

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020819\
 Data File : VX007450.D
 Acq On : 08 Feb 2019 18:49
 Operator : JC/SP
 Sample : VX0208WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0208WBSD02

Manual Integrations
 APPROVED

MMDadoda
 2/11/2019 9:39:36 AM

Quant Time: Feb 08 23:27:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	454728	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	685090	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	622027	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	319996	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	248342	51.45	ug/l	0.00
Spiked Amount			Recovery	=	102.90%	
35) Dibromofluoromethane	5.50	113	223842	50.22	ug/l	0.00
Spiked Amount			Recovery	=	100.44%	
50) Toluene-d8	8.71	98	833394	50.39	ug/l	0.00
Spiked Amount			Recovery	=	100.78%	
62) 4-Bromofluorobenzene	11.13	95	296345	49.08	ug/l	0.00
Spiked Amount			Recovery	=	98.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	109946	19.783	ug/l	98
3) Chloromethane	1.33	50	96388	18.819	ug/l	99
4) Vinyl Chloride	1.41	62	103705	20.639	ug/l	100
5) Bromomethane	1.64	94	84412	16.663	ug/l	97
6) Chloroethane	1.73	64	68436	21.054	ug/l	99
7) Trichlorofluoromethane	1.93	101	159858	20.337	ug/l	100
8) Diethyl Ether	2.19	74	60988	20.614	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	90750	19.409	ug/l	99
10) Methyl Iodide	2.51	142	102836	14.951	ug/l	99
11) Tert butyl alcohol	3.07	59	115564	115.696	ug/l	99
12) 1,1-Dichloroethene	2.38	96	87241	20.094	ug/l	99
13) Acrolein	2.30	56	43442	92.747	ug/l	97
14) Allyl chloride	2.73	41	145942	20.630	ug/l	99
15) Acrylonitrile	3.15	53	262241	106.128	ug/l	99
16) Acetone	2.45	43	233126	105.443	ug/l	97
17) Carbon Disulfide	2.57	76	208063	19.670	ug/l	99
18) Methyl Acetate	2.78	43	137872	24.243	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	289144	20.556	ug/l	98
20) Methylene Chloride	2.86	84	98716	21.636	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	89440	19.338	ug/l	92
22) Diisopropyl ether	3.87	45	269217	20.689	ug/l	99
23) Vinyl Acetate	3.82	43	1112641	103.039	ug/l	99
24) 1,1-Dichloroethane	3.70	63	152611	20.422	ug/l	98
25) 2-Butanone	4.70	43	337734	107.339	ug/l	99
26) 2,2-Dichloropropane	4.59	77	104392	18.343	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	100502	19.895	ug/l	99
28) Bromochloromethane	5.02	49	63697	18.535	ug/l	97
29) Tetrahydrofuran	5.15	42	219063	110.701	ug/l	99
30) Chloroform	5.21	83	162632	20.856	ug/l	99
31) Cyclohexane	5.57	56	129243	19.256	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	135276	20.552	ug/l	99
36) 1,1-Dichloropropene	5.80	75	114120	18.565	ug/l	98
37) Ethyl Acetate	4.85	43	125796	20.245	ug/l	98
38) Carbon Tetrachloride	5.78	117	116448	19.527	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	139243	18.723	ug/l	97
40) Benzene	6.14	78	362380	20.013	ug/l	98
41) Methacrylonitrile	5.06	41	67038	20.130	ug/l	97
42) 1,2-Dichloroethane	6.20	62	121163	19.340	ug/l	99
43) Isopropyl Acetate	6.46	43	196965	20.536	ug/l	99
44) Trichloroethene	7.21	130	104373	19.139	ug/l	99
45) 1,2-Dichloropropane	7.52	63	91034	20.066	ug/l	99
46) Dibromomethane	7.66	93	64400	19.531	ug/l	99
47) Bromodichloromethane	7.90	83	110671	19.804	ug/l	98
48) Methyl methacrylate	7.77	41	101739	21.207	ug/l	99
49) 1,4-Dioxane	7.75	88	46822	433.087	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	661563	104.780	ug/l	100
52) Toluene	8.79	92	230904	19.765	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	114763	19.119	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	130415	19.757	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	95895	19.692	ug/l	97
56) Ethyl methacrylate	9.18	69	138874	20.590	ug/l	96
57) 1,3-Dichloropropane	9.37	76	155078	20.025	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	347880	97.857	ug/l	99
59) 2-Hexanone	9.49	43	510848	103.975	ug/l	100
60) Dibromochloromethane	9.58	129	94014	20.413	ug/l	99
61) 1,2-Dibromoethane	9.67	107	104393	20.243	ug/l	98
64) Tetrachloroethene	9.33	164	107052	18.260	ug/l	99
65) Chlorobenzene	10.14	112	265377	19.551	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	92315	20.285	ug/l	99
67) Ethyl Benzene	10.25	91	434937	19.897	ug/l	99
68) m/p-Xylenes	10.36	106	335319	38.590	ug/l	99
69) o-Xylene	10.69	106	166255	19.884	ug/l	99
70) Styrene	10.71	104	268226	19.781	ug/l	99
71) Bromoform	10.85	173	69663	20.076	ug/l	98
73) Isopropylbenzene	11.02	105	441093	20.284	ug/l	99
74) N-amyl acetate	10.90	43	173207	20.593	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	146402	22.091	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	134741m	21.648	ug/l	
77) Bromobenzene	11.26	156	120728	19.705	ug/l	99
78) n-propylbenzene	11.36	91	489391	20.524	ug/l	100
79) 2-Chlorotoluene	11.42	91	290412	20.072	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	361818	20.338	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	34426	19.878	ug/l	94
82) 4-Chlorotoluene	11.51	91	333271	19.906	ug/l	100
83) tert-Butylbenzene	11.77	119	364289	20.682	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	371306	20.558	ug/l	99
85) sec-Butylbenzene	11.94	105	439652	20.624	ug/l	99
86) p-Isopropyltoluene	12.06	119	381756	19.838	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	213541	19.420	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	214466	19.225	ug/l	98
89) n-Butylbenzene	12.39	91	321057	19.394	ug/l	99
90) Hexachloroethane	12.60	117	57096	19.825	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	213664	19.525	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	28865	20.947	ug/l	98

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ClientSampleId :
VX0208WBSD02

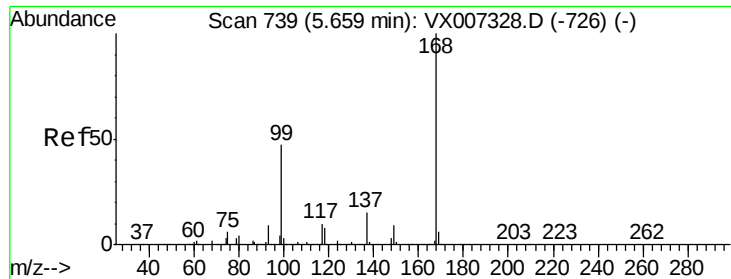
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	141226	19.137	ug/l	99
94) Hexachlorobutadiene	13.78	225	67481	18.831	ug/l	99
95) Naphthalene	13.83	128	446712	20.700	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	142344	19.162	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Instrument :

MSVOA_X

ClientSampleId :

VX0208WBSD02

Tot Ion:168 Resp: 454728

Ion Ratio Lower Upper

168 100

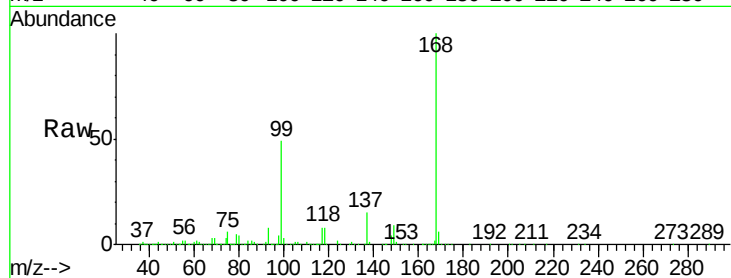
99 48.8 37.9 56.9

Manual Integrations

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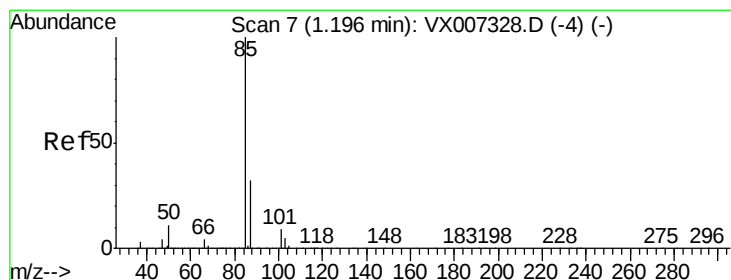
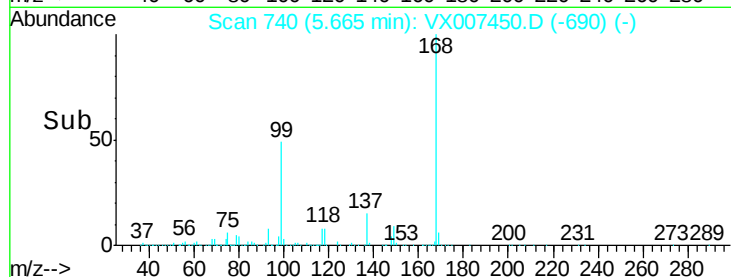
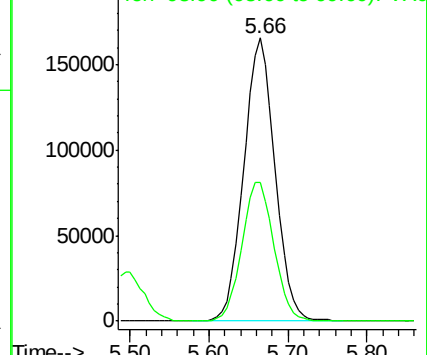
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.783 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007450.D

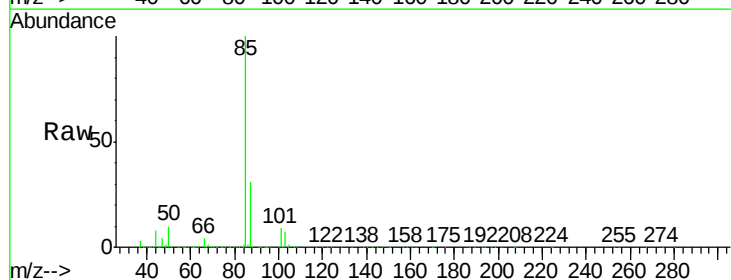
Acq: 08 Feb 2019 18:49

Tgt Ion: 85 Resp: 109946

Ion Ratio Lower Upper

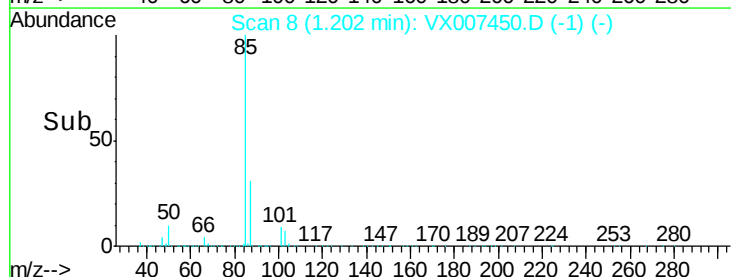
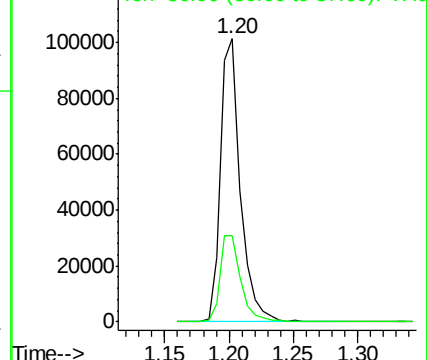
85 100

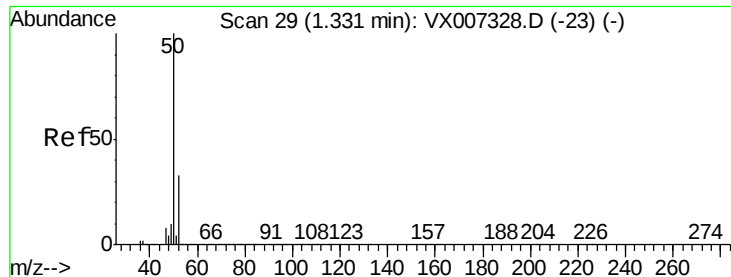
87 30.7 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.819 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Instrument :

MSVOA_X

ClientSampleId :

VX0208WBSD02

Tot Ion: 50 Resp: 96388

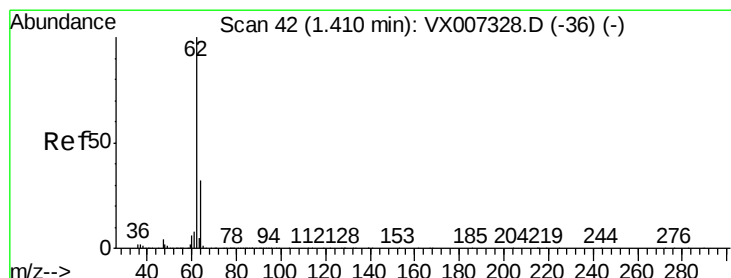
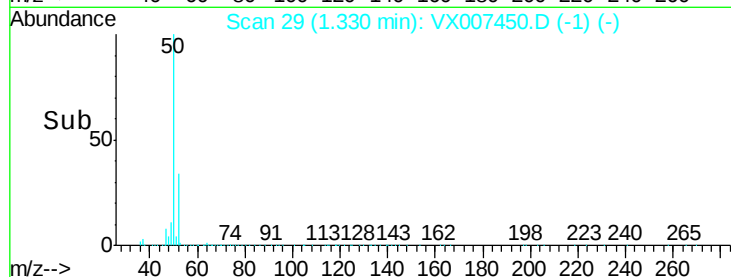
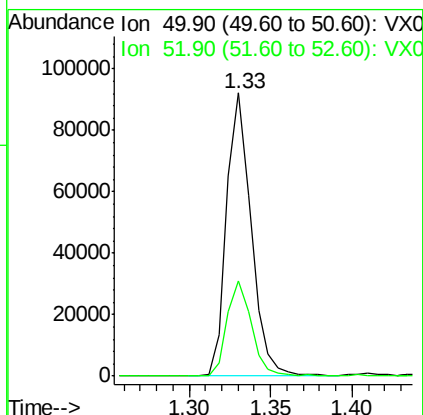
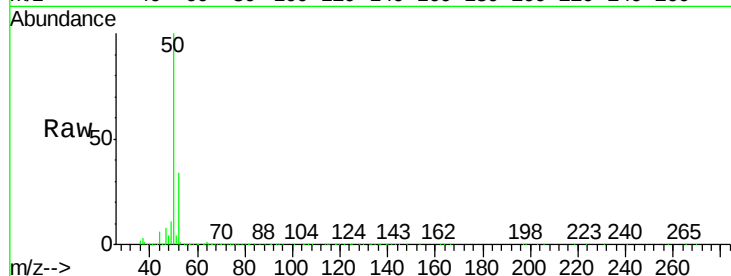
Ion Ratio Lower Upper

50 100

52 33.4 26.1 39.1

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#4

Vinyl Chloride

Concen: 20.639 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007450.D

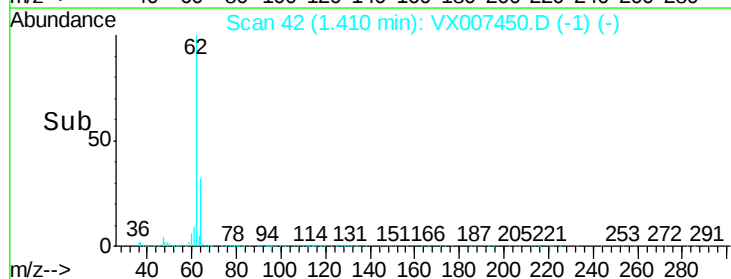
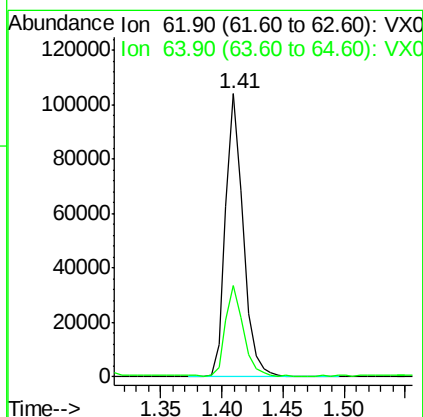
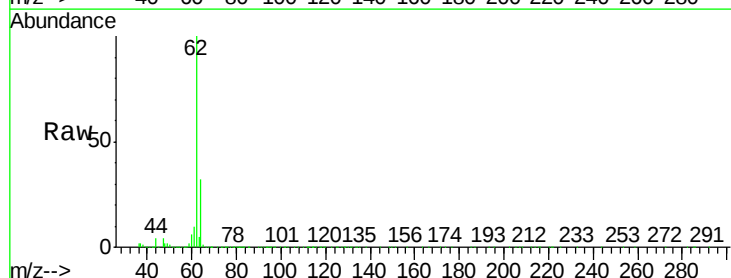
Acq: 08 Feb 2019 18:49

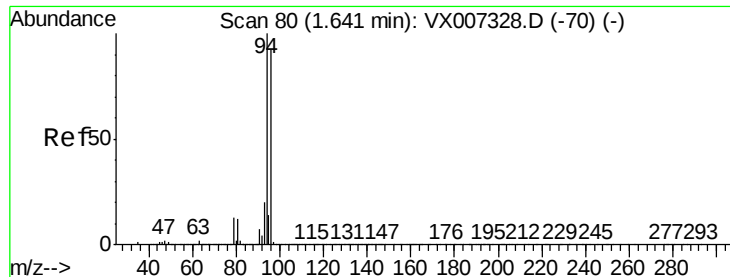
Tgt Ion: 62 Resp: 103705

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.0





#5

Bromomethane

Concen: 16.663 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Instrument :

MSVOA_X

ClientSampleId :

VX0208WBSD02

Tot Ion: 94 Resp: 84412

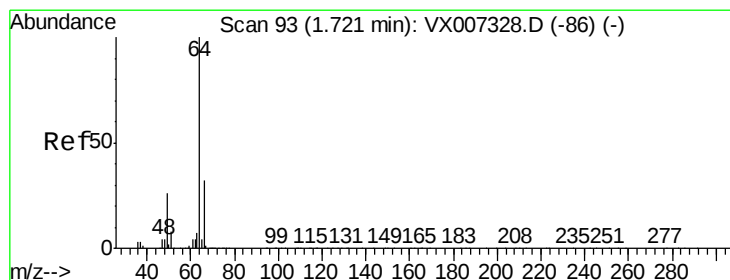
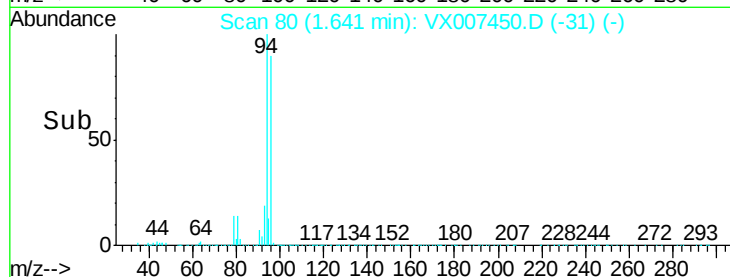
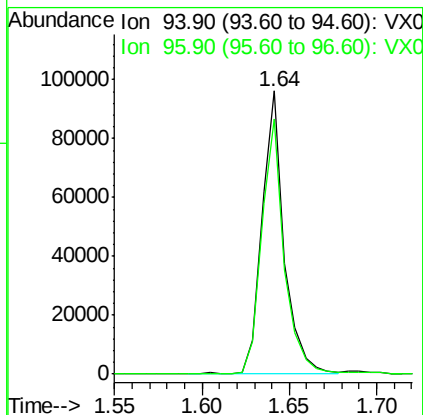
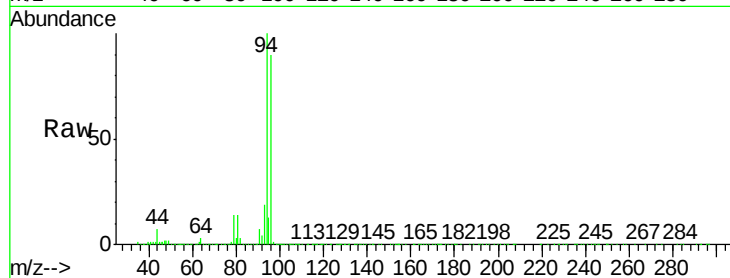
Ion Ratio Lower Upper

94 100

96 89.9 73.9 110.9

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#6

Chloroethane

Concen: 21.054 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007450.D

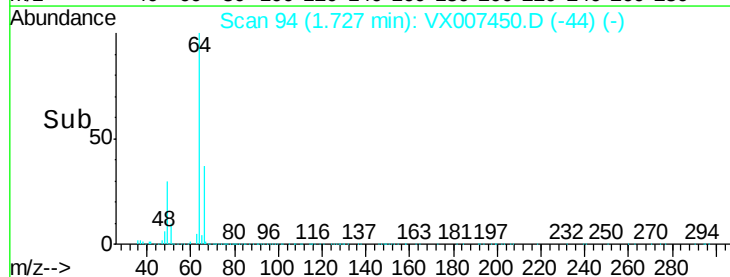
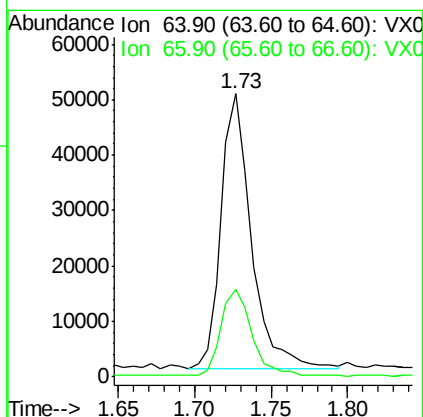
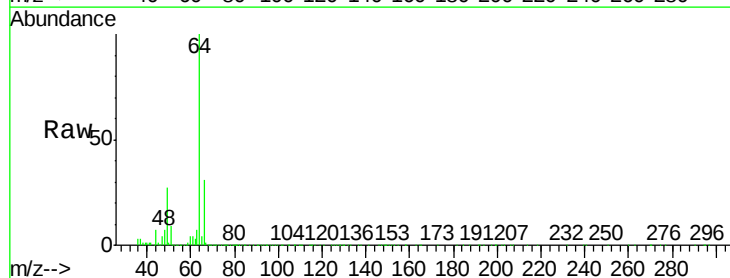
Acq: 08 Feb 2019 18:49

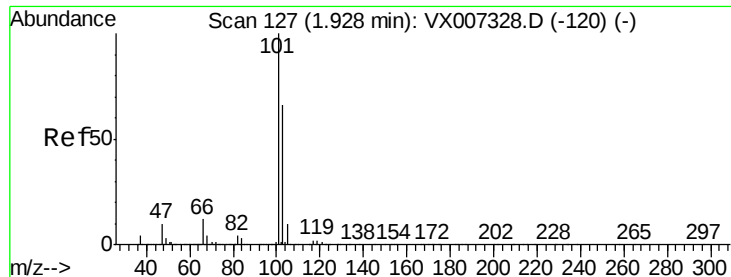
Tgt Ion: 64 Resp: 68436

Ion Ratio Lower Upper

64 100

66 31.4 25.5 38.3





#7

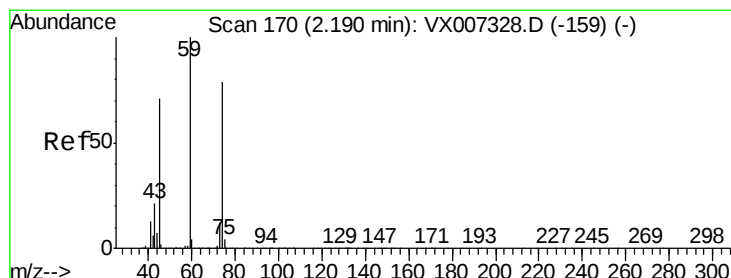
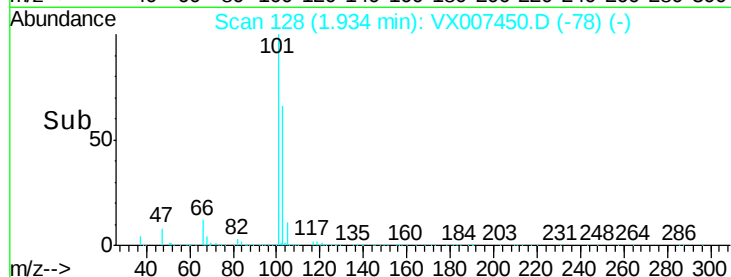
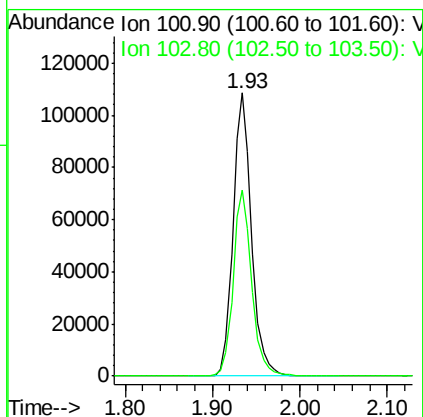
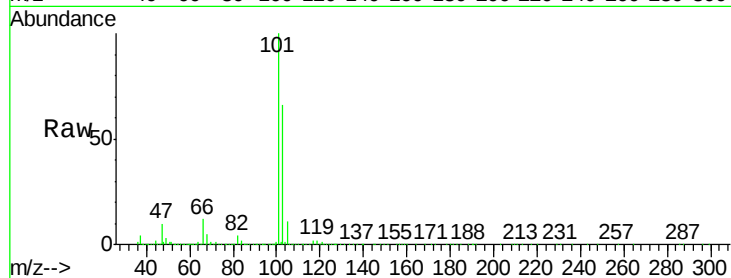
Trichlorofluoromethane
Concen: 20.337 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

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VX0208WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.8	52.6	79.0

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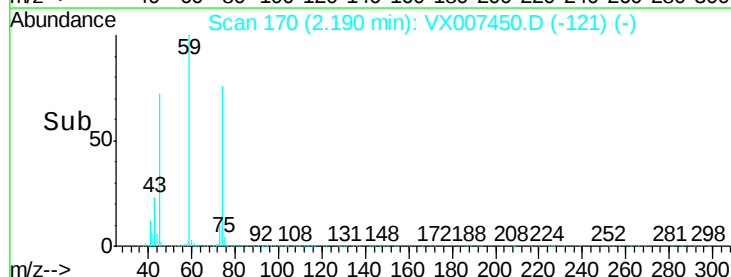
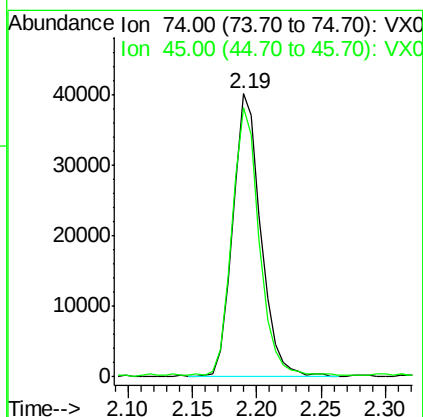
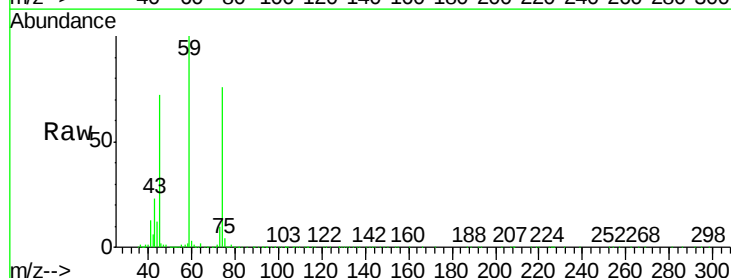
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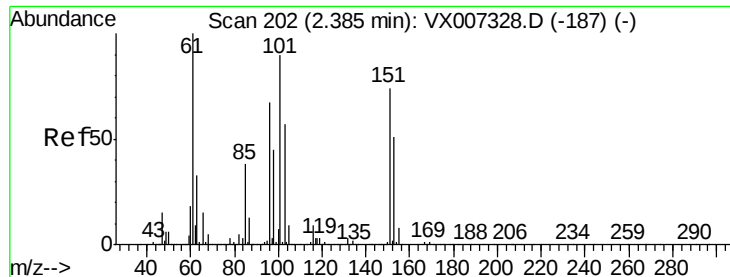


#8

Diethyl Ether
Concen: 20.614 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.2	45.7	137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.409 ug/l

RT: 2.38 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Instrument :

MSVOA_X

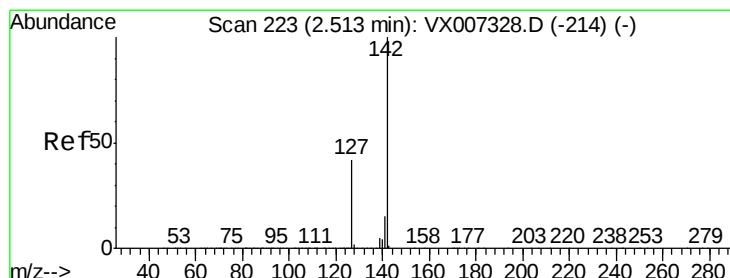
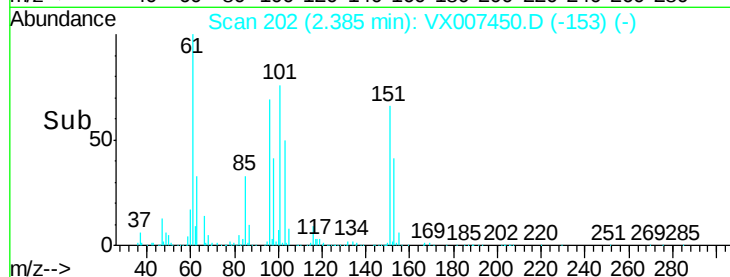
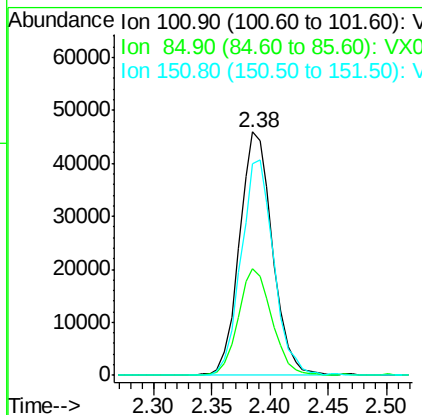
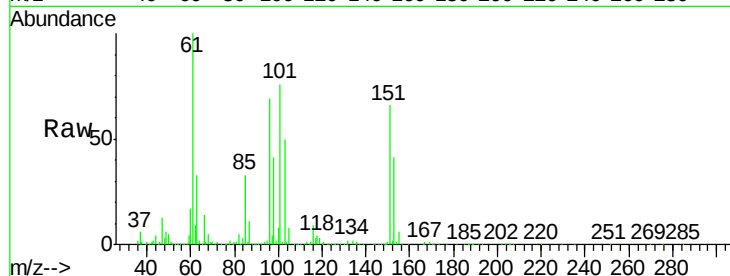
ClientSampleId :

VX0208WBSD02

Tot Ion:	101	Resp:	90750
Ion Ratio	Lower	Upper	
101	100		
85	43.9	34.1	51.1
151	87.2	69.9	104.9

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#10

Methyl Iodide

Concen: 14.951 ug/l

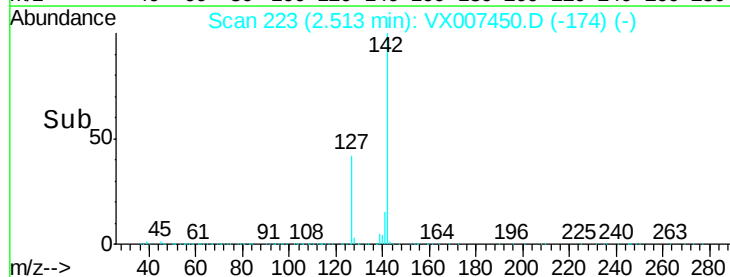
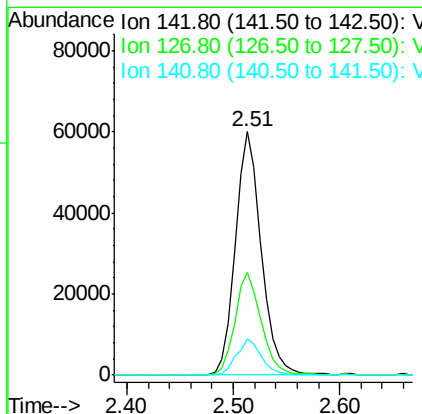
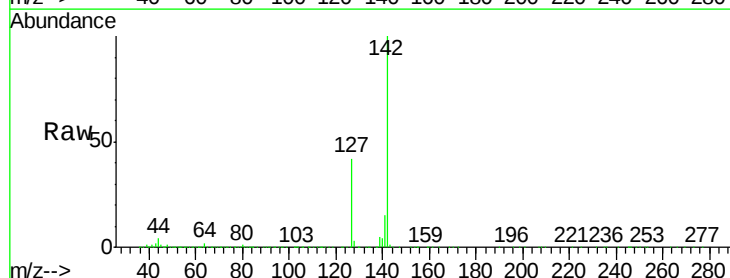
RT: 2.51 min Scan# 223

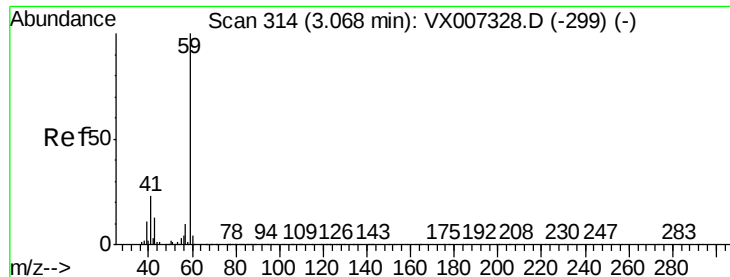
Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Tgt Ion:	142	Resp:	102836
Ion Ratio	Lower	Upper	
142	100		
127	42.7	33.7	50.5
141	14.6	11.3	16.9





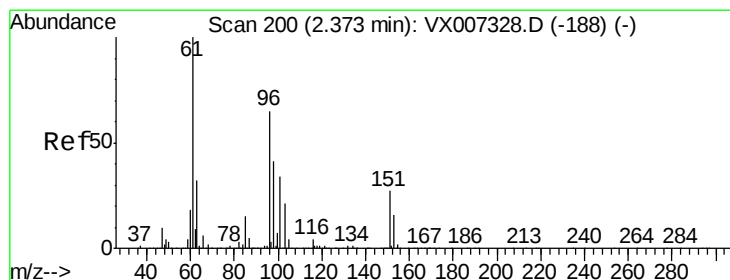
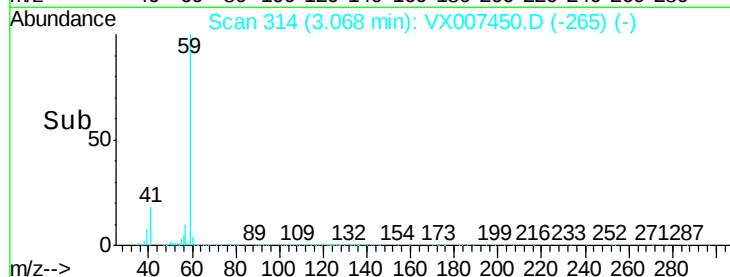
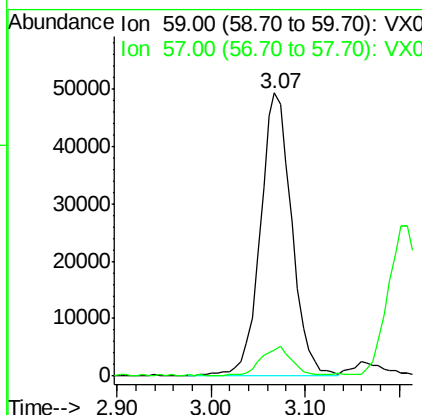
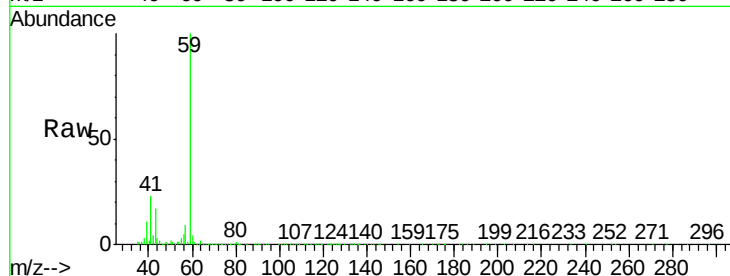
#11
Tert butyl alcohol
Concen: 115.696 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.00 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

Instrument :
MSVOA_X
ClientSampleId :
VX0208WBSD02

Tot Ion: 59 Resp: 115564
Ion Ratio Lower Upper
59 100
57 9.8 8.1 12.1

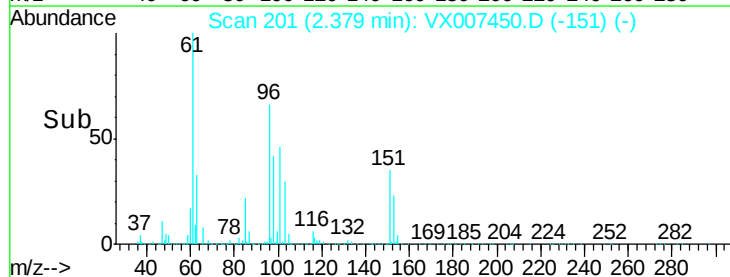
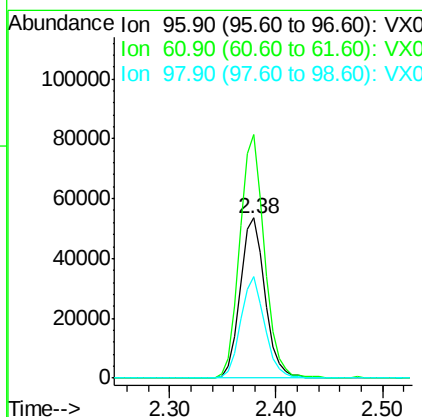
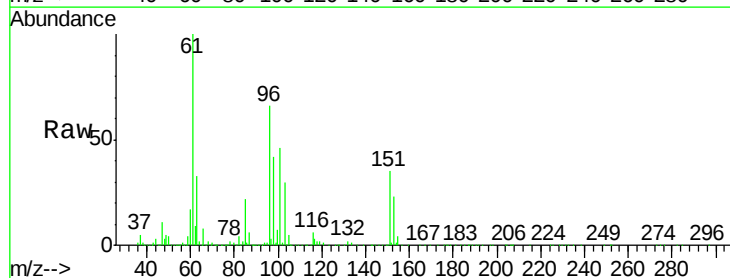
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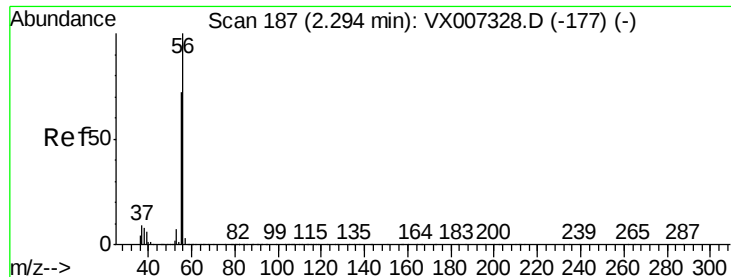
MMDadoda
2/11/2019 9:39:36 AM



#12
1,1-Dichloroethene
Concen: 20.094 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

Tgt Ion: 96 Resp: 87241
Ion Ratio Lower Upper
96 100
61 152.1 123.0 184.4
98 63.3 50.9 76.3





#13

Acrolein

Concen: 92.747 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Instrument :

MSVOA_X

ClientSampleId :

VX0208WBSD02

Tot Ion: 56 Resp: 43442

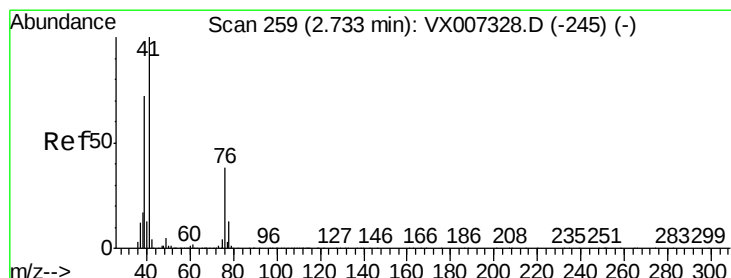
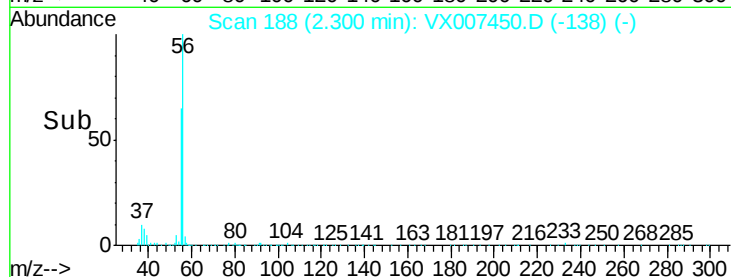
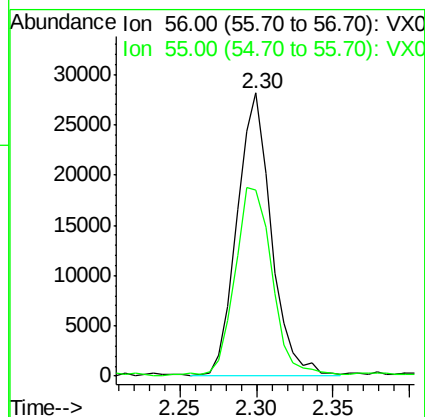
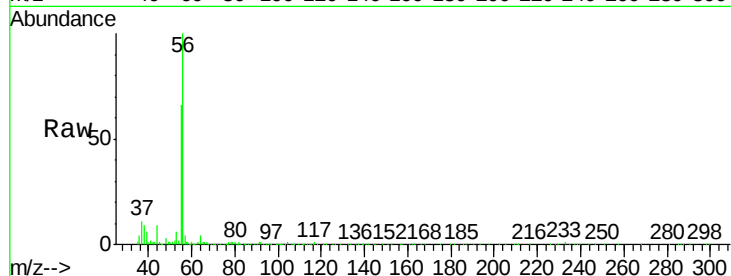
Ion Ratio Lower Upper

56 100

55 73.8 56.9 85.3

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#14

Allyl chloride

Concen: 20.630 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

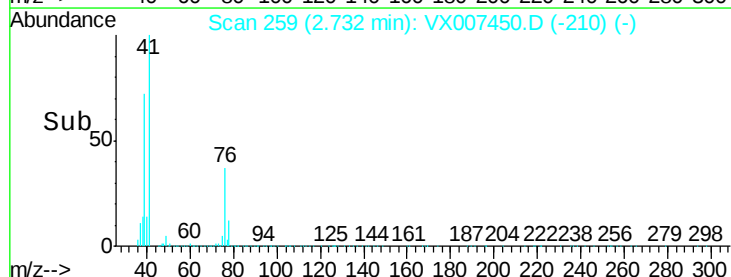
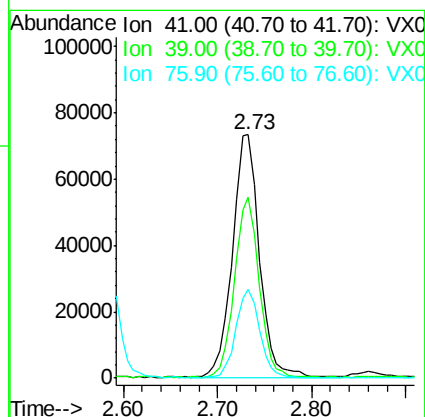
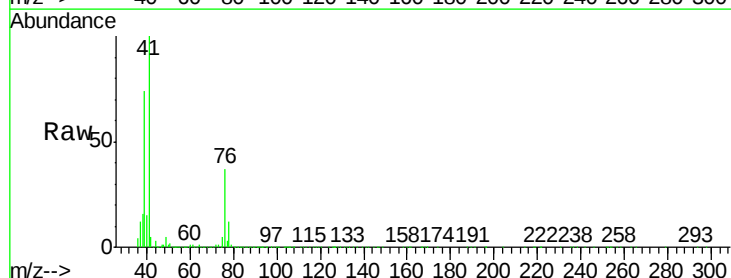
Tgt Ion: 41 Resp: 145942

Ion Ratio Lower Upper

41 100

39 67.3 54.1 81.1

76 32.7 27.8 41.8





#15

Acrylonitrile

Concen: 106.128 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Instrument :

MSVOA_X

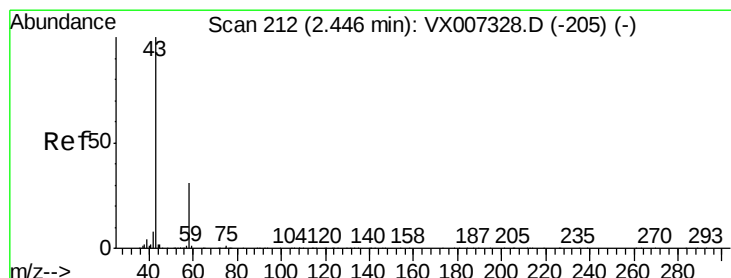
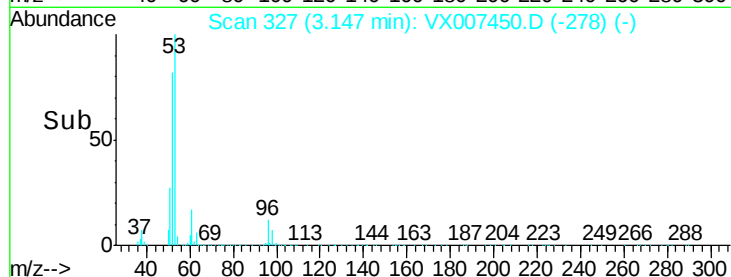
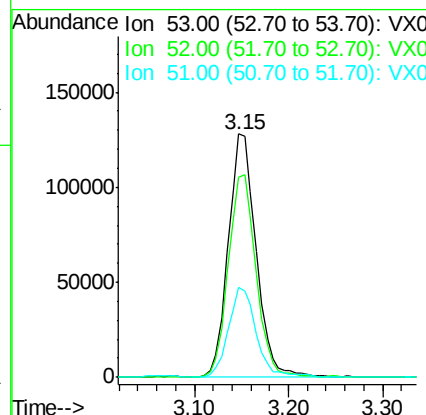
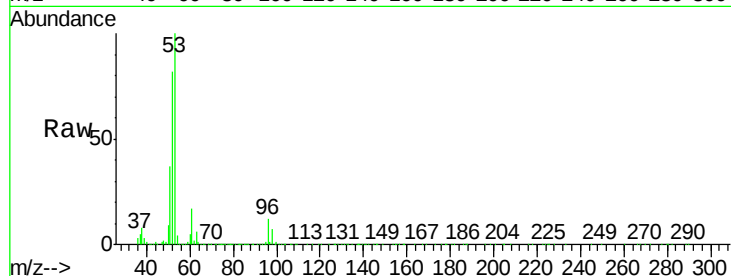
ClientSampleId :

VX0208WBSD02

Tot Ion:	53	Resp:	262241
Ion Ratio		Lower	Upper
53	100		
52	82.8	66.4	99.6
51	36.7	28.4	42.6

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#16

Acetone

Concen: 105.443 ug/l

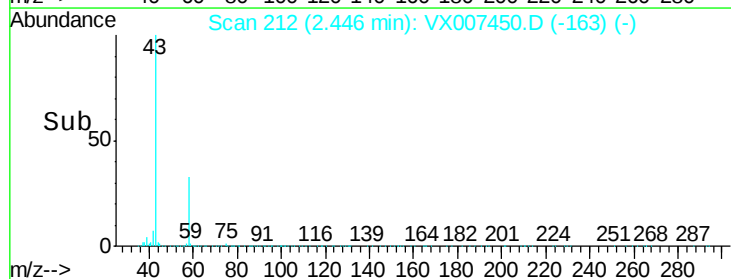
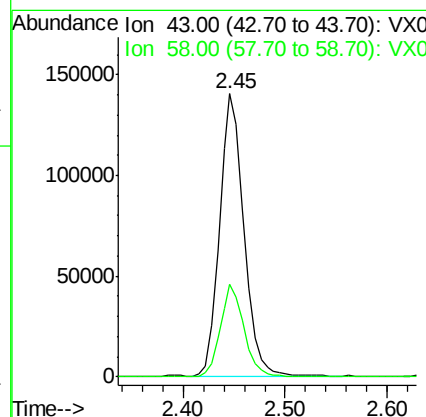
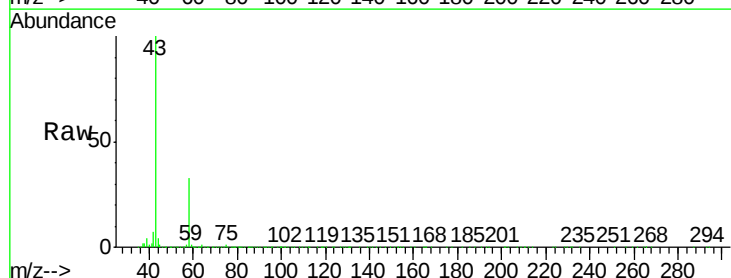
RT: 2.45 min Scan# 212

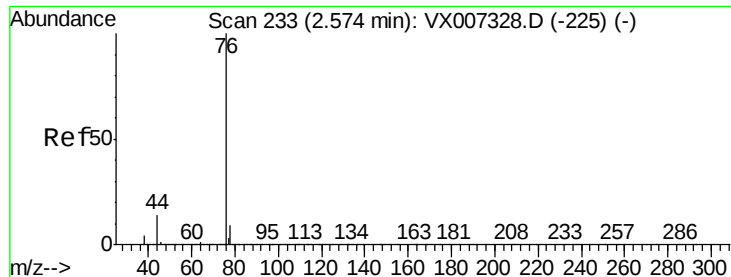
Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Tgt Ion:	43	Resp:	233126
Ion Ratio		Lower	Upper
43	100		
58	32.6	24.9	37.3





#17

Carbon Disulfide

Concen: 19.670 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Instrument :

MSVOA_X

ClientSampleId :

VX0208WBSD02

Tot Ion: 76 Resp: 208063

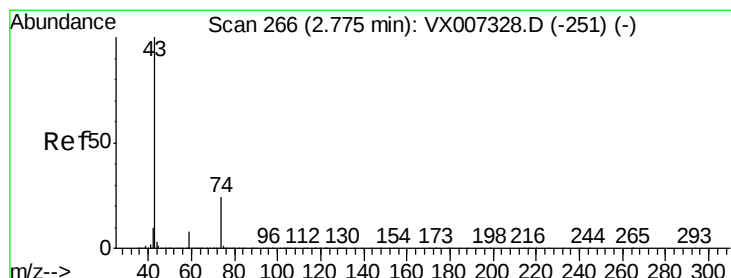
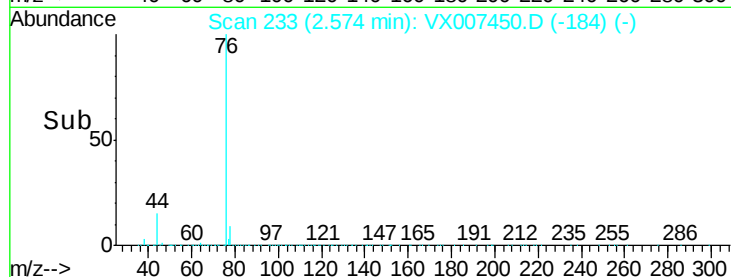
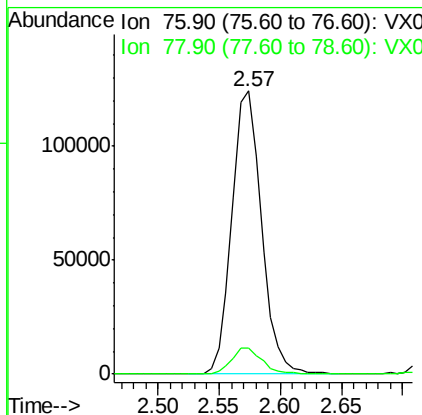
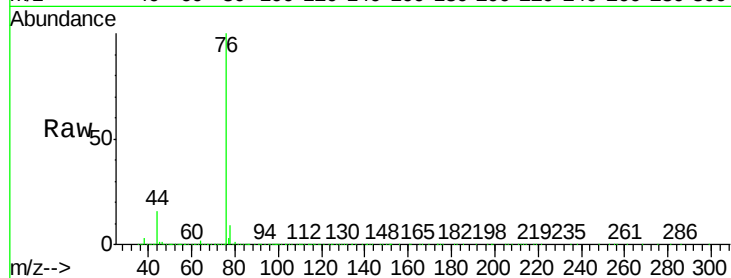
Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7

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#18

Methyl Acetate

Concen: 24.243 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX007450.D

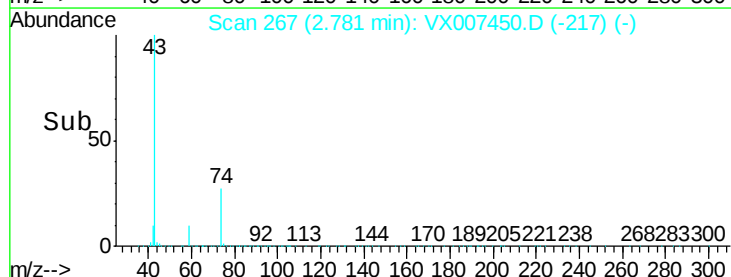
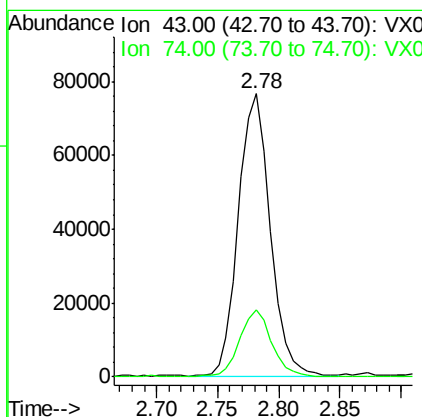
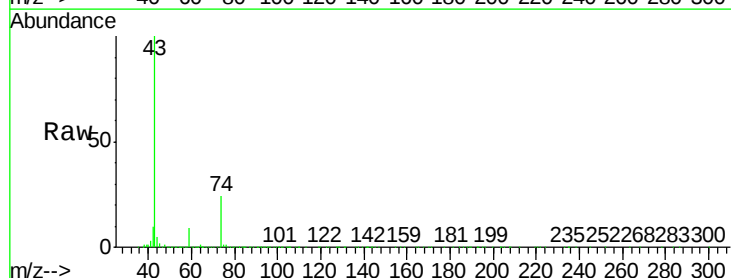
Acq: 08 Feb 2019 18:49

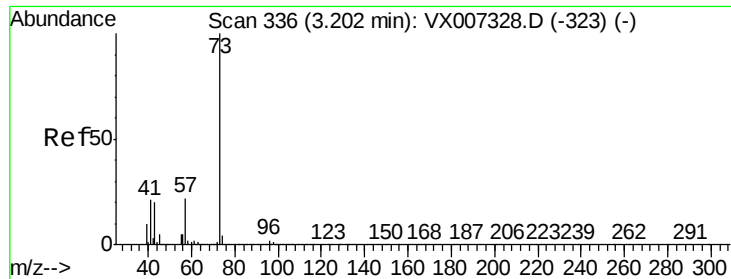
Tgt Ion: 43 Resp: 137872

Ion Ratio Lower Upper

43 100

74 24.0 19.4 29.2





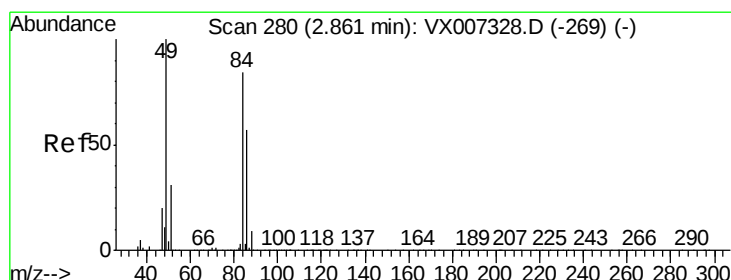
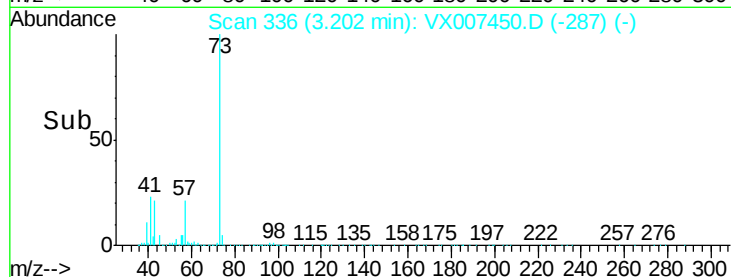
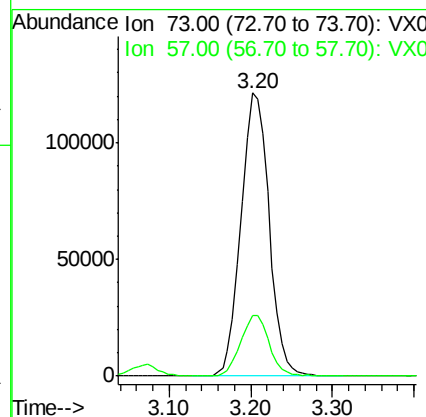
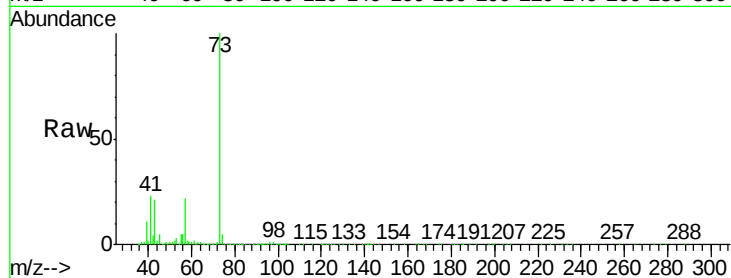
#19
Methvl tert-butvl Ether
Concen: 20.556 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

Instrument :
MSVOA_X
ClientSampleId :
VX0208WBSD02

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.8	26.8

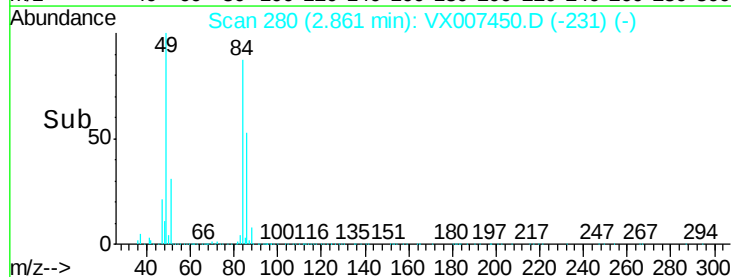
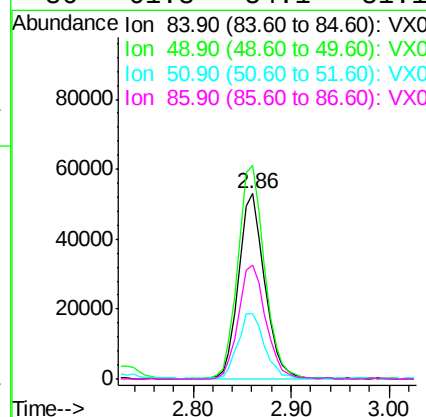
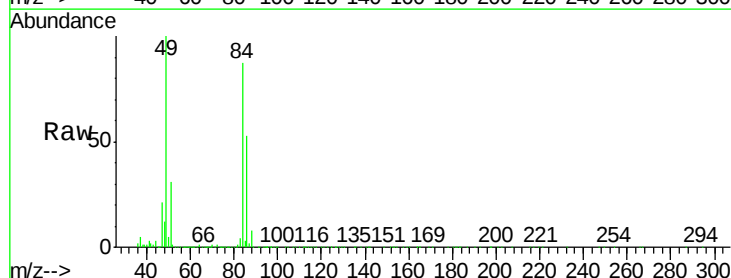
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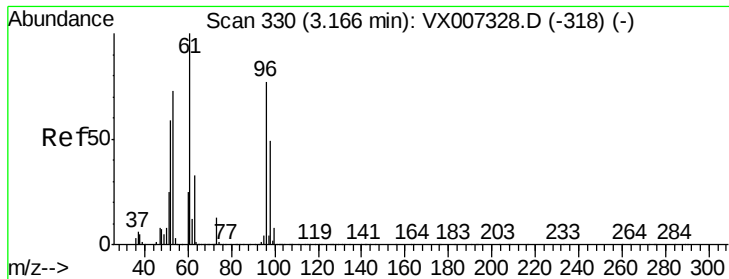
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#20
Methylene Chloride
Concen: 21.636 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

Tgt Ion	Ratio	Lower	Upper
84	100		
49	114.9	94.8	142.2
51	35.2	29.8	44.8
86	61.3	54.1	81.1





#21

trans-1,2-Dichloroethene

Concen: 19.338 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Instrument :

MSVOA_X

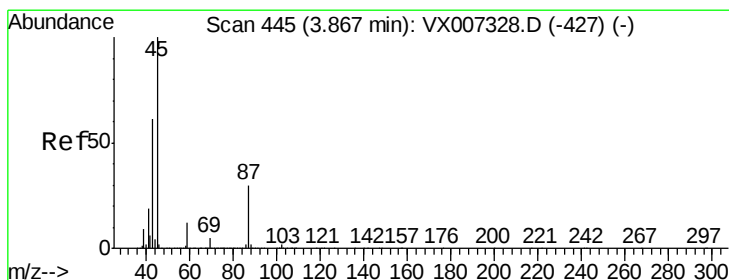
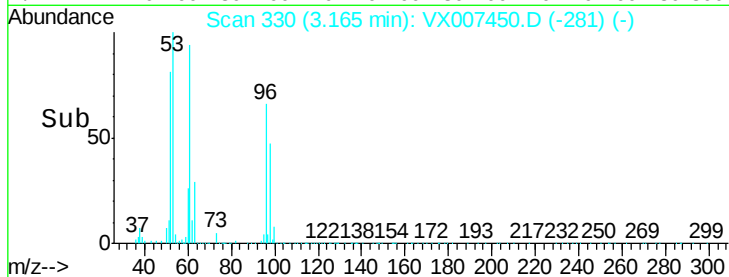
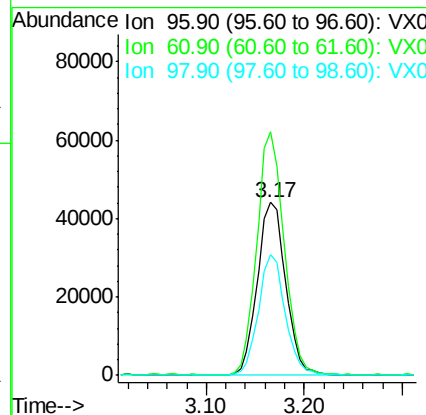
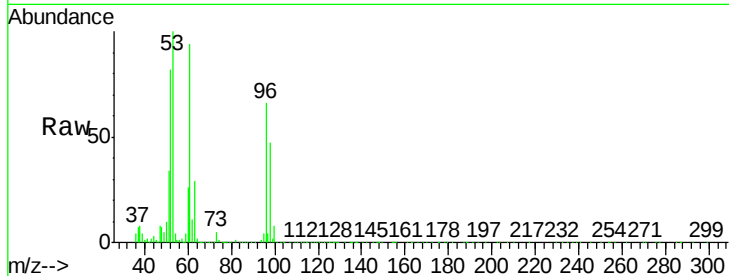
ClientSampleId :

VX0208WBSD02

Tot Ion:	96	Resp:	89440
Ion	Ratio	Lower	Upper
96	100		
61	140.3	104.6	156.8
98	70.2	51.0	76.4

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#22

Diisopropyl ether

Concen: 20.689 ug/l

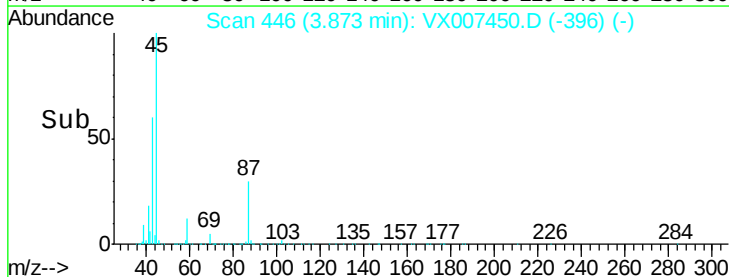
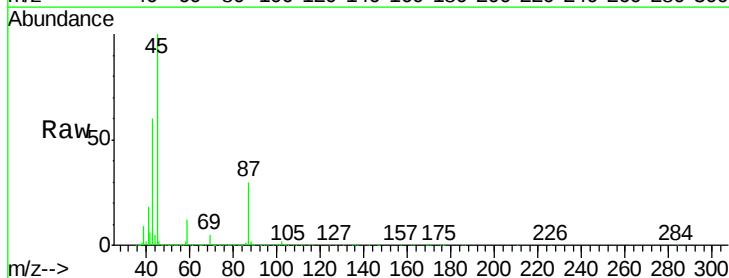
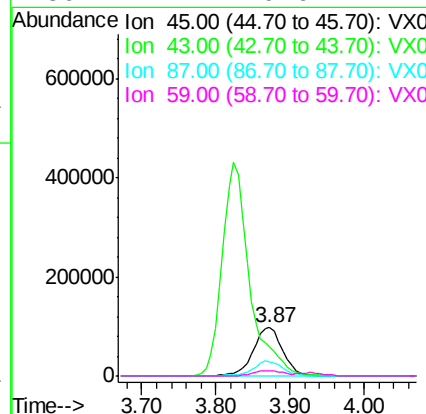
RT: 3.87 min Scan# 446

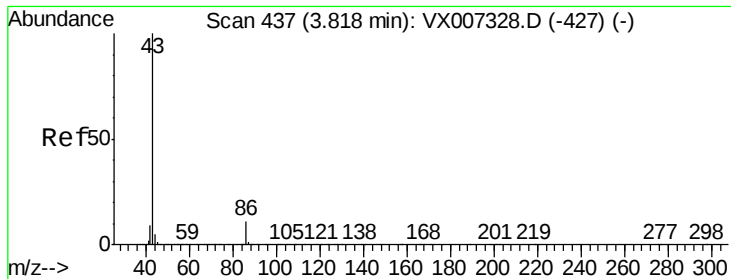
Delta R.T. 0.01 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Tgt Ion:	45	Resp:	269217
Ion	Ratio	Lower	Upper
45	100		
43	59.8	48.9	73.3
87	30.4	23.9	35.9
59	11.7	9.6	14.4





#23

Vinyl Acetate

Concen: 103.039 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Instrument :

MSVOA_X

ClientSampleId :

VX0208WBSD02

Tot Ion: 43 Resp: 1112641

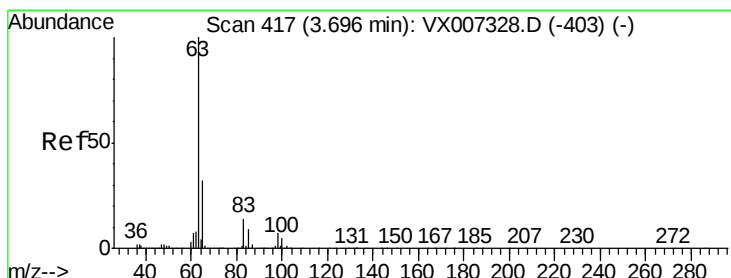
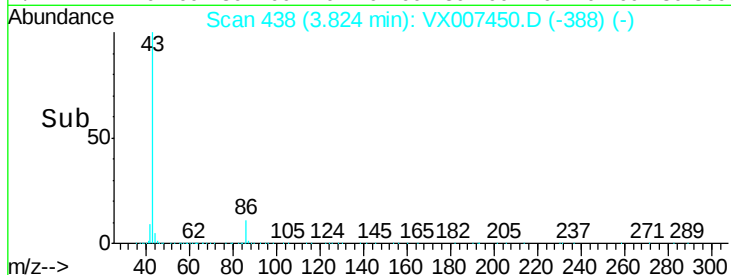
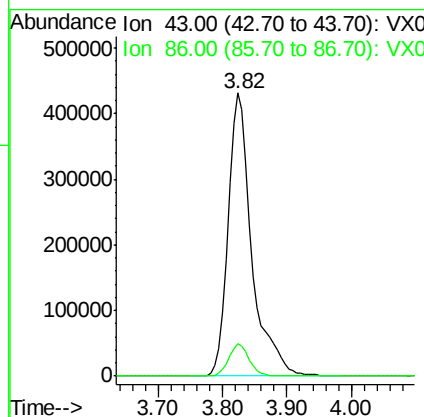
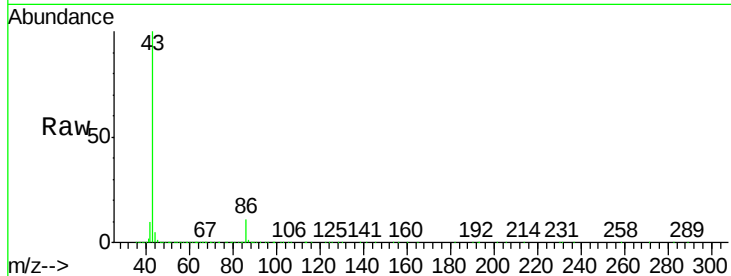
Ion Ratio Lower Upper

43 100

86 11.4 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 20.422 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

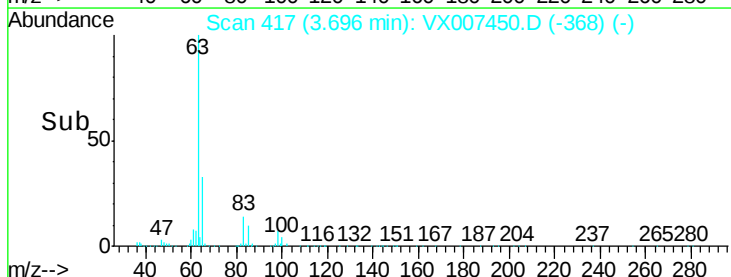
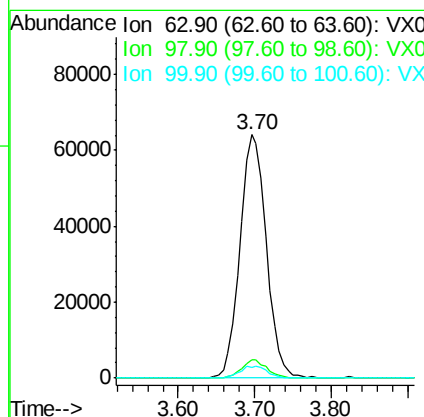
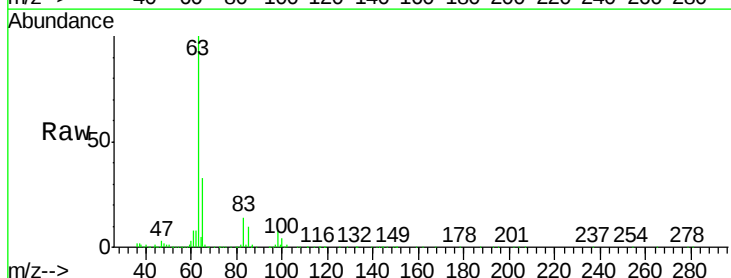
Tgt Ion: 63 Resp: 152611

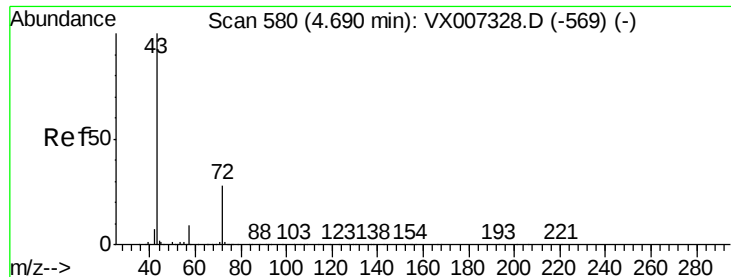
Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.8

100 4.1 2.5 7.4





#25

2-Butanone

Concen: 107.339 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Tot Ion: 43 Resp: 337734

Ion Ratio Lower Upper

43 100

72 28.0 22.2 33.2

Instrument :

MSVOA_X

ClientSampleId :

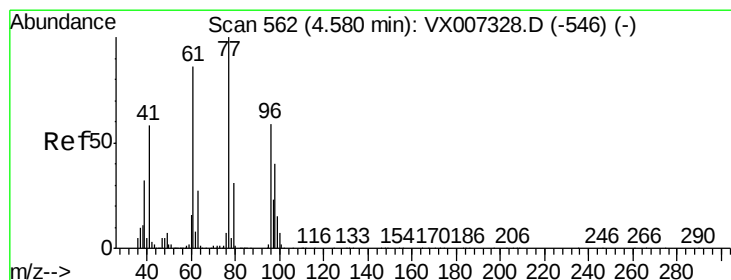
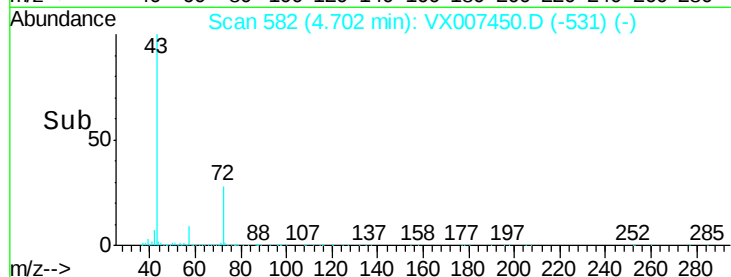
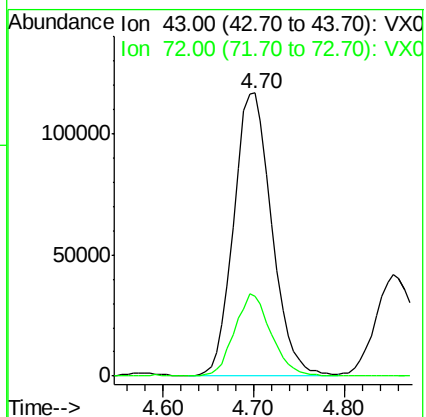
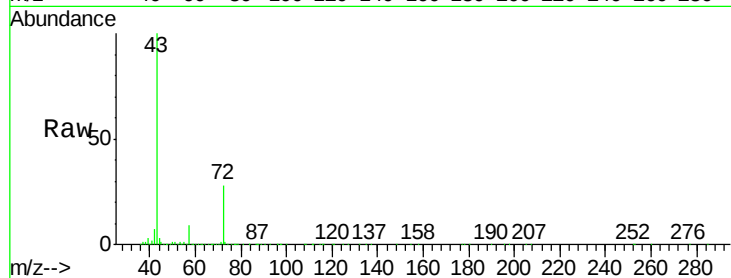
VX0208WBSD02

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#26

2,2-Dichloropropane

Concen: 18.343 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX007450.D

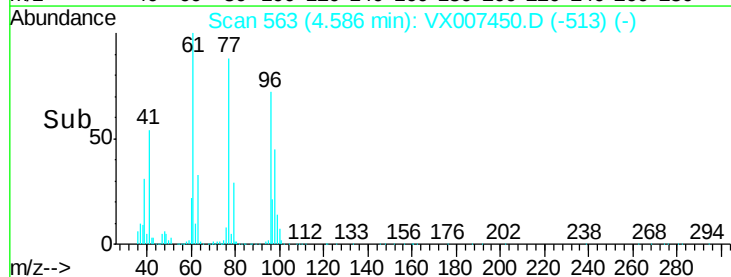
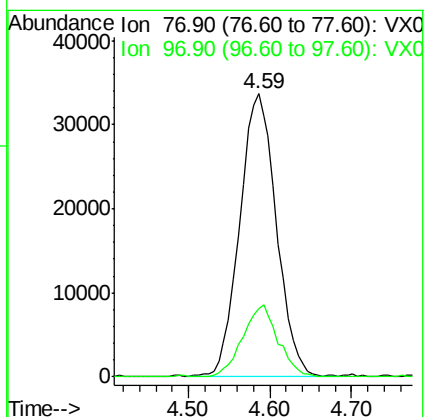
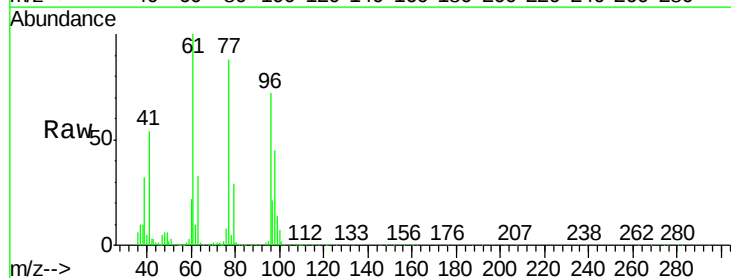
Acq: 08 Feb 2019 18:49

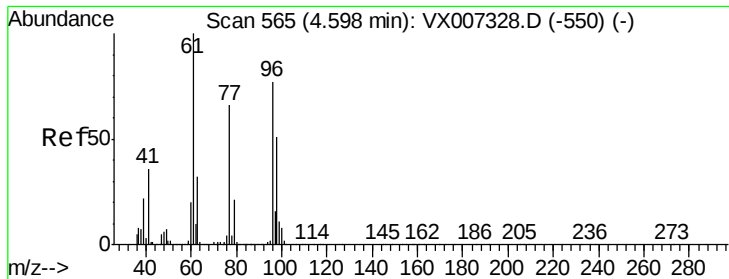
Tgt Ion: 77 Resp: 104392

Ion Ratio Lower Upper

77 100

97 24.4 12.1 36.3





#27

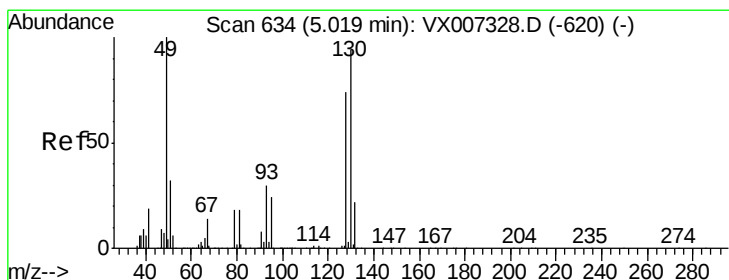
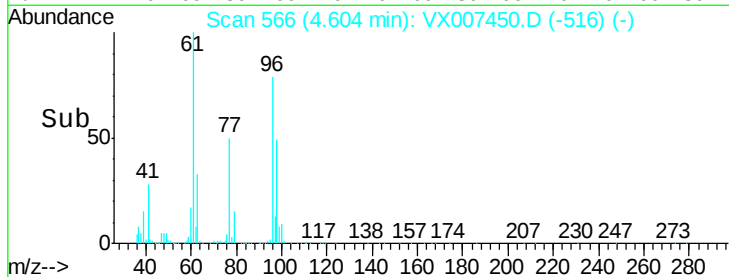
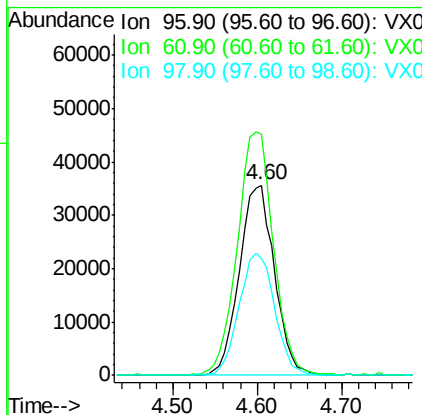
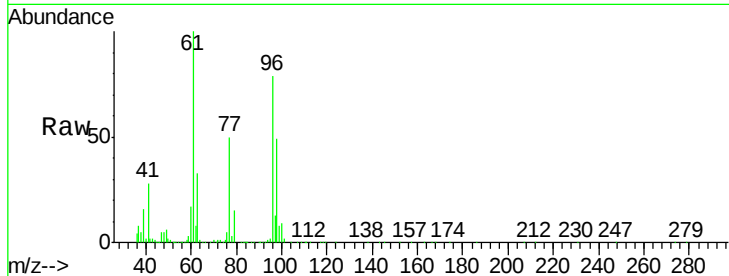
cis-1,2-Dichloroethene
 Concen: 19.895 ug/l
 RT: 4.60 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VX007450.D
 Acq: 08 Feb 2019 18:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0208WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	131.5	0.0	265.6	
98	65.2	0.0	131.6	

Manual Integrations
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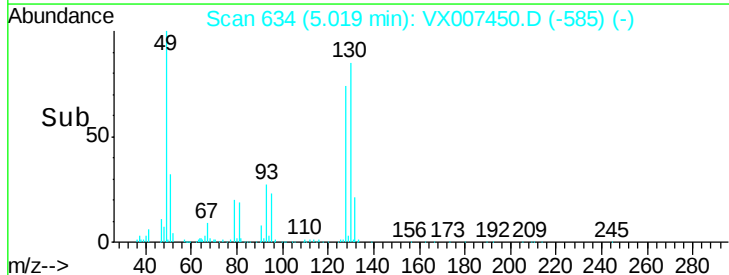
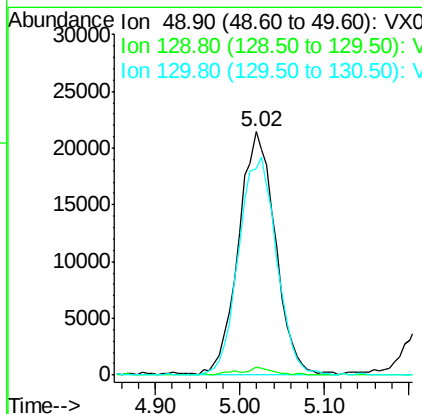
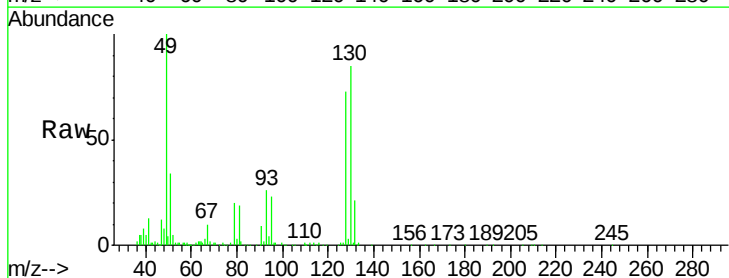
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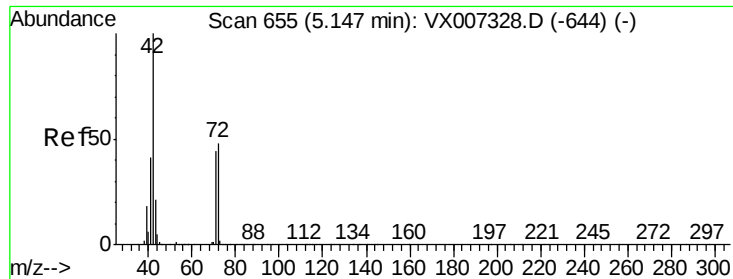


#28

Bromochloromethane
 Concen: 18.535 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX007450.D
 Acq: 08 Feb 2019 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.8	0.0	5.6	
130	92.0	75.6	113.4	





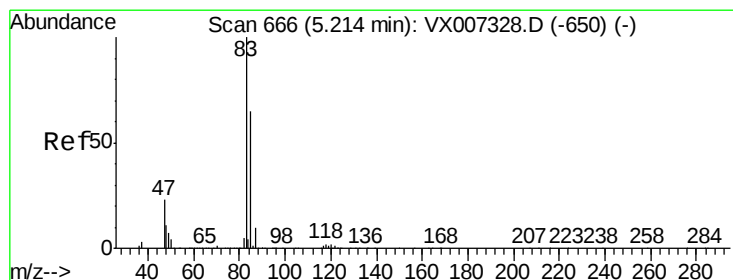
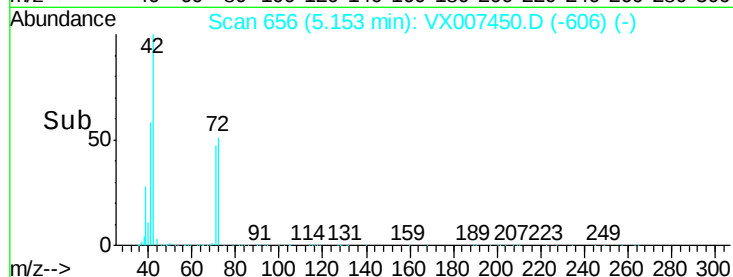
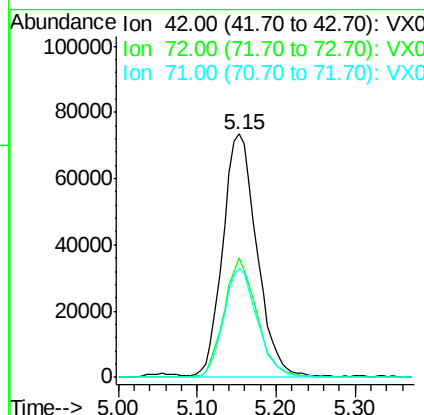
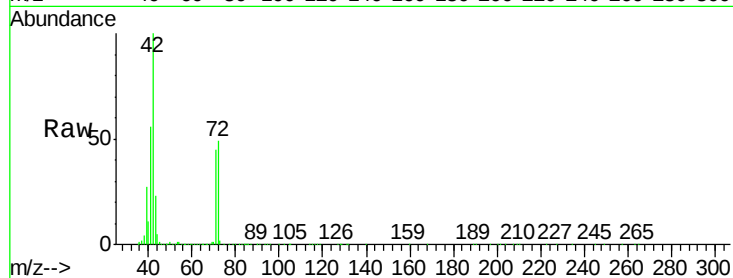
#29
Tetrahydrofuran
Concen: 110.701 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

Instrument :
MSVOA_X
ClientSampleId :
VX0208WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.4	37.6	56.4
71	44.6	34.6	51.8

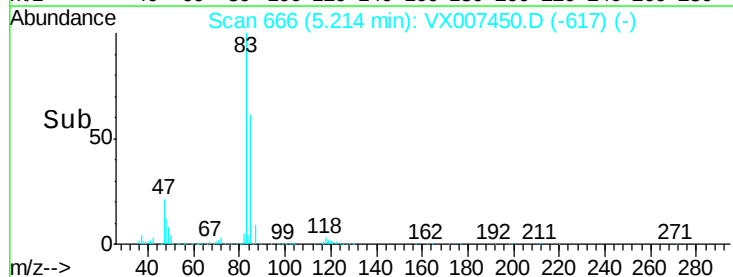
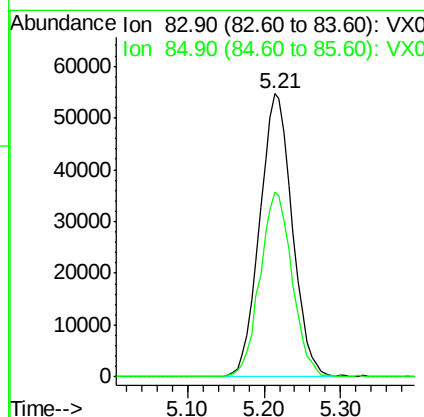
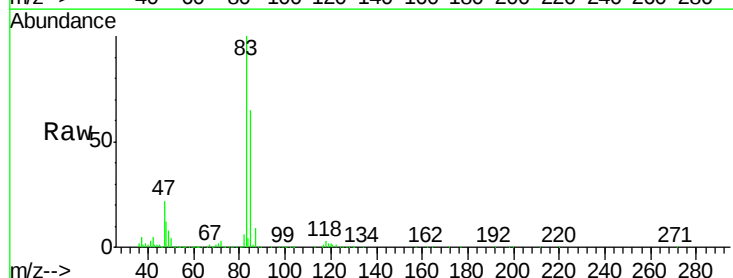
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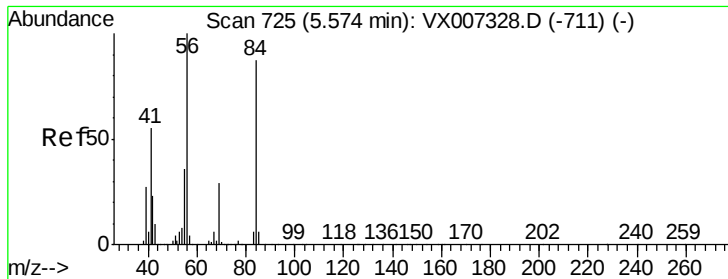
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#30
Chloroform
Concen: 20.856 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.6	77.4





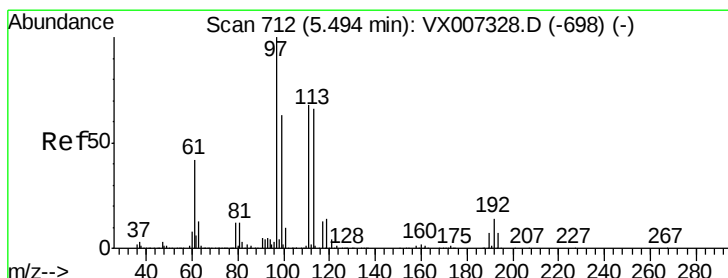
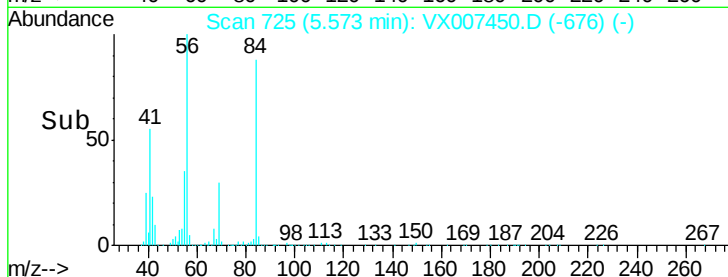
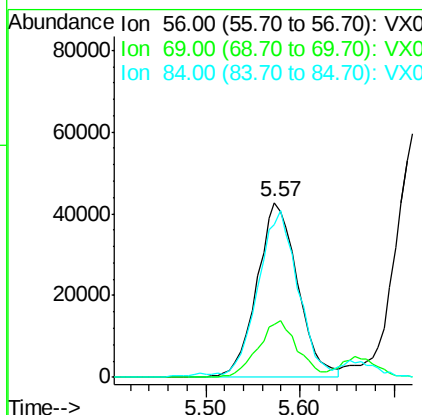
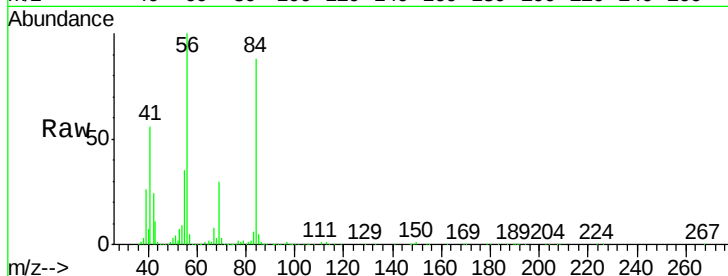
#31
Cyclohexane
Concen: 19.256 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

Instrument :
MSVOA_X
ClientSampleId :
VX0208WBSD02

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.3	23.0	34.6
84	86.6	69.8	104.6

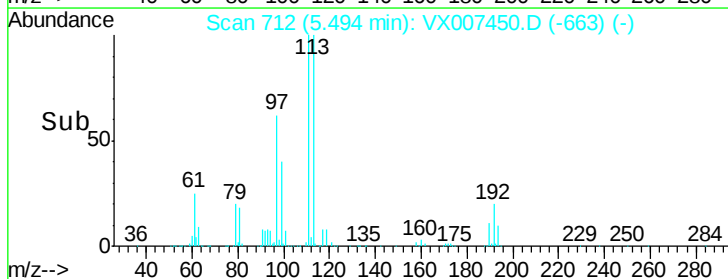
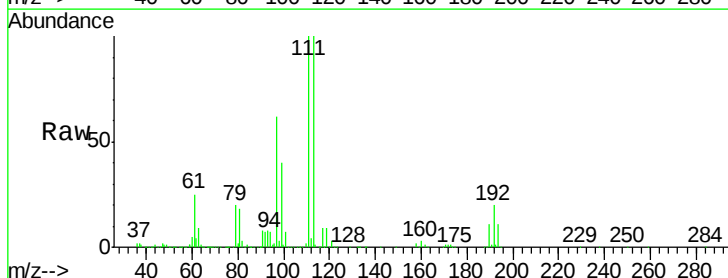
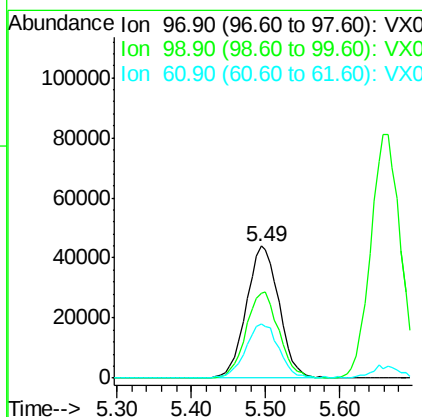
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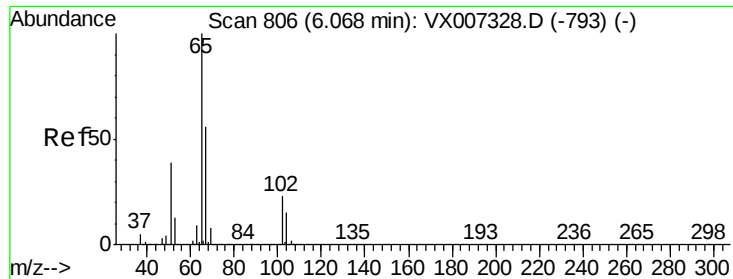
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#32
1,1,1-Trichloroethane
Concen: 20.552 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	52.2	78.2
61	41.7	32.7	49.1





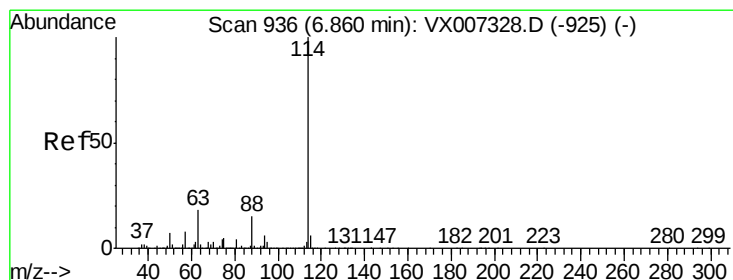
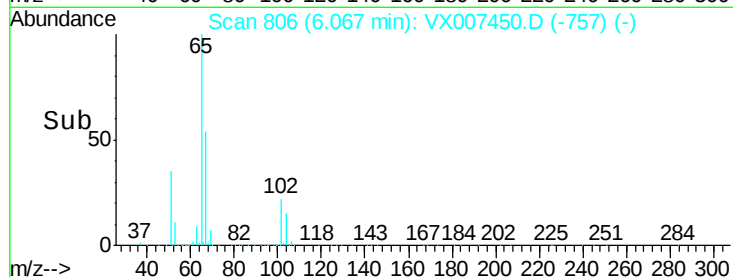
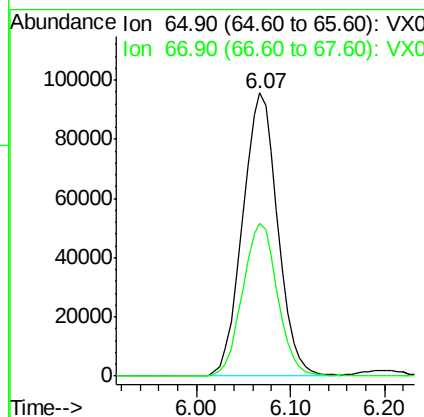
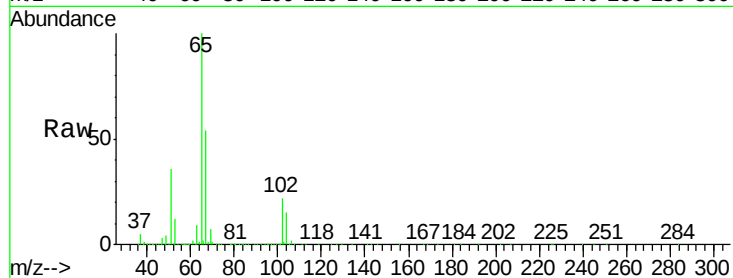
#33
 1,2-Dichloroethane-d4
 Concen: 51.453 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007450.D
 Acq: 08 Feb 2019 18:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0208WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	248342		
67	53.6	0.0	108.8	

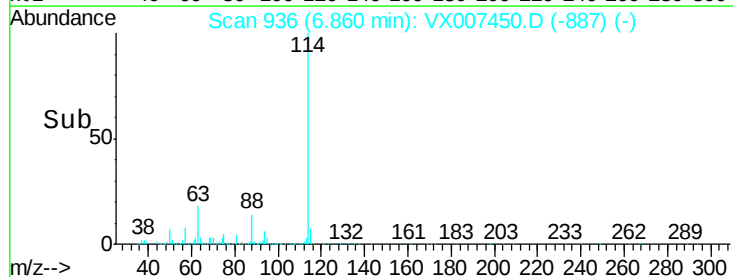
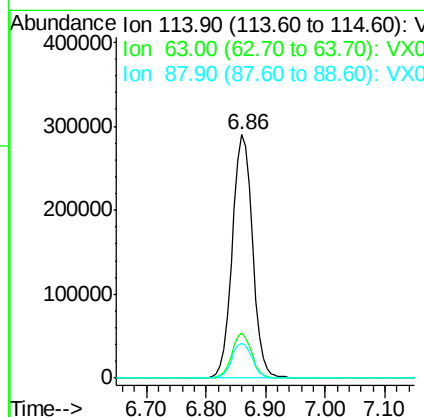
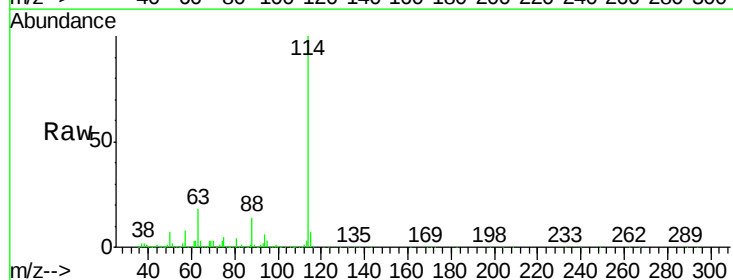
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007450.D
 Acq: 08 Feb 2019 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	685090		
63	18.3	0.0	35.6	
88	14.2	0.0	29.6	





#35

Dibromofluoromethane

Concen: 50.215 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Instrument :

MSVOA_X

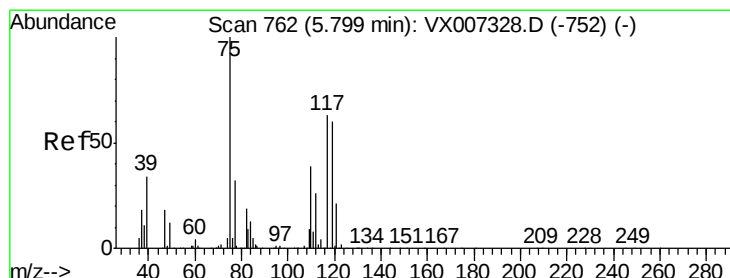
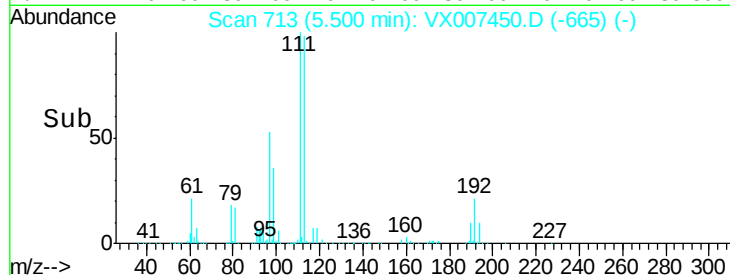
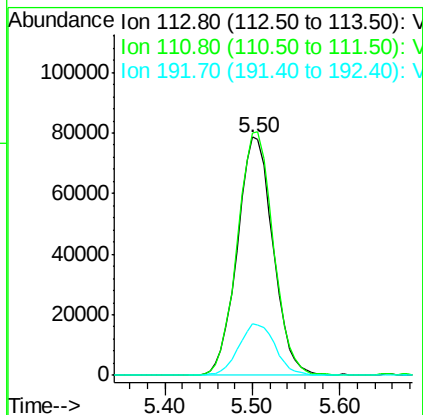
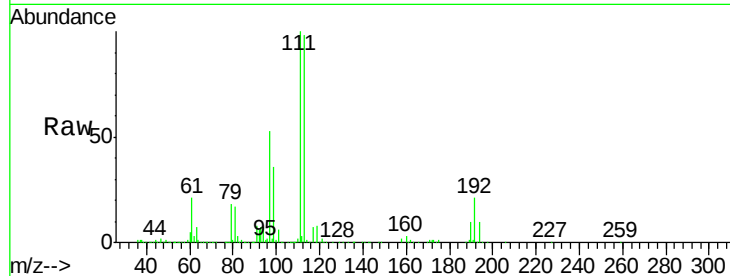
ClientSampleId :

VX0208WBSD02

Tot Ion:	113	Resp:	223842
Ion Ratio	Lower	Upper	
113	100		
111	102.5	81.8	122.8
192	22.0	18.5	27.7

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#36

1,1-Dichloropropene

Concen: 18.565 ug/l

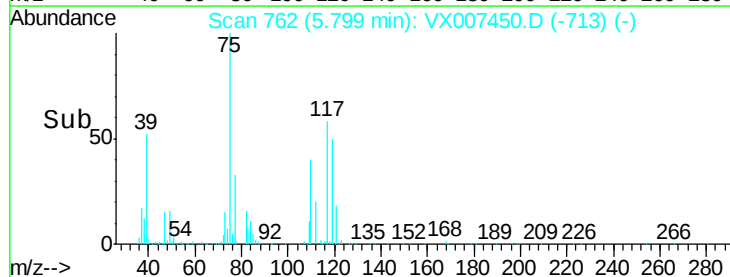
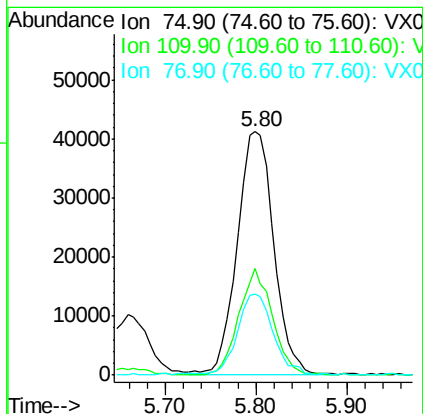
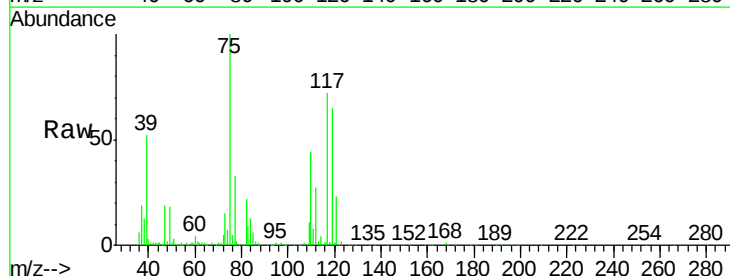
RT: 5.80 min Scan# 762

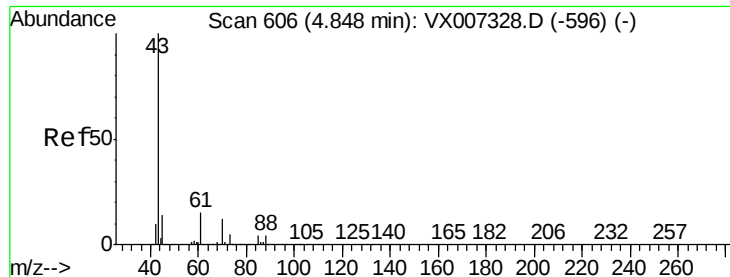
Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Tgt Ion:	75	Resp:	114120
Ion Ratio	Lower	Upper	
75	100		
110	40.6	20.0	59.9
77	32.3	24.7	37.1





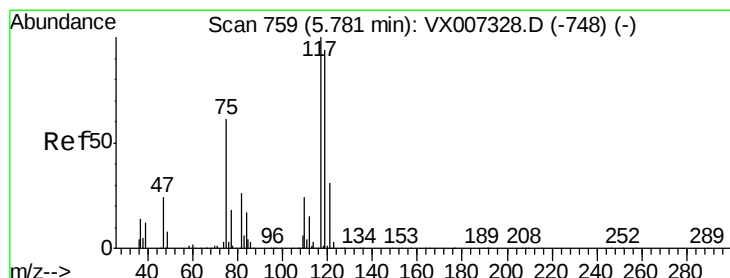
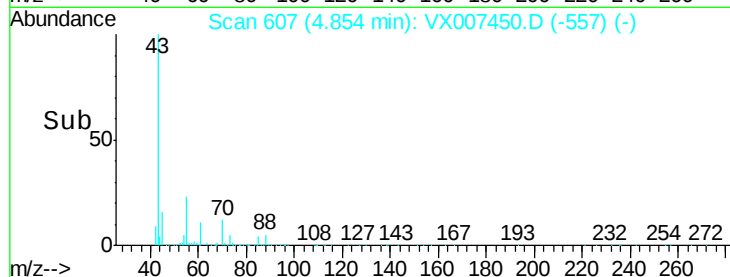
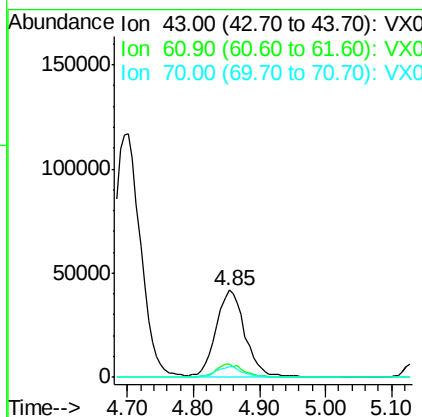
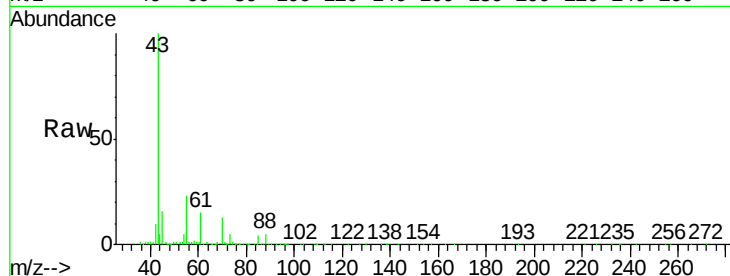
#37
Ethyl Acetate
Concen: 20.245 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

Instrument :
MSVOA_X
ClientSampleId :
VX0208WBSD02

Tot Ion	43	Resp	125796
Ion Ratio	Lower	Upper	
43	100		
61	14.6	11.3	16.9
70	11.7	8.6	13.0

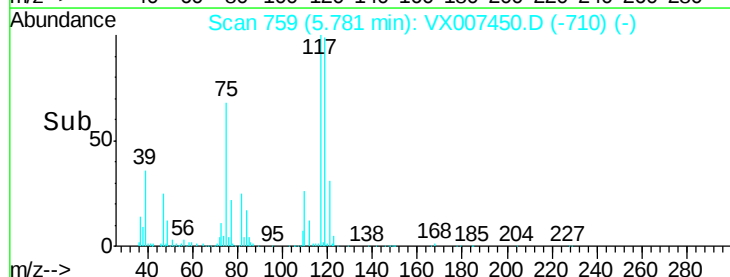
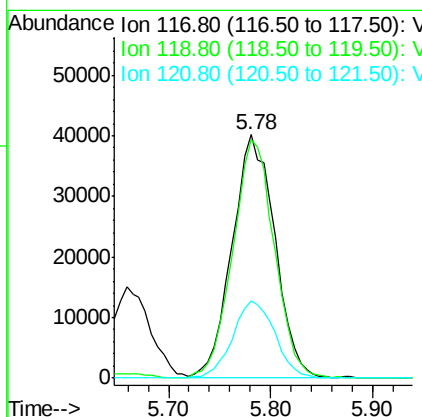
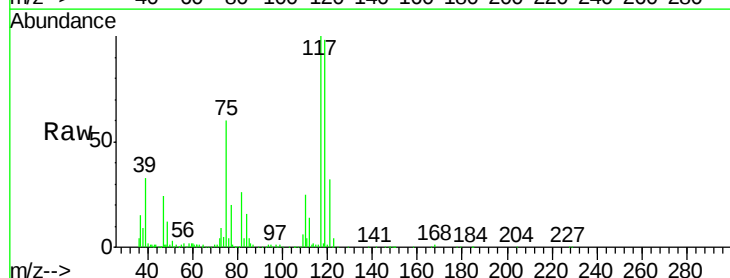
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#38
Carbon Tetrachloride
Concen: 19.527 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

Tgt Ion	117	Resp	116448
Ion Ratio	Lower	Upper	
117	100		
119	97.5	75.3	112.9
121	31.6	25.0	37.4





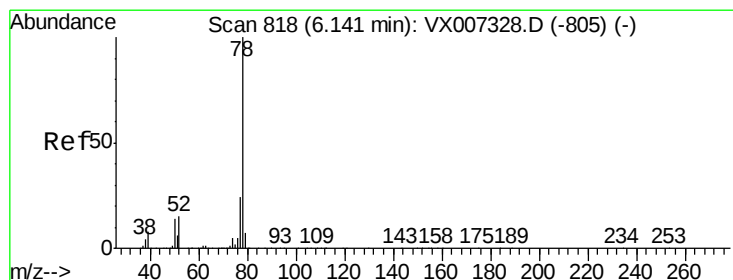
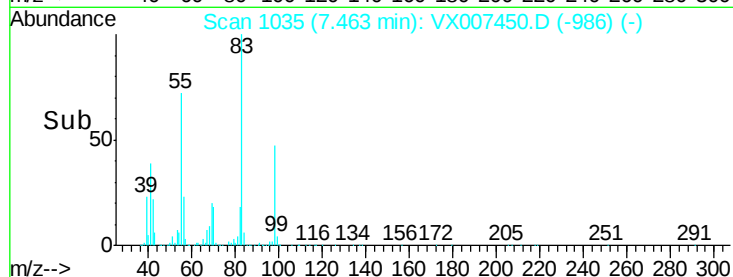
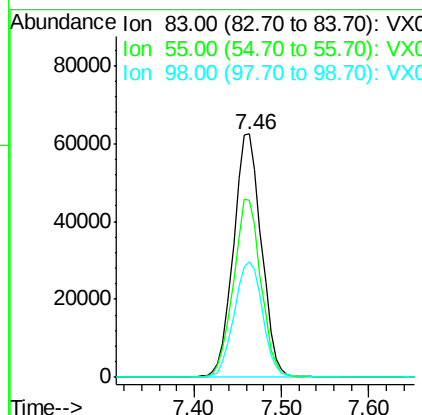
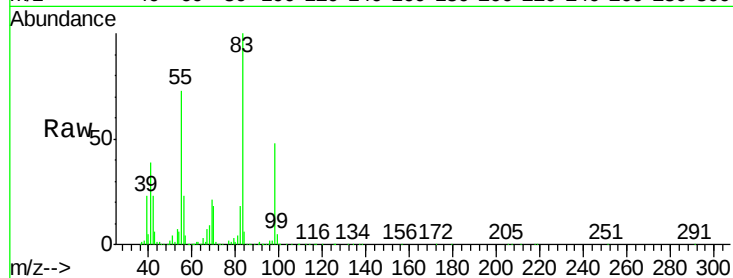
#39
Methvlcvclohexane
Concen: 18.723 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

Instrument :
MSVOA_X
ClientSampleId :
VX0208WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.5	56.2	84.2
98	47.5	36.8	55.2

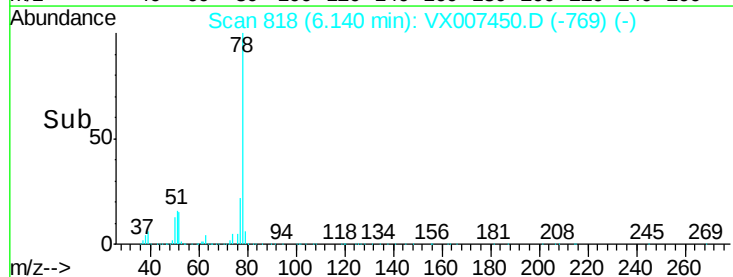
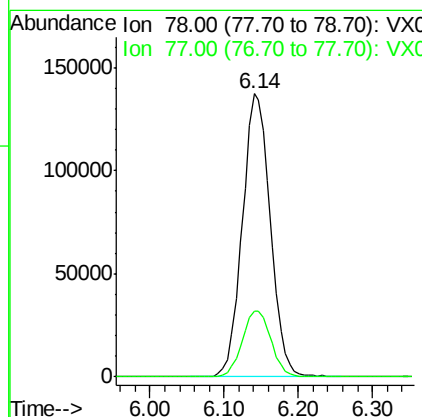
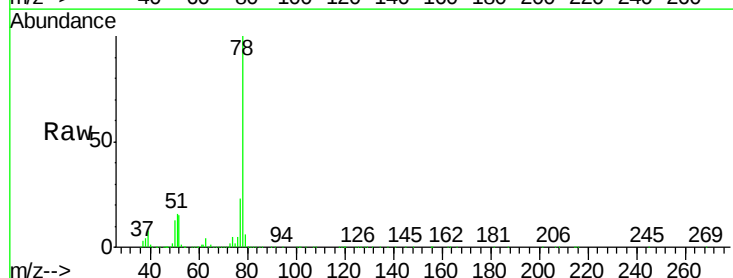
Manual Integrations
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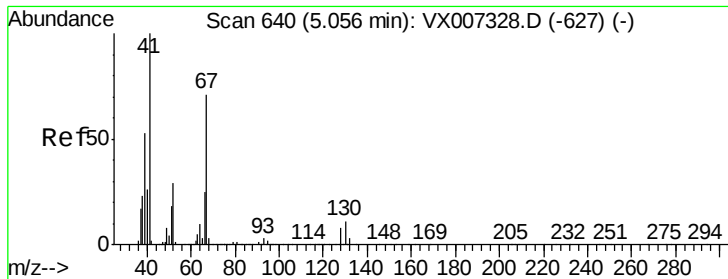
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#40
Benzene
Concen: 20.013 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.3	28.9





#41

Methacrylonitrile

Concen: 20.130 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Instrument :

MSVOA_X

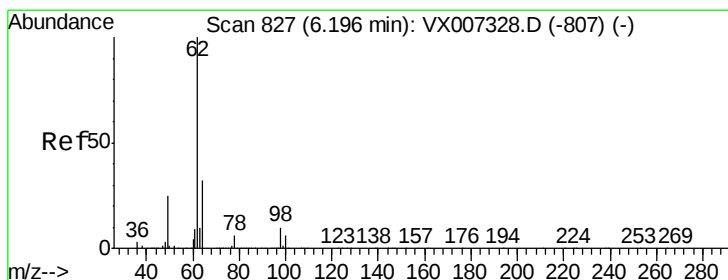
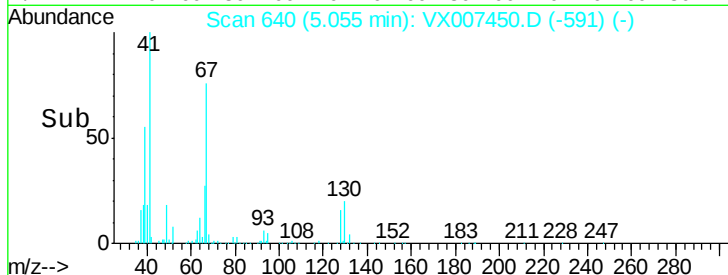
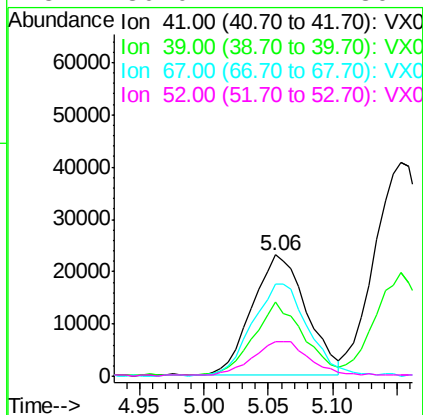
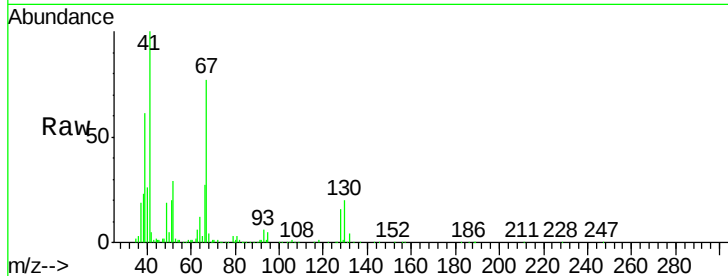
ClientSampleId :

VX0208WBSD02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.3	44.5	66.7	
67	79.4	60.4	90.6	
52	30.0	24.1	36.1	

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#42

1,2-Dichloroethane

Concen: 19.340 ug/l

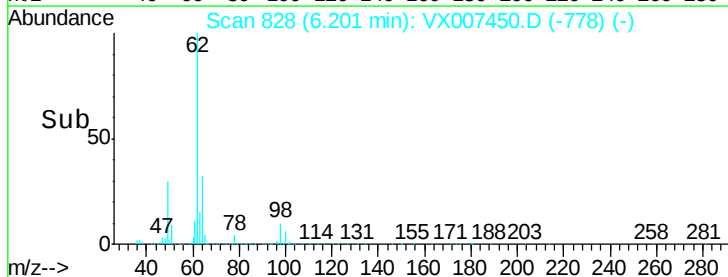
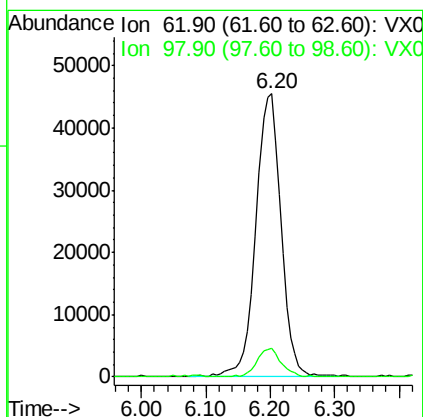
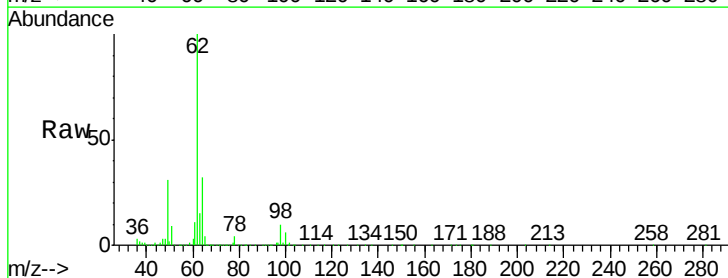
RT: 6.20 min Scan# 828

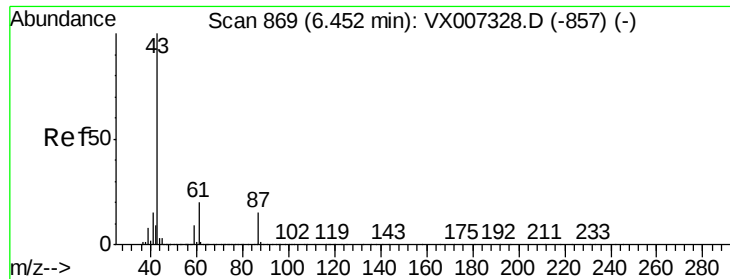
Delta R.T. 0.01 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.9	0.0	19.0	





#43

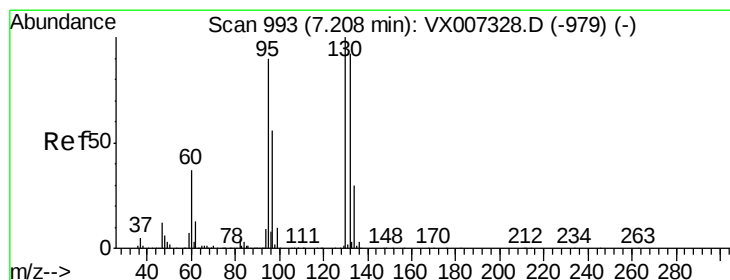
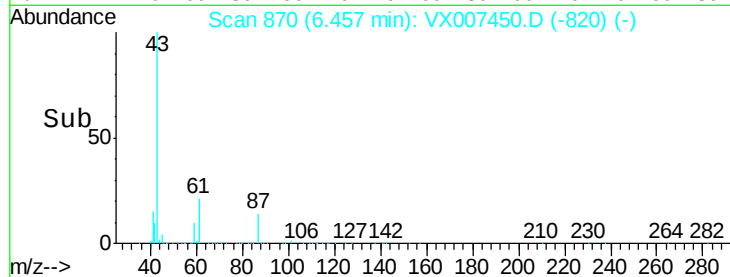
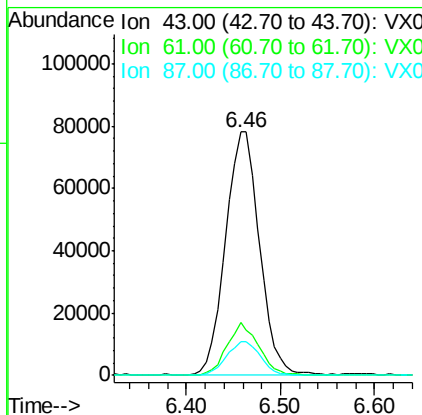
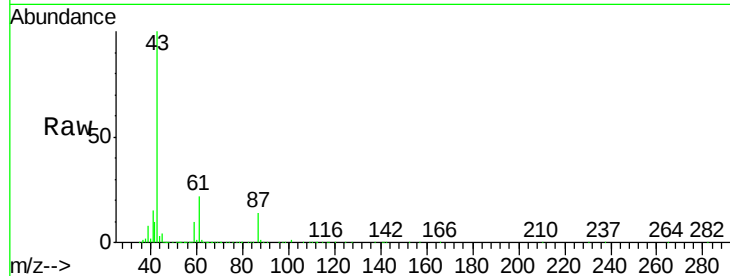
Isopropyl Acetate
 Concen: 20.536 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.01 min
 Lab File: VX007450.D
 Acq: 08 Feb 2019 18:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0208WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.9	16.1	24.1
87	13.8	11.5	17.3

Manual Integrations
 APPROVED

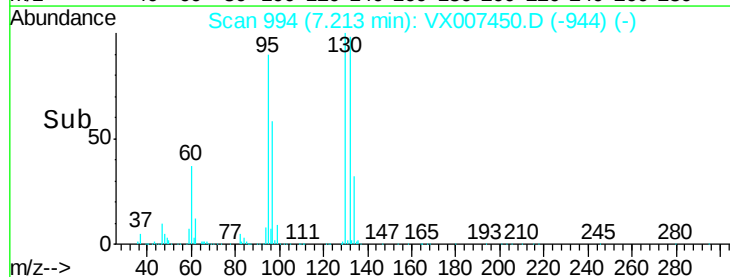
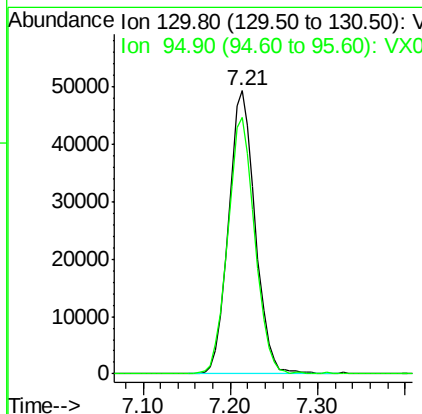
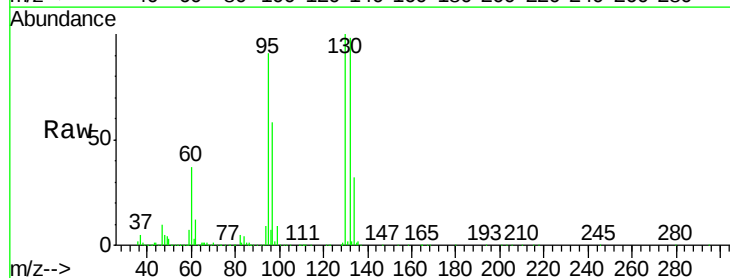
MMDadoda
 2/11/2019 9:39:36 AM

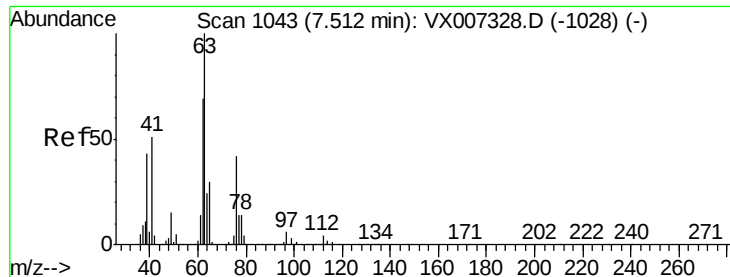


#44

Trichloroethene
 Concen: 19.139 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX007450.D
 Acq: 08 Feb 2019 18:49

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.6	0.0	180.0





#45

1,2-Dichloropropane

Concen: 20.066 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Instrument :

MSVOA_X

ClientSampleId :

VX0208WBSD02

Tot Ion: 63 Resp: 91034

Ion Ratio Lower Upper

63 100

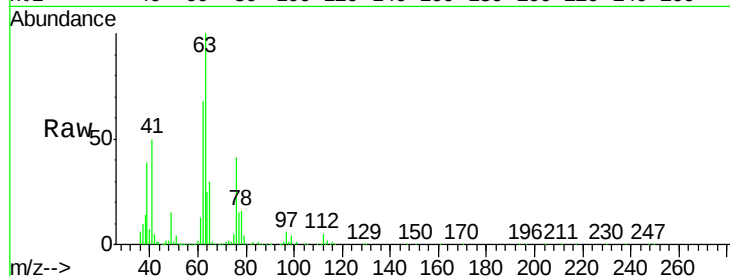
65 29.9 24.2 36.2

Manual Integrations

APPROVED

MMDadoda

2/11/2019 9:39:36 AM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

40000

30000

20000

10000

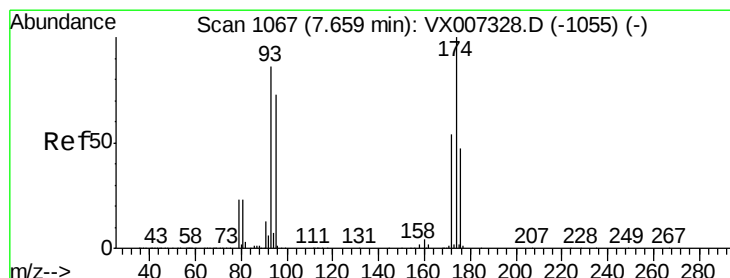
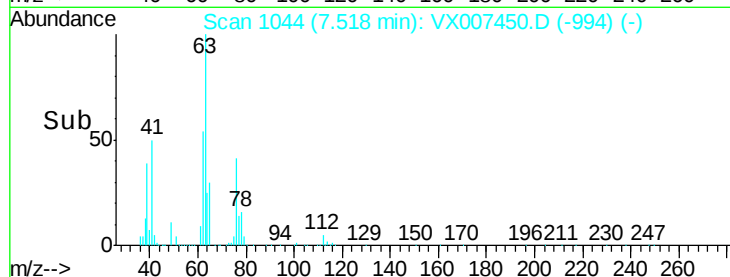
0

Time-->

7.40

7.50

7.60



#46

Dibromomethane

Concen: 19.531 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

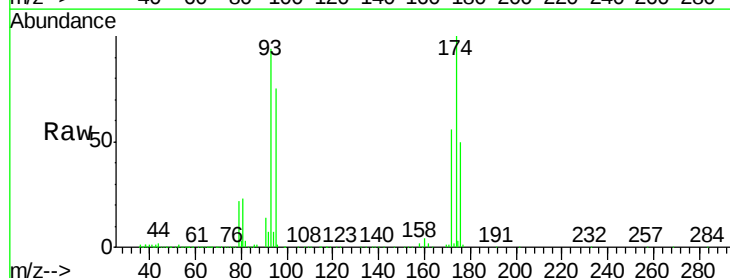
Tgt Ion: 93 Resp: 64400

Ion Ratio Lower Upper

93 100

95 83.4 67.6 101.4

174 116.0 94.2 141.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

7.66

40000

30000

20000

10000

0

Time-->

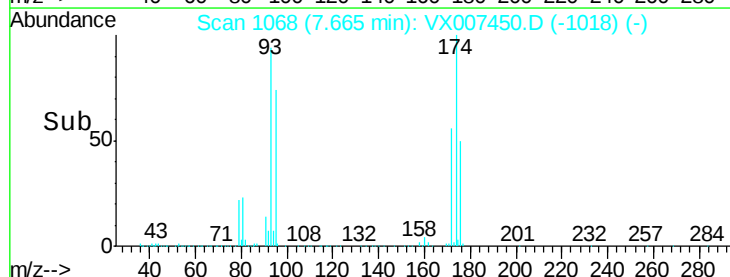
7.55

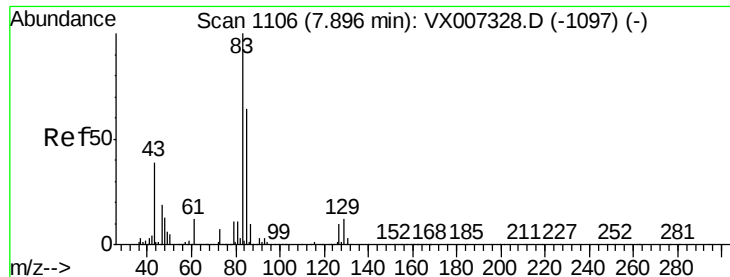
7.60

7.65

7.70

7.75





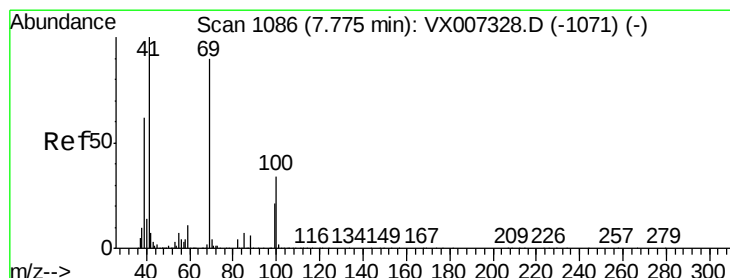
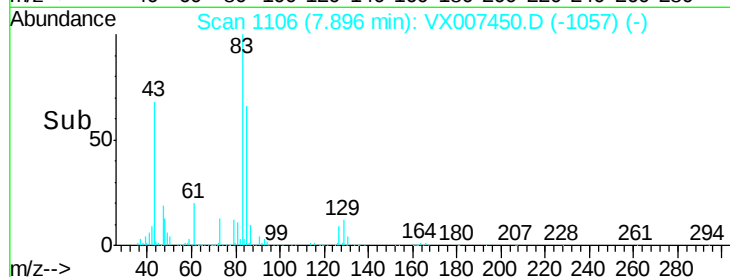
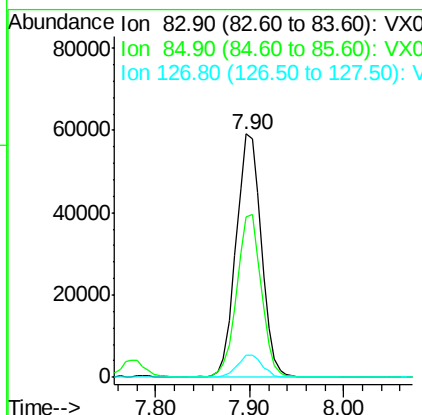
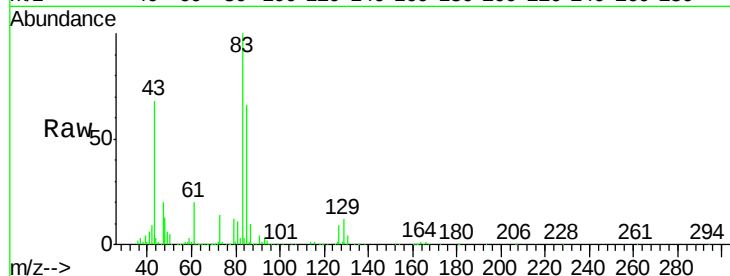
#47
 Bromodichloromethane
 Concen: 19.804 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: VX007450.D
 Acq: 08 Feb 2019 18:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0208WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
83	100	110671		
85	65.6		51.4	77.0
127	8.9		8.1	12.1

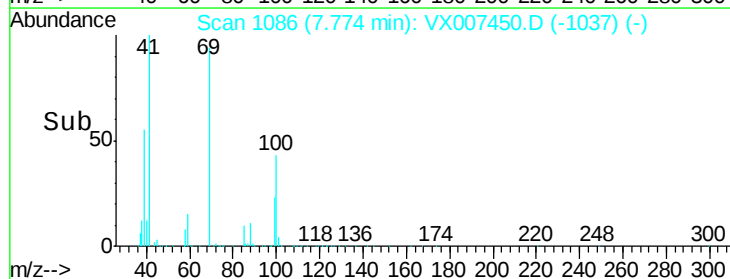
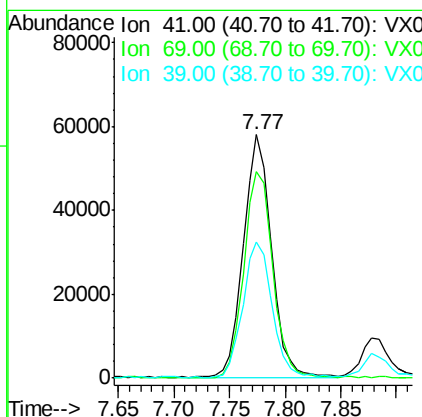
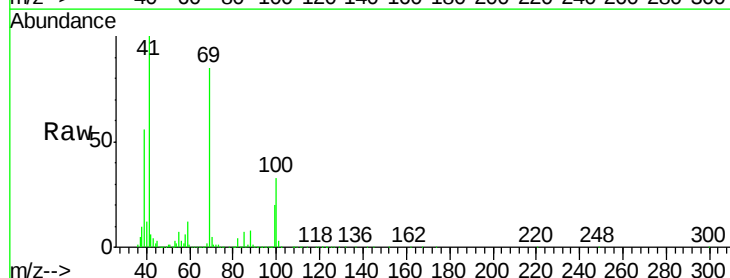
Manual Integrations
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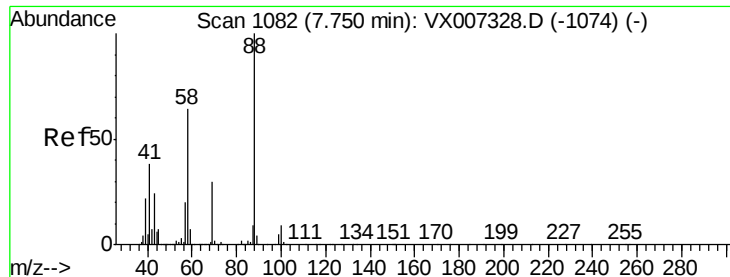
MMDadoda
 2/11/2019 9:39:36 AM



#48
 Methyl methacrylate
 Concen: 21.207 ug/l
 RT: 7.77 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX007450.D
 Acq: 08 Feb 2019 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	101739		
69	88.6		70.2	105.4
39	58.2		47.4	71.0





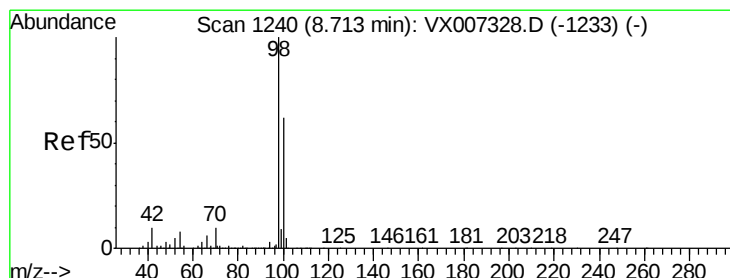
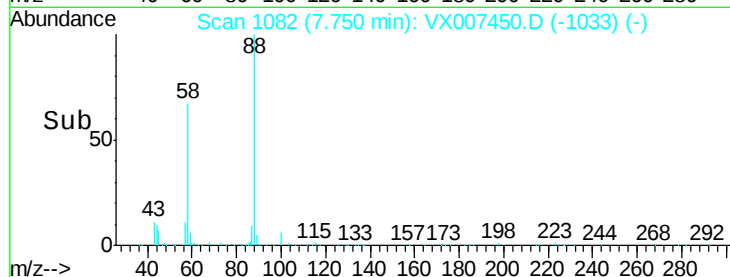
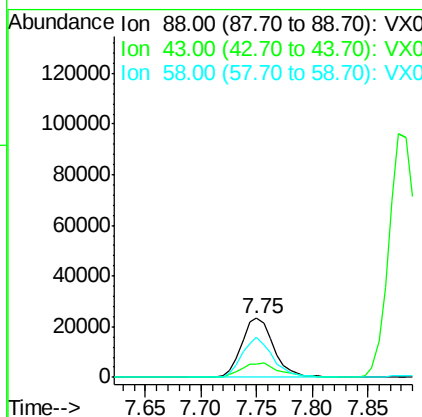
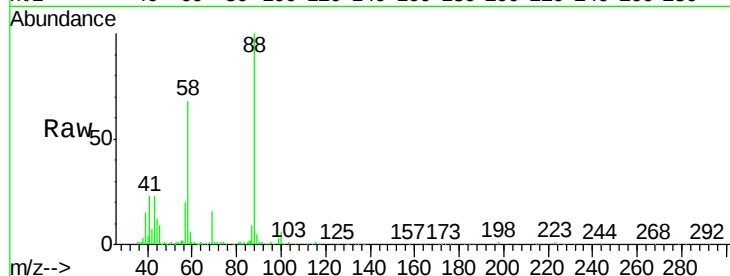
#49
1,4-Dioxane
Concen: 433.087 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

Instrument :
MSVOA_X
ClientSampleId :
VX0208WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.3	24.2	36.4
58	64.9	53.0	79.4

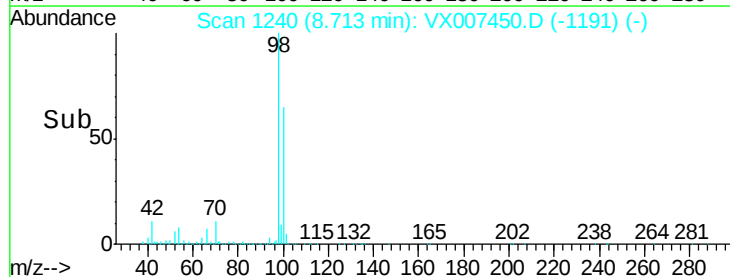
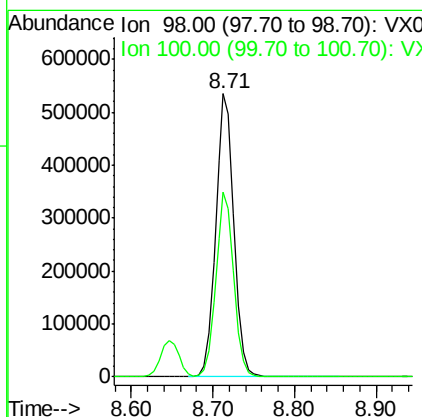
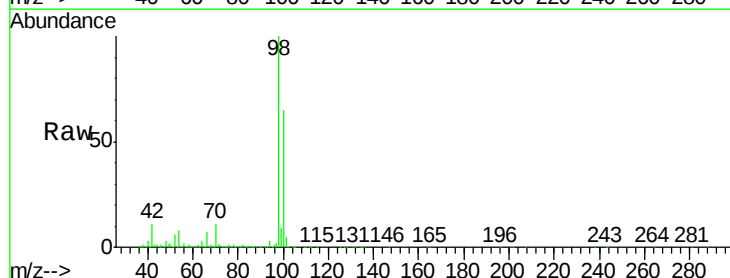
Manual Integrations
APPROVED

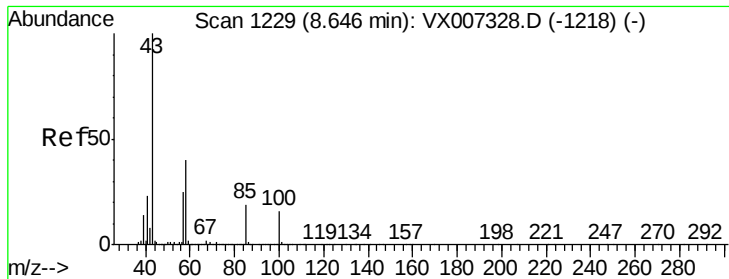
MMDadoda
2/11/2019 9:39:36 AM



#50
Toluene-d8
Concen: 50.391 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 104.780 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Instrument :

MSVOA_X

ClientSampleId :

VX0208WBSD02

Tot Ion: 43 Resp: 661563

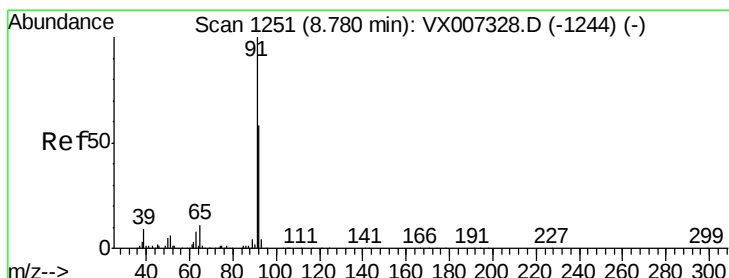
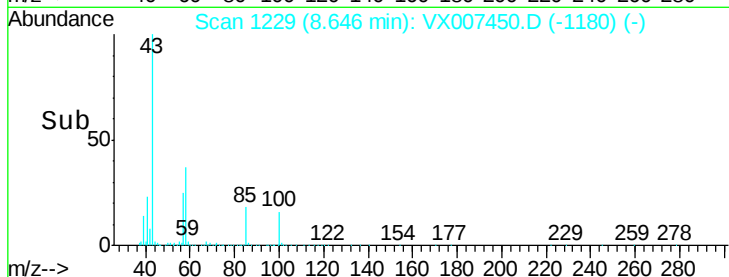
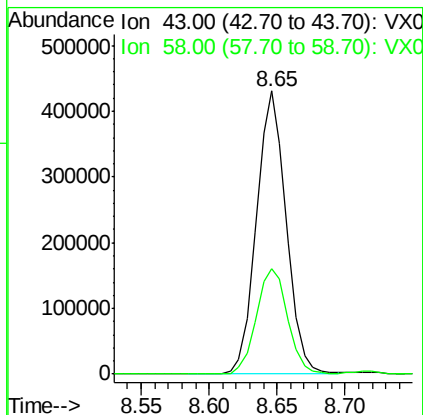
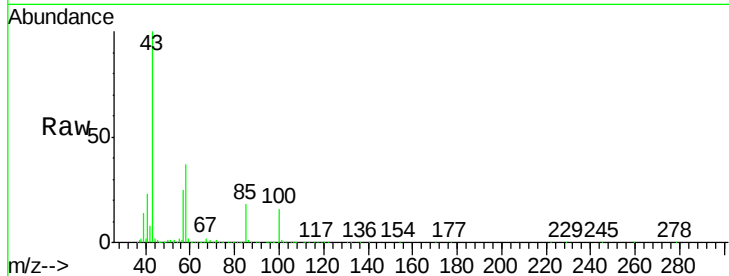
Ion Ratio Lower Upper

43 100

58 39.1 31.2 46.8

Manual Integrations
APPROVED

MMDadoda
2/11/2019 9:39:36 AM



#52

Toluene

Concen: 19.765 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007450.D

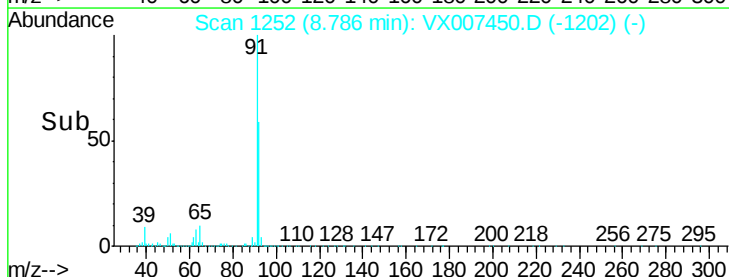
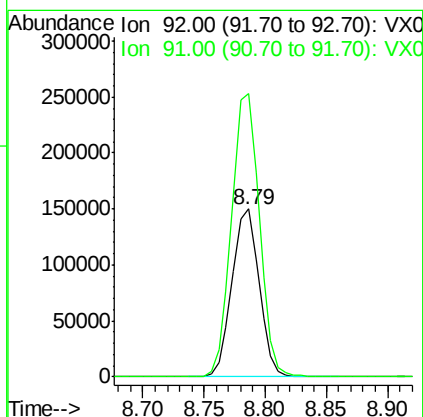
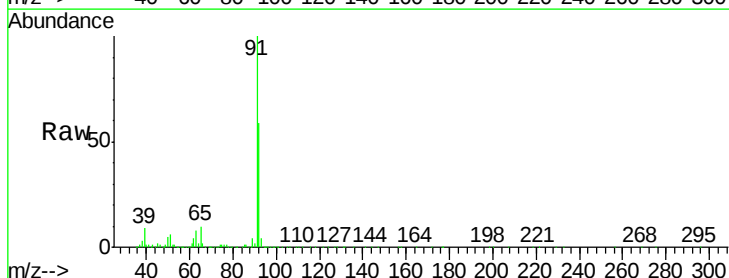
Acq: 08 Feb 2019 18:49

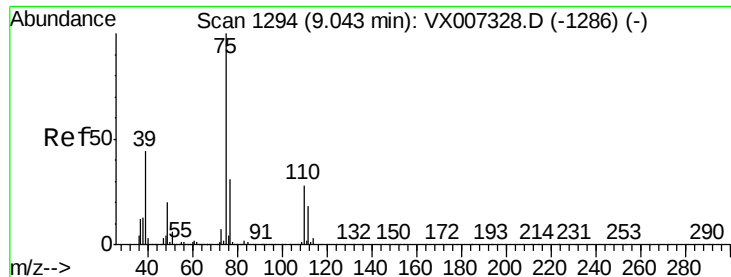
Tgt Ion: 92 Resp: 230904

Ion Ratio Lower Upper

92 100

91 172.9 139.1 208.7





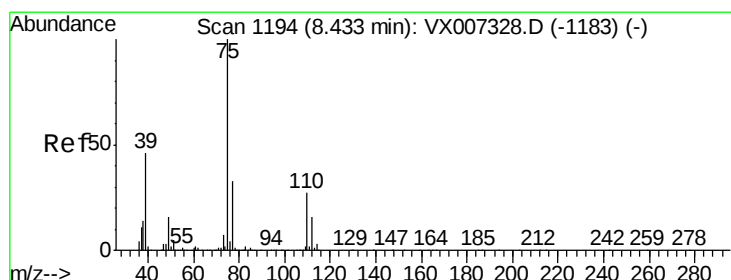
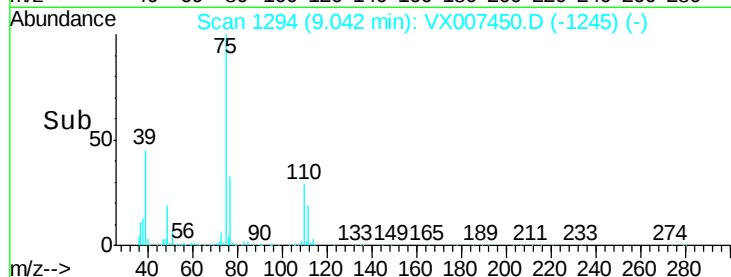
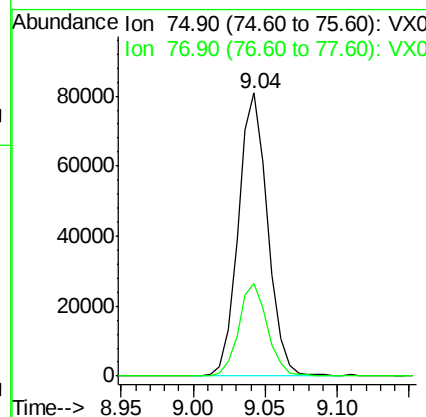
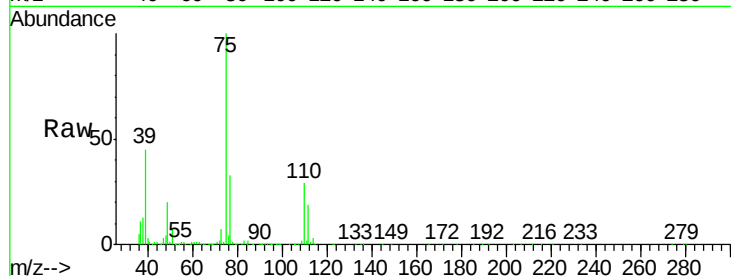
#53
t-1,3-Dichloropropene
Concen: 19.119 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

Instrument :
MSVOA_X
ClientSampleId :
VX0208WBSD02

Tot Ion: 75 Resp: 114763
Ion Ratio Lower Upper
75 100
77 32.6 25.2 37.8

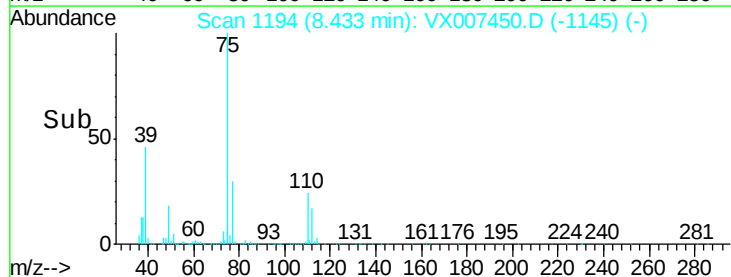
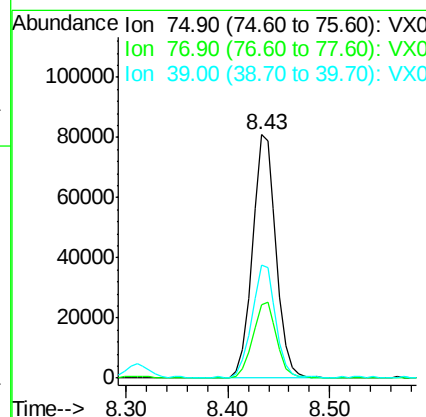
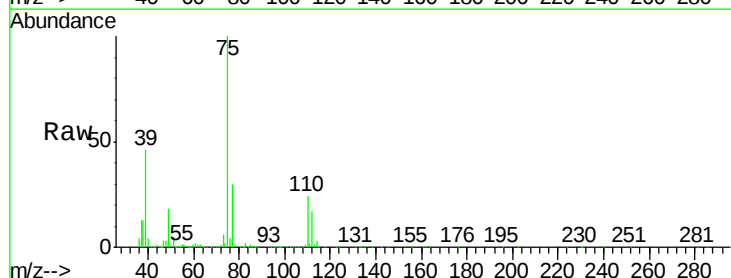
Manual Integrations
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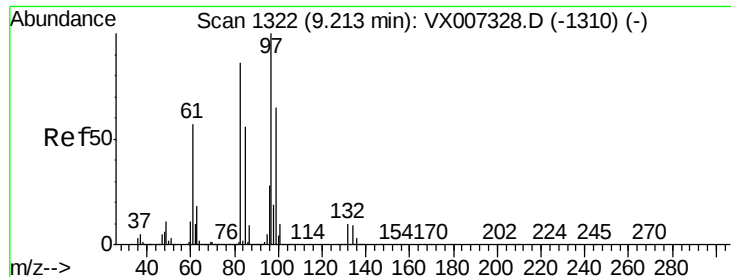
MMDadoda
2/11/2019 9:39:36 AM



#54
cis-1,3-Dichloropropene
Concen: 19.757 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

Tgt Ion: 75 Resp: 130415
Ion Ratio Lower Upper
75 100
77 30.4 26.2 39.4
39 45.8 37.1 55.7





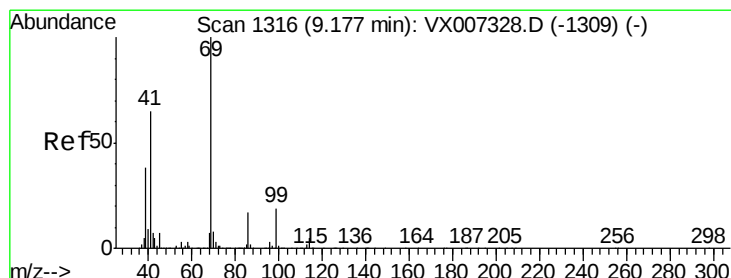
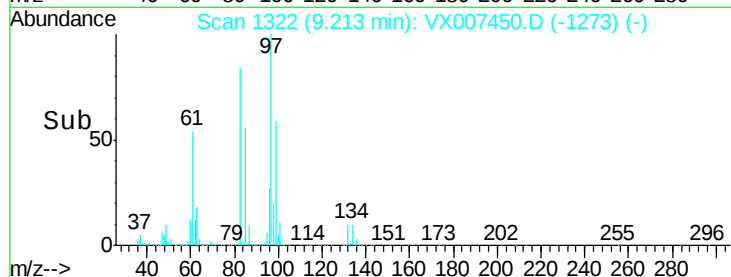
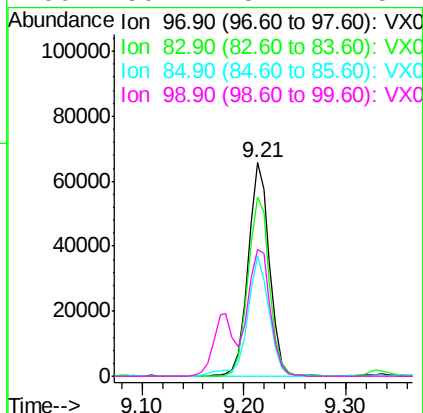
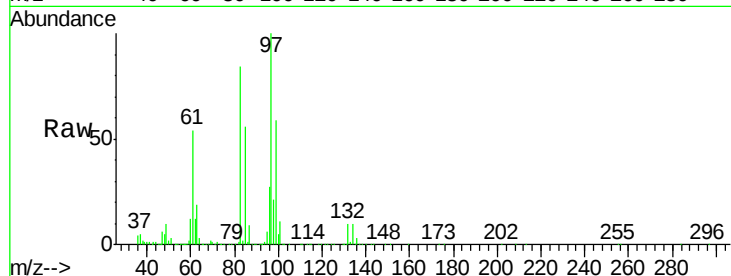
#55
 1,1,2-Trichloroethane
 Concen: 19.692 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007450.D
 Acq: 08 Feb 2019 18:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0208WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		95895		
83	83.9	68.6	102.8		
85	56.3	44.5	66.7		
99	59.2	52.2	78.4		

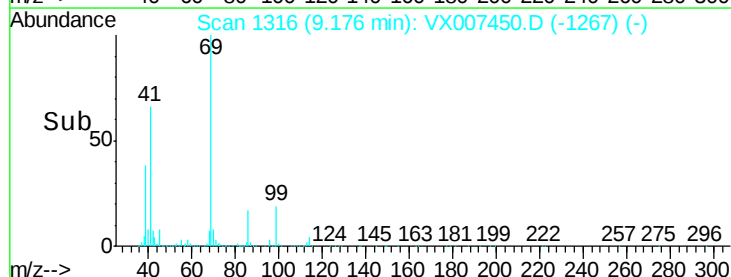
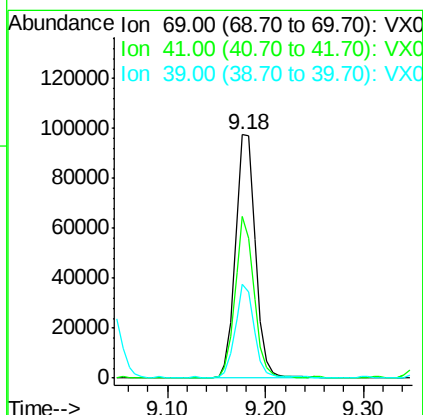
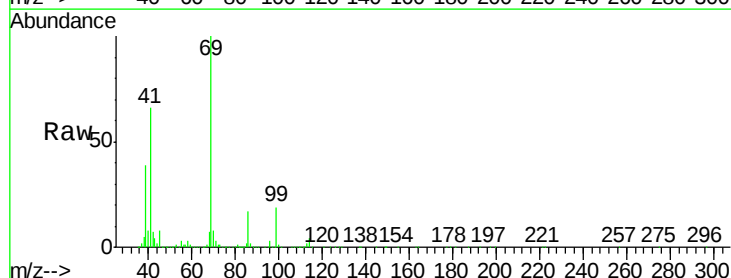
Manual Integrations
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MMDadoda
 2/11/2019 9:39:36 AM



#56
 Ethyl methacrylate
 Concen: 20.590 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX007450.D
 Acq: 08 Feb 2019 18:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		138874		
41	62.0	52.1	78.1		
39	35.8	30.1	45.1		





#57

1,3-Dichloropropane

Concen: 20.025 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Instrument :

MSVOA_X

ClientSampleId :

VX0208WBSD02

Tot Ion: 76 Resp: 155078

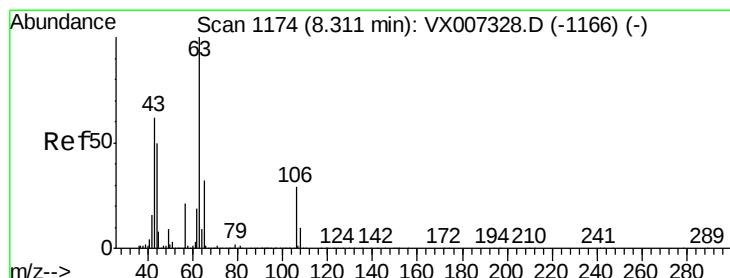
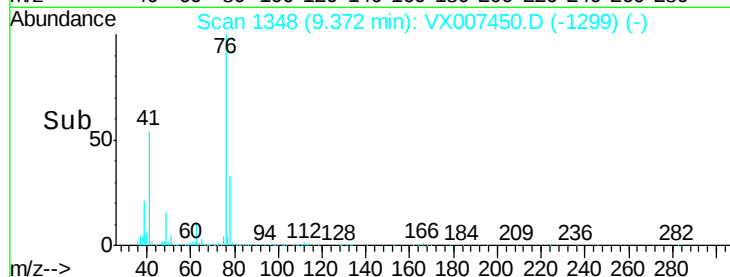
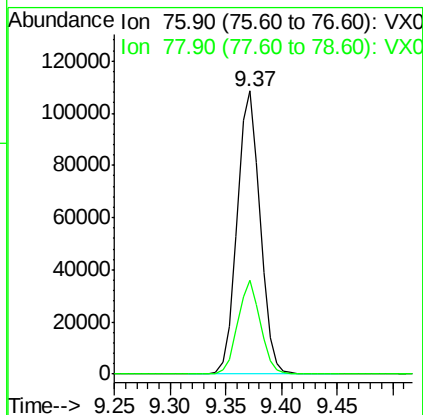
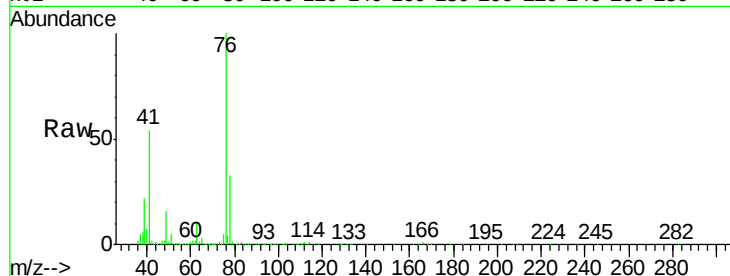
Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.8

Manual Integrations
APPROVED

MMDadoda
2/11/2019 9:39:36 AM



#58

2-Chloroethyl Vinyl ether

Concen: 97.857 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007450.D

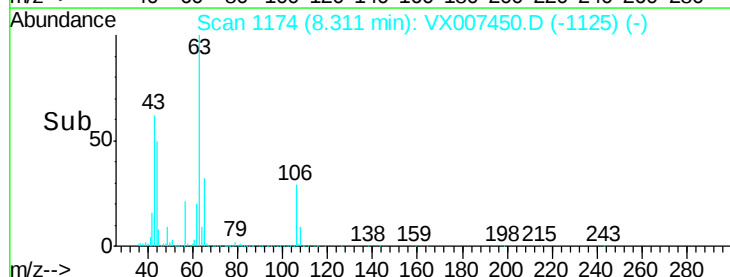
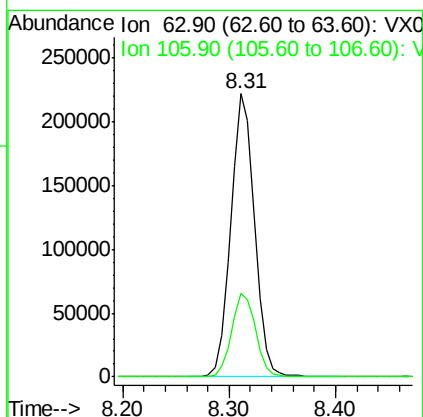
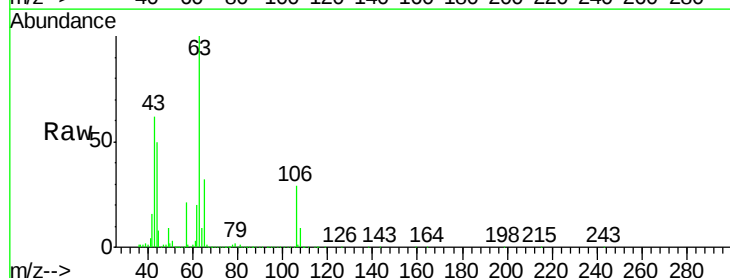
Acq: 08 Feb 2019 18:49

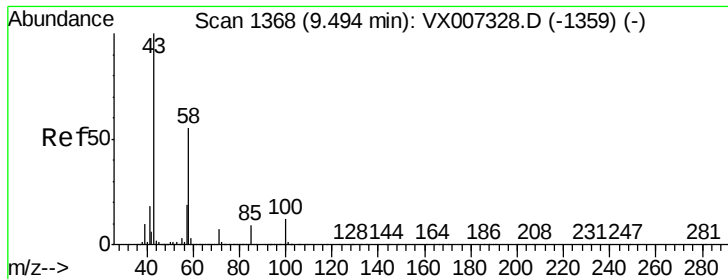
Tgt Ion: 63 Resp: 347880

Ion Ratio Lower Upper

63 100

106 29.9 23.6 35.4





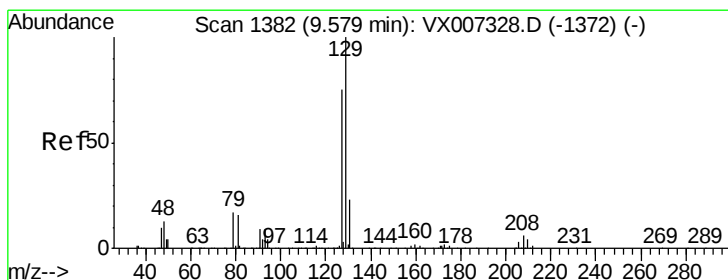
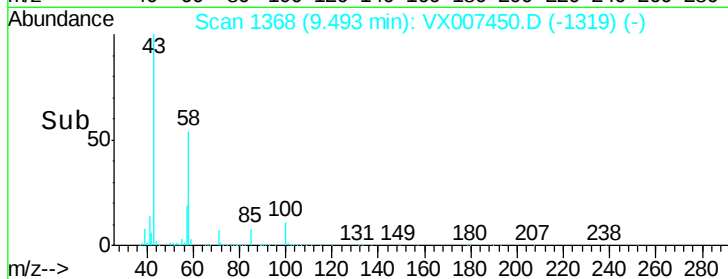
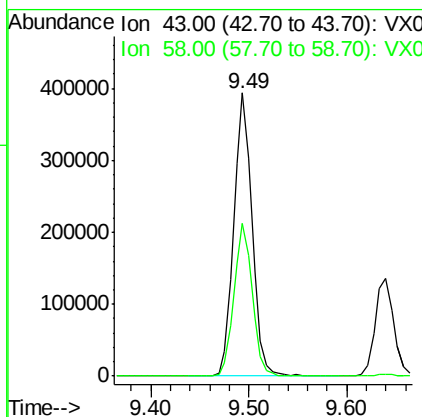
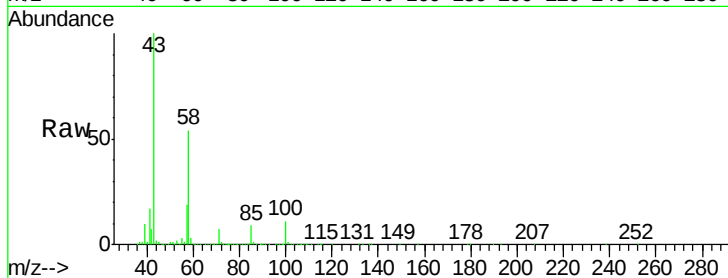
#59
2-Hexanone
Concen: 103.975 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

Instrument :
MSVOA_X
ClientSampleId :
VX0208WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.3	27.1	81.3

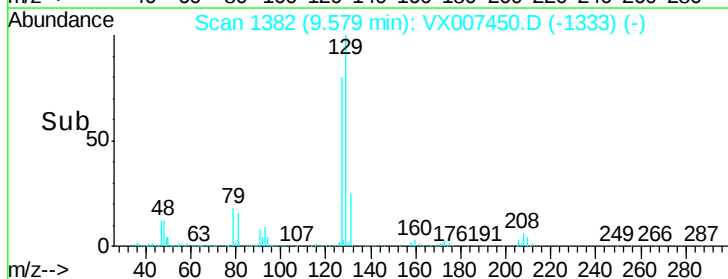
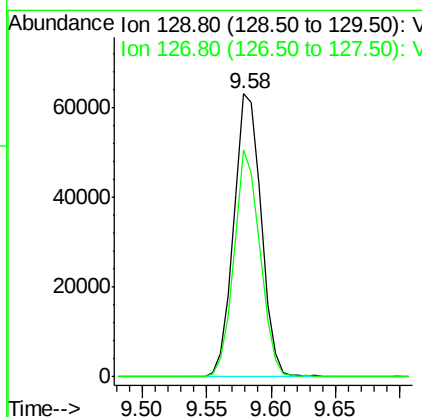
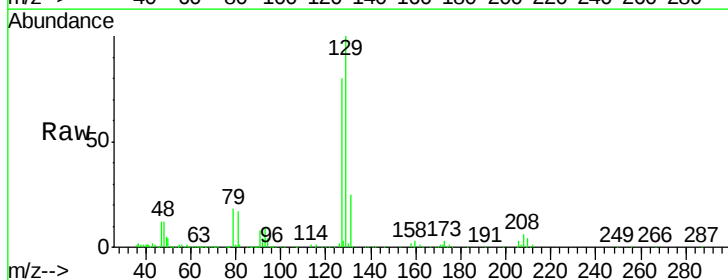
Manual Integrations
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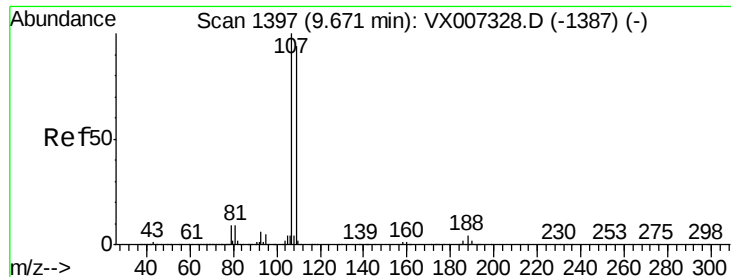
MMDadoda
2/11/2019 9:39:36 AM



#60
Dibromochloromethane
Concen: 20.413 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.1	37.8	113.4





#61

1,2-Dibromoethane

Concen: 20.243 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Instrument :

MSVOA_X

ClientSampleId :

VX0208WBSD02

Tot Ion: 107 Resp: 104393

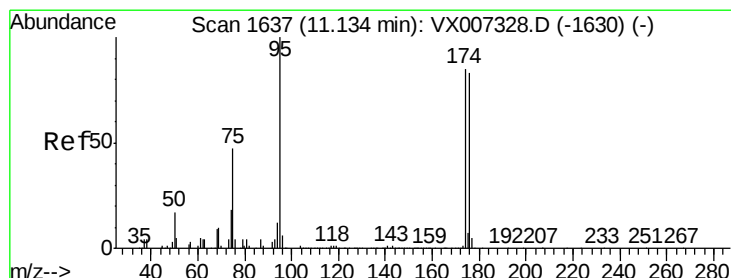
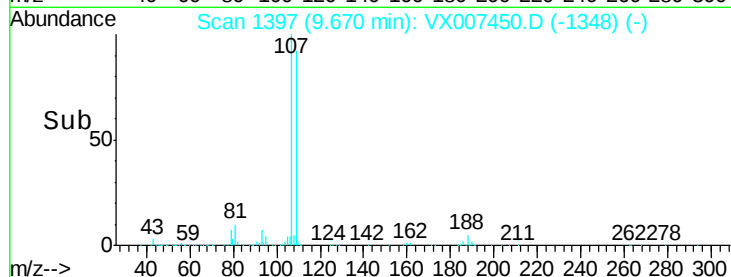
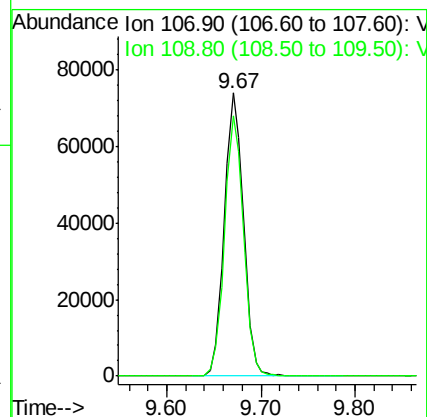
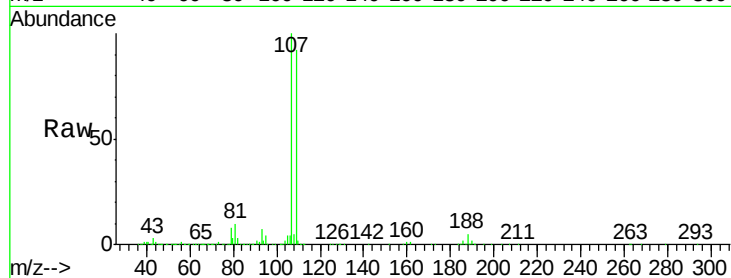
Ion Ratio Lower Upper

107 100

109 91.7 75.1 112.7

Manual Integrations
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2/11/2019 9:39:36 AM



#62

4-Bromofluorobenzene

Concen: 49.078 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

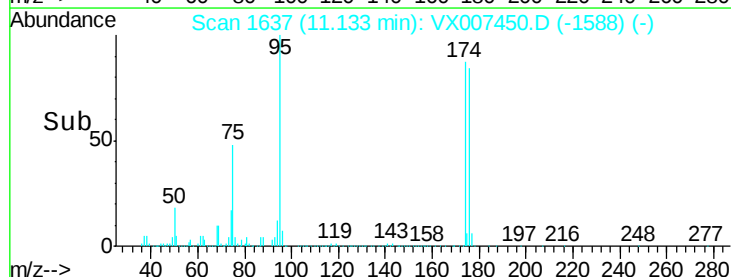
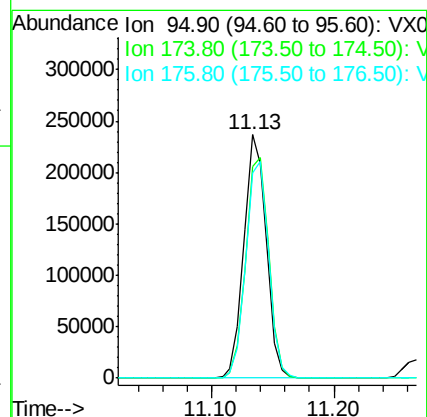
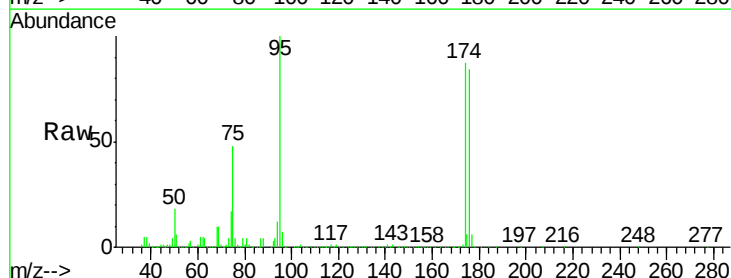
Tgt Ion: 95 Resp: 296345

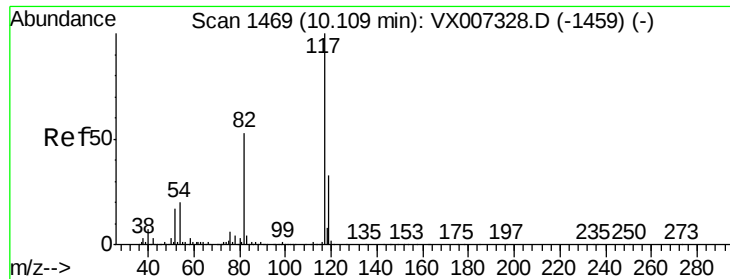
Ion Ratio Lower Upper

95 100

174 94.1 0.0 189.2

176 91.9 0.0 186.2





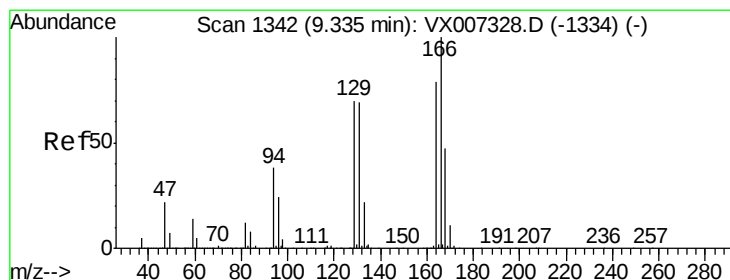
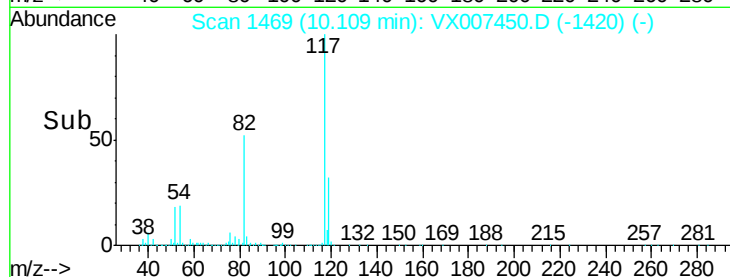
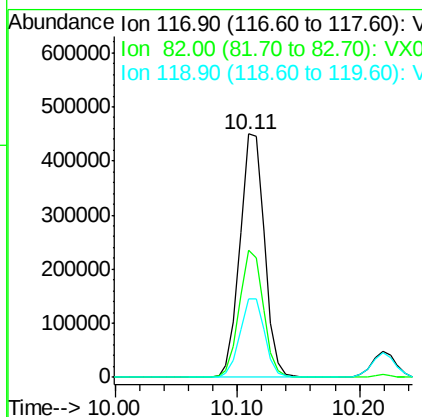
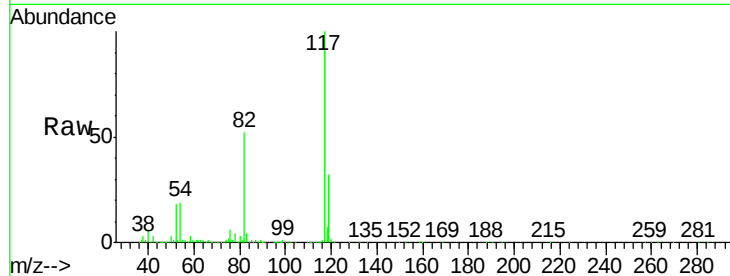
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

Instrument :
MSVOA_X
ClientSampleId :
VX0208WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	622027		
82	52.3		42.1	63.1
119	32.2		26.5	39.7

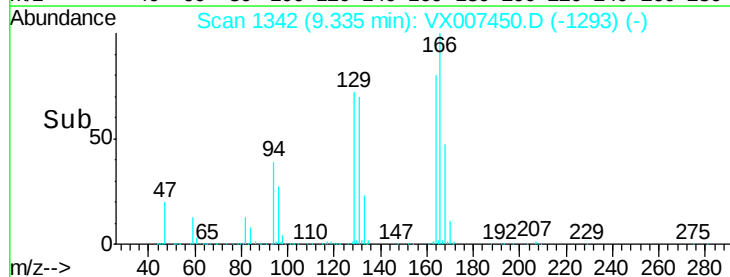
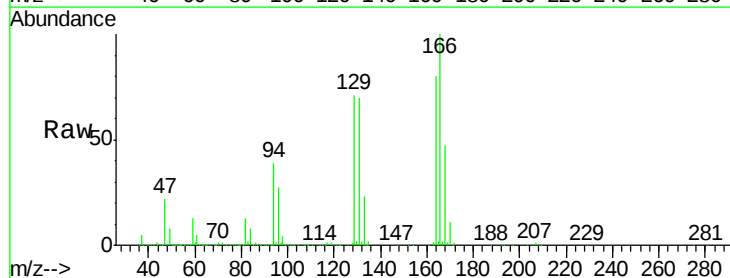
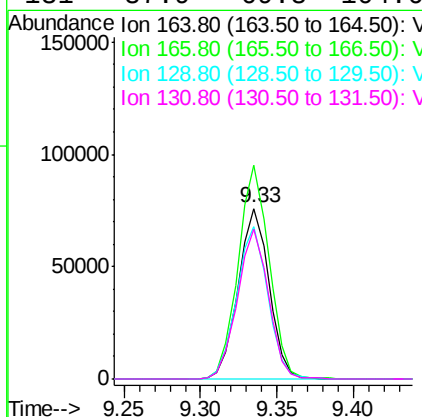
Manual Integrations
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#64
Tetrachloroethene
Concen: 18.260 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	107052		
166	125.1		101.0	151.4
129	89.5		70.5	105.7
131	87.9		69.8	104.6





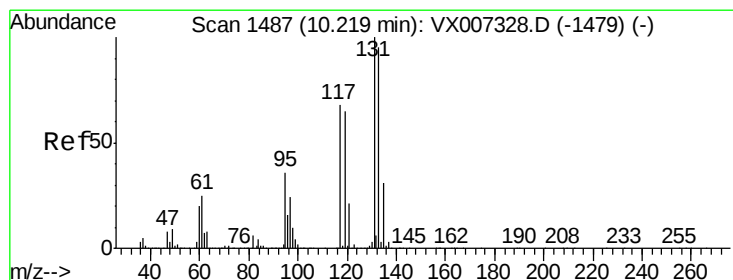
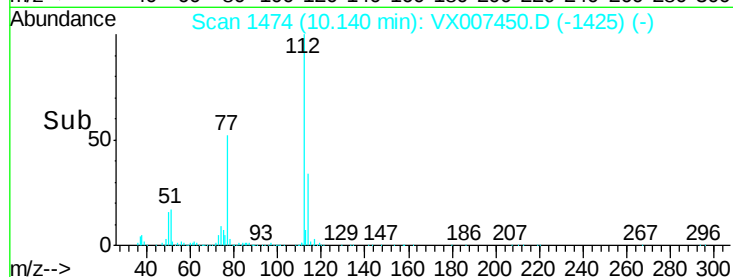
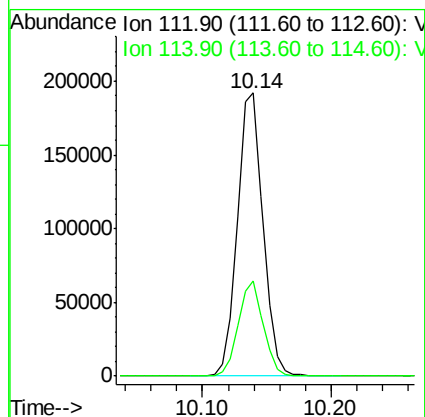
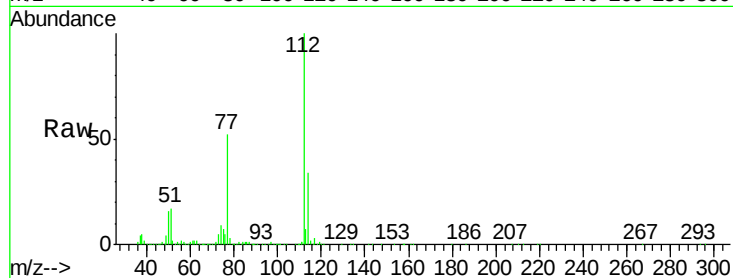
#65
Chlorobenzene
Concen: 19.551 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

Instrument :
MSVOA_X
ClientSampleId :
VX0208WBSD02

Tot Ion:112 Resp: 265377
Ion Ratio Lower Upper
112 100
114 33.6 25.8 38.6

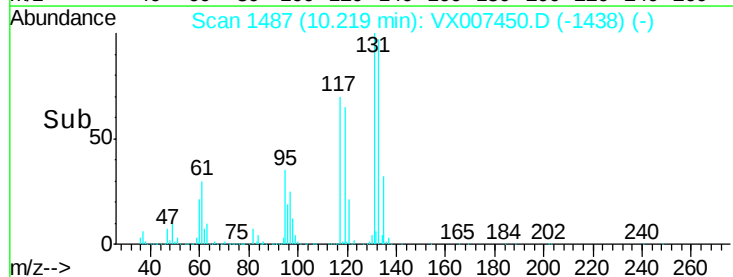
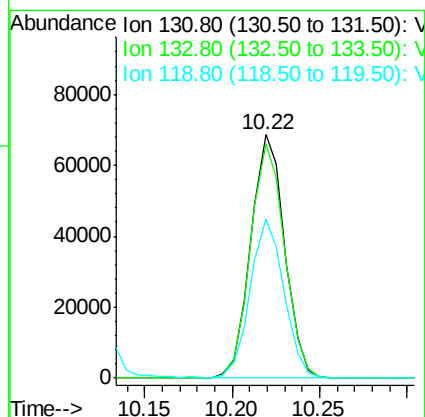
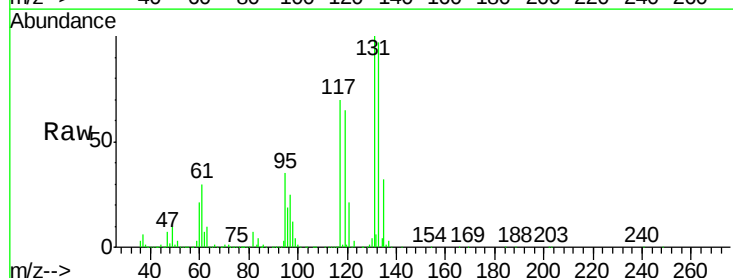
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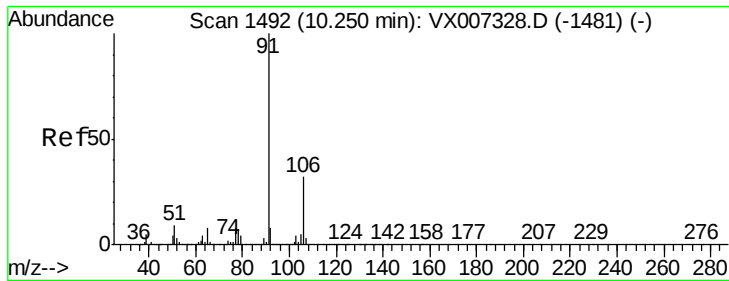
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.285 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

Tgt Ion:131 Resp: 92315
Ion Ratio Lower Upper
131 100
133 97.2 48.0 144.2
119 65.3 32.0 96.0





#67

Ethyl Benzene

Concen: 19.897 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Instrument :

MSVOA_X

ClientSampleId :

VX0208WBSD02

Tot Ion: 91 Resp: 434937

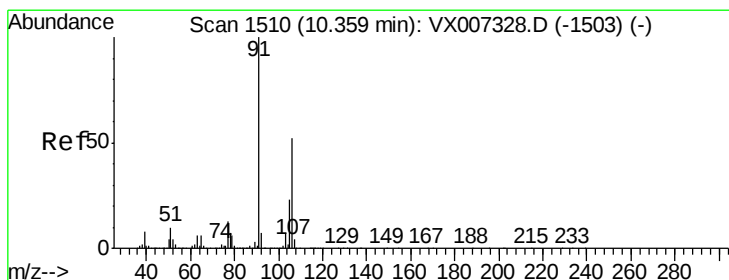
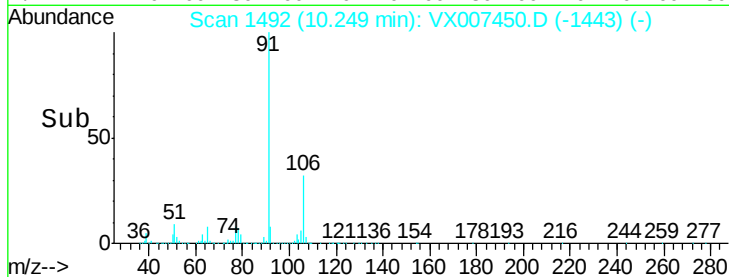
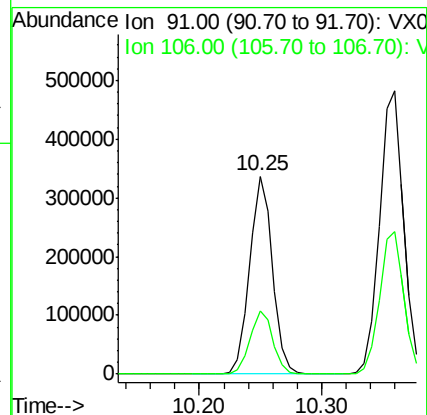
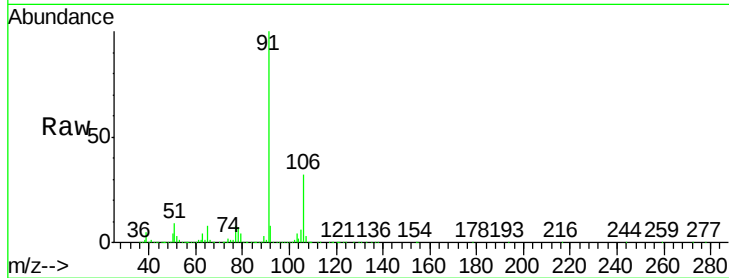
Ion Ratio Lower Upper

91 100

106 32.0 25.4 38.0

Manual Integrations
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#68

m/p-Xylenes

Concen: 38.590 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007450.D

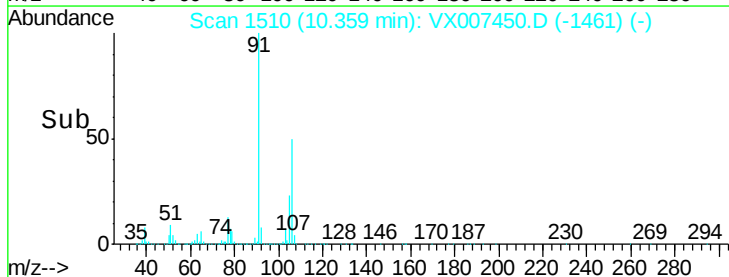
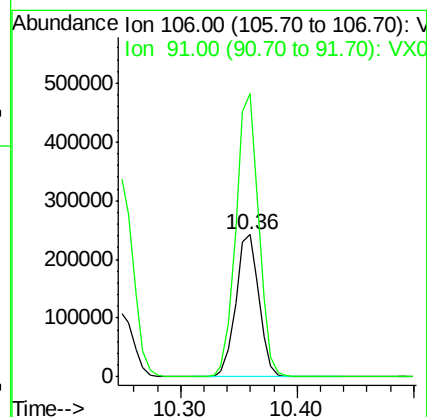
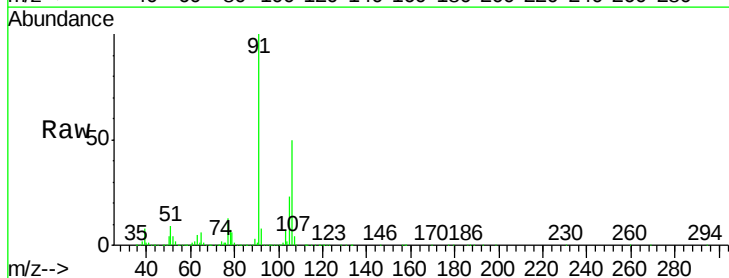
Acq: 08 Feb 2019 18:49

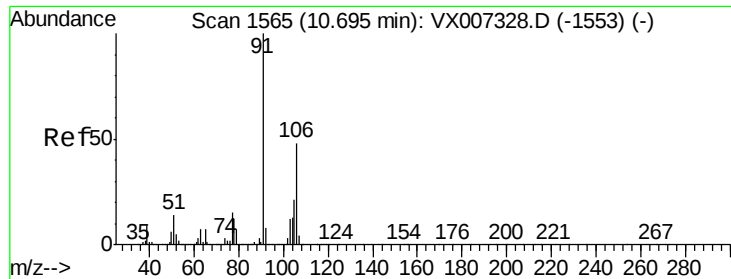
Tgt Ion: 106 Resp: 335319

Ion Ratio Lower Upper

106 100

91 197.1 156.6 234.8





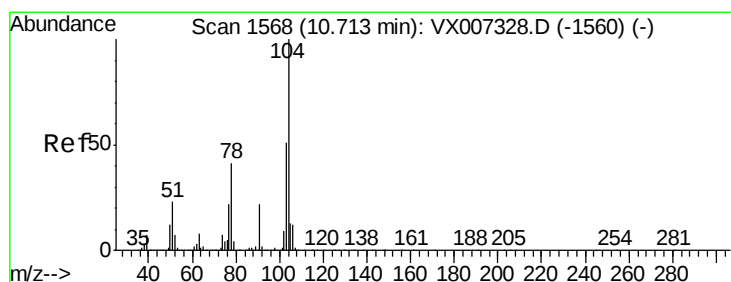
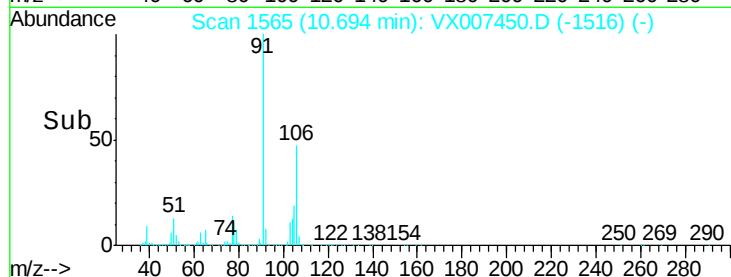
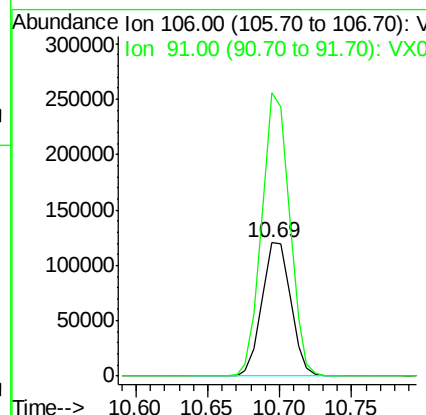
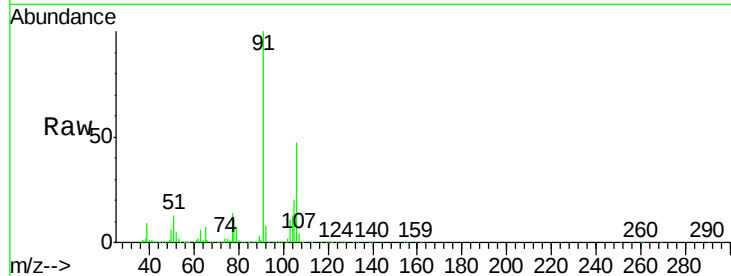
#69
o-Xylene
Concen: 19.884 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

Instrument :
MSVOA_X
ClientSampleId :
VX0208WBSD02

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	204.8	102.9	308.7	

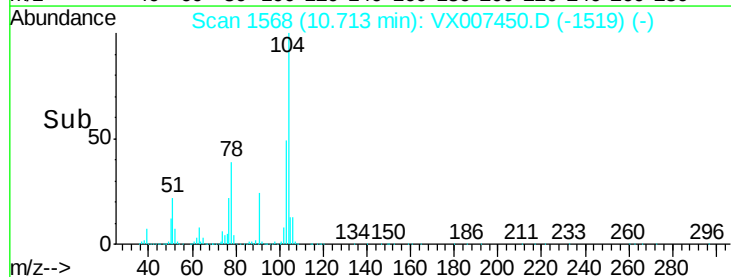
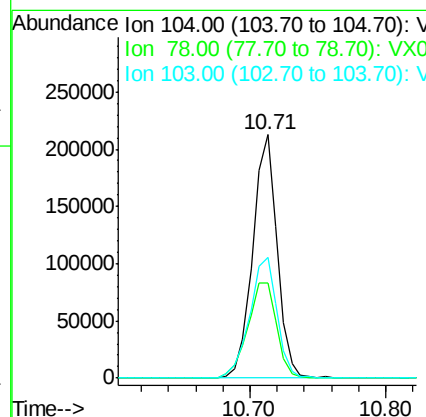
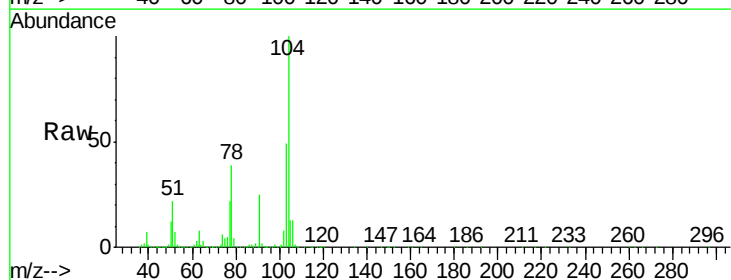
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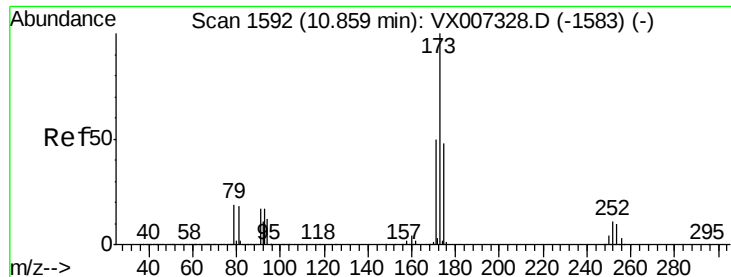
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#70
Styrene
Concen: 19.781 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	46.8	38.3	57.5	
103	55.8	44.6	67.0	





#71

Bromoform

Concen: 20.076 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Instrument :

MSVOA_X

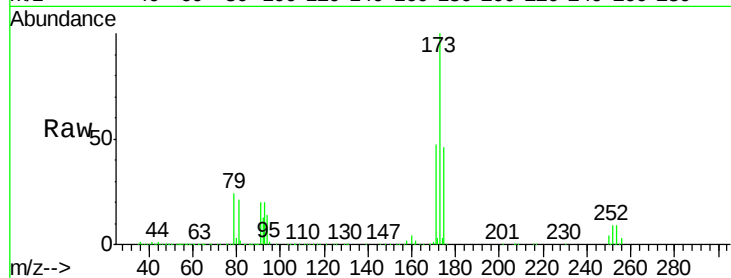
ClientSampleId :

VX0208WBSD02

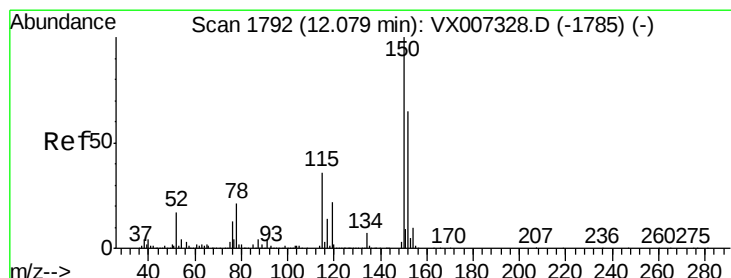
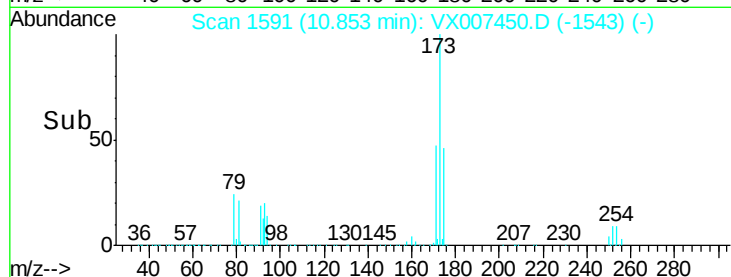
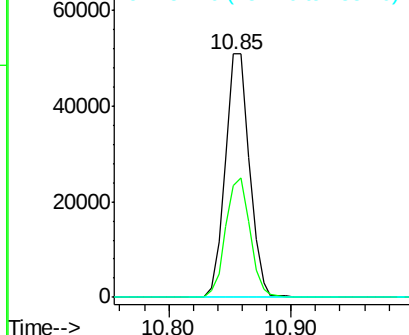
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.2	72.6
254	0.2	0.2	0.2

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

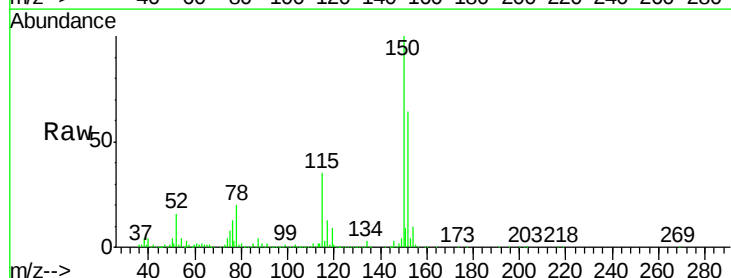
RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

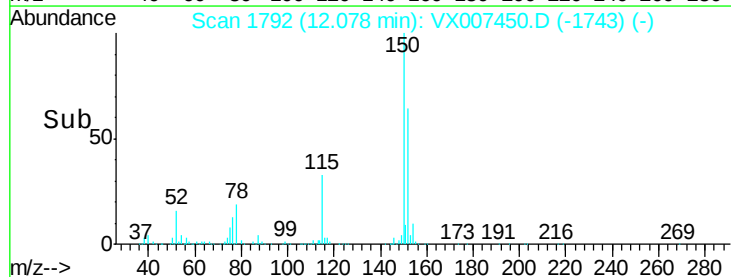
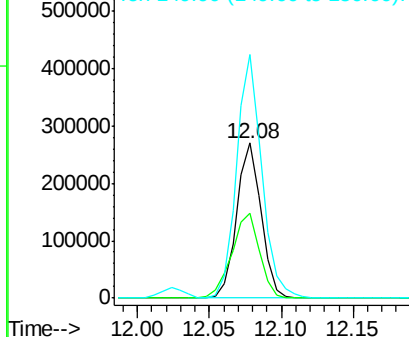
Lab File: VX007450.D

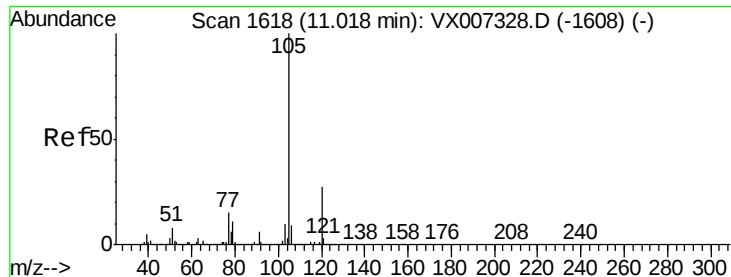
Acq: 08 Feb 2019 18:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.0	38.0	114.0
150	162.1	0.0	346.4



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: 20.284 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Instrument :

MSVOA_X

ClientSampleId :

VX0208WBSD02

Tot Ion:105 Resp: 441093

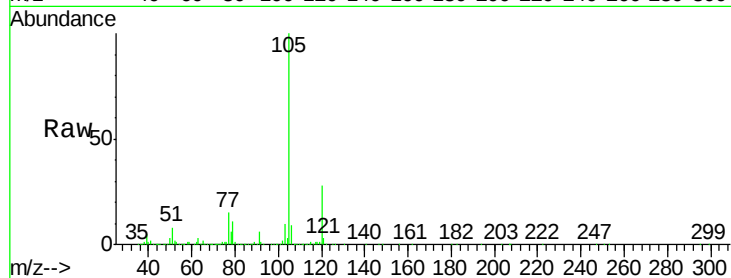
Ion Ratio Lower Upper

105 100

120 27.8 13.6 40.7

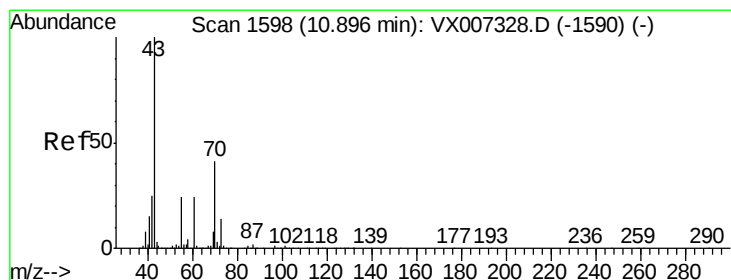
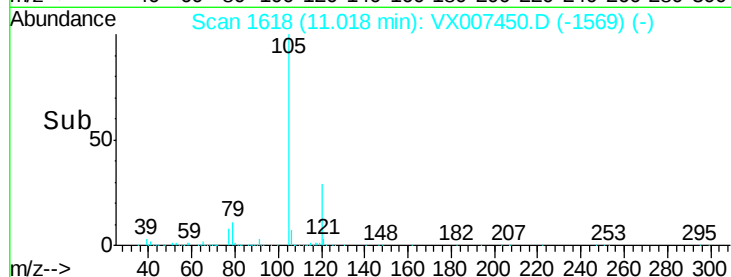
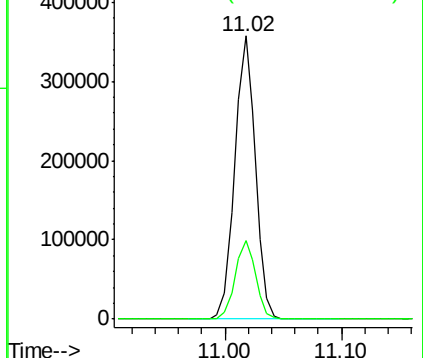
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.593 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Tgt Ion: 43 Resp: 173207

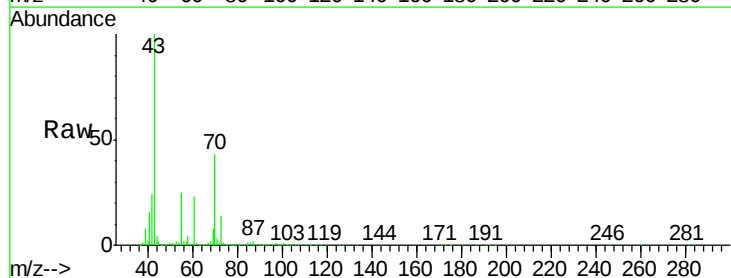
Ion Ratio Lower Upper

43 100

70 44.4 33.8 50.6

55 26.1 19.5 29.3

61 24.0 19.4 29.2

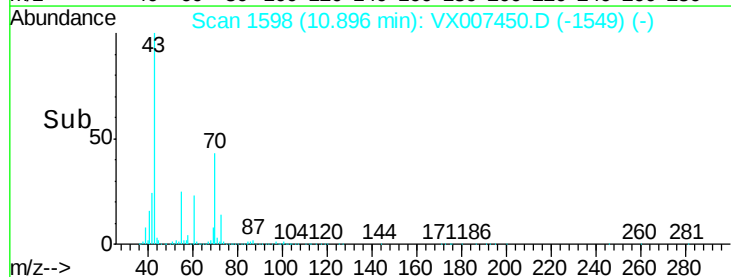
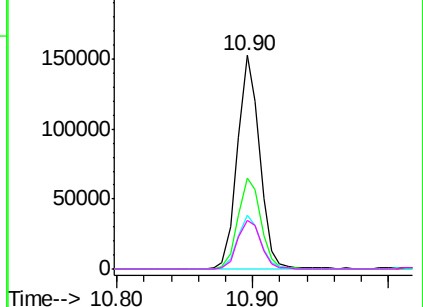


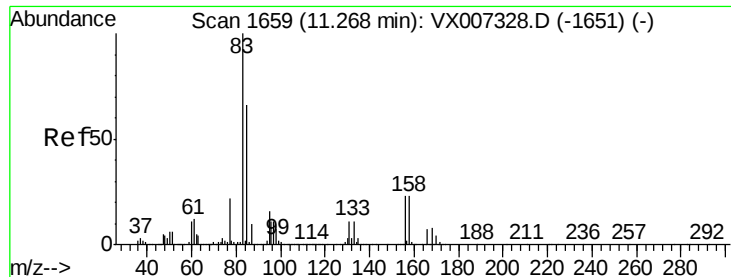
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 22.091 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Instrument :

MSVOA_X

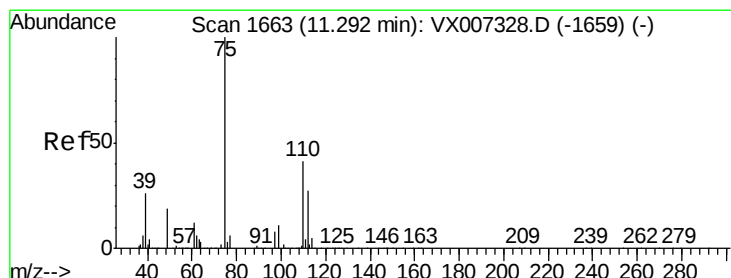
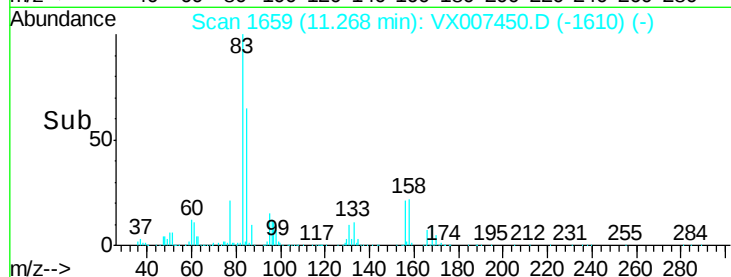
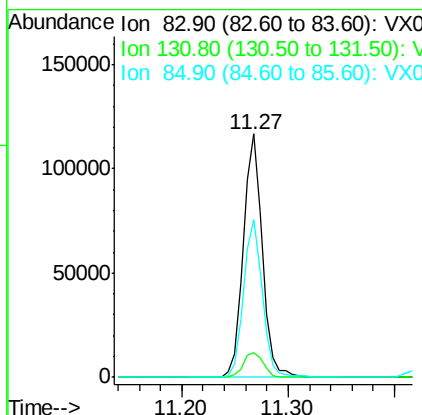
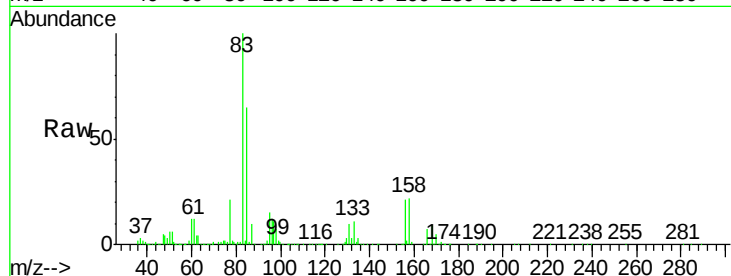
ClientSampleId :

VX0208WBSD02

Tot Ion:	83	Resp:	146402
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.7	17.0
85	64.5	32.8	98.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.648 ug/l m

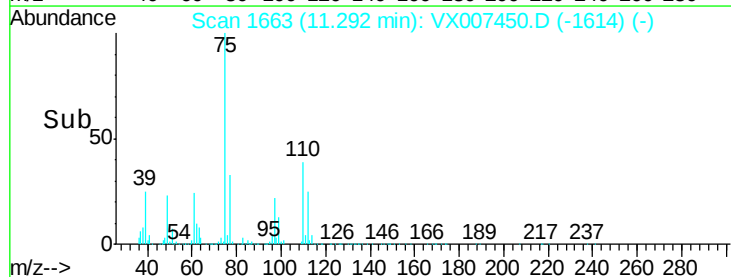
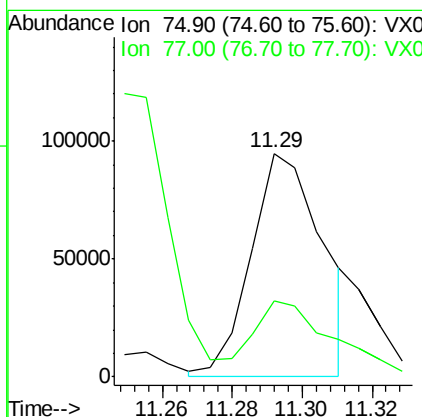
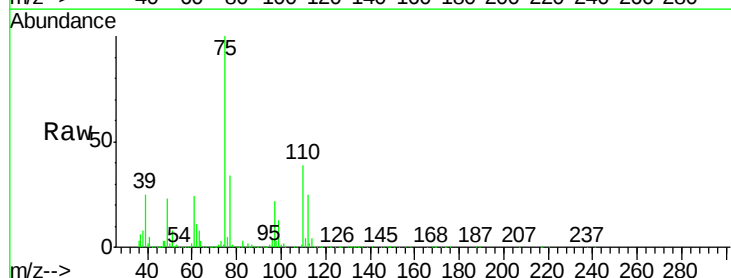
RT: 11.29 min Scan# 1663

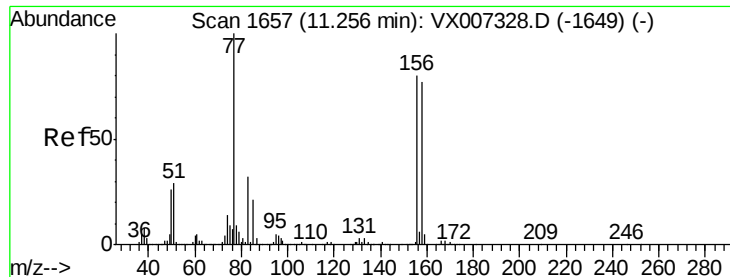
Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Tgt Ion:	75	Resp:	134741
Ion Ratio	Lower	Upper	
75	100		
77	39.2	23.0	69.0





#77

Bromobenzene

Concen: 19.705 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Instrument :

MSVOA_X

ClientSampleId :

VX0208WBSD02

Tot Ion:156 Resp: 120728

Ion Ratio Lower Upper

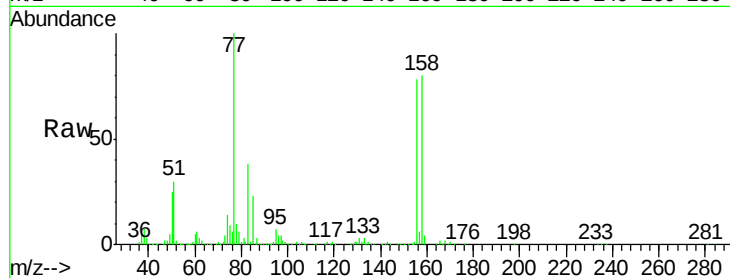
156 100

77 133.9 66.8 200.6

158 98.3 47.9 143.8

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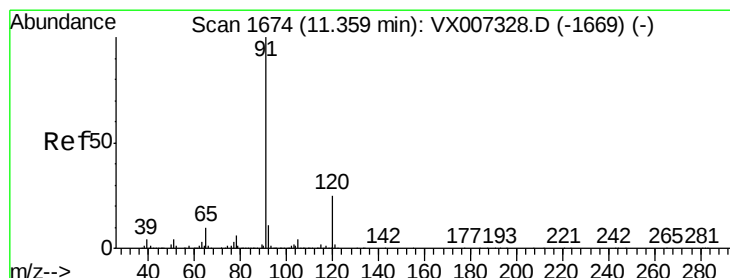
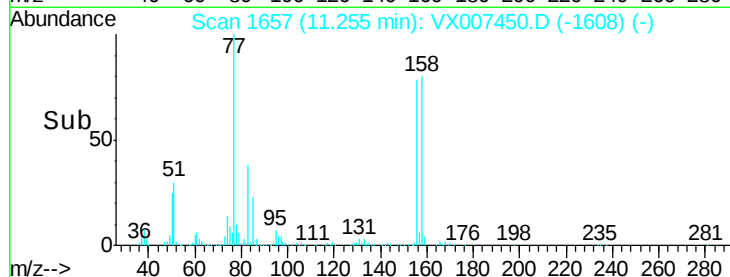
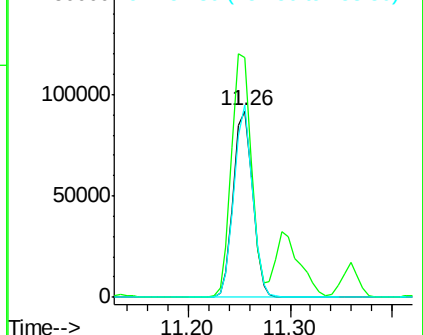
MMDadoda
2/11/2019 9:39:36 AM



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: 20.524 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007450.D

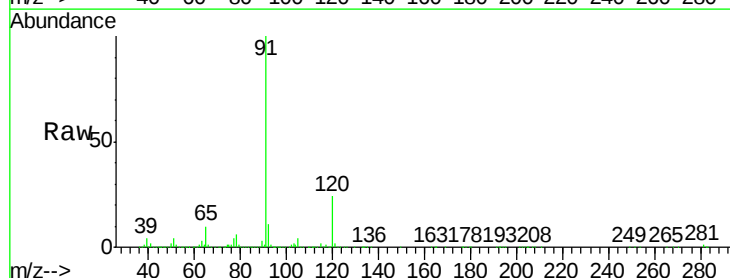
Acq: 08 Feb 2019 18:49

Tgt Ion: 91 Resp: 489391

Ion Ratio Lower Upper

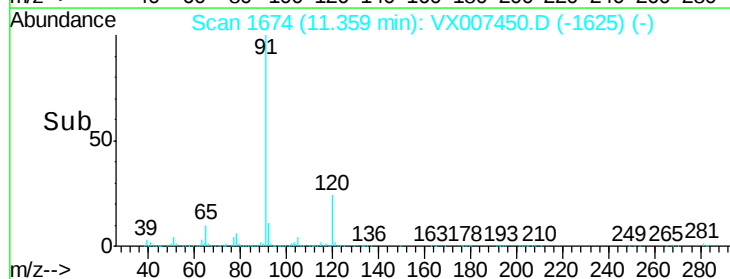
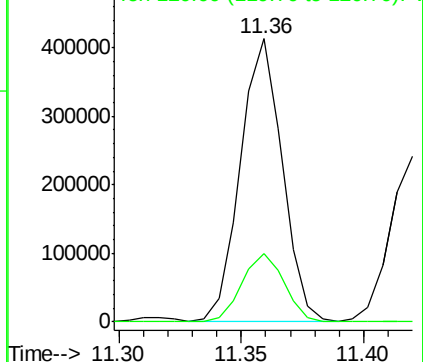
91 100

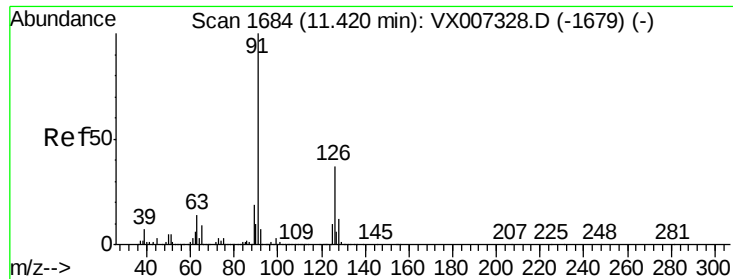
120 24.8 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





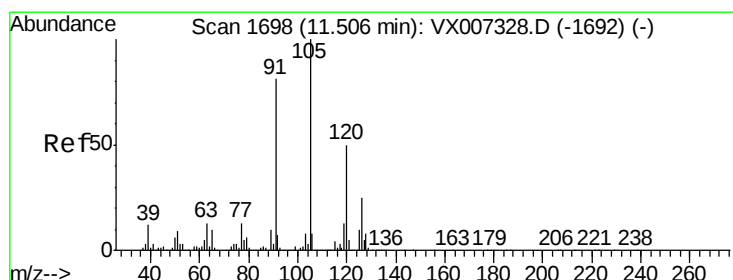
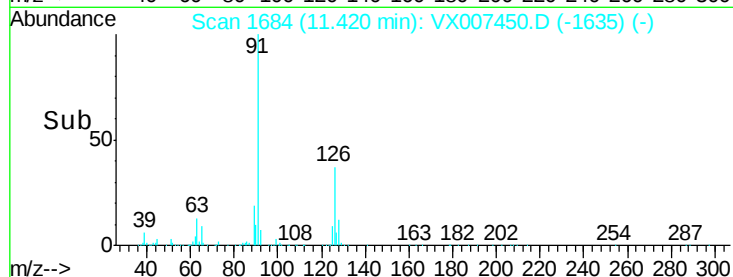
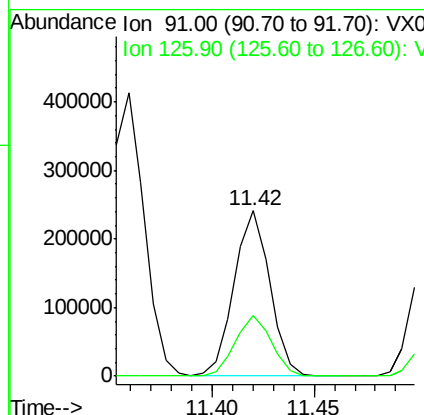
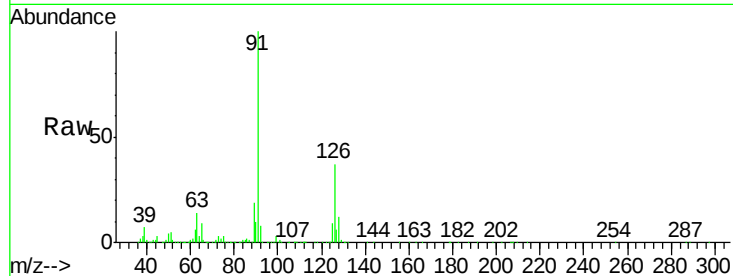
#79
 2-Chlorotoluene
 Concen: 20.072 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX007450.D
 Acq: 08 Feb 2019 18:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0208WBSD02

Tot Ion: 91 Resp: 290412
 Ion Ratio Lower Upper
 91 100
 126 37.3 18.7 56.1

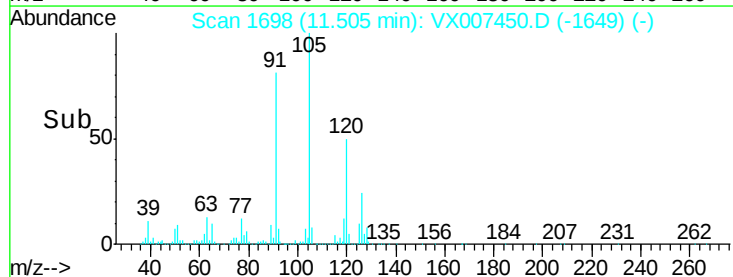
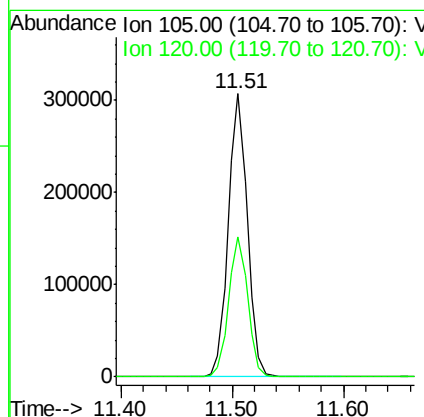
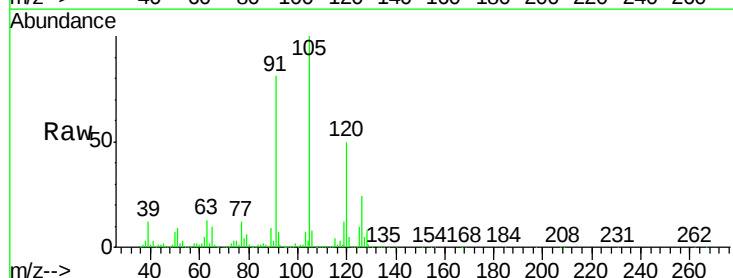
Manual Integrations
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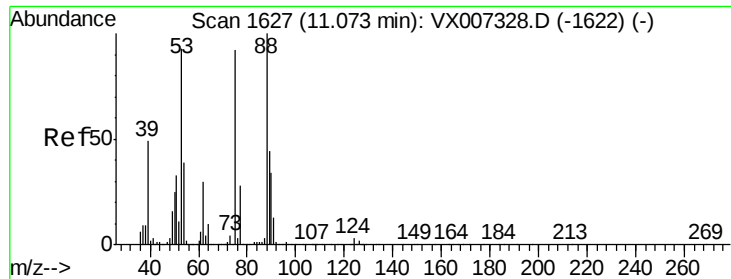
MMDadoda
 2/11/2019 9:39:36 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 20.338 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX007450.D
 Acq: 08 Feb 2019 18:49

Tgt Ion: 105 Resp: 361818
 Ion Ratio Lower Upper
 105 100
 120 49.8 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.878 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Instrument :

MSVOA_X

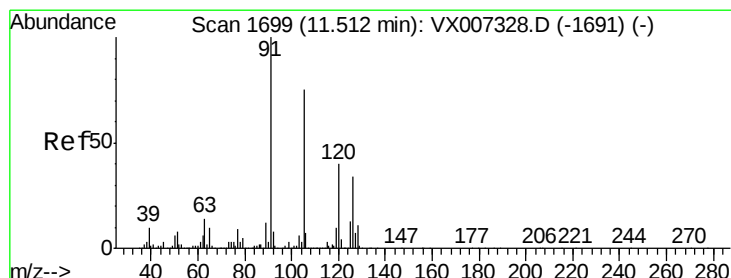
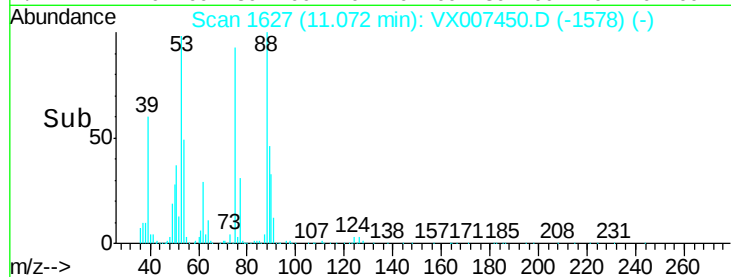
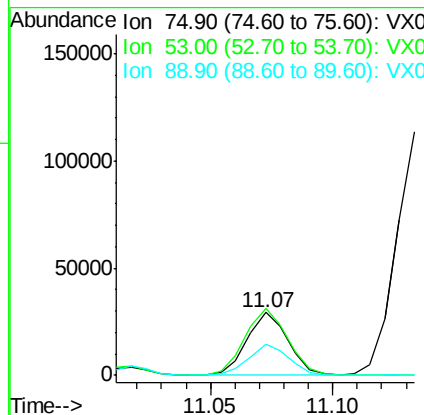
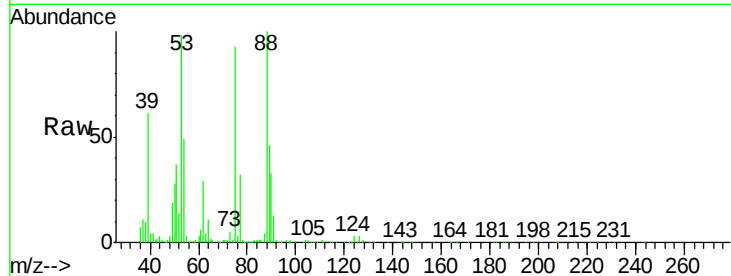
ClientSampleId :

VX0208WBSD02

Tot Ion:	75	Resp:	34426
Ion	Ratio	Lower	Upper
75	100		
53	108.2	81.0	121.6
89	49.5	41.4	62.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.906 ug/l

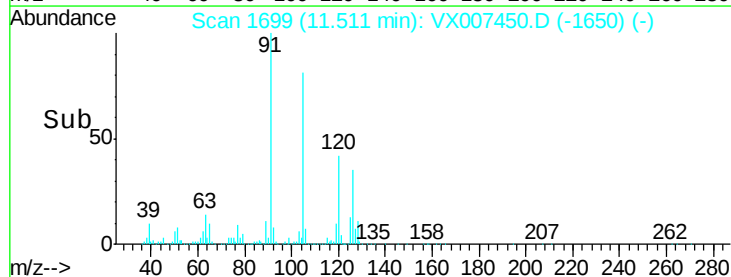
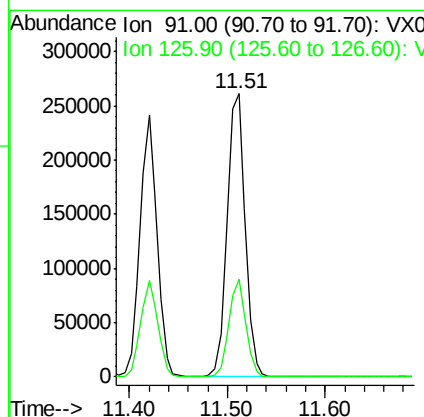
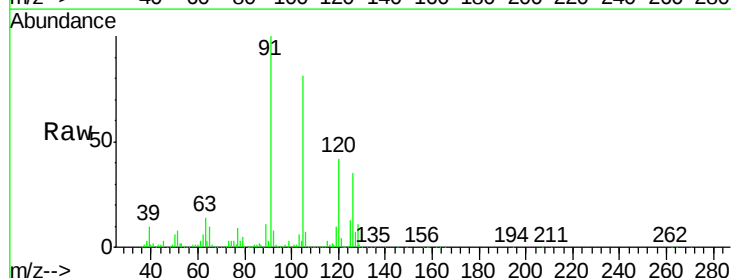
RT: 11.51 min Scan# 1699

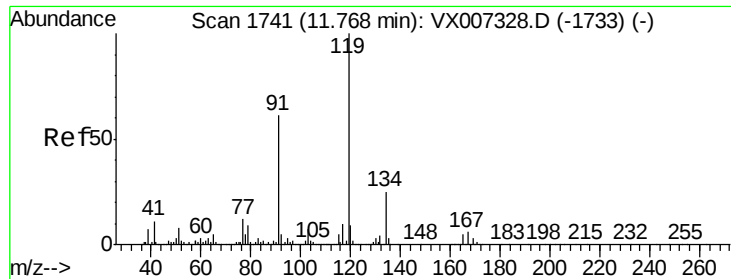
Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Tgt Ion:	91	Resp:	333271
Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.2	48.5





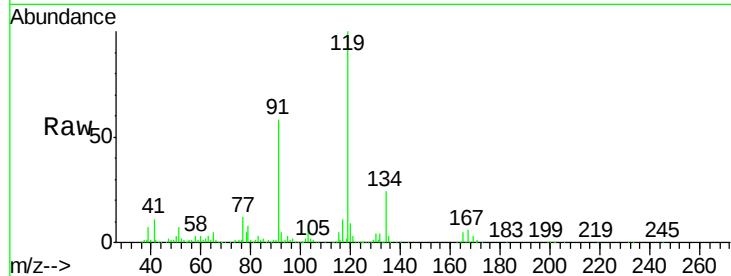
#83
tert-Butylbenzene
Concen: 20.682 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

Instrument :
MSVOA_X
ClientSampleId :
VX0208WBSD02

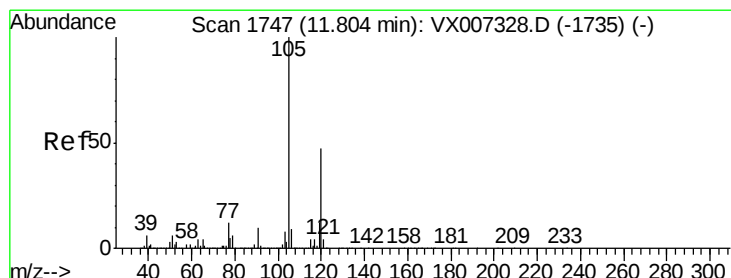
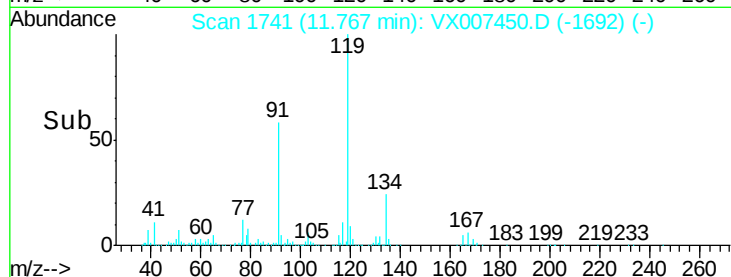
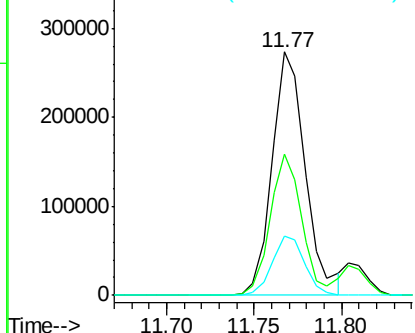
Tot Ion	Ratio	Lower	Upper
119	100		
91	54.9	28.5	85.6
134	23.9	12.0	36.0

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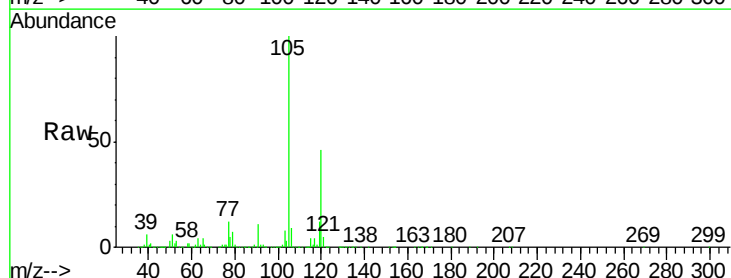


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

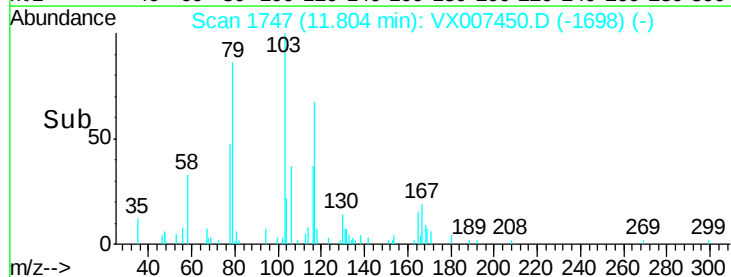
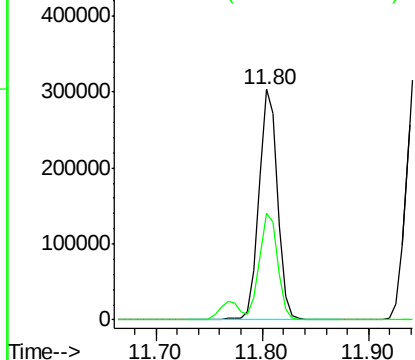


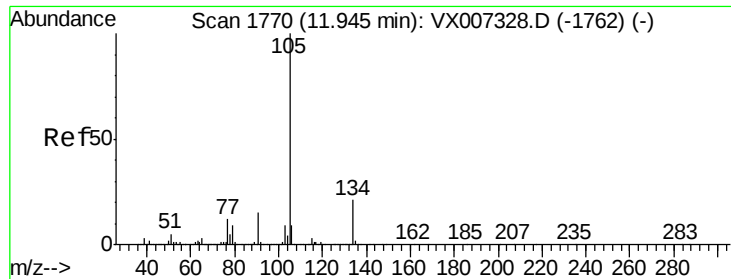
#84
1,2,4-Trimethylbenzene
Concen: 20.558 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	23.1	69.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.624 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Instrument :

MSVOA_X

ClientSampleId :

VX0208WBSD02

Tot Ion:105 Resp: 439652

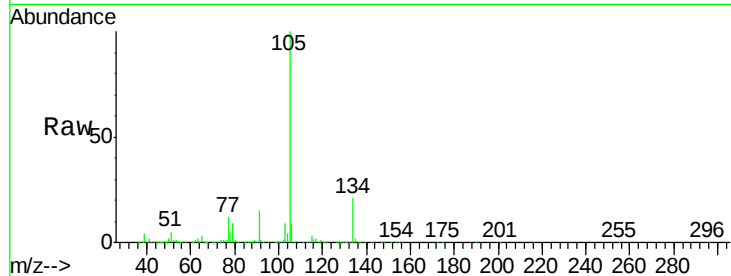
Ion Ratio Lower Upper

105 100

134 20.9 10.6 31.8

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

400000

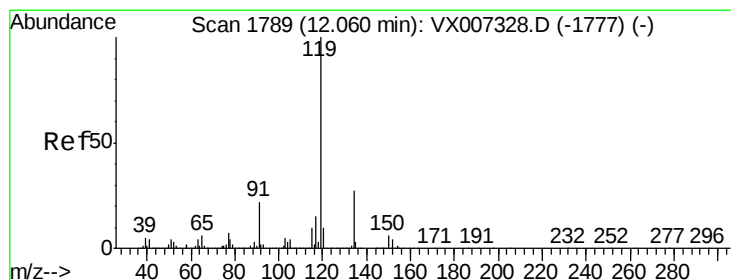
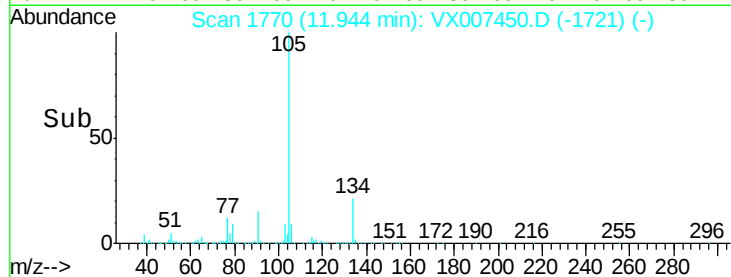
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.838 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

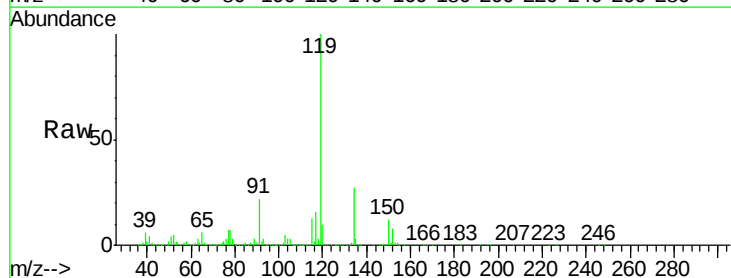
Tgt Ion:119 Resp: 381756

Ion Ratio Lower Upper

119 100

134 28.1 13.7 41.1

91 23.0 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.06

400000

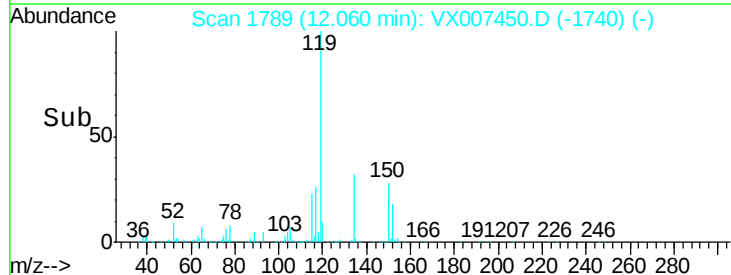
300000

200000

100000

0

Time-->





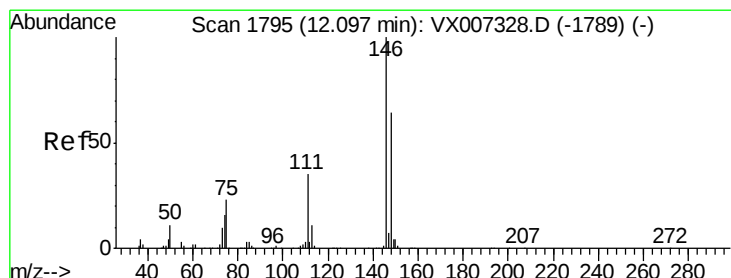
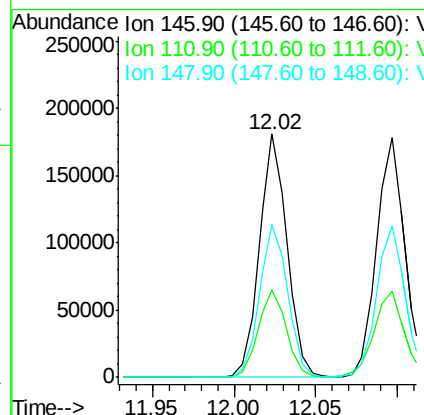
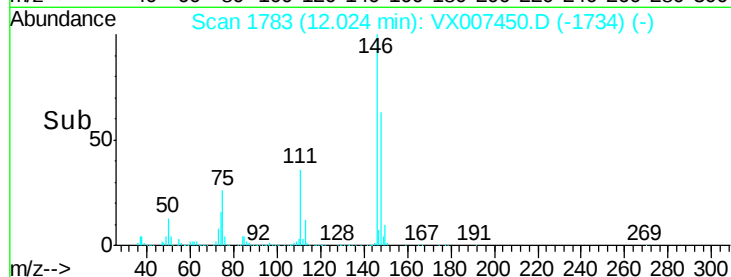
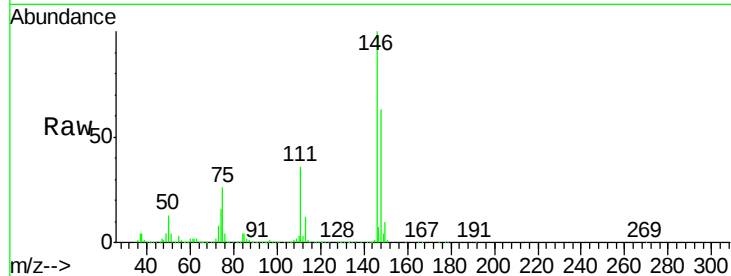
#87
 1,3-Dichlorobenzene
 Concen: 19.420 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007450.D
 Acq: 08 Feb 2019 18:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0208WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.1	54.1
148	64.0	32.0	96.2

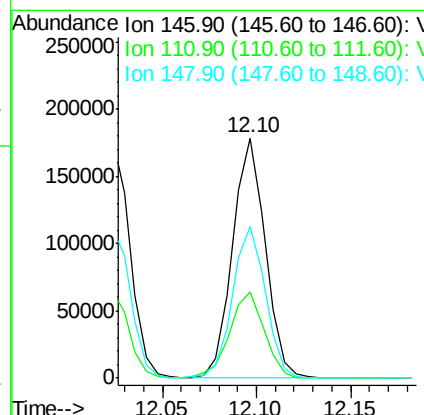
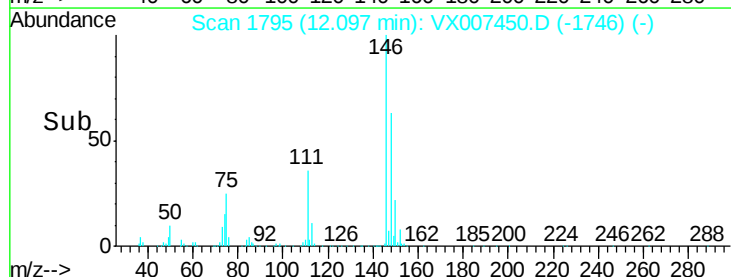
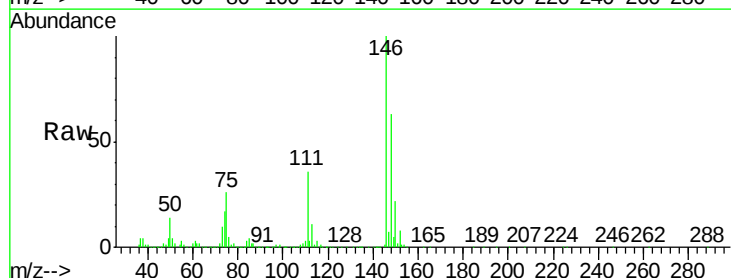
Manual Integrations
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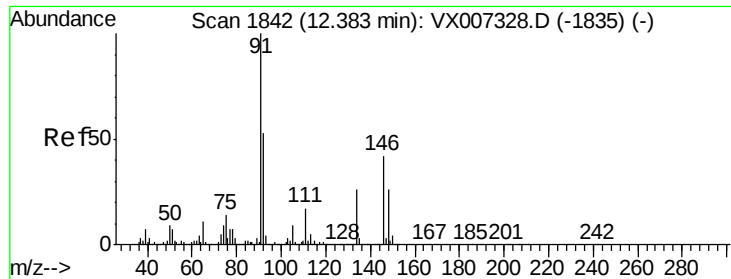
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 2/11/2019 9:39:36 AM



#88
 1,4-Dichlorobenzene
 Concen: 19.225 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007450.D
 Acq: 08 Feb 2019 18:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.1	54.1
148	63.9	32.3	96.9





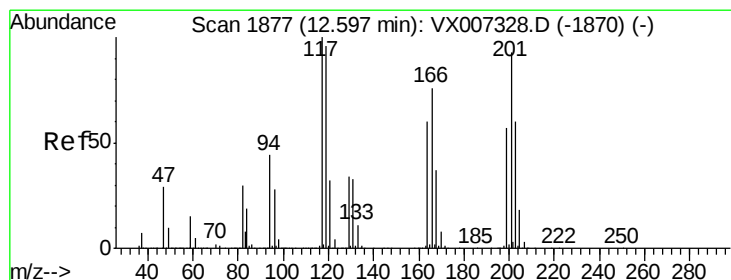
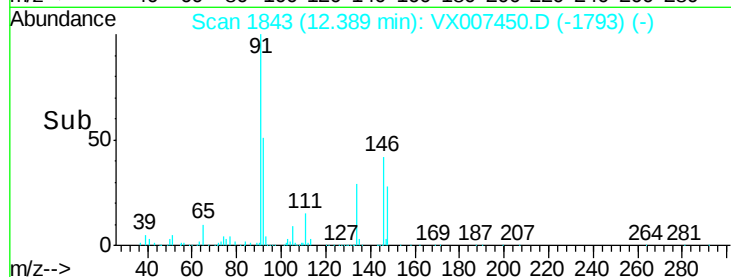
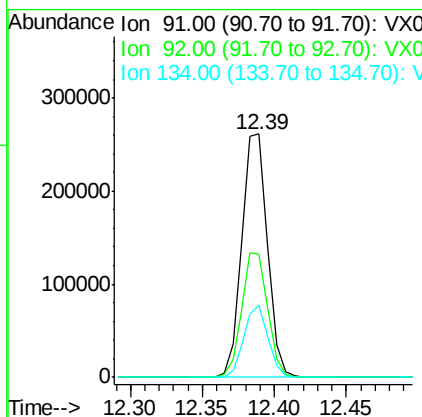
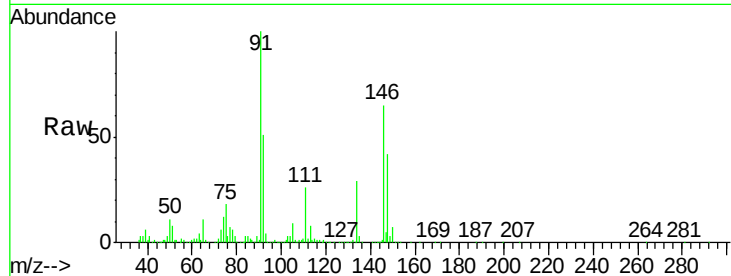
#89
n-Butylbenzene
Concen: 19.394 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

Instrument :
MSVOA_X
ClientSampleId :
VX0208WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.3	78.9
134	28.0	13.9	41.6

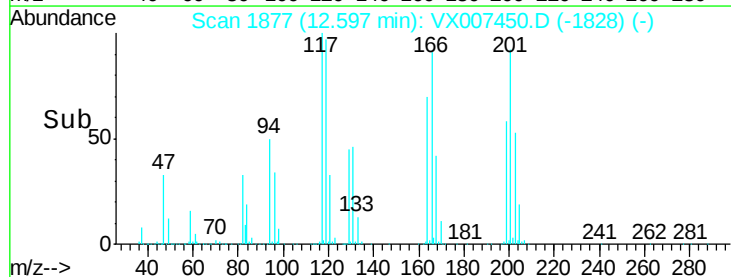
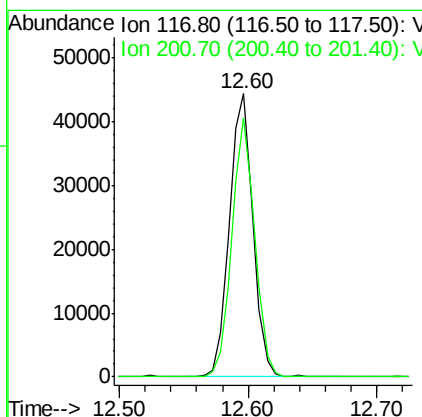
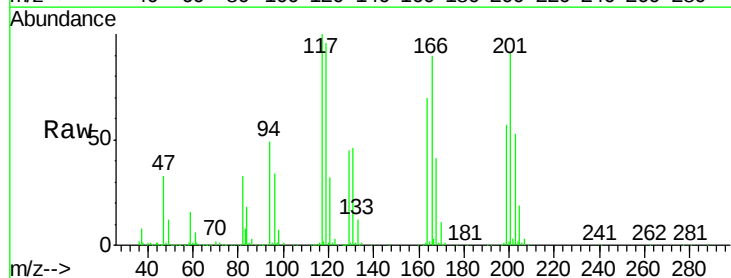
Manual Integrations
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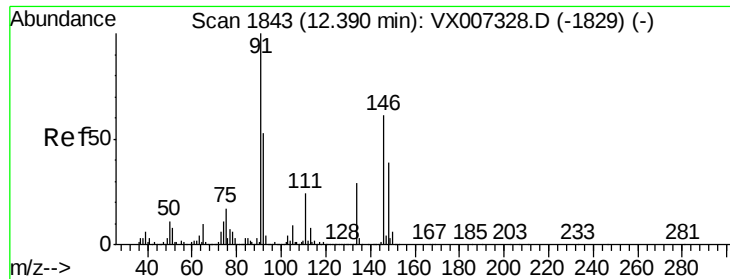
MMDadoda
2/11/2019 9:39:36 AM



#90
Hexachloroethane
Concen: 19.825 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.3	44.9	134.7





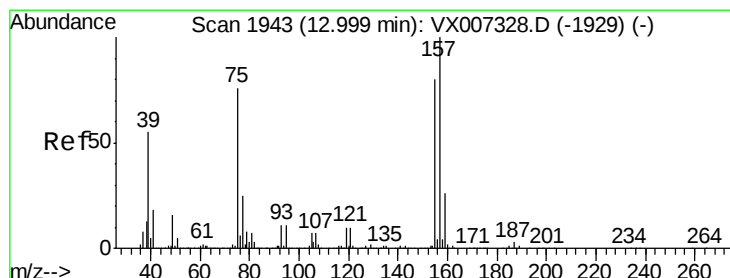
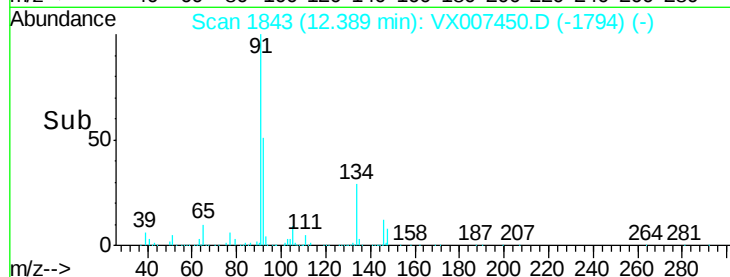
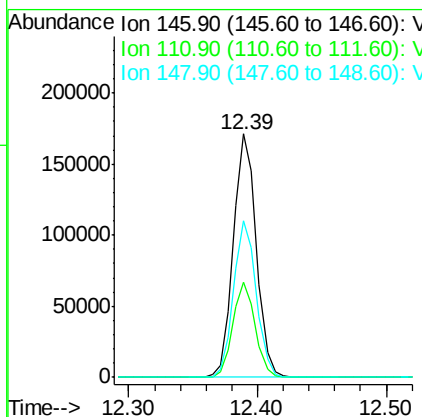
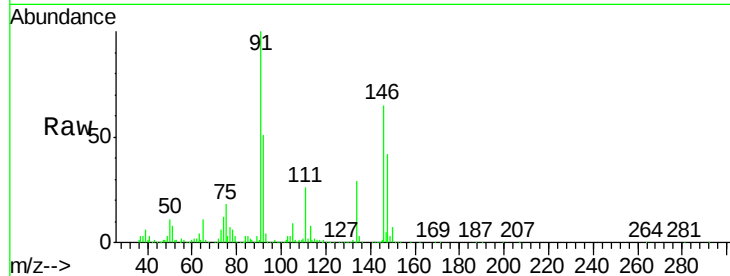
#91
 1,2-Dichlorobenzene
 Concen: 19.525 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007450.D
 Acq: 08 Feb 2019 18:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0208WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	213664		
111	38.0	19.1	57.3	
148	63.6	32.1	96.3	

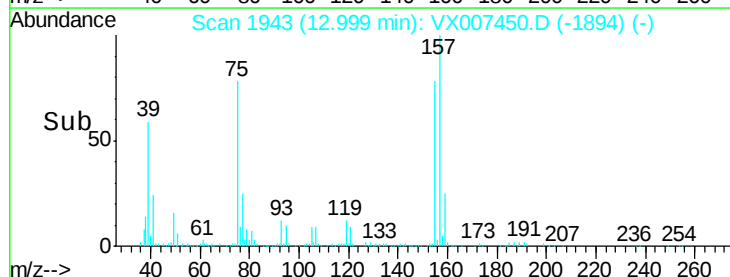
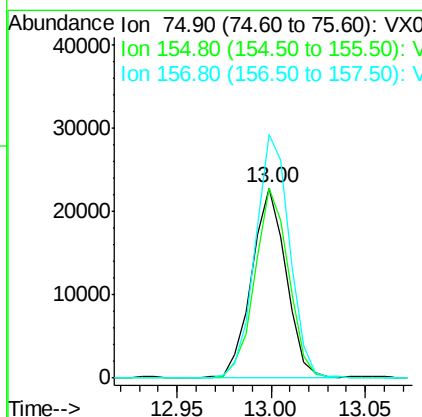
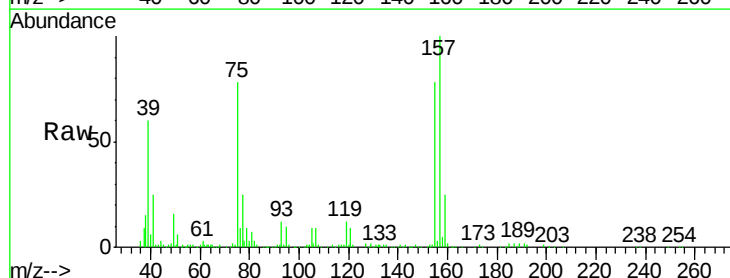
Manual Integrations
 APPROVED

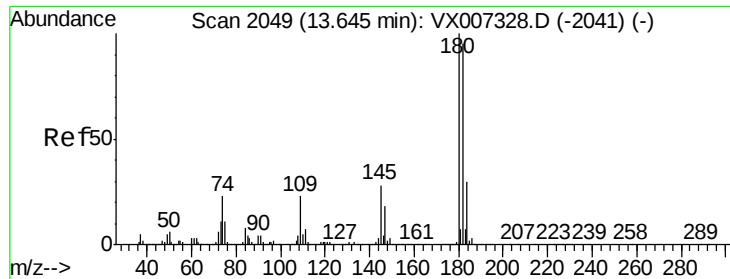
MMDadoda
 2/11/2019 9:39:36 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.947 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007450.D
 Acq: 08 Feb 2019 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	28865		
155	98.1	49.6	149.0	
157	128.1	65.1	195.3	





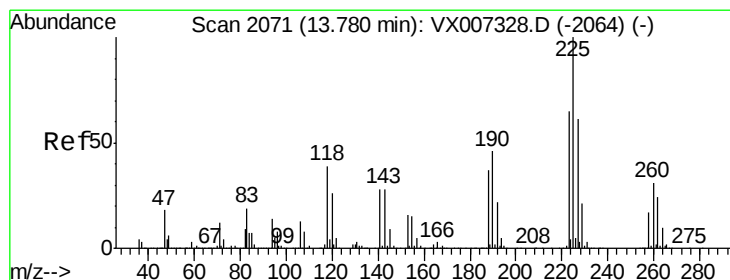
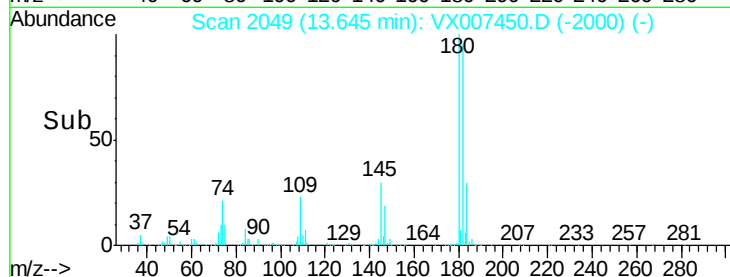
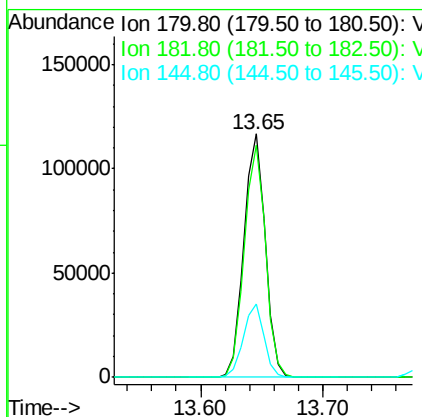
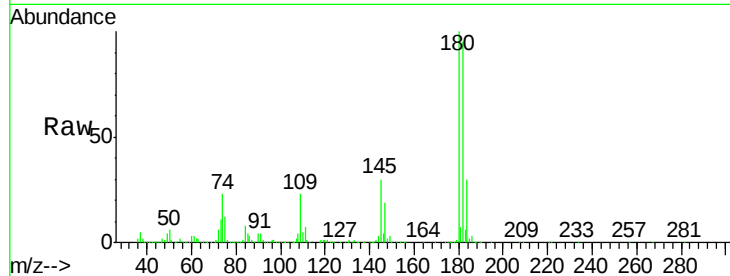
#93
 1,2,4-Trichlorobenzene
 Concen: 19.137 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007450.D
 Acq: 08 Feb 2019 18:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0208WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	141226		
182	95.1	47.8	143.3	
145	29.1	14.1	42.2	

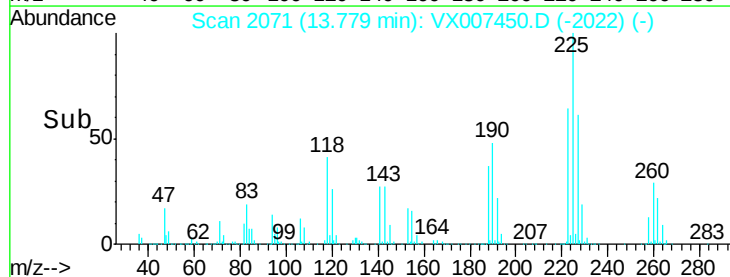
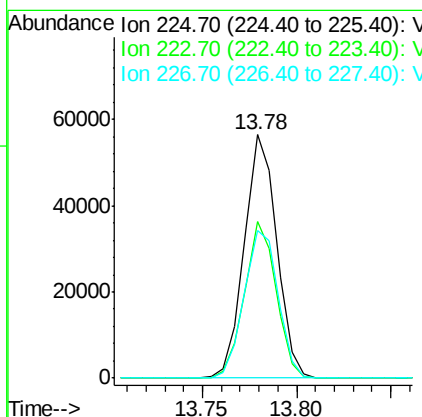
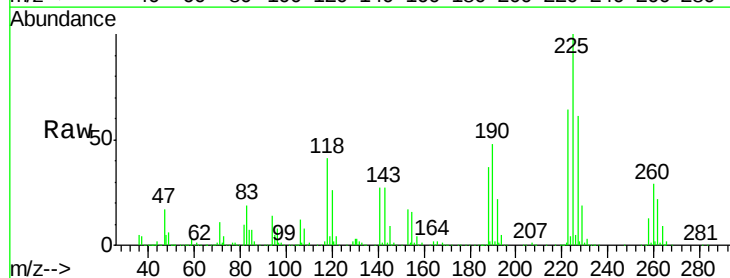
Manual Integrations
 APPROVED

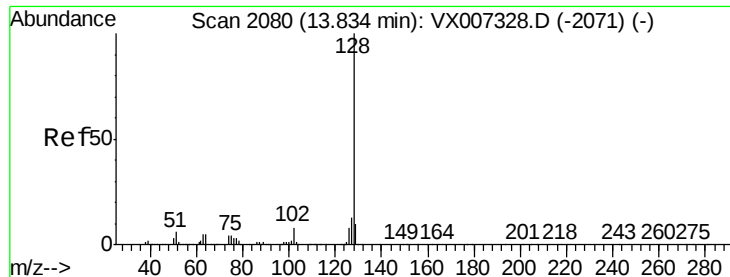
MMDadoda
 2/11/2019 9:39:36 AM



#94
 Hexachlorobutadiene
 Concen: 18.831 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007450.D
 Acq: 08 Feb 2019 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	67481		
223	62.7	31.6	94.8	
227	63.7	32.1	96.3	





#95

Naphthalene

Concen: 20.700 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Instrument :

MSVOA_X

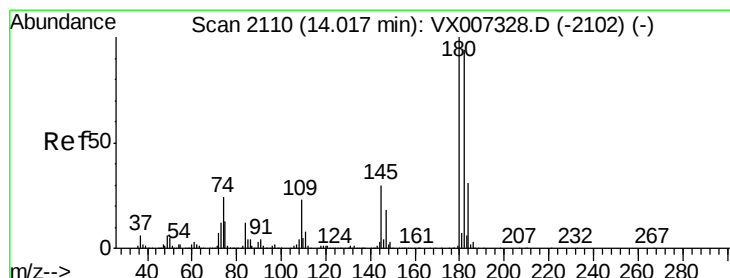
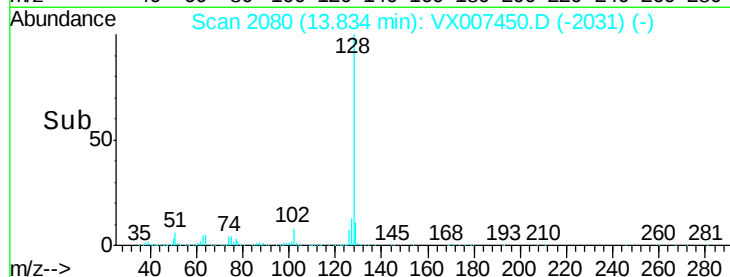
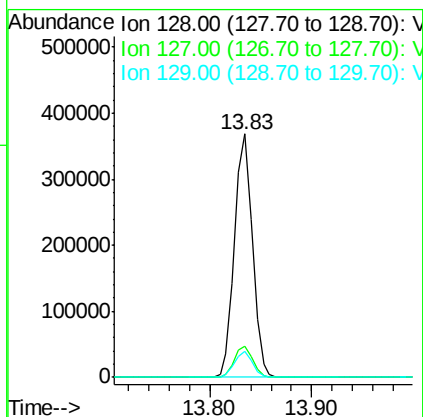
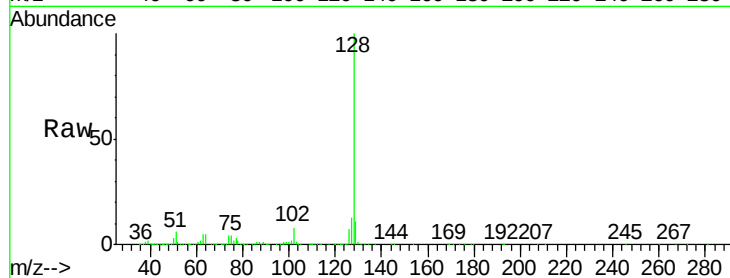
ClientSampled :

VX0208WBSD02

Tot Ion:	128	Resp:	446712
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.5	15.7
129	10.6	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
2/11/2019 9:39:36 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.162 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Tgt Ion:	180	Resp:	142344
Ion Ratio	Lower	Upper	
180	100		
182	95.8	47.5	142.6
145	31.1	14.9	44.5

