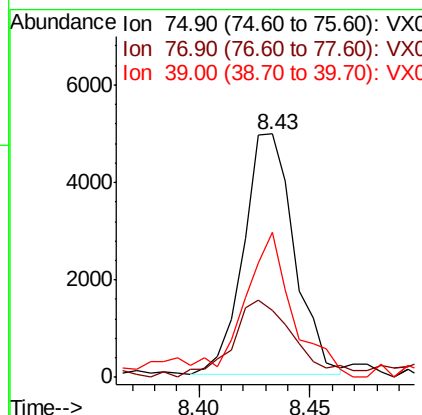
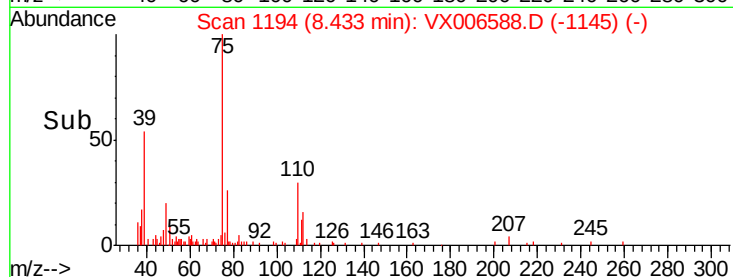
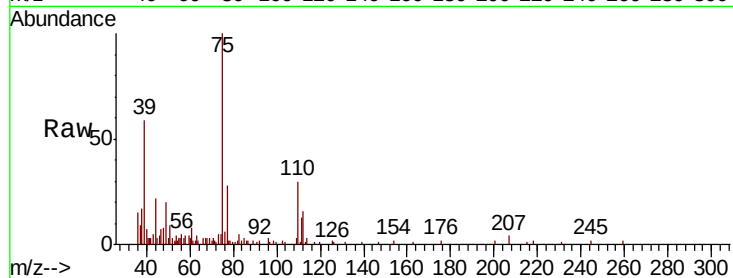
#54
 cis-1,3-Dichloropropene
 Concen: 0.850 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX006588.D
 Acq: 18 Dec 2018 10:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
77	24.8	26.2	39.2#
39	56.6	36.7	55.1#

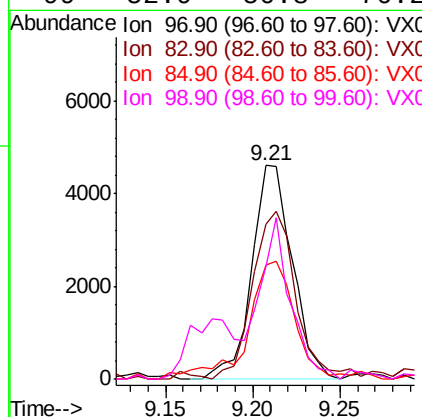
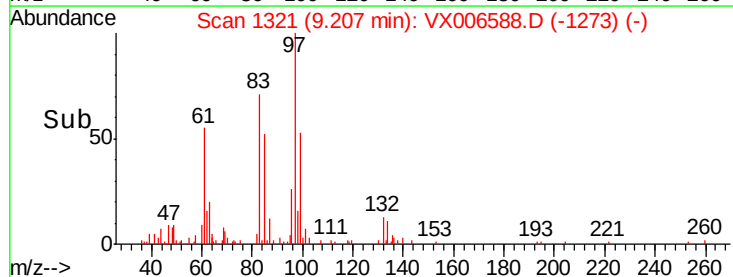
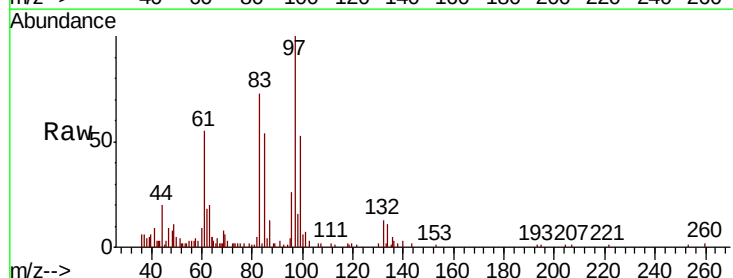
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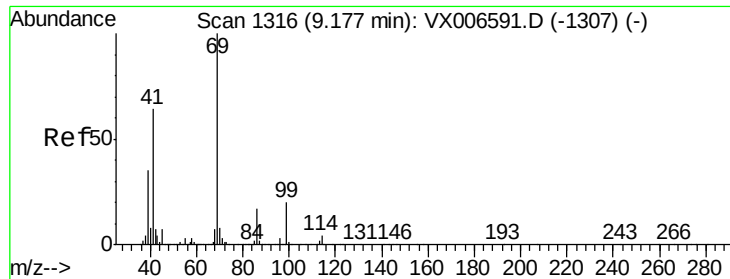
MMDadoda
 12/19/2018 11:21:48 AM



#55
 1,1,2-Trichloroethane
 Concen: 1.067 ug/l
 RT: 9.21 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VX006588.D
 Acq: 18 Dec 2018 10:45

Tgt Ion	Ratio	Lower	Upper
97	100		
83	71.0	66.6	99.8
85	51.4	42.7	64.1
99	52.9	50.8	76.2





#56

Ethyl methacrylate

Concen: 0.954 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX006588.D

Acq: 18 Dec 2018 10:45

Instrument :

MSVOA_X

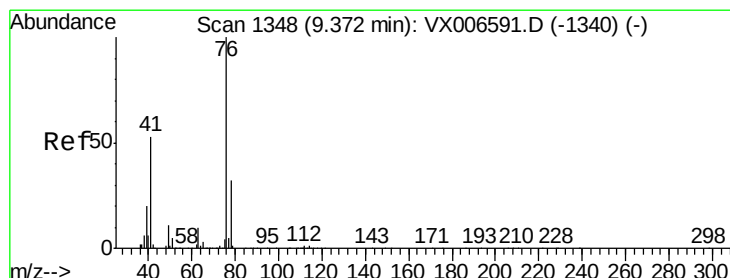
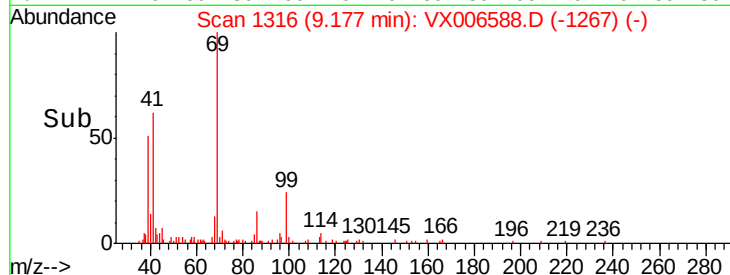
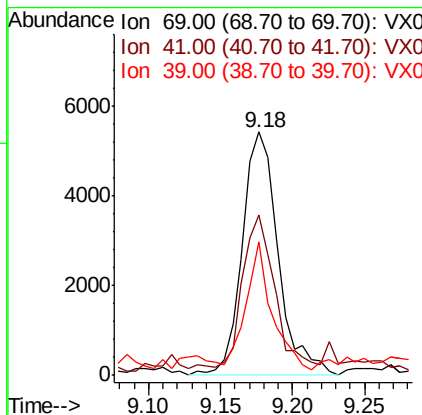
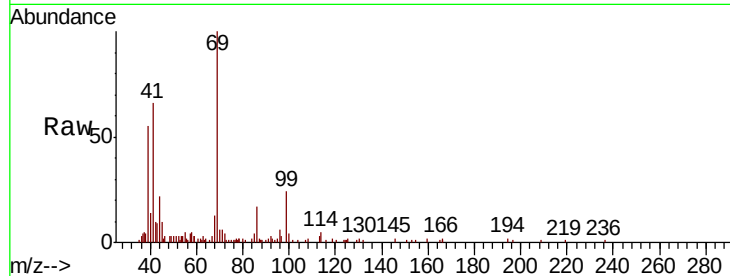
ClientSampleId :

VSTDIC001

Tot Ion:	69	Resp:	9405
Ion	Ratio	Lower	Upper
69	100		
41	56.0	48.7	73.1
39	37.4	27.0	40.6

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#57

1,3-Dichloropropane

Concen: 1.104 ug/l

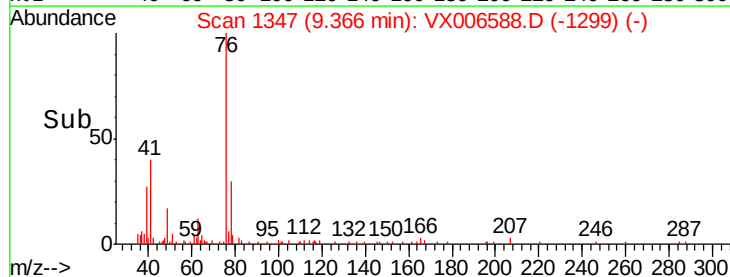
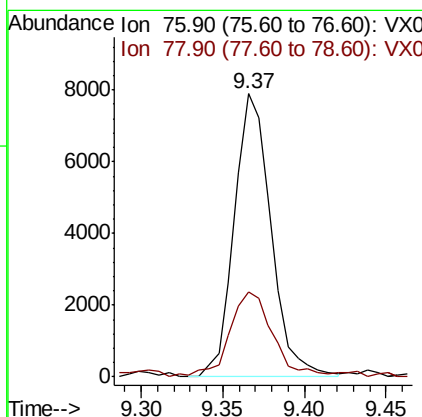
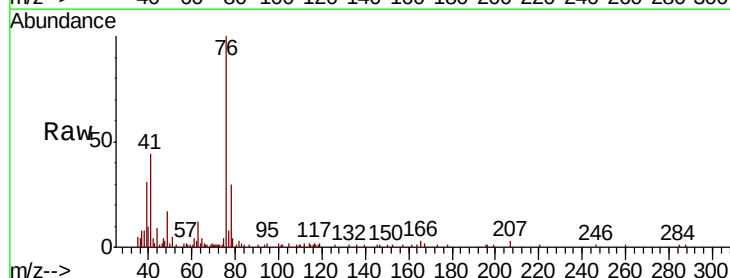
RT: 9.37 min Scan# 1347

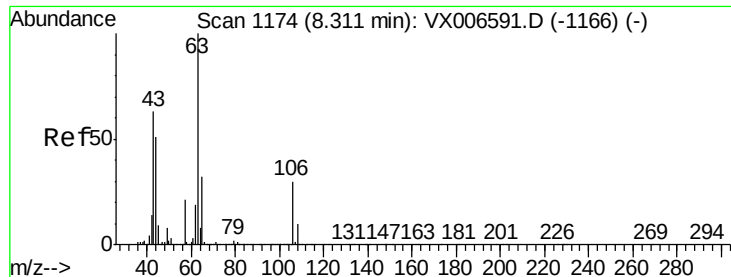
Delta R.T. -0.01 min

Lab File: VX006588.D

Acq: 18 Dec 2018 10:45

Tgt Ion:	76	Resp:	12397
Ion	Ratio	Lower	Upper
76	100		
78	35.1	26.0	39.0





#58

2-Chloroethyl Vinyl ether

Concen: 5.229 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX006588.D

Acq: 18 Dec 2018 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 63 Resp: 27411

Ion Ratio Lower Upper

63 100

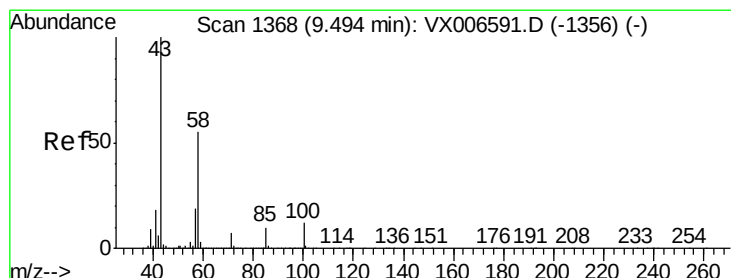
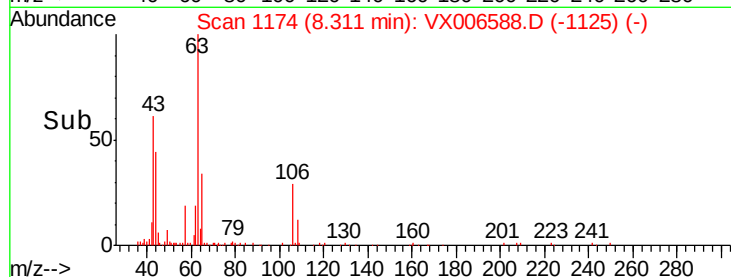
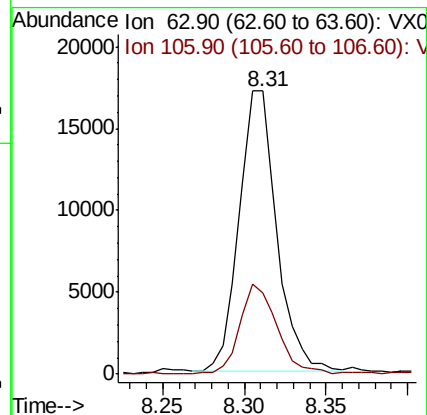
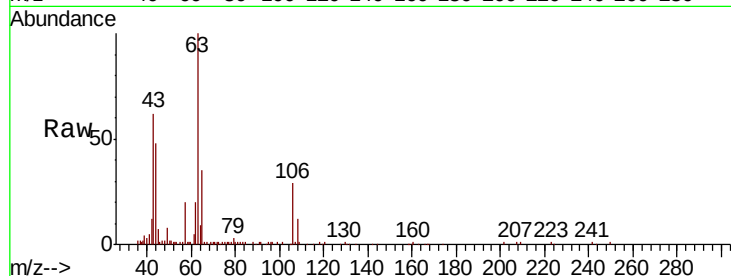
106 32.7 24.6 36.8

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#59

2-Hexanone

Concen: 4.708 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VX006588.D

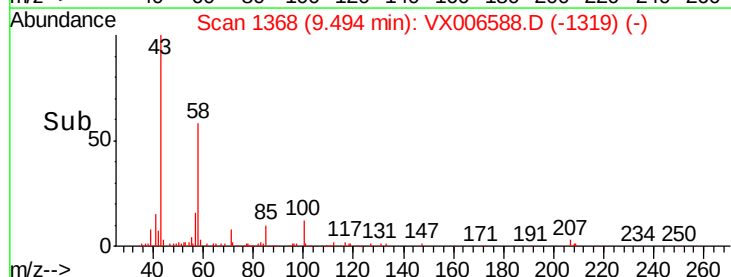
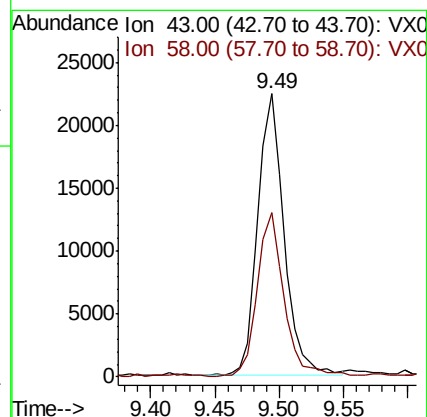
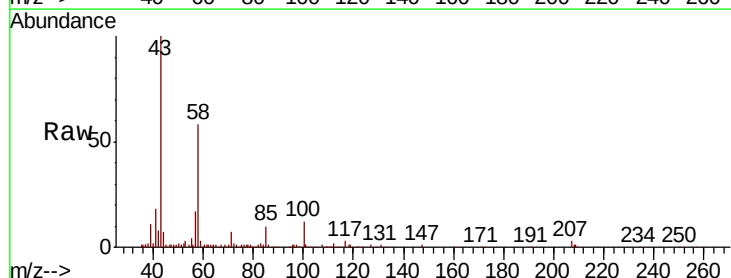
Acq: 18 Dec 2018 10:45

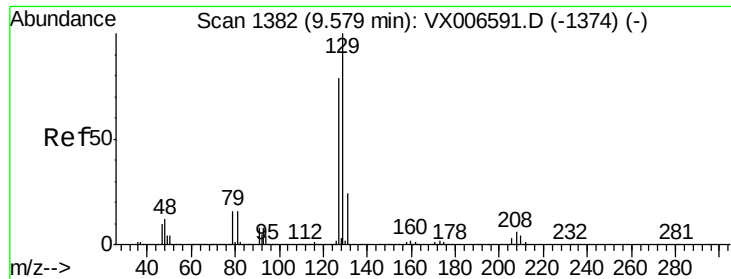
Tgt Ion: 43 Resp: 31508

Ion Ratio Lower Upper

43 100

58 59.7 27.7 83.1





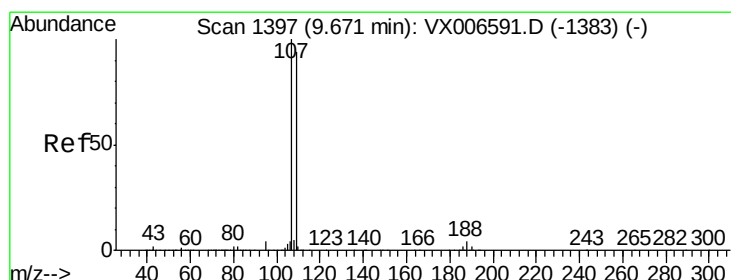
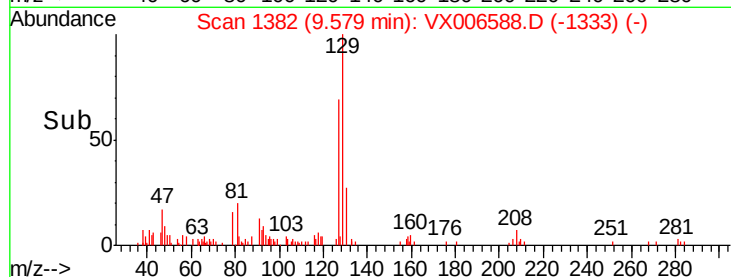
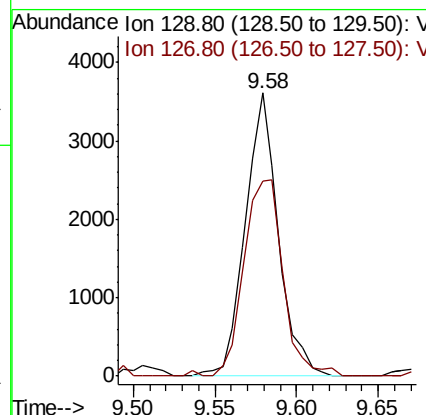
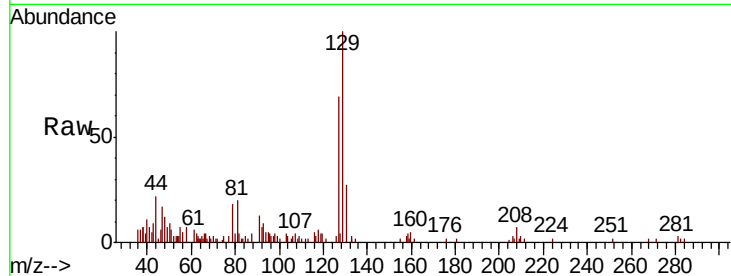
#60
Dibromochloromethane
Concen: 0.792 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX006588.D
Acq: 18 Dec 2018 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
129	100		
127	82.1	39.3	117.8

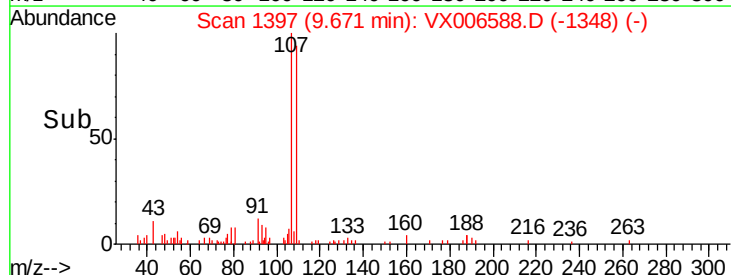
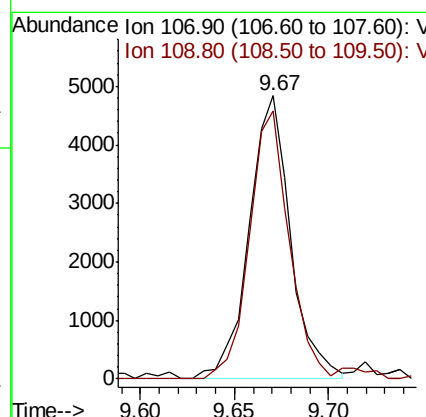
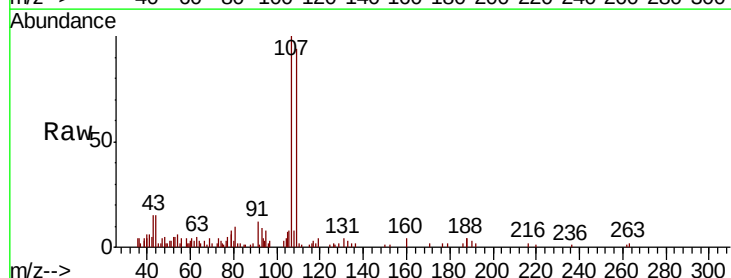
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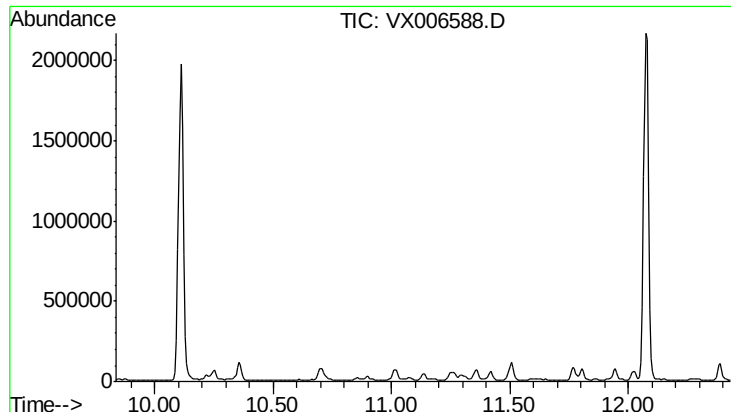
MMDadoda
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#61
1,2-Dibromoethane
Concen: 0.995 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VX006588.D
Acq: 18 Dec 2018 10:45

Tgt Ion	Ratio	Lower	Upper
107	100		
109	89.9	75.8	113.6





#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 11.13 min

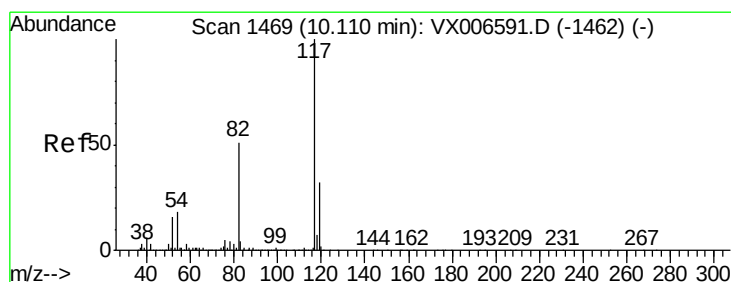
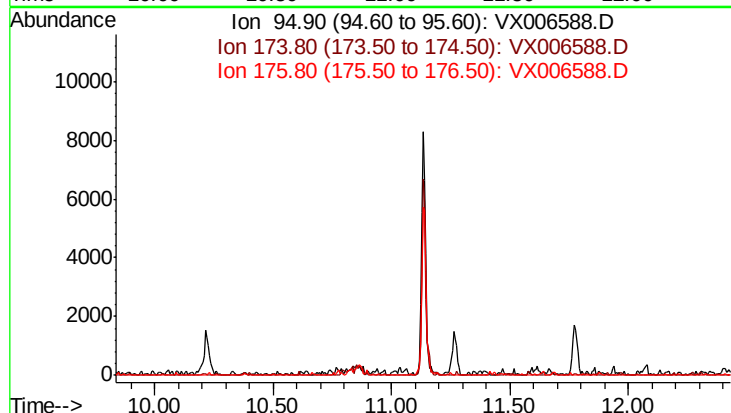
Lab File: VX006588.D
Acq: 18 Dec 2018 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 95
Sig Exp Ratio
95 100
174 91.1
176 89.4

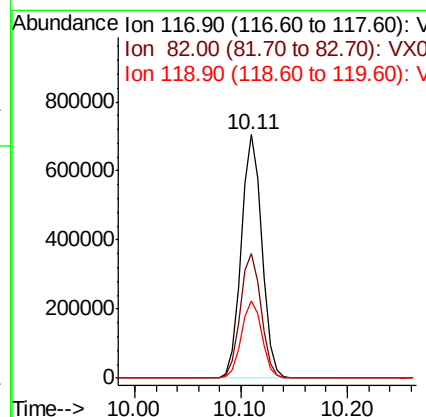
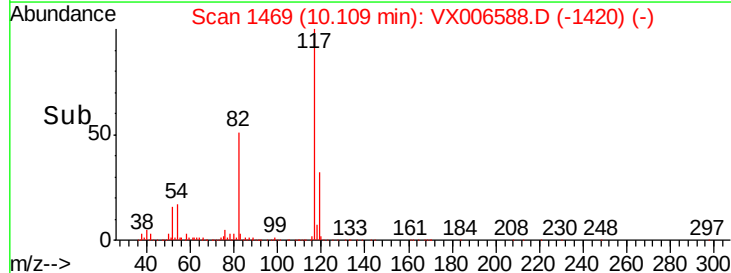
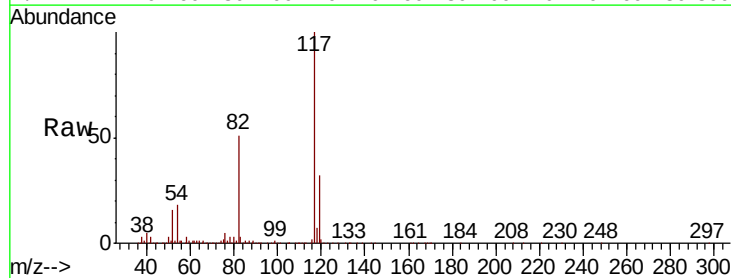
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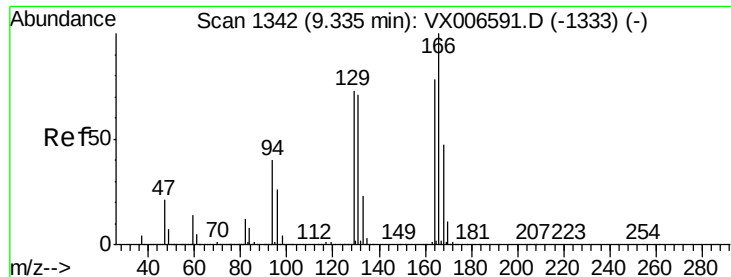
MMDadoda
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX006588.D
Acq: 18 Dec 2018 10:45

Tgt Ion: 117 Resp: 960134
Ion Ratio Lower Upper
117 100
82 51.1 41.0 61.6
119 31.8 25.4 38.0





#64

Tetrachloroethene

Concen: 1.130 ug/l

RT: 9.33 min Scan# 1341

Delta R.T. -0.01 min

Lab File: VX006588.D

Acq: 18 Dec 2018 10:45

Instrument :

MSVOA_X

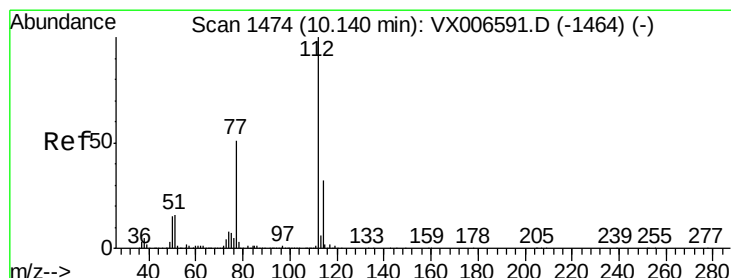
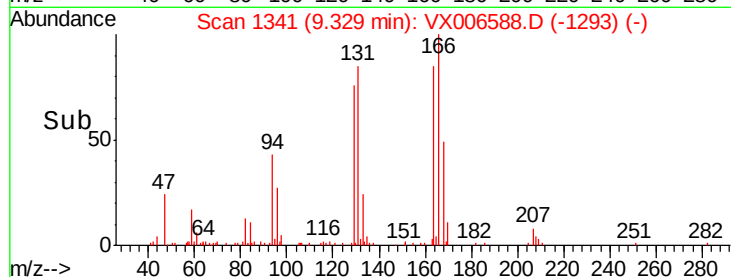
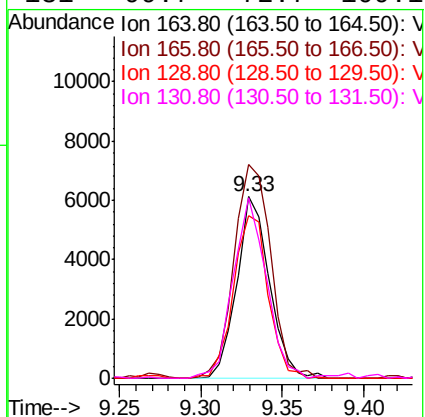
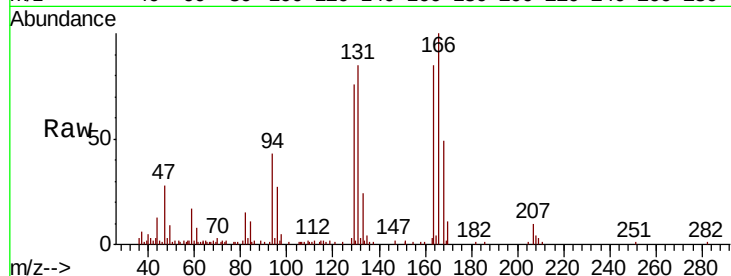
ClientSampleId :

VSTDIC001

Tot Ion:	164	Resp:	8592
Ion	Ratio	Lower	Upper
164	100		
166	117.5	102.5	153.7
129	89.4	75.1	112.7
131	99.7	72.7	109.1

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#65

Chlorobenzene

Concen: 1.129 ug/l

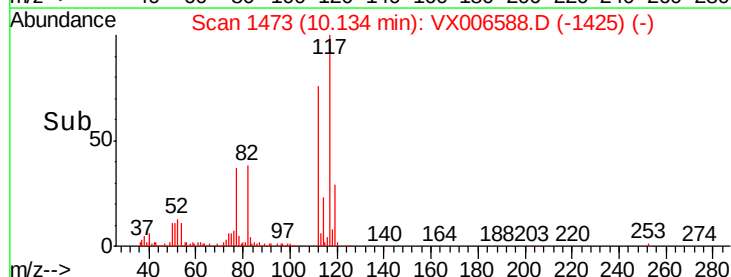
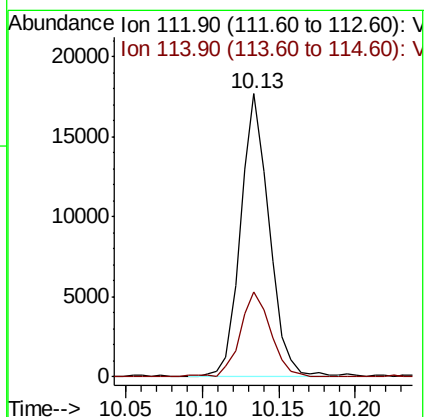
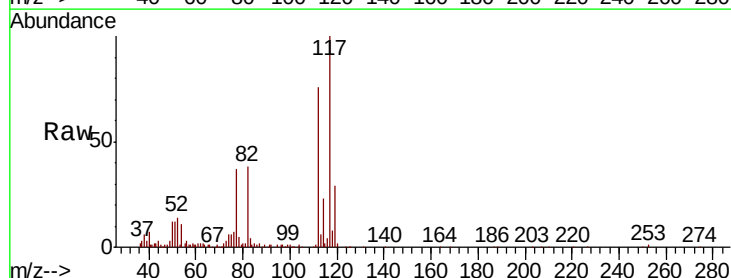
RT: 10.13 min Scan# 1473

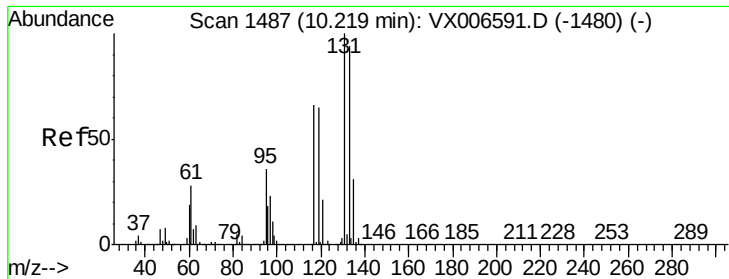
Delta R.T. -0.01 min

Lab File: VX006588.D

Acq: 18 Dec 2018 10:45

Tgt Ion:	112	Resp:	22935
Ion	Ratio	Lower	Upper
112	100		
114	29.6	25.7	38.5





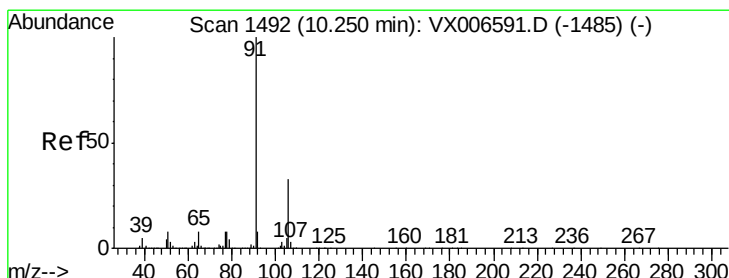
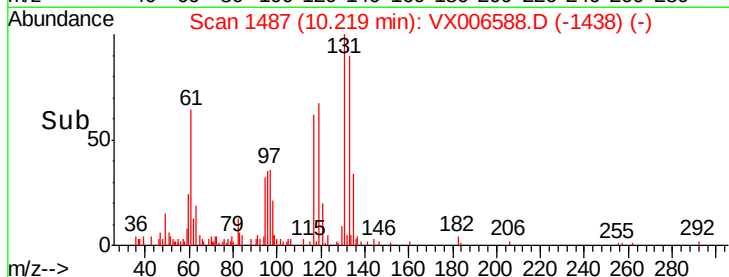
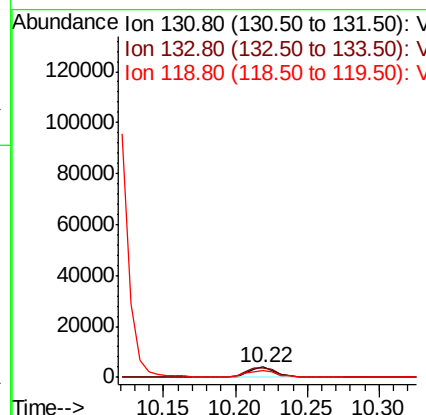
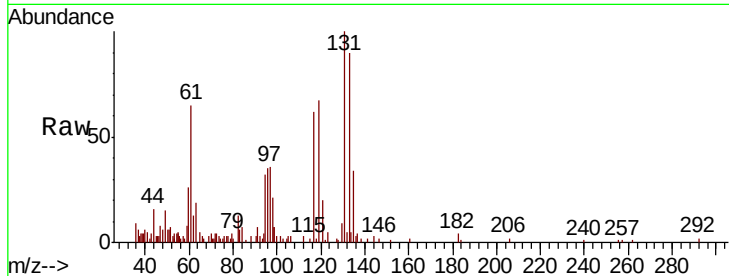
#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.856 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX006588.D
 Acq: 18 Dec 2018 10:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	102.3	48.0	144.2
119	0.0	32.6	97.8#

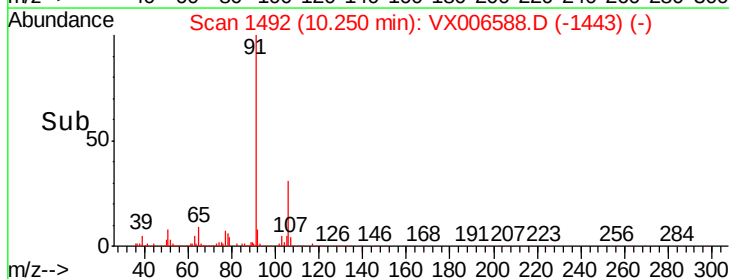
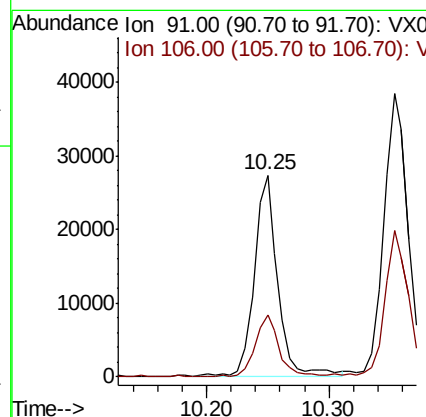
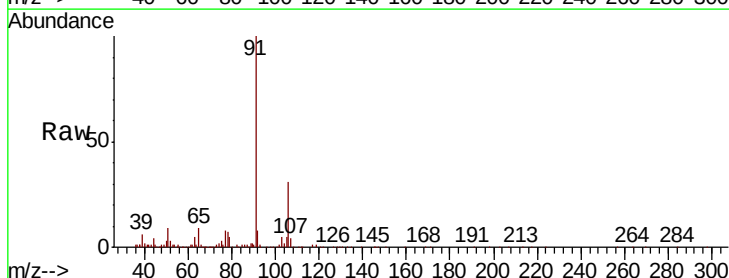
Manual Integrations
 APPROVED

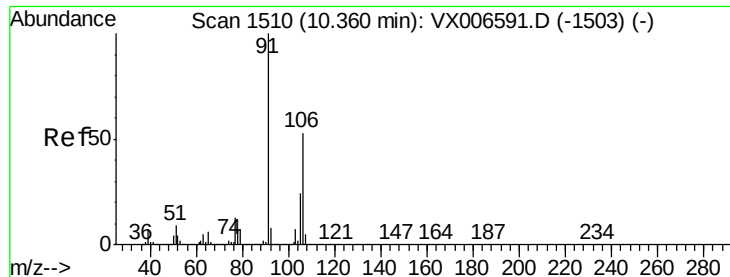
MMDadoda
 12/19/2018 11:21:48 AM



#67
 Ethyl Benzene
 Concen: 1.098 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX006588.D
 Acq: 18 Dec 2018 10:45

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.8	26.4	39.6





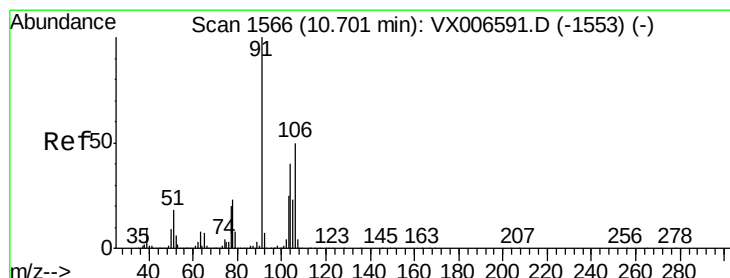
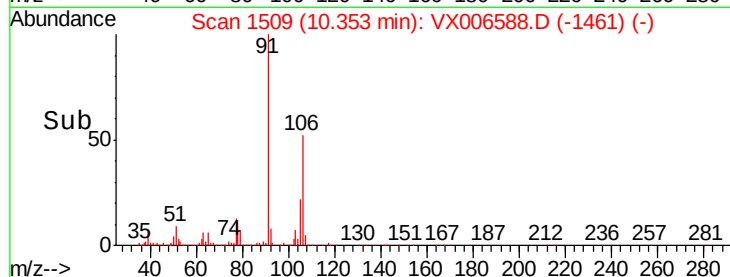
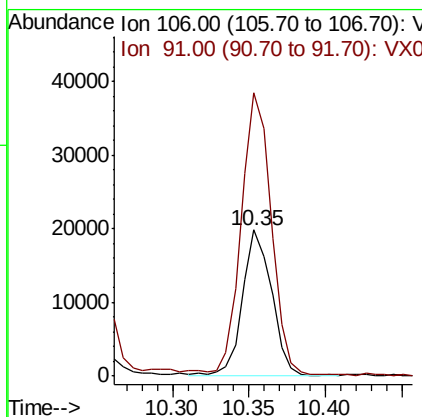
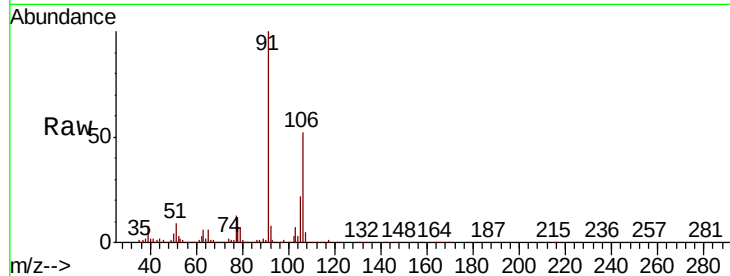
#68
m/p-Xylenes
Concen: 2.031 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX006588.D
Acq: 18 Dec 2018 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:106 Resp: 26604
Ion Ratio Lower Upper
106 100
91 197.2 155.8 233.6

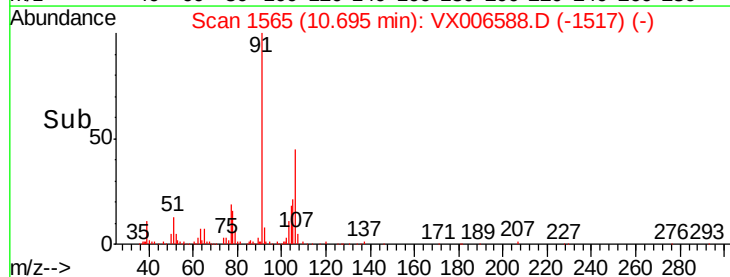
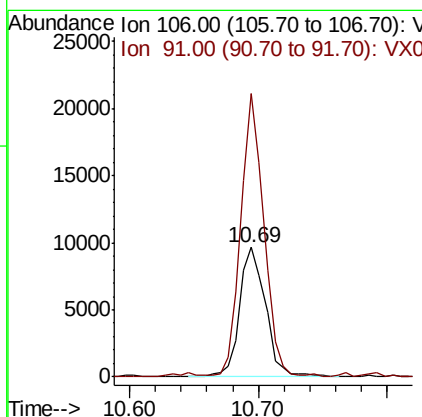
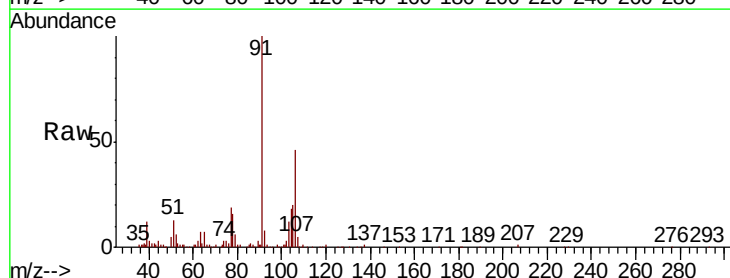
Manual Integrations
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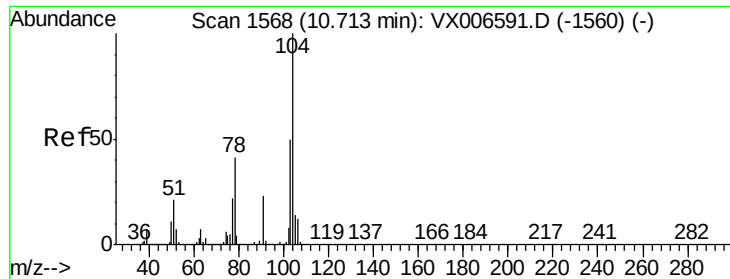
MMDadoda
12/19/2018 11:21:48 AM



#69
o-Xylene
Concen: 1.053 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX006588.D
Acq: 18 Dec 2018 10:45

Tgt Ion:106 Resp: 13614
Ion Ratio Lower Upper
106 100
91 193.4 101.3 303.7





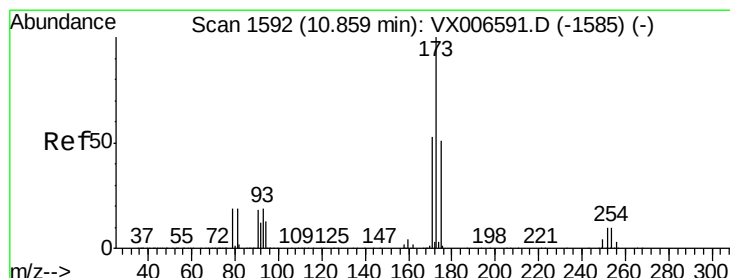
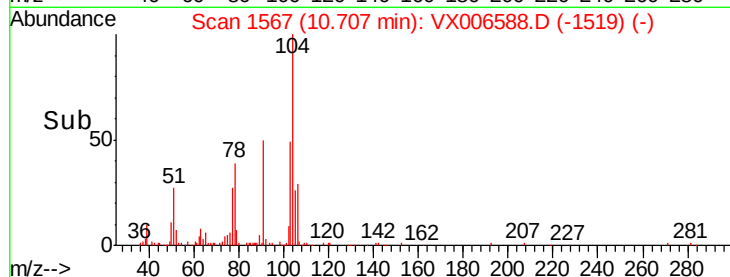
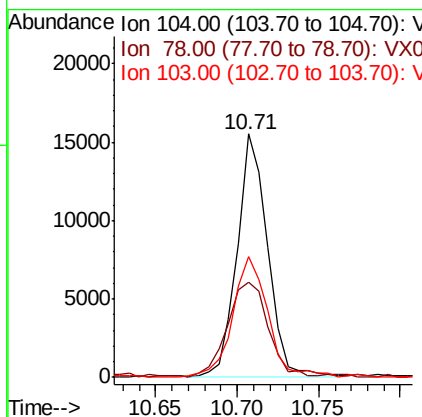
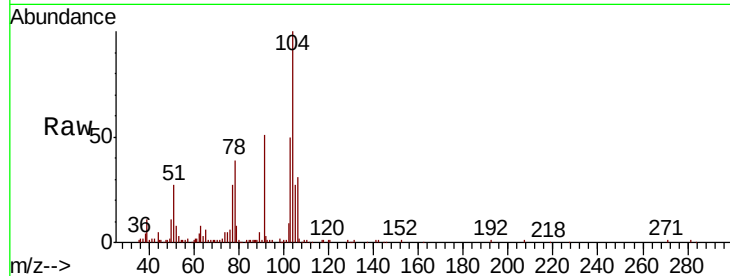
#70
Stvrene
Concen: 0.993 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX006588.D
Acq: 18 Dec 2018 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	52.0	37.7	56.5
103	57.7	43.8	65.8

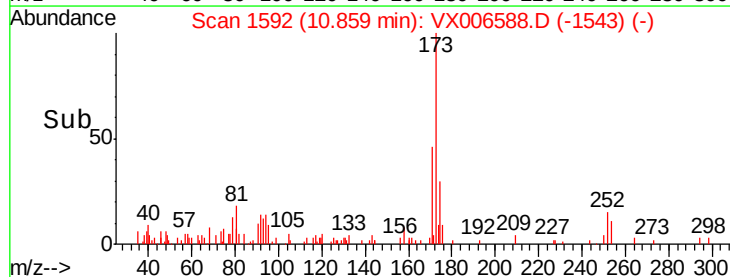
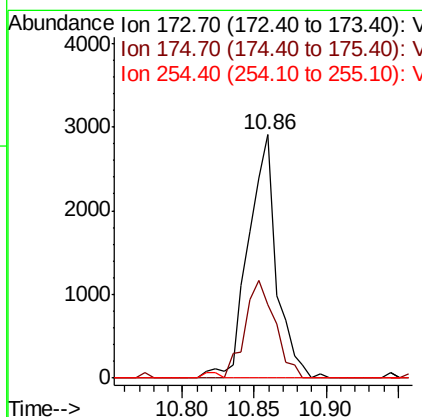
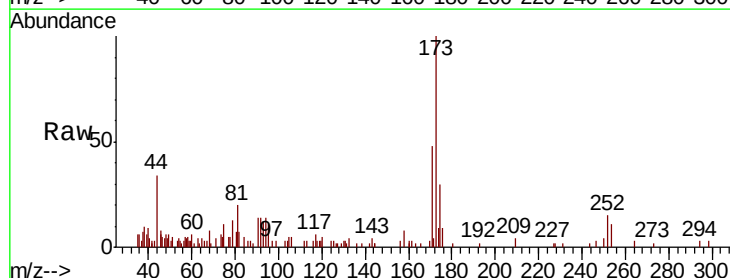
Manual Integrations
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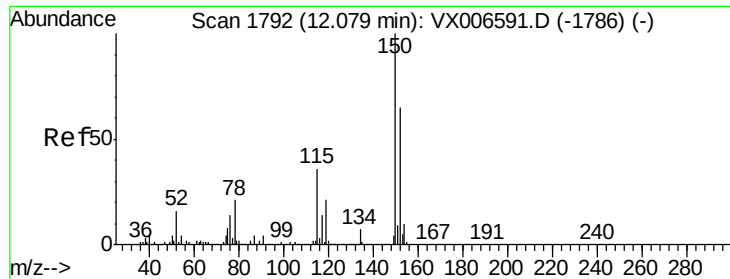
MMDadoda
12/19/2018 11:21:48 AM



#71
Bromoform
Concen: 0.816 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX006588.D
Acq: 18 Dec 2018 10:45

Tgt Ion	Ratio	Lower	Upper
173	100		
175	42.7	24.7	74.1
254	0.0	0.2	0.2#





#72

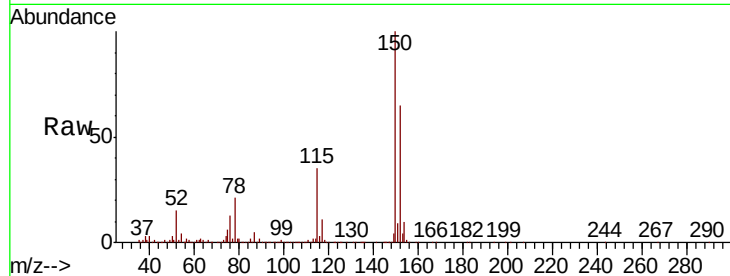
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006588.D
Acq: 18 Dec 2018 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.6	39.1	117.2
150	156.4	0.0	344.8

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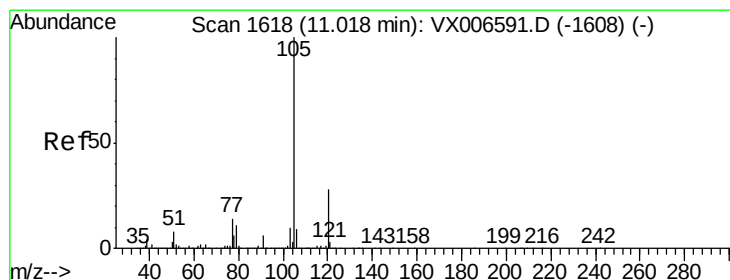
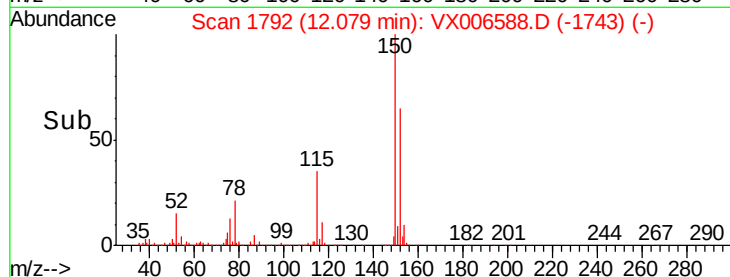
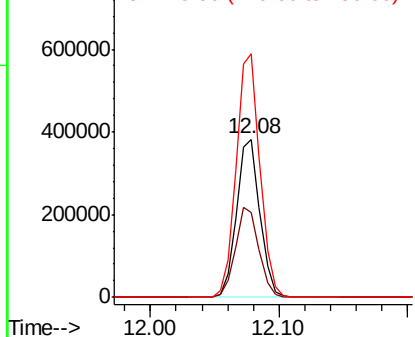


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

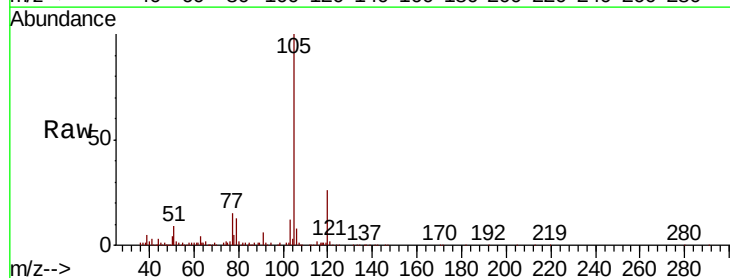
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene
Concen: 1.038 ug/l
RT: 11.01 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VX006588.D
Acq: 18 Dec 2018 10:45

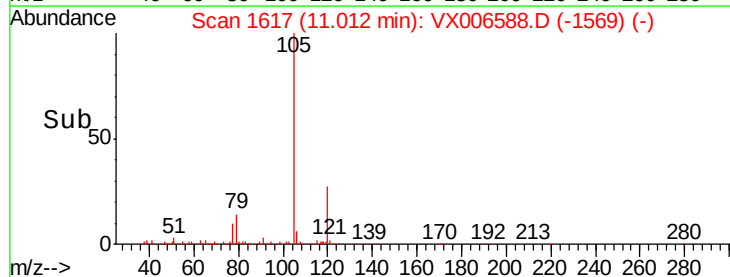
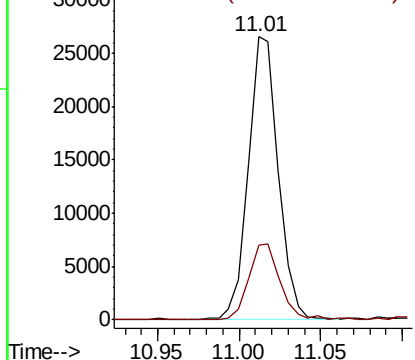
Tgt Ion	Ratio	Lower	Upper
105	100		
120	28.5	14.1	42.4

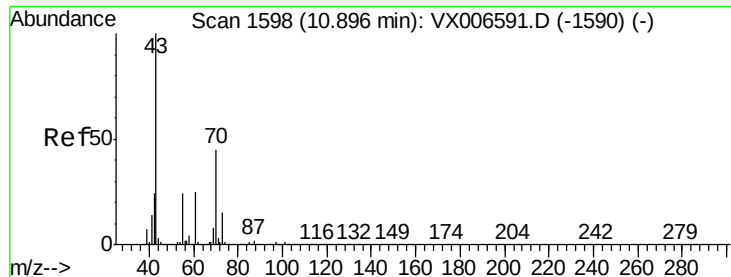


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.876 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006588.D

Acq: 18 Dec 2018 10:45

Instrument :

MSVOA_X

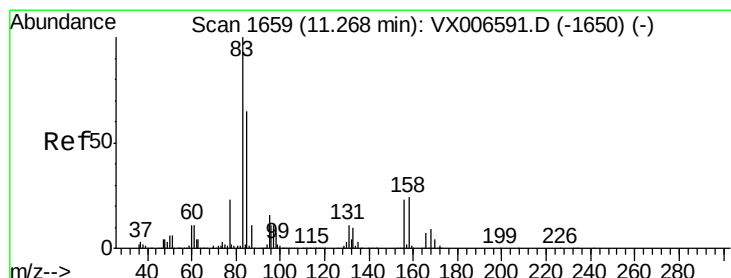
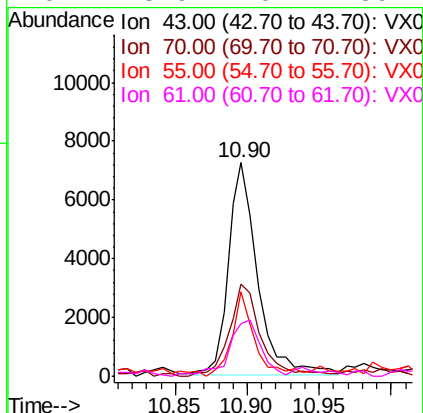
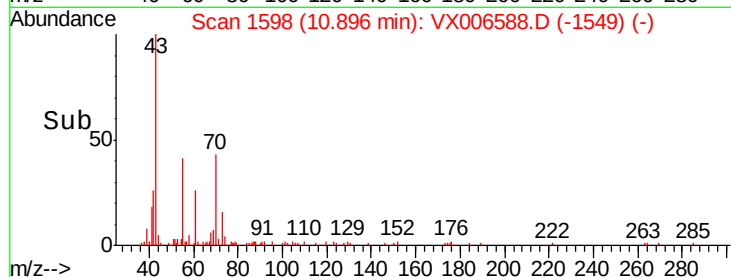
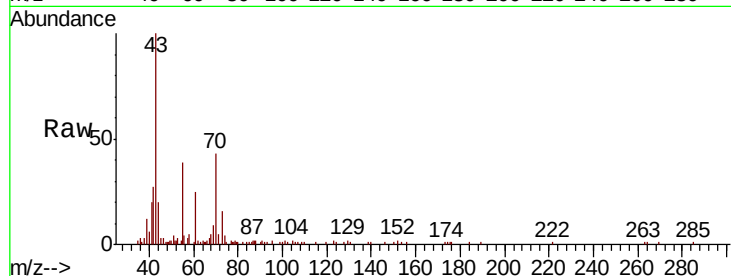
ClientSampleId :

VSTDIC001

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	46.9	35.8	53.8	
55	31.5	19.4	29.0	
61	28.9	20.1	30.1	

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#75

1,1,2,2-Tetrachloroethane

Concen: 0.961 ug/l

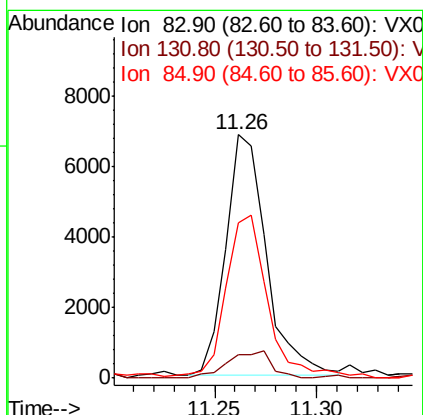
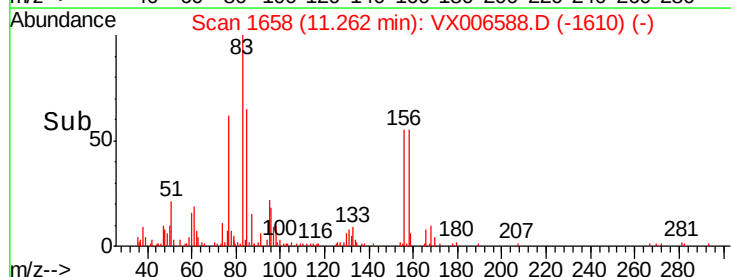
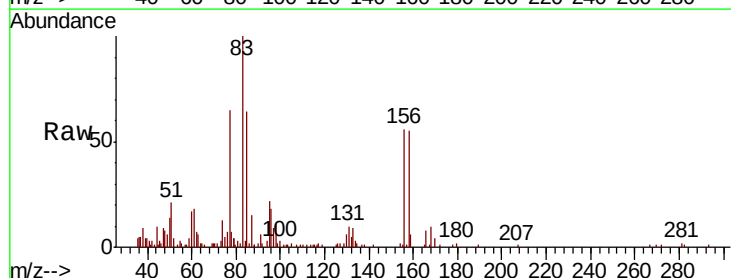
RT: 11.26 min Scan# 1658

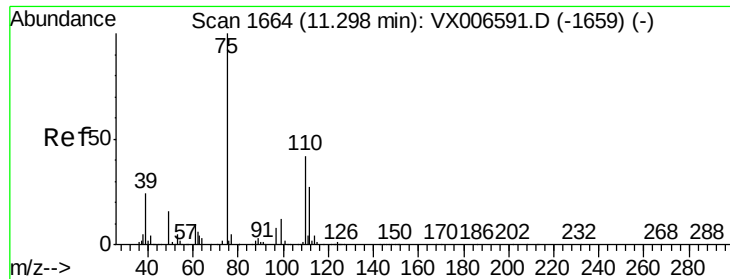
Delta R.T. -0.01 min

Lab File: VX006588.D

Acq: 18 Dec 2018 10:45

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	12.0	5.7	17.1	
85	70.2	32.2	96.6	





#76

1,2,3-Trichloropropane

Concen: 0.919 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX006588.D

Acq: 18 Dec 2018 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 75 Resp: 7828

Ion Ratio Lower Upper

75 100

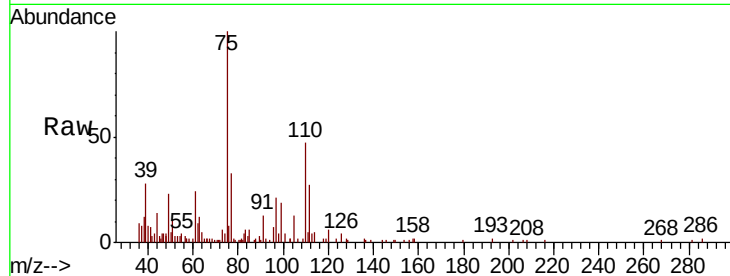
77 44.6 18.5 55.5

Manual Integrations

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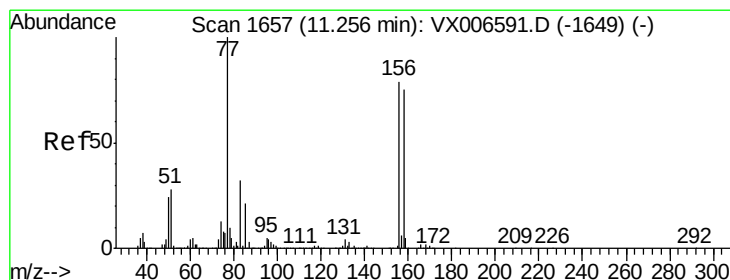
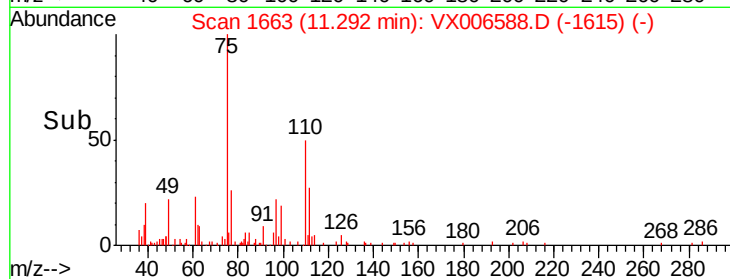
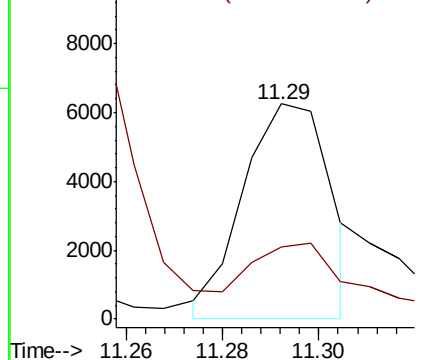
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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 1.053 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX006588.D

Acq: 18 Dec 2018 10:45

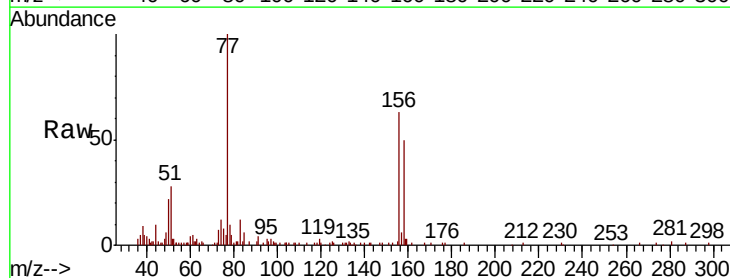
Tgt Ion: 156 Resp: 9368

Ion Ratio Lower Upper

156 100

77 147.6 68.0 204.0

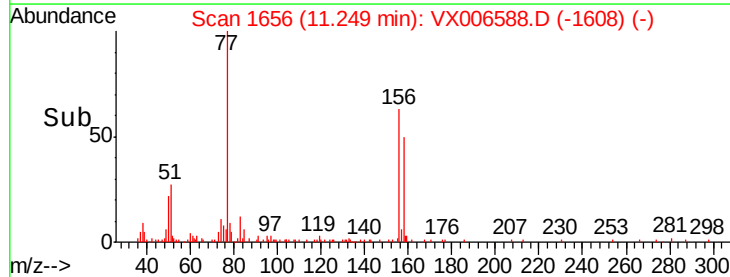
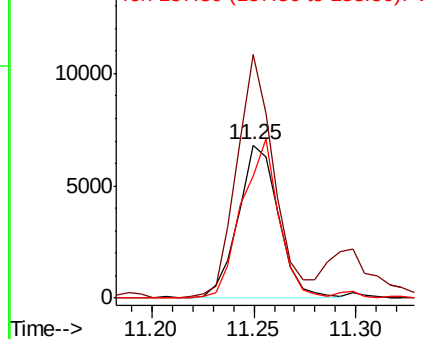
158 95.1 48.3 144.8

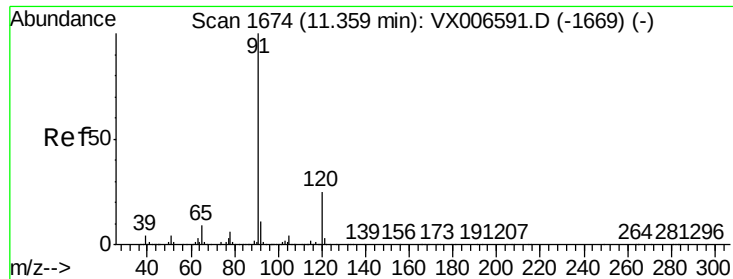


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 1.003 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006588.D

Acq: 18 Dec 2018 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 36337

Ion Ratio Lower Upper

91 100

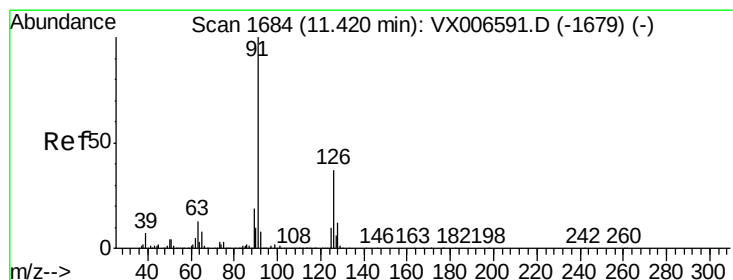
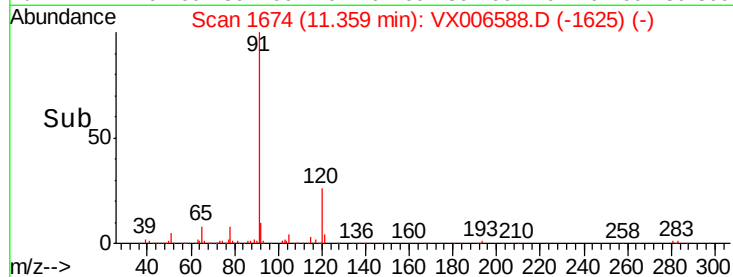
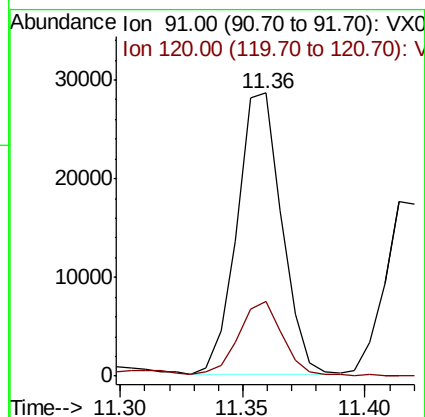
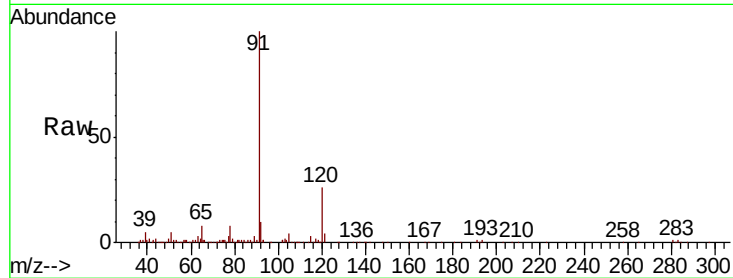
120 26.9 12.7 38.0

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#79

2-Chlorotoluene

Concen: 1.100 ug/l

RT: 11.41 min Scan# 1683

Delta R.T. -0.01 min

Lab File: VX006588.D

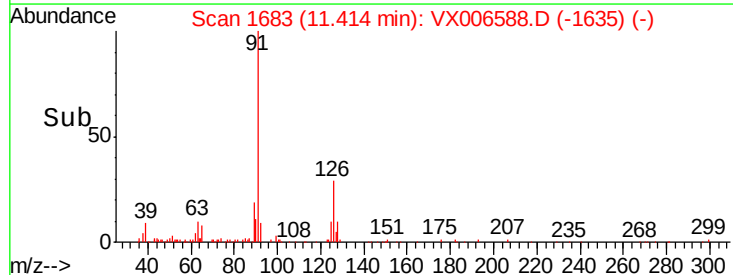
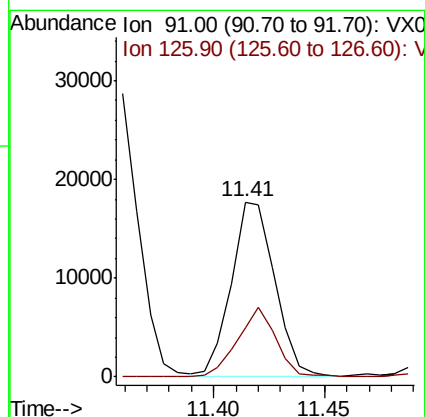
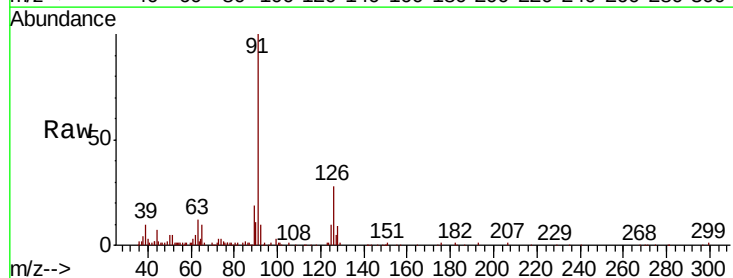
Acq: 18 Dec 2018 10:45

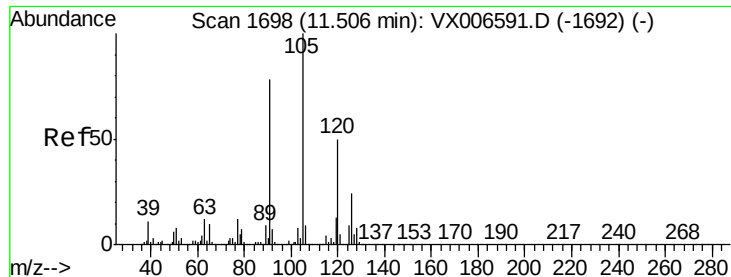
Tgt Ion: 91 Resp: 24160

Ion Ratio Lower Upper

91 100

126 35.2 18.6 56.0





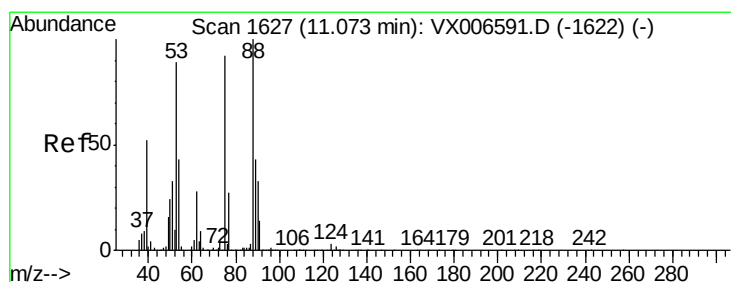
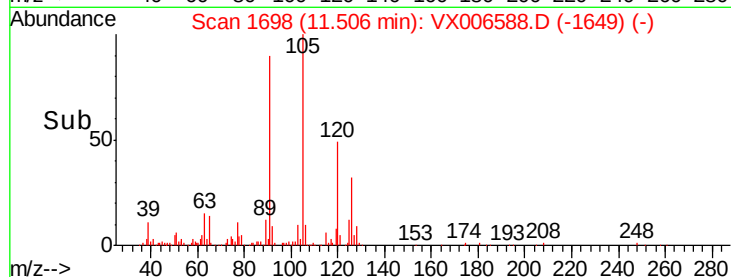
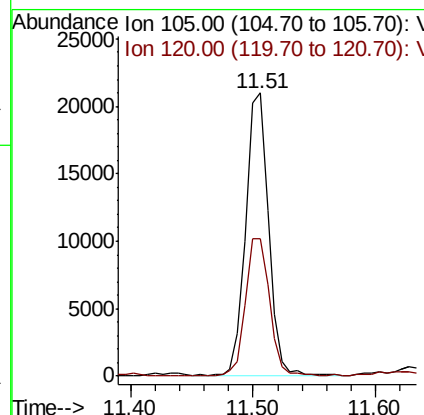
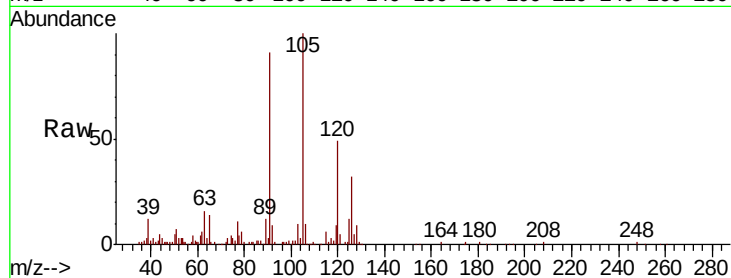
#80
 1,3,5-Trimethylbenzene
 Concen: 1.009 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX006588.D
 Acq: 18 Dec 2018 10:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
120	51.1	25.1	75.3

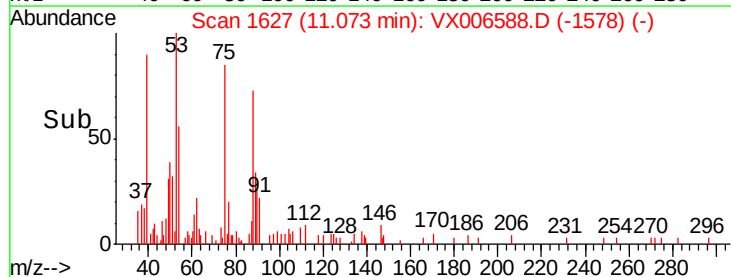
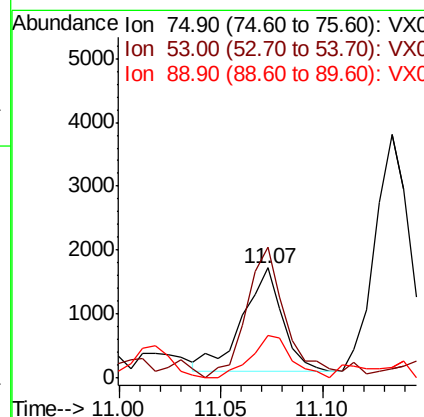
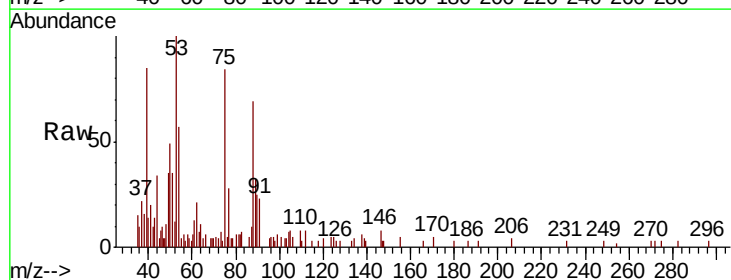
Manual Integrations
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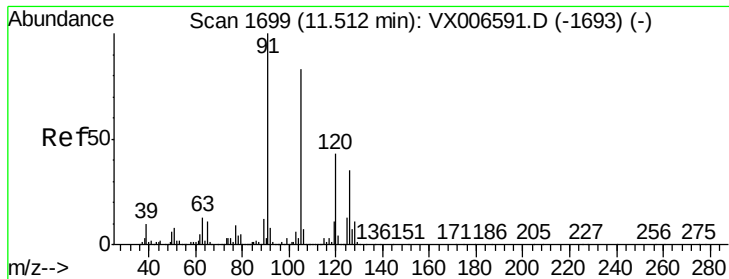
MMDadoda
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 0.899 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VX006588.D
 Acq: 18 Dec 2018 10:45

Tgt Ion	Ratio	Lower	Upper
75	100		
53	123.7	79.7	119.5#
89	41.3	38.0	57.0





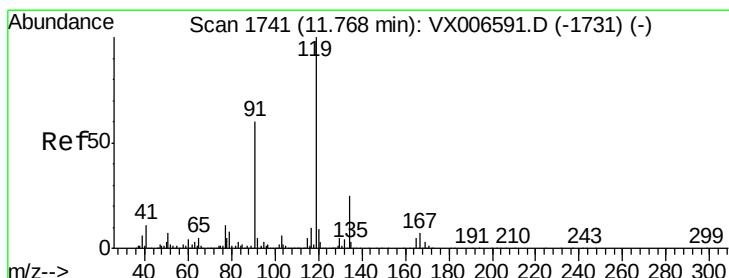
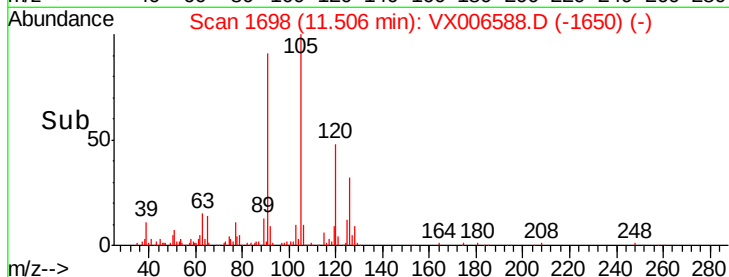
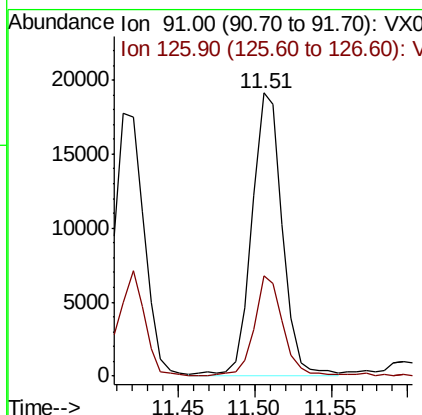
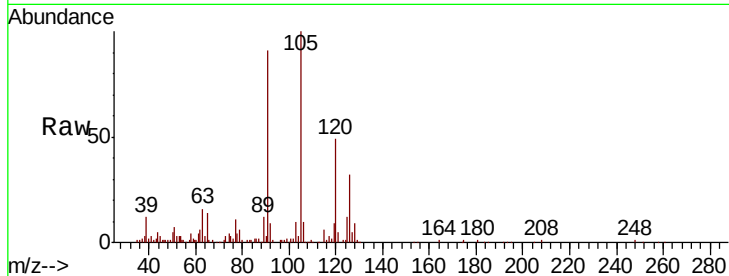
#82
4-Chlorotoluene
Concen: 1.050 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX006588.D
Acq: 18 Dec 2018 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 91 Resp: 26450
Ion Ratio Lower Upper
91 100
126 33.6 16.3 48.9

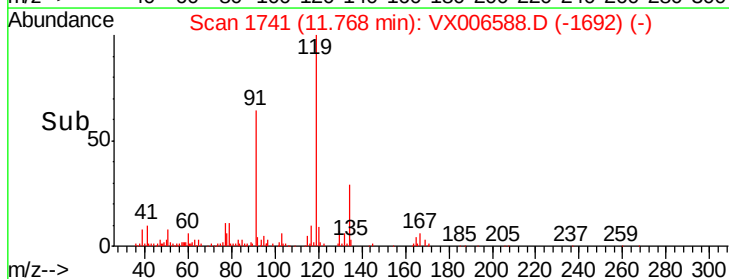
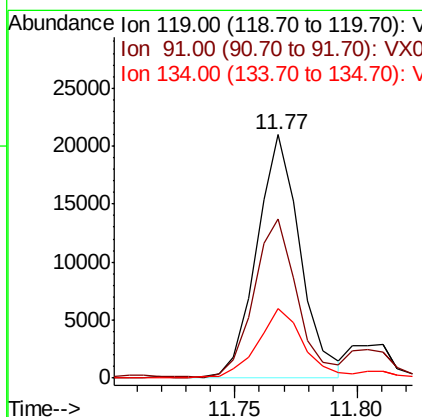
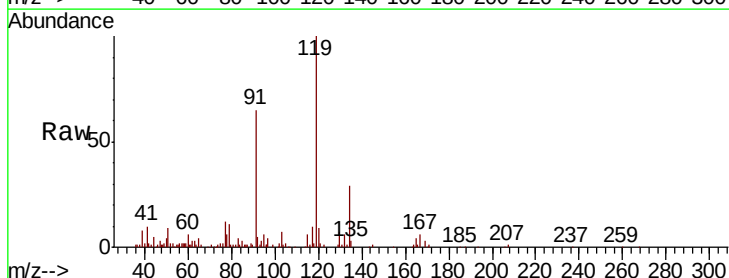
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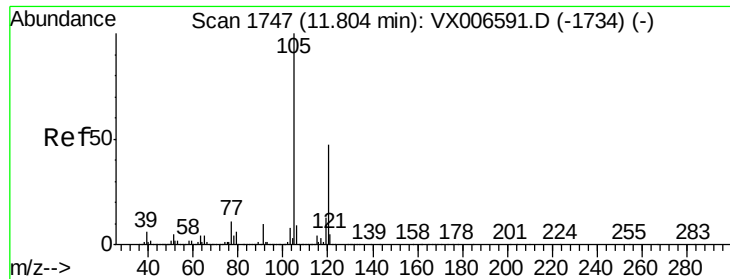
MMDadoda
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#83
tert-Butylbenzene
Concen: 0.963 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX006588.D
Acq: 18 Dec 2018 10:45

Tgt Ion: 119 Resp: 26131
Ion Ratio Lower Upper
119 100
91 65.7 27.7 83.1
134 30.5 11.9 35.5





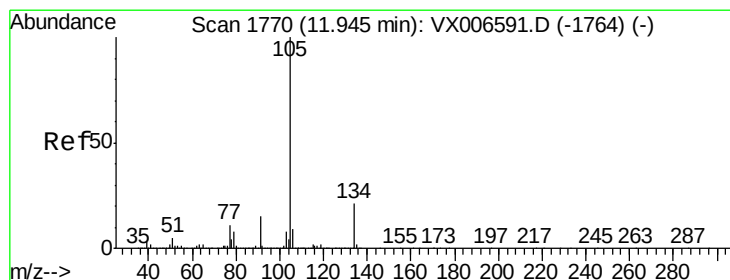
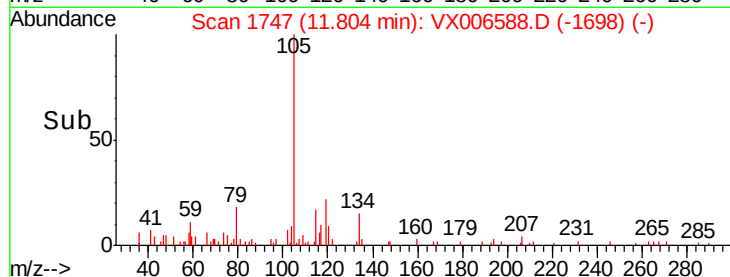
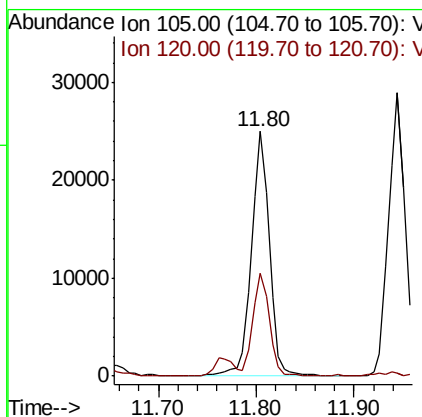
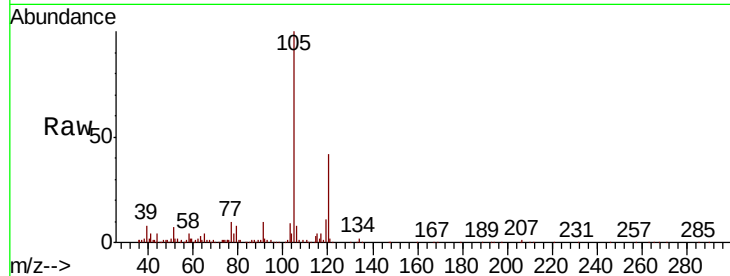
#84
 1,2,4-Trimethylbenzene
 Concen: 1.132 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX006588.D
 Acq: 18 Dec 2018 10:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
120	38.0	23.2	69.6

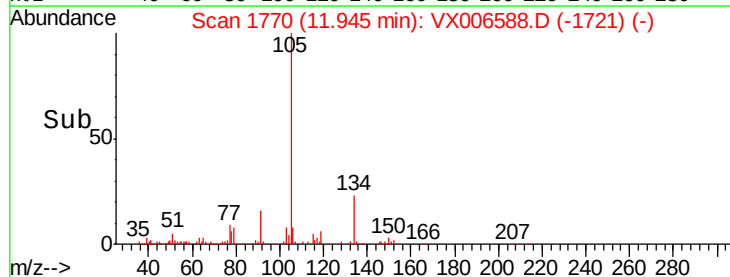
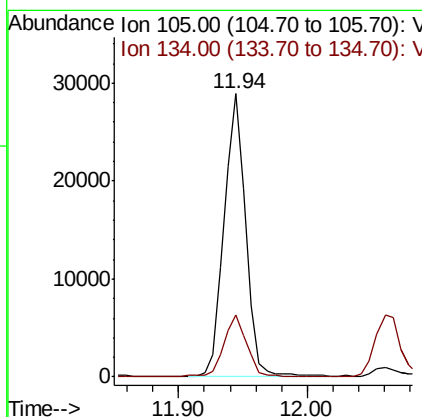
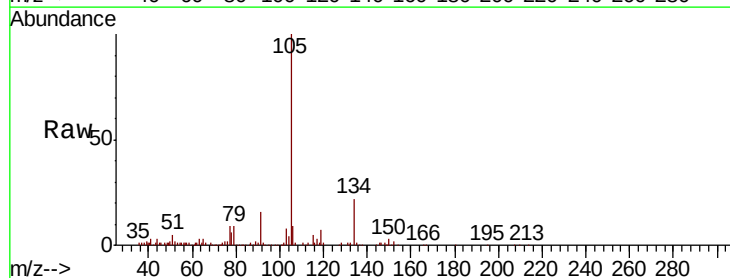
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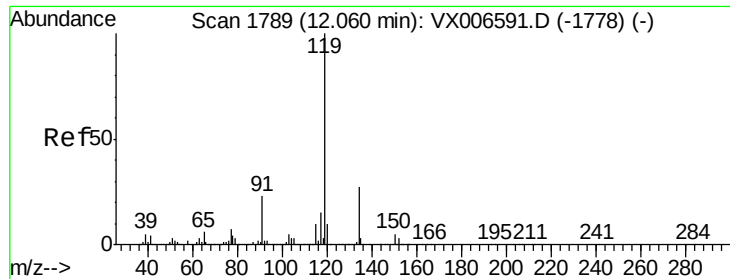
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#85
 sec-Butylbenzene
 Concen: 1.040 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX006588.D
 Acq: 18 Dec 2018 10:45

Tgt Ion	Ratio	Lower	Upper
105	100		
134	23.2	10.7	31.9





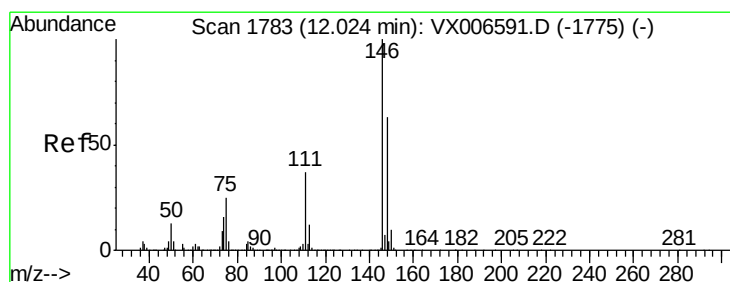
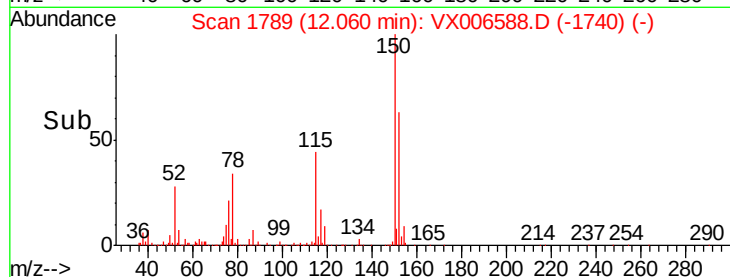
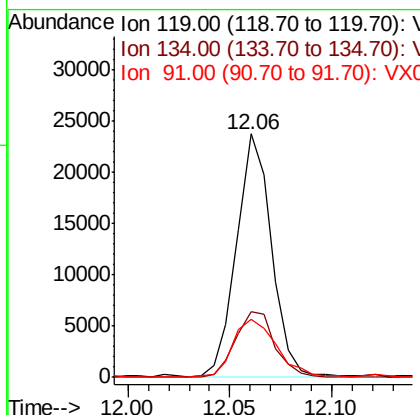
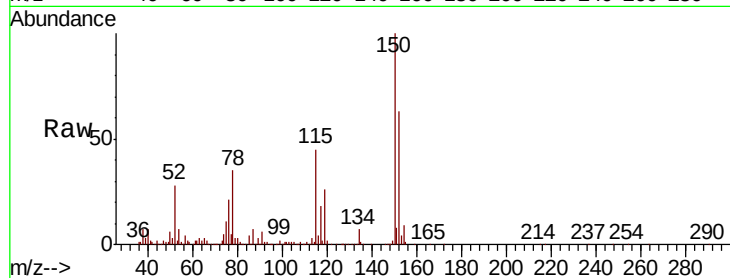
#86
 p-Isopropyltoluene
 Concen: 0.964 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX006588.D
 Acq: 18 Dec 2018 10:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
119	100	28180		
134	30.6	14.0	41.9	
91	30.2	11.3	33.9	

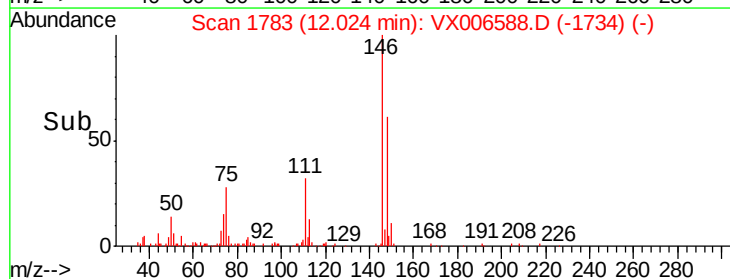
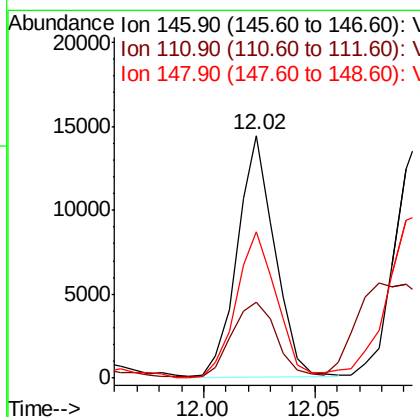
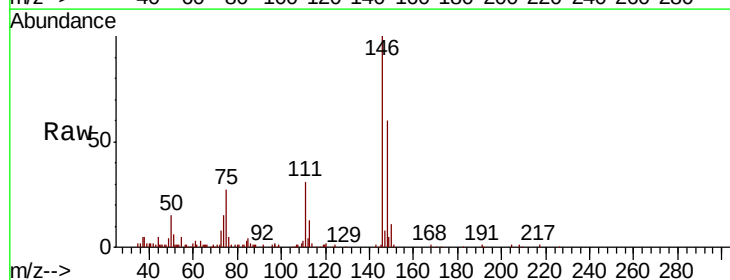
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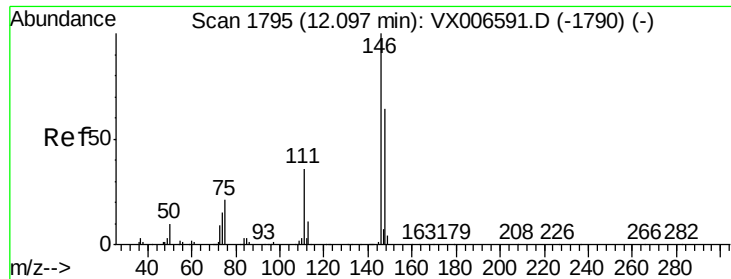
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#87
 1,3-Dichlorobenzene
 Concen: 1.051 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006588.D
 Acq: 18 Dec 2018 10:45

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	16857		
111	38.5	18.6	55.8	
148	66.2	31.8	95.3	





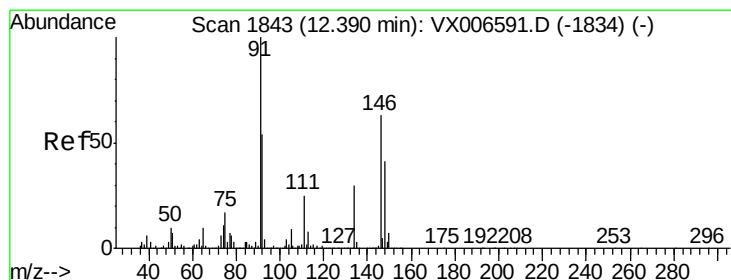
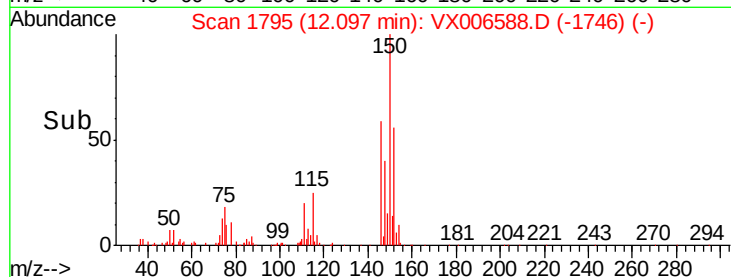
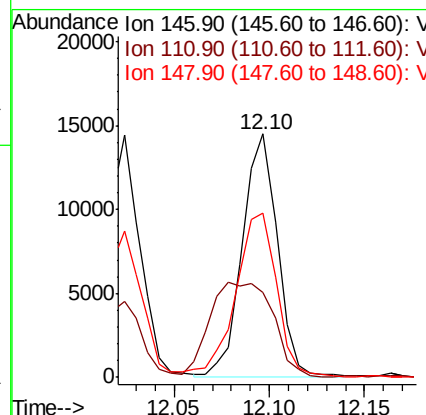
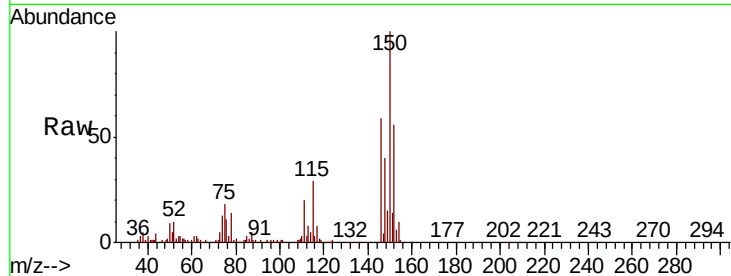
#88
 1,4-Dichlorobenzene
 Concen: 1.120 ug/l m
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006588.D
 Acq: 18 Dec 2018 10:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.3	18.1	54.1
148	60.5	31.9	95.9

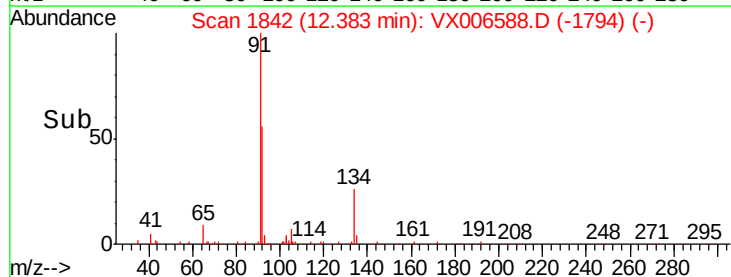
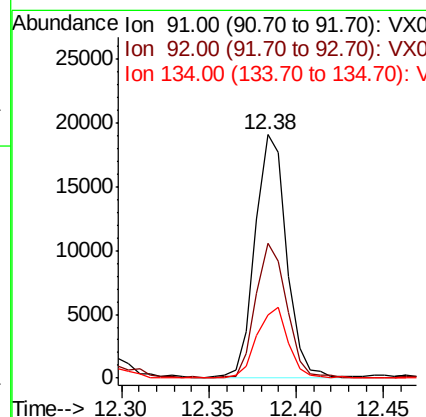
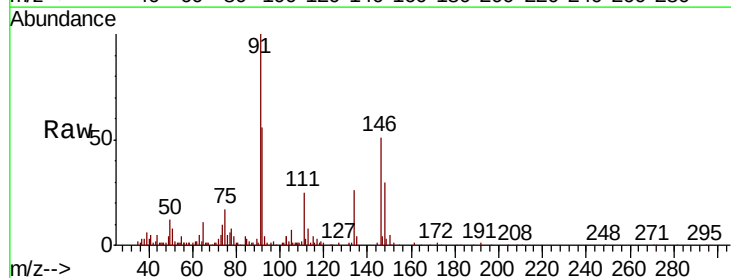
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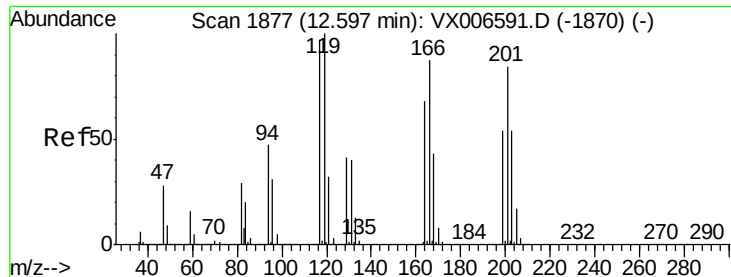
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#89
 n-Butylbenzene
 Concen: 0.966 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. -0.01 min
 Lab File: VX006588.D
 Acq: 18 Dec 2018 10:45

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.1	26.8	80.4
134	28.9	14.4	43.2





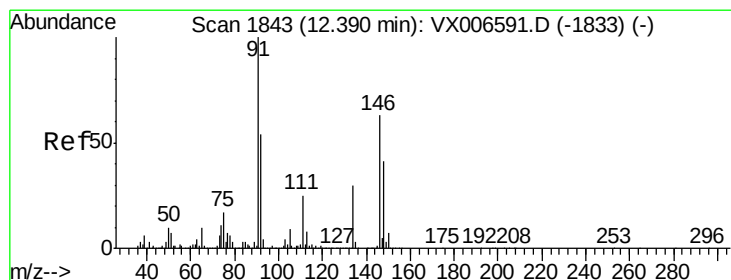
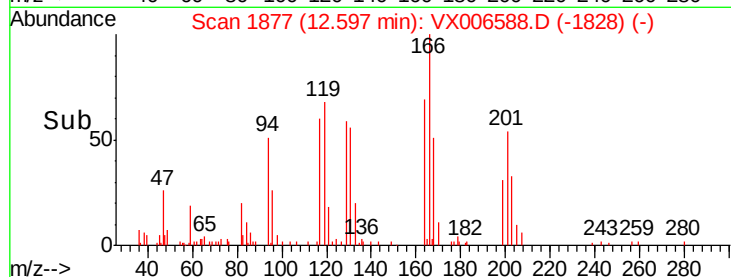
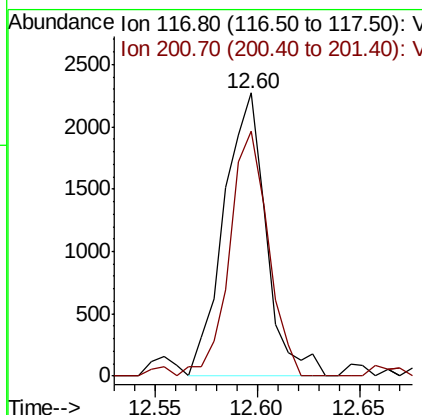
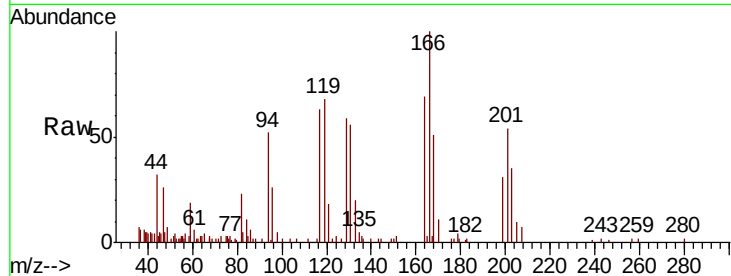
#90
Hexachloroethane
Concen: 0.818 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX006588.D
Acq: 18 Dec 2018 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:117 Resp: 3257
Ion Ratio Lower Upper
117 100
201 79.2 42.9 128.7

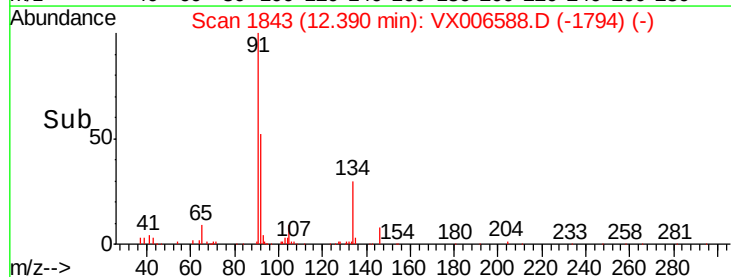
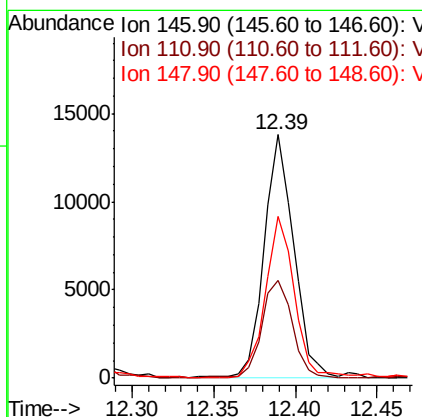
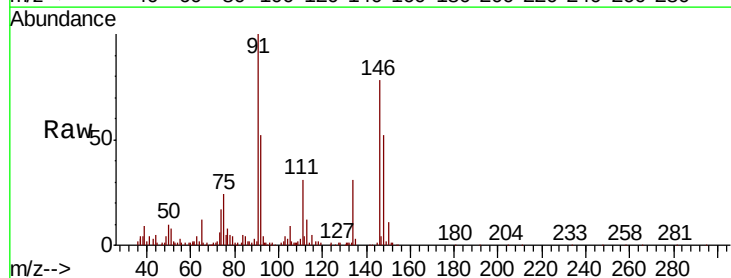
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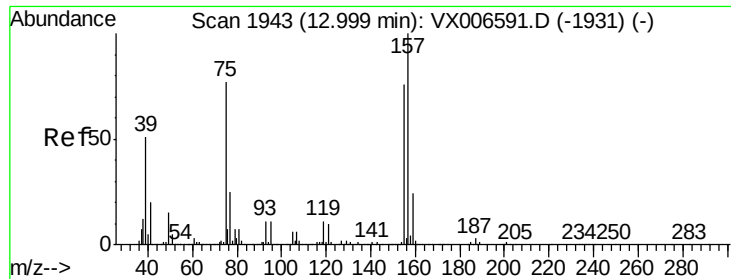
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#91
1,2-Dichlorobenzene
Concen: 1.081 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006588.D
Acq: 18 Dec 2018 10:45

Tgt Ion:146 Resp: 17344
Ion Ratio Lower Upper
146 100
111 41.7 19.4 58.2
148 66.2 32.3 96.9





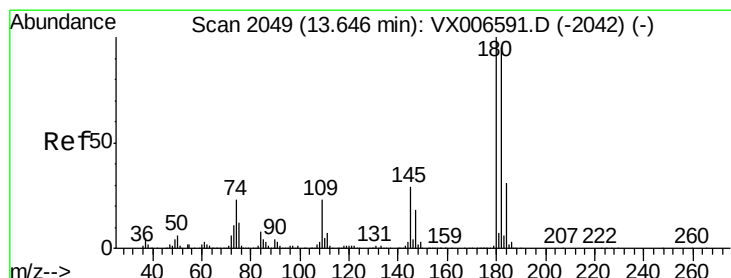
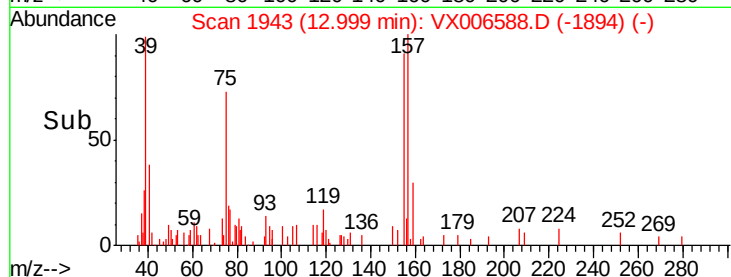
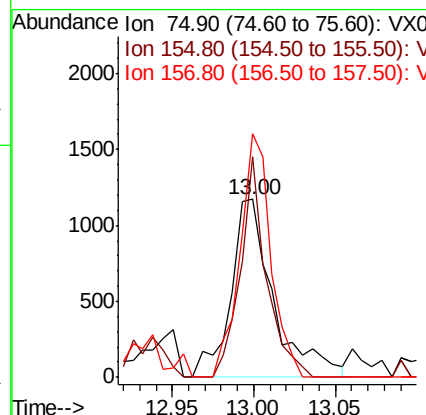
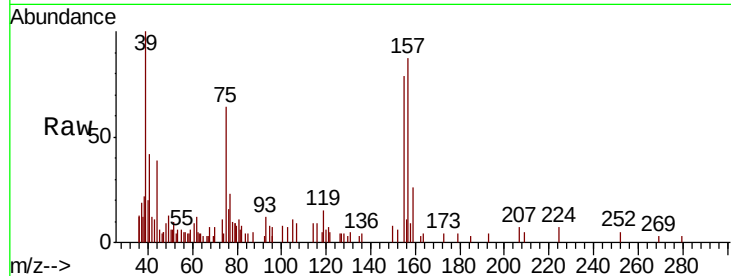
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.056 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX006588.D
 Acq: 18 Dec 2018 10:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
155	75.2	50.6	151.8
157	98.7	64.6	193.8

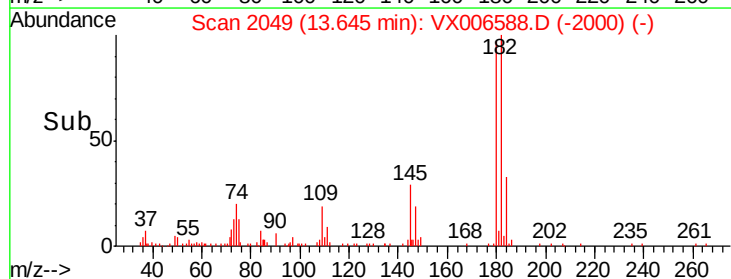
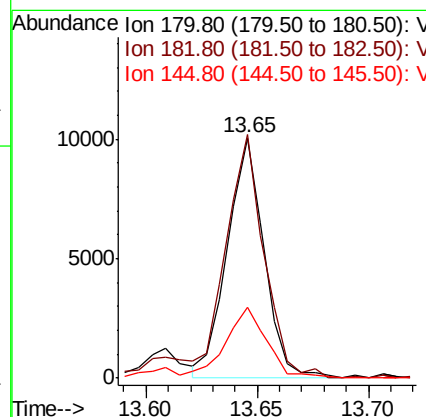
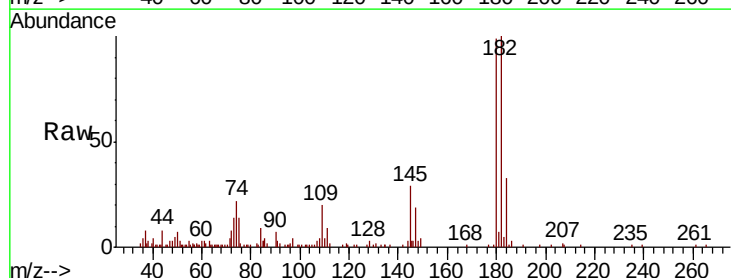
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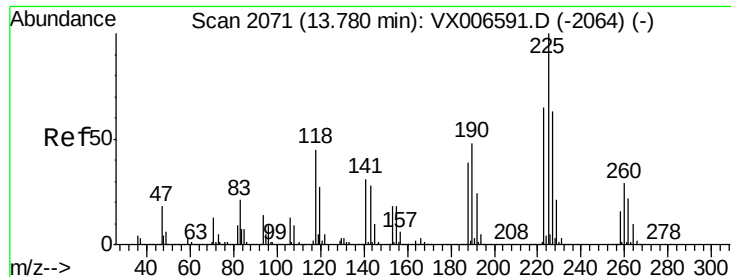
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#93
 1,2,4-Trichlorobenzene
 Concen: 1.045 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006588.D
 Acq: 18 Dec 2018 10:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	104.1	47.3	142.0
145	33.2	14.8	44.3





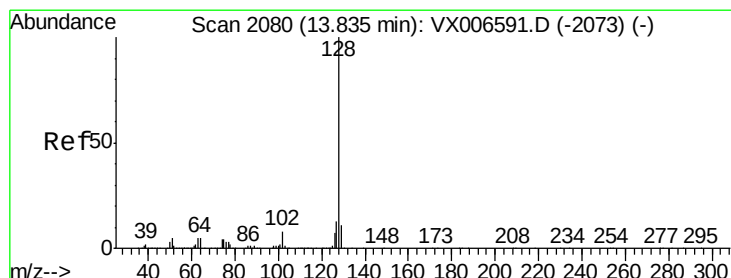
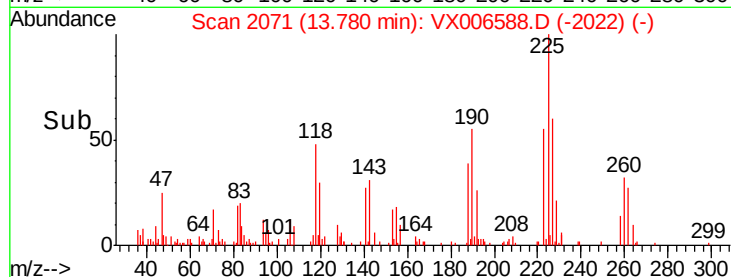
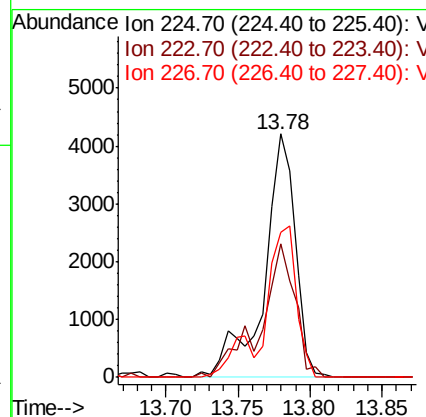
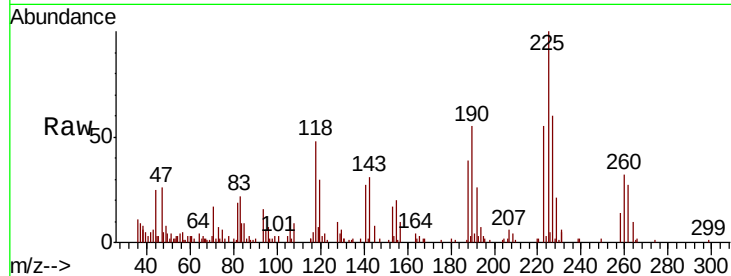
#94
Hexachlorobutadiene
Concen: 1.214 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX006588.D
Acq: 18 Dec 2018 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
225	100		
223	61.2	32.1	96.3
227	52.2	32.3	96.8

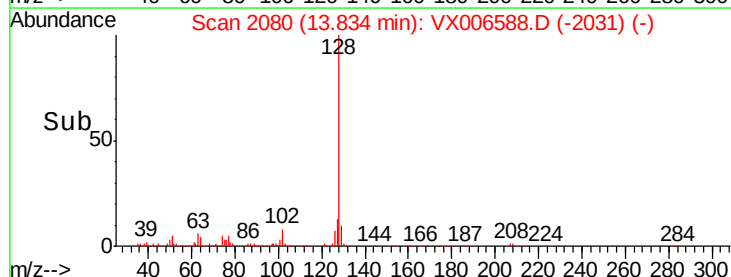
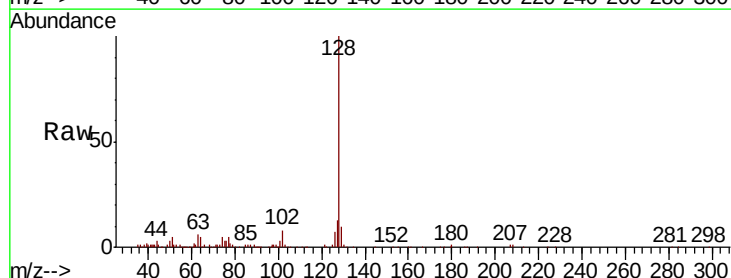
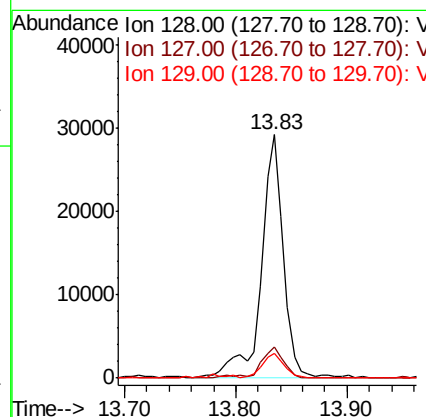
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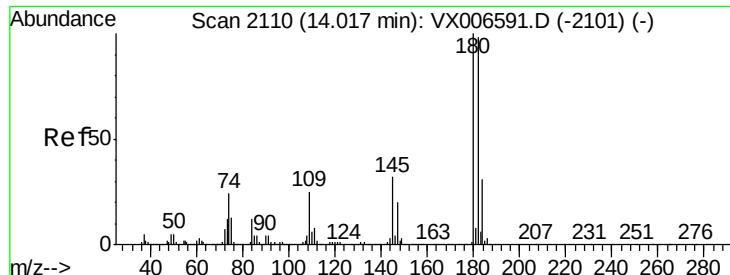
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#95
Naphthalene
Concen: 1.134 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006588.D
Acq: 18 Dec 2018 10:45

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.1	15.1
129	10.3	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 1.203 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX006588.D
 Acq: 18 Dec 2018 10:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.1	48.5	145.5
145	32.2	16.0	47.9

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