

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021119\
 Data File : VX007472.D
 Acq On : 11 Feb 2019 17:06
 Operator : JC/SP
 Sample : VX0211WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0211WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/12/2019 12:15:46 PM

Quant Time: Feb 12 01:58:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	491496	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	729045	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	664267	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	335716	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	252523	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
35) Dibromofluoromethane	5.50	113	231954	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
50) Toluene-d8	8.71	98	835480	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	
62) 4-Bromofluorobenzene	11.13	95	299450	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	108698	18.111	ug/l	99
3) Chloromethane	1.33	50	96656	17.460	ug/l	98
4) Vinyl Chloride	1.41	62	106117	19.539	ug/l	98
5) Bromomethane	1.64	94	63250	11.400	ug/l	97
6) Chloroethane	1.73	64	78362	22.305	ug/l	98
7) Trichlorofluoromethane	1.93	101	166833	19.637	ug/l	97
8) Diethyl Ether	2.19	74	63723	19.928	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	95059	18.810	ug/l	99
10) Methyl Iodide	2.51	142	59135	7.954	ug/l	97
11) Tert butyl alcohol	3.07	59	126644	117.303	ug/l	99
12) 1,1-Dichloroethene	2.38	96	88000	18.752	ug/l	97
13) Acrolein	2.30	56	46448	91.746	ug/l	97
14) Allyl chloride	2.73	41	152747	19.976	ug/l	99
15) Acrylonitrile	3.15	53	277593	103.937	ug/l	100
16) Acetone	2.45	43	243259	101.795	ug/l	98
17) Carbon Disulfide	2.57	76	214584	18.866	ug/l	99
18) Methyl Acetate	2.78	43	147907	24.066	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	312466	20.552	ug/l	99
20) Methylene Chloride	2.86	84	102659	20.802	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	92790	18.562	ug/l	97
22) Diisopropyl ether	3.87	45	287253	20.423	ug/l	98
23) Vinyl Acetate	3.82	43	1183975	101.442	ug/l	98
24) 1,1-Dichloroethane	3.70	63	158791	19.659	ug/l	99
25) 2-Butanone	4.70	43	356249	104.754	ug/l	97
26) 2,2-Dichloropropane	4.58	77	108175	17.586	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	105160	19.260	ug/l	97
28) Bromochloromethane	5.03	49	69891	18.816	ug/l	97
29) Tetrahydrofuran	5.15	42	233186	109.022	ug/l	99
30) Chloroform	5.21	83	167240	19.842	ug/l	98
31) Cyclohexane	5.57	56	136413	18.804	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	141129	19.837	ug/l	99
36) 1,1-Dichloropropene	5.80	75	116491	17.809	ug/l	99
37) Ethyl Acetate	4.85	43	134205	20.296	ug/l	99
38) Carbon Tetrachloride	5.79	117	121512	19.148	ug/l	98

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Quant Time: Feb 12 01:58:02 2019
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 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)
39) Methylcyclohexane	7.46	83	141326	17.857	ug/l	99
40) Benzene	6.14	78	369576	19.180	ug/l	97
41) Methacrylonitrile	5.06	41	73073	20.619	ug/l	99
42) 1,2-Dichloroethane	6.20	62	124547	18.682	ug/l	99
43) Isopropyl Acetate	6.46	43	211619	20.734	ug/l	100
44) Trichloroethene	7.21	130	107977	18.606	ug/l	92
45) 1,2-Dichloropropane	7.52	63	95723	19.827	ug/l	96
46) Dibromomethane	7.66	93	66287	18.891	ug/l	100
47) Bromodichloromethane	7.90	83	115809	19.474	ug/l	99
48) Methyl methacrylate	7.77	41	106106	20.784	ug/l	97
49) 1,4-Dioxane	7.75	88	50976	442.923	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	707675	105.326	ug/l	100
52) Toluene	8.79	92	235388	18.934	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	121940	19.090	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	136796	19.474	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	100401	19.374	ug/l	98
56) Ethyl methacrylate	9.18	69	145968	20.337	ug/l	99
57) 1,3-Dichloropropane	9.37	76	161352	19.579	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	372470	98.458	ug/l	100
59) 2-Hexanone	9.49	43	544147	104.075	ug/l	99
60) Dibromochloromethane	9.58	129	99762	20.355	ug/l	99
61) 1,2-Dibromoethane	9.67	107	108431	19.758	ug/l	100
64) Tetrachloroethene	9.34	164	111779	17.854	ug/l	99
65) Chlorobenzene	10.13	112	275058	18.975	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	96719	19.901	ug/l	99
67) Ethyl Benzene	10.25	91	455016	19.492	ug/l	99
68) m/p-Xylenes	10.36	106	353281	38.072	ug/l	99
69) o-Xylene	10.69	106	172977	19.373	ug/l	99
70) Styrene	10.71	104	273351	18.877	ug/l	100
71) Bromoform	10.85	173	72799	19.732	ug/l #	99
73) Isopropylbenzene	11.02	105	461325	20.221	ug/l	99
74) N-amyl acetate	10.90	43	190188	21.553	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	149522	21.506	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	142197m	21.776	ug/l	
77) Bromobenzene	11.26	156	125605	19.541	ug/l	98
78) n-propylbenzene	11.36	91	502518	20.087	ug/l	100
79) 2-Chlorotoluene	11.42	91	299037	19.700	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	373367	20.004	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	34984	19.387	ug/l	97
82) 4-Chlorotoluene	11.51	91	339910	19.352	ug/l	99
83) tert-Butylbenzene	11.77	119	368995	19.969	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	385201	20.329	ug/l	98
85) sec-Butylbenzene	11.94	105	447366	20.003	ug/l	99
86) p-Isopropyltoluene	12.06	119	399526	19.789	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	219500	19.028	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	220924	18.876	ug/l	98
89) n-Butylbenzene	12.38	91	330109	19.007	ug/l	99
90) Hexachloroethane	12.60	117	60623	20.064	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	222663	19.395	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	30198	20.888	ug/l	97

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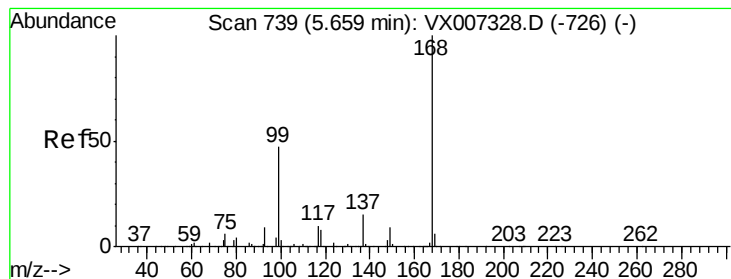
Manual Integrations
APPROVED

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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	148748	19.212	ug/l	99
94) Hexachlorobutadiene	13.78	225	70715	18.810	ug/l	99
95) Naphthalene	13.83	128	472733	20.880	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	147688	18.951	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007472.D

Acq: 11 Feb 2019 17:06

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBSD01

Tot Ion:168 Resp: 491496

Ion Ratio Lower Upper

168 100

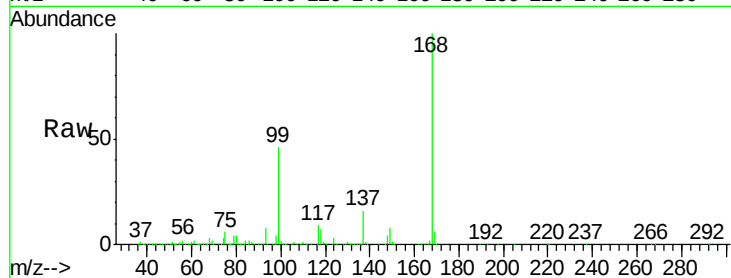
99 45.7 37.9 56.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

150000

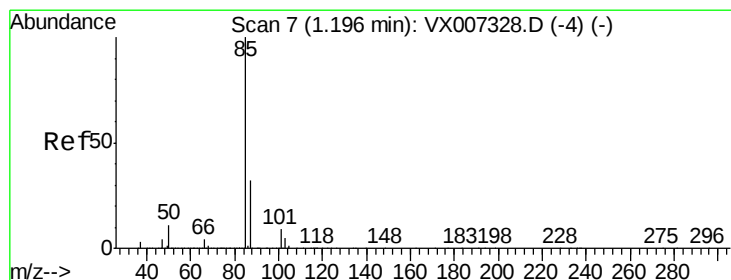
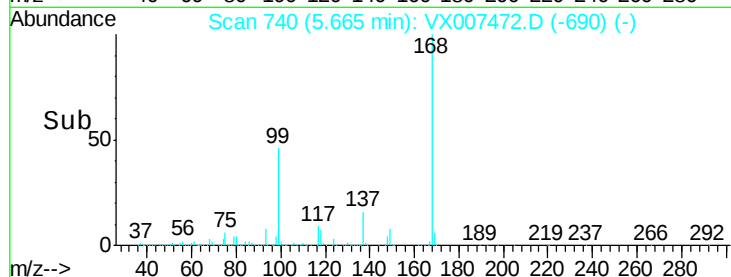
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50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.111 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007472.D

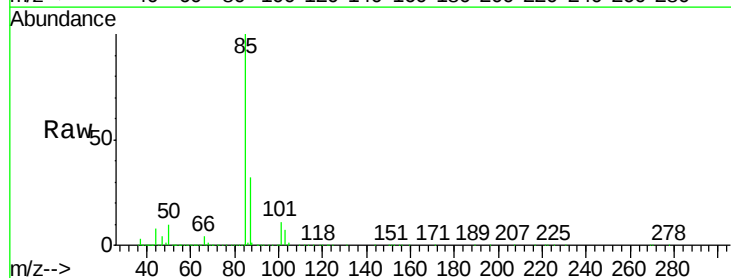
Acq: 11 Feb 2019 17:06

Tgt Ion: 85 Resp: 108698

Ion Ratio Lower Upper

85 100

87 32.2 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

60000

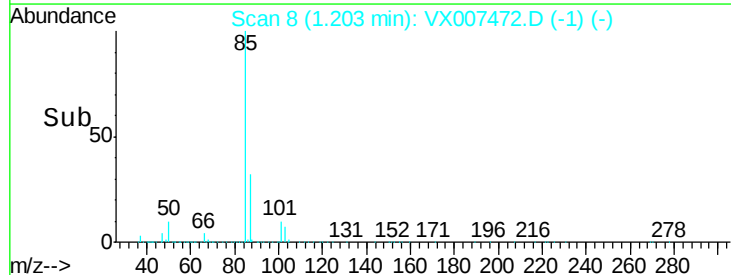
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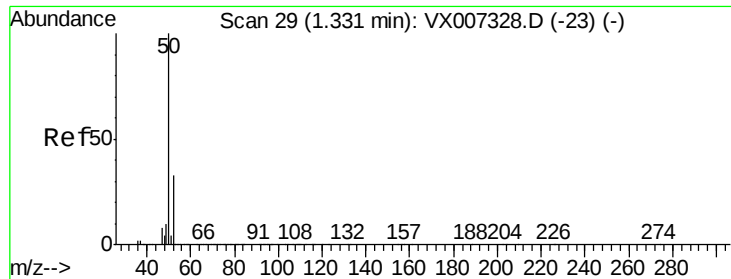
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 17.460 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007472.D

Acq: 11 Feb 2019 17:06

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBSD01

Tot Ion: 50 Resp: 96656

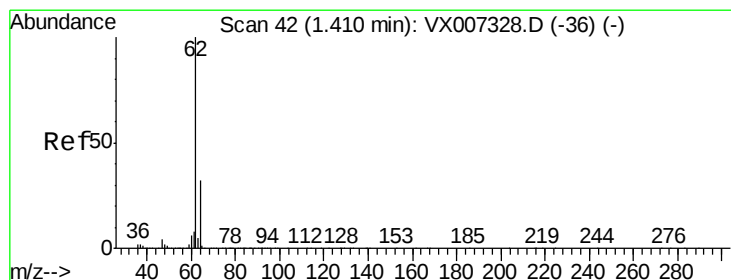
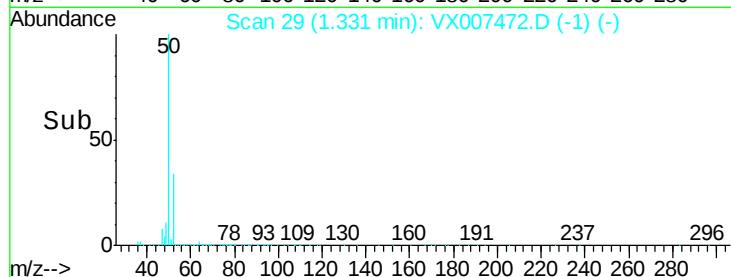
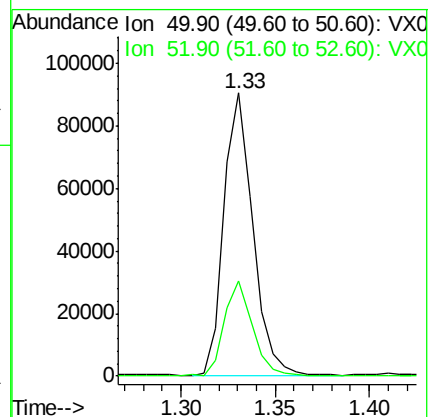
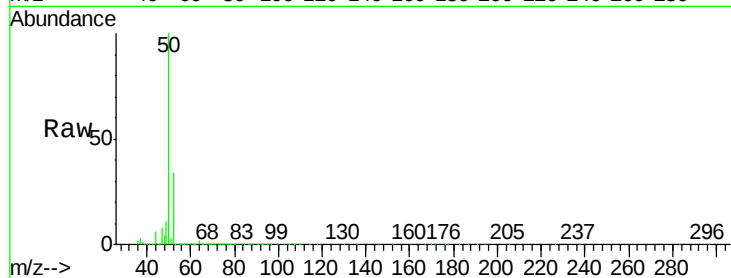
Ion Ratio Lower Upper

50 100

52 33.6 26.1 39.1

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#4

Vinyl Chloride

Concen: 19.539 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007472.D

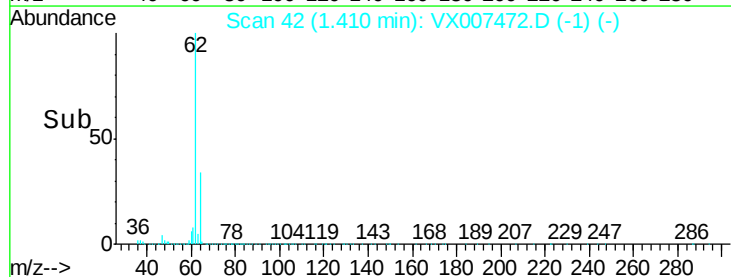
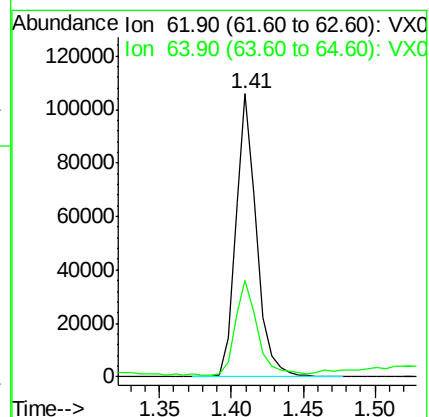
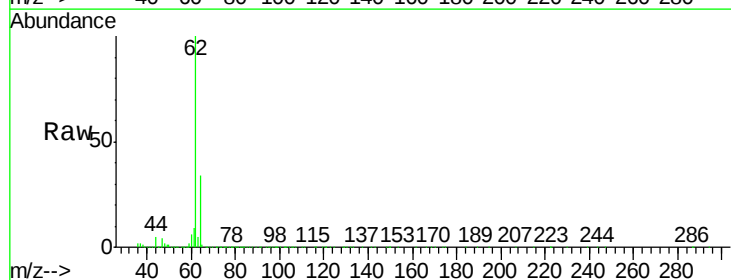
Acq: 11 Feb 2019 17:06

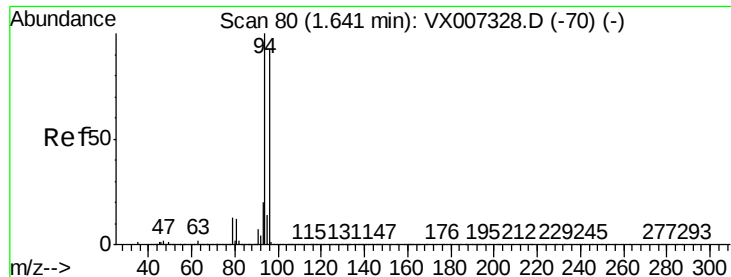
Tgt Ion: 62 Resp: 106117

Ion Ratio Lower Upper

62 100

64 33.1 25.4 38.0





#5

Bromomethane

Concen: 11.400 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007472.D

Acq: 11 Feb 2019 17:06

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBSD01

Tot Ion: 94 Resp: 63250

Ion Ratio Lower Upper

94 100

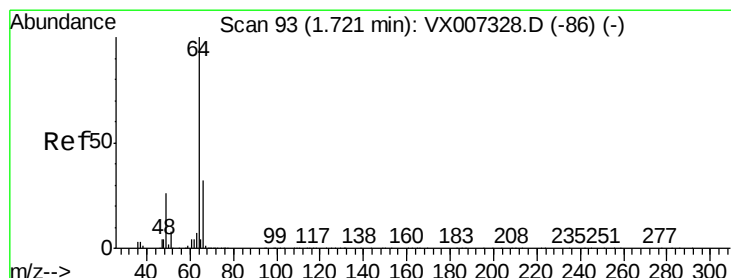
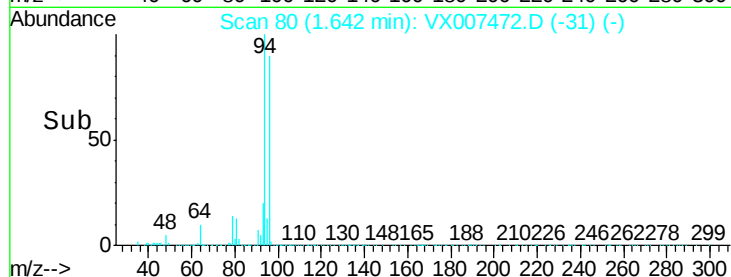
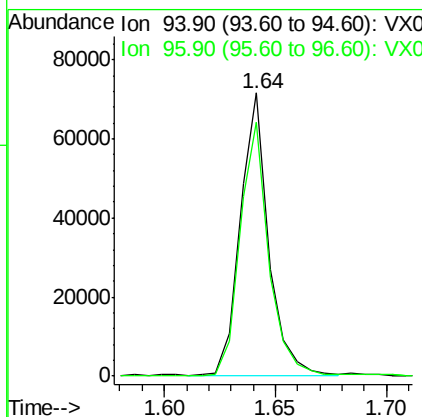
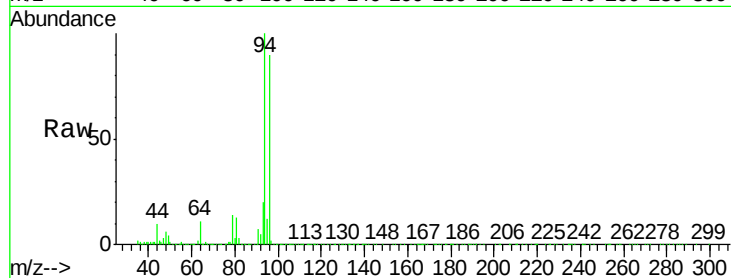
96 90.0 73.9 110.9

Manual Integrations

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#6

Chloroethane

Concen: 22.305 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007472.D

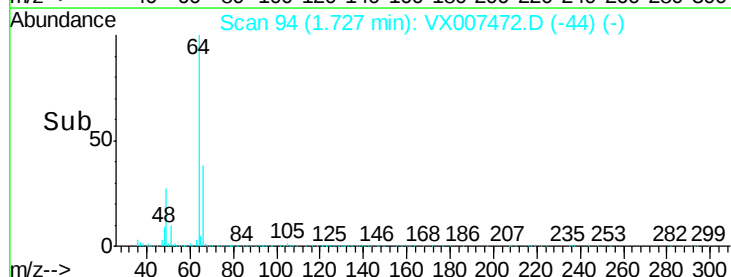
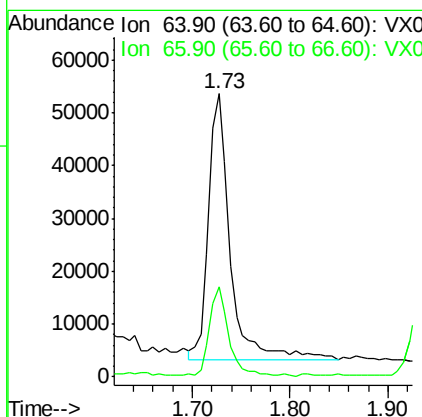
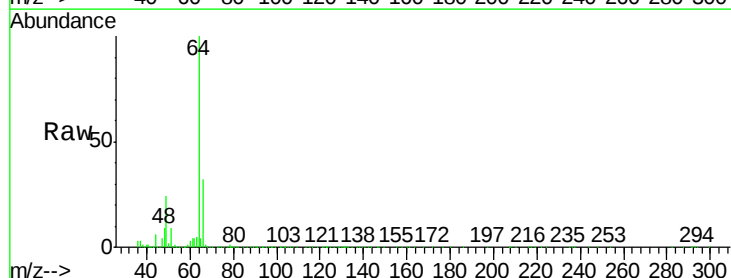
Acq: 11 Feb 2019 17:06

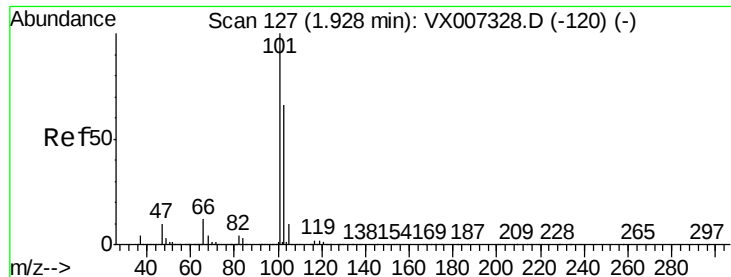
Tgt Ion: 64 Resp: 78362

Ion Ratio Lower Upper

64 100

66 33.1 25.5 38.3





#7

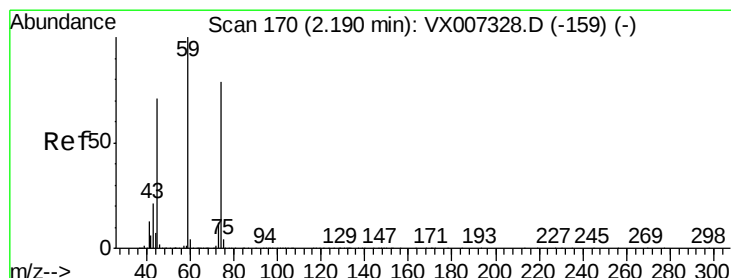
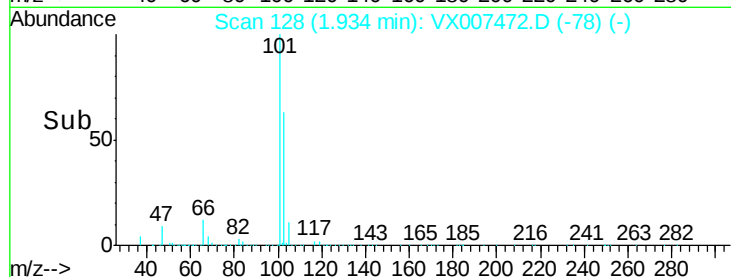
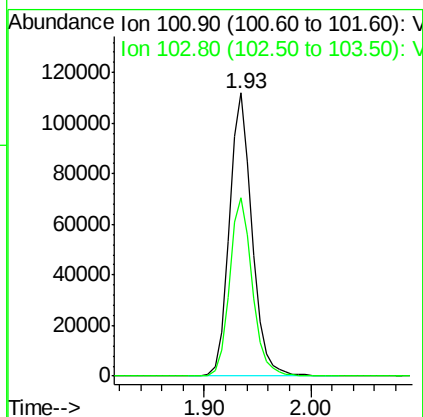
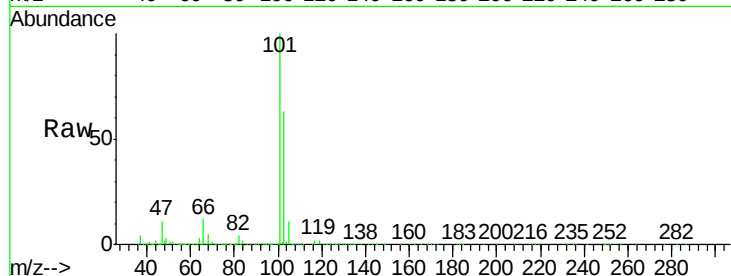
Trichlorofluoromethane
Concen: 19.637 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007472.D
Acq: 11 Feb 2019 17:06

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ClientSampleId :
VX0211WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
101	100			
103	63.0	52.6	79.0	

Manual Integrations
APPROVED

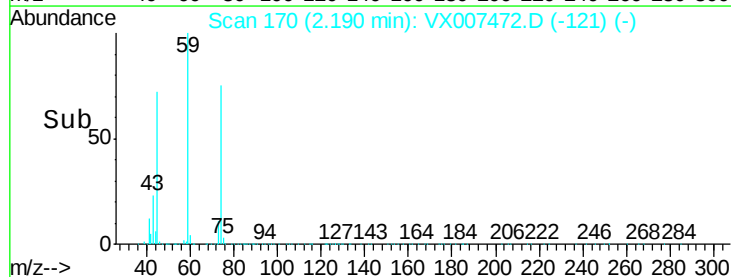
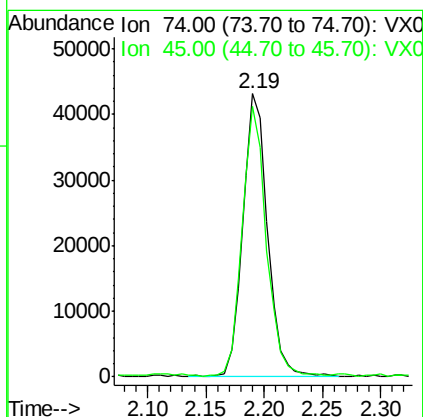
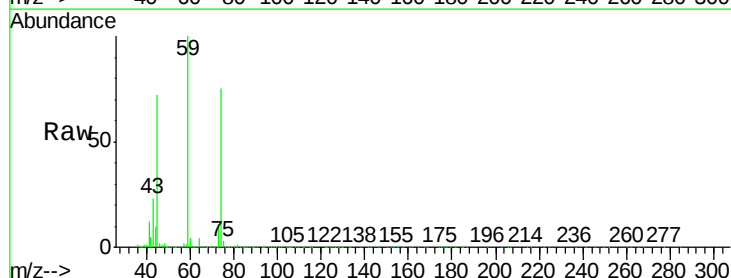
MMDadoda
2/12/2019 12:15:46 PM

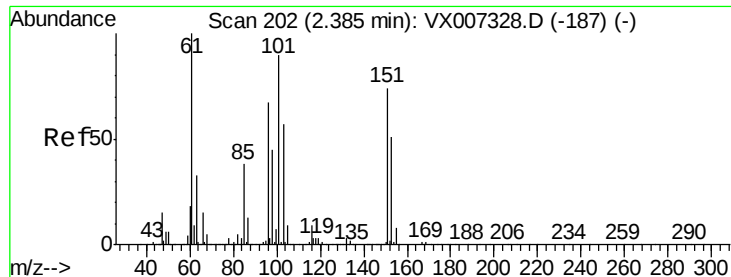


#8

Diethyl Ether
Concen: 19.928 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007472.D
Acq: 11 Feb 2019 17:06

Tgt Ion	Ion	Ratio	Lower	Upper
74	100			
45	93.3	45.7	137.1	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.810 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007472.D

Acq: 11 Feb 2019 17:06

Instrument :

MSVOA_X

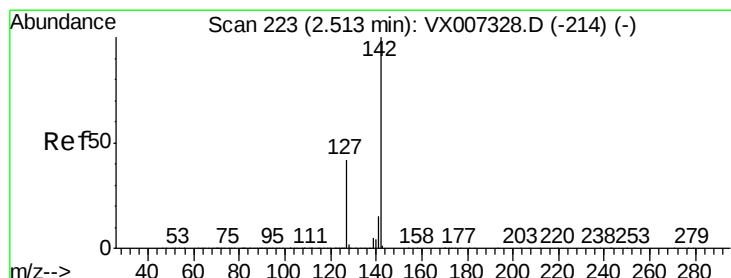
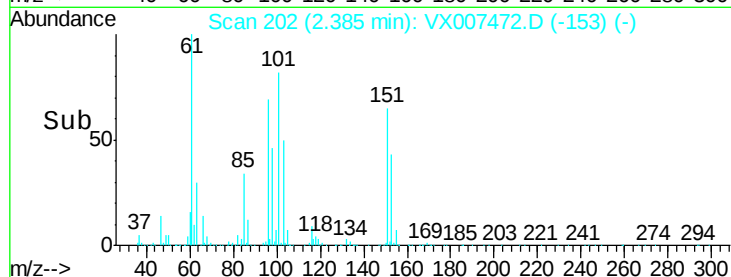
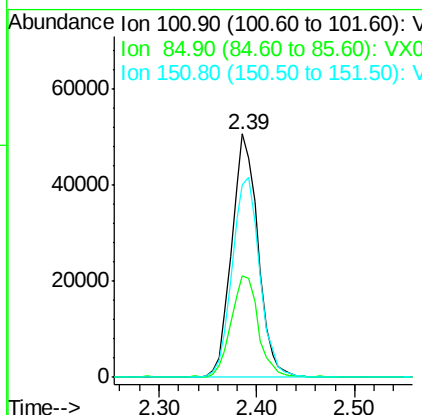
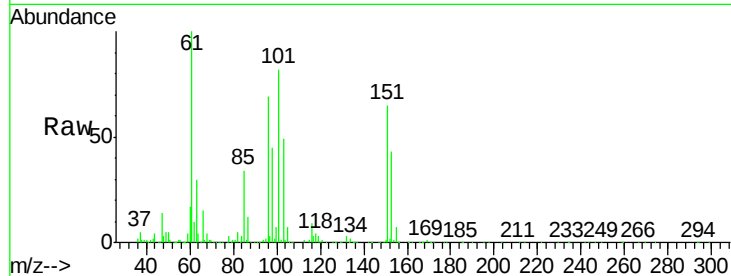
ClientSampleId :

VX0211WBSD01

Tot Ion:	101	Resp:	95059
Ion Ratio	Lower	Upper	
101	100		
85	43.2	34.1	51.1
151	86.2	69.9	104.9

Manual Integrations
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#10

Methyl Iodide

Concen: 7.954 ug/l

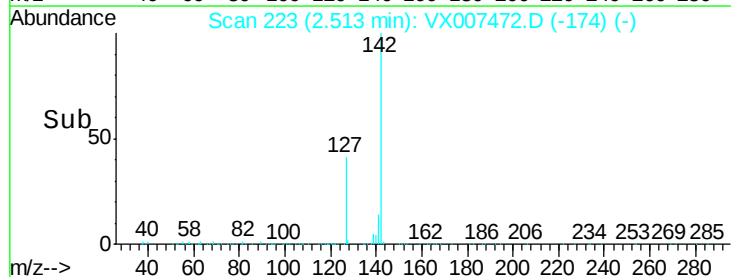
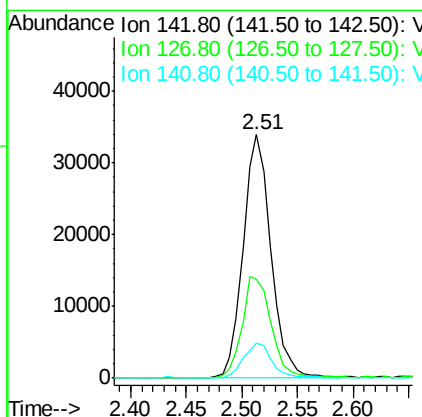
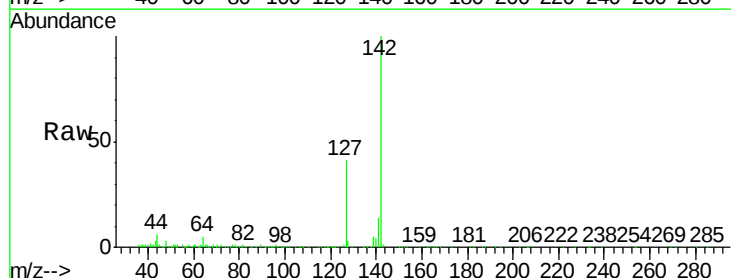
RT: 2.51 min Scan# 223

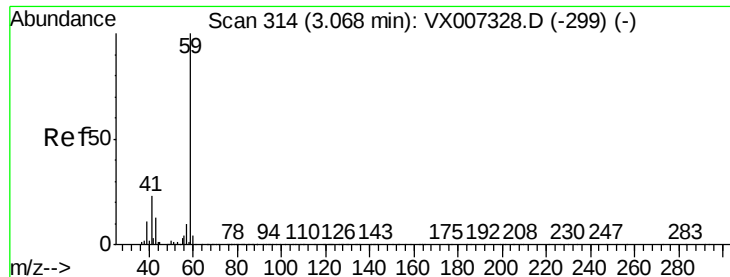
Delta R.T. 0.00 min

Lab File: VX007472.D

Acq: 11 Feb 2019 17:06

Tgt Ion:	142	Resp:	59135
Ion Ratio	Lower	Upper	
142	100		
127	44.1	33.7	50.5
141	14.7	11.3	16.9





#11

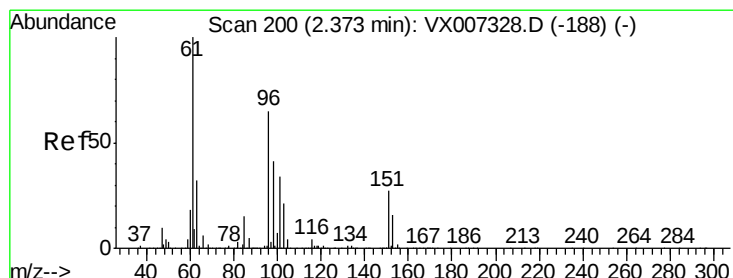
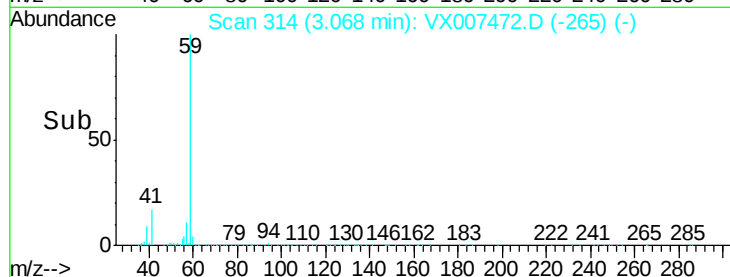
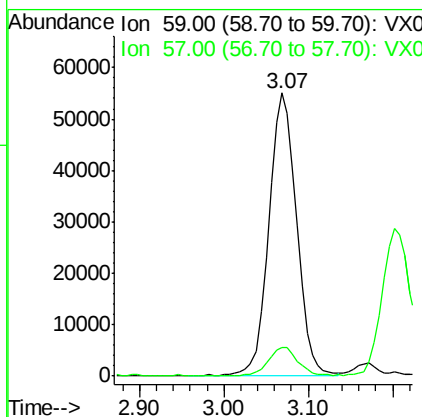
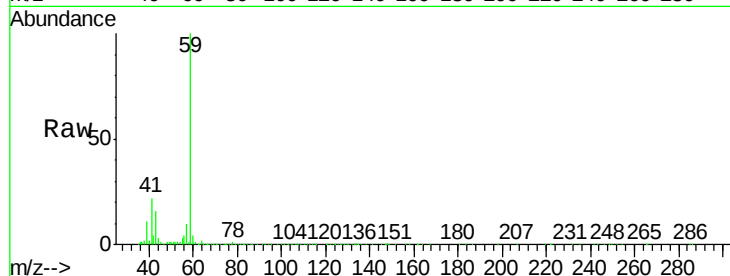
Tert butyl alcohol
Concen: 117.303 ug/l
RT: 3.07 min Scan# 314
Delta R.T. 0.00 min
Lab File: VX007472.D
Acq: 11 Feb 2019 17:06

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.1	12.1

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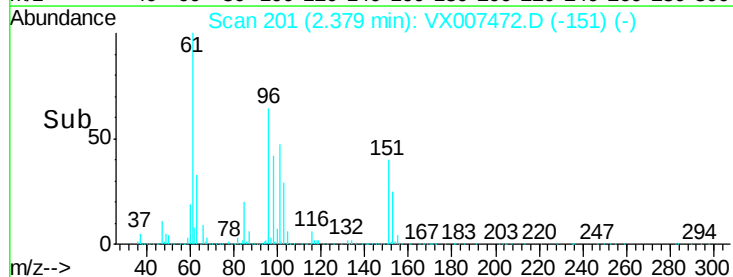
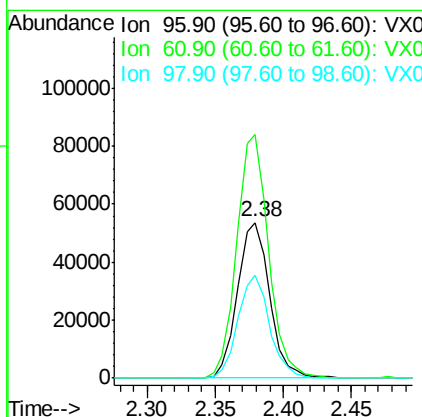
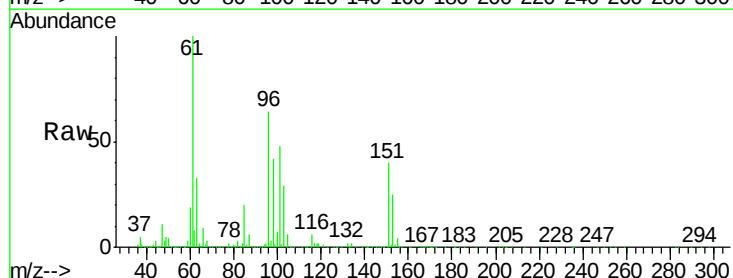
MMDadoda
2/12/2019 12:15:46 PM

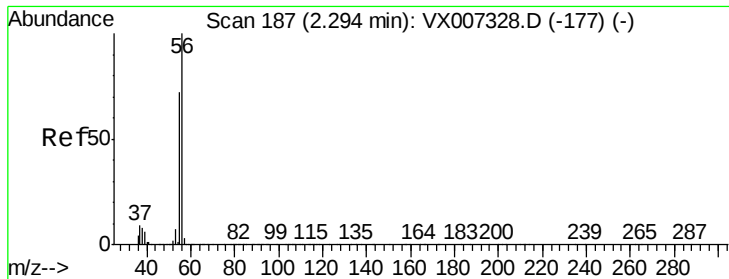


#12

1,1-Dichloroethene
Concen: 18.752 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007472.D
Acq: 11 Feb 2019 17:06

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.9	123.0	184.4
98	66.0	50.9	76.3





#13

Acrolein

Concen: 91.746 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX007472.D

Acq: 11 Feb 2019 17:06

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBSD01

Tot Ion: 56 Resp: 46448

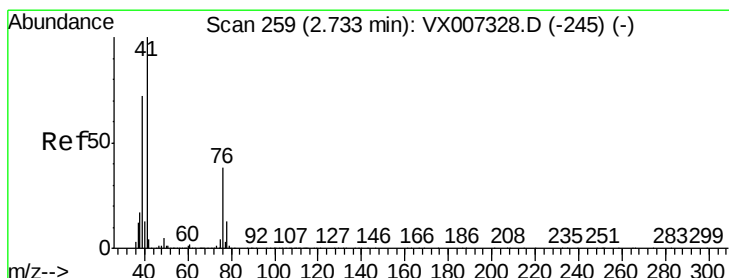
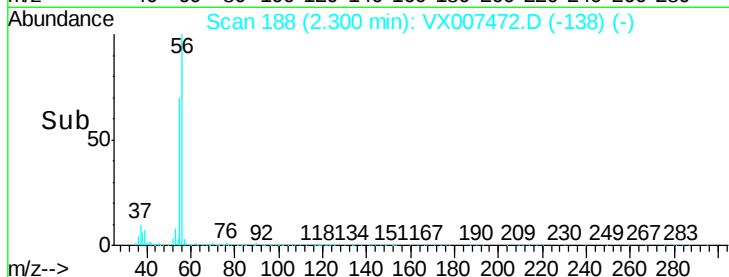
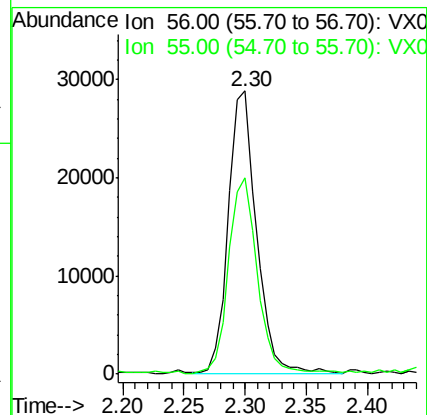
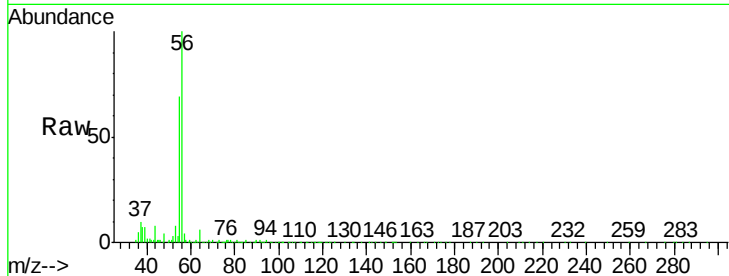
Ion Ratio Lower Upper

56 100

55 68.7 56.9 85.3

Manual Integrations
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#14

Allyl chloride

Concen: 19.976 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007472.D

Acq: 11 Feb 2019 17:06

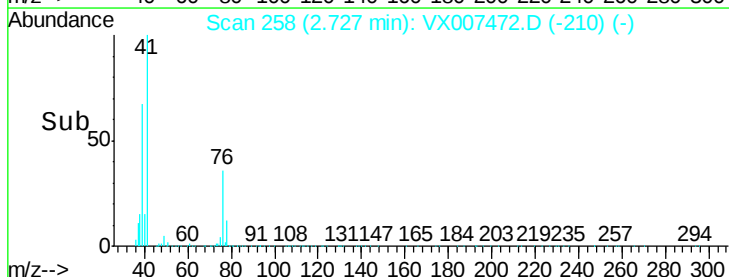
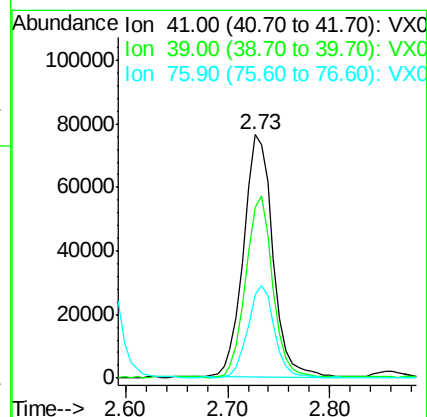
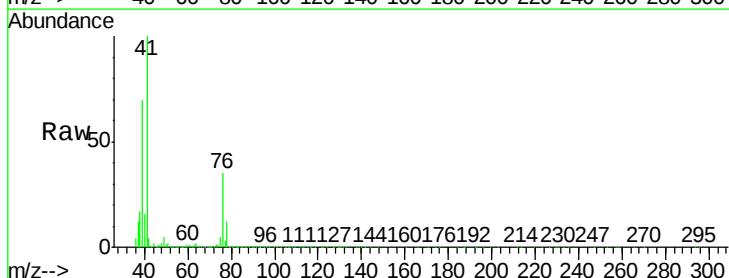
Tgt Ion: 41 Resp: 152747

Ion Ratio Lower Upper

41 100

39 68.7 54.1 81.1

76 35.0 27.8 41.8





#15

Acrylonitrile

Concen: 103.937 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX007472.D

Acq: 11 Feb 2019 17:06

Instrument :

MSVOA_X

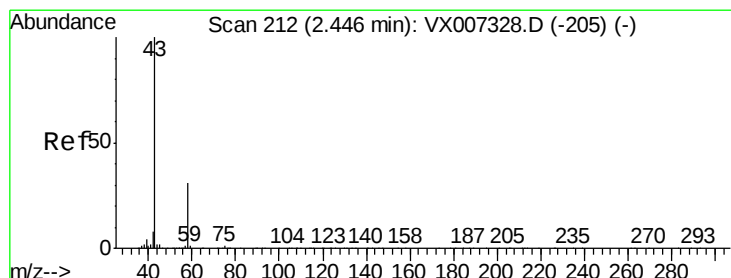
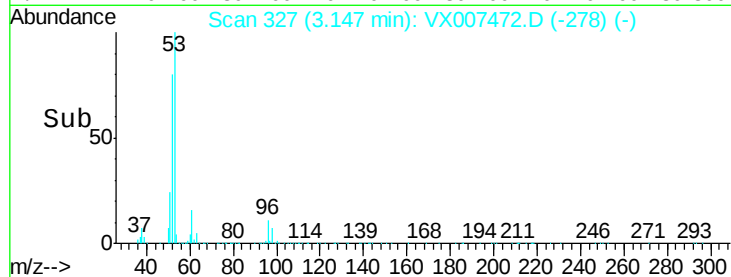
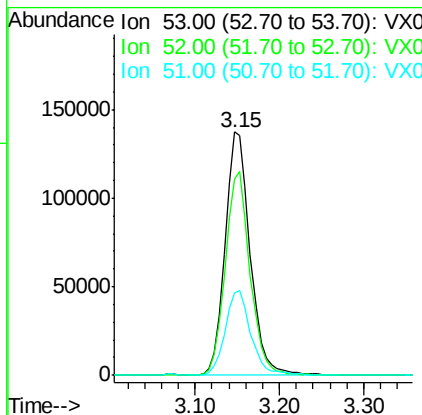
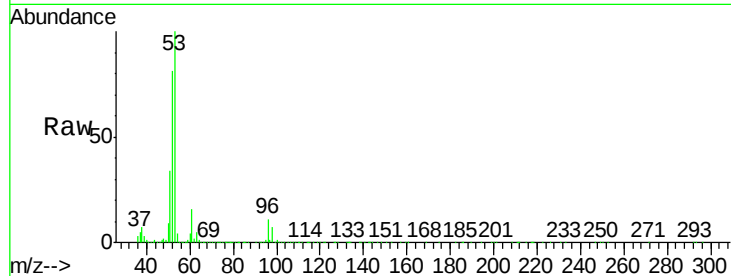
ClientSampleId :

VX0211WBSD01

Tot Ion:	53	Resp:	277593
Ion Ratio		Lower	Upper
53	100		
52	82.8	66.4	99.6
51	35.8	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 101.795 ug/l

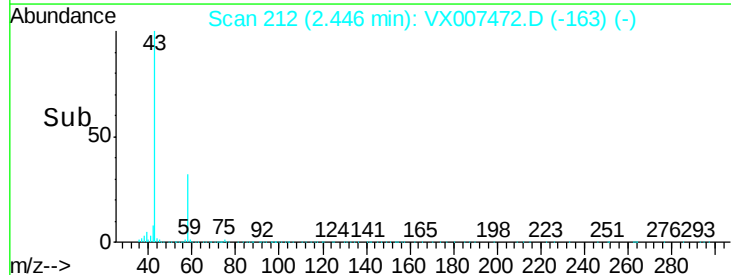
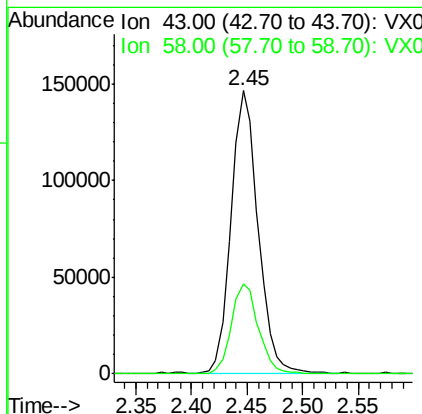
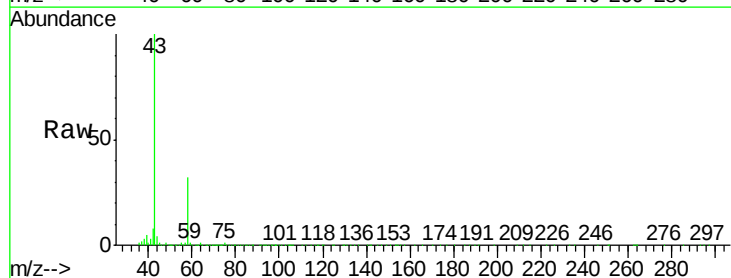
RT: 2.45 min Scan# 212

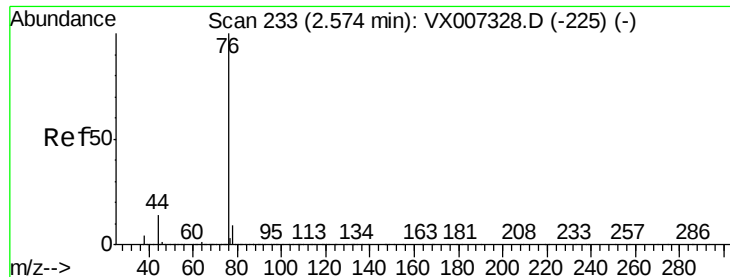
Delta R.T. 0.00 min

Lab File: VX007472.D

Acq: 11 Feb 2019 17:06

Tgt Ion:	43	Resp:	243259
Ion Ratio		Lower	Upper
43	100		
58	32.0	24.9	37.3





#17

Carbon Disulfide

Concen: 18.866 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007472.D

Acq: 11 Feb 2019 17:06

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBSD01

Tot Ion: 76 Resp: 214584

Ion Ratio Lower Upper

76 100

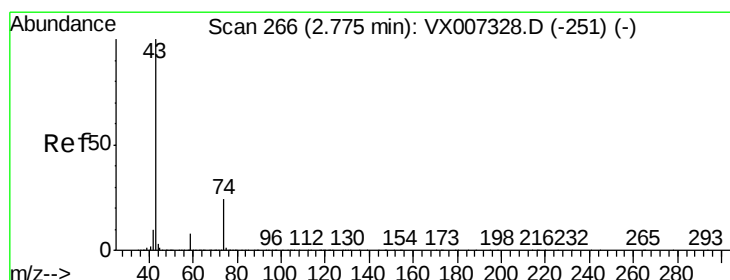
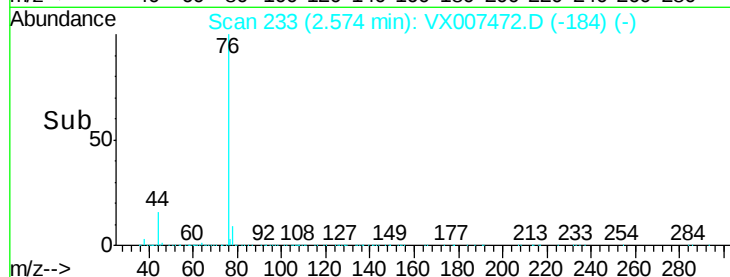
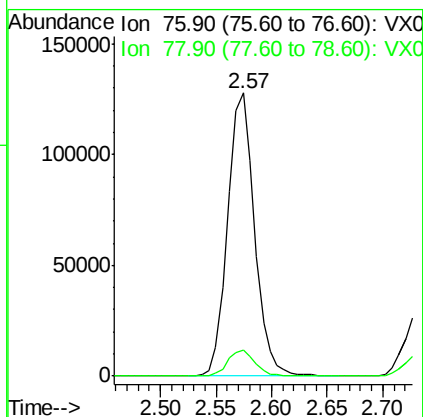
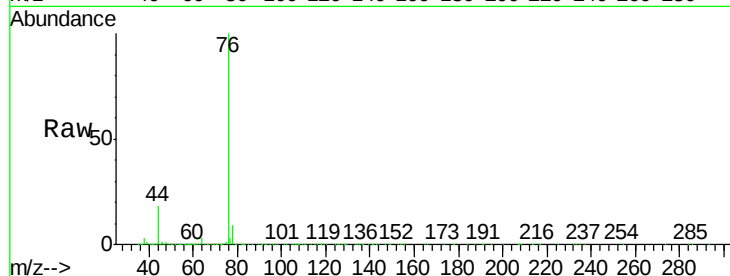
78 9.3 7.1 10.7

Manual Integrations

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#18

Methyl Acetate

Concen: 24.066 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX007472.D

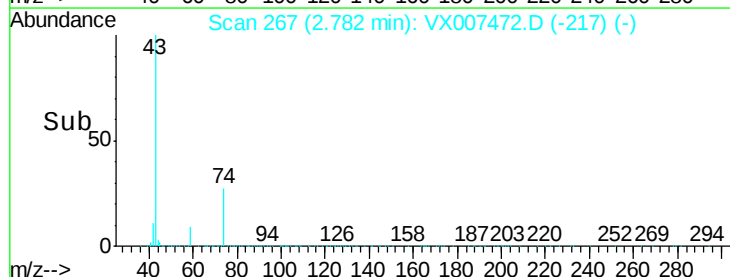
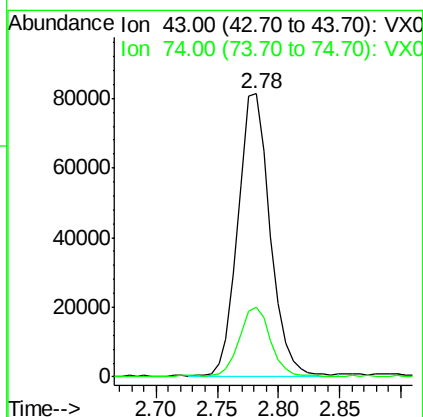
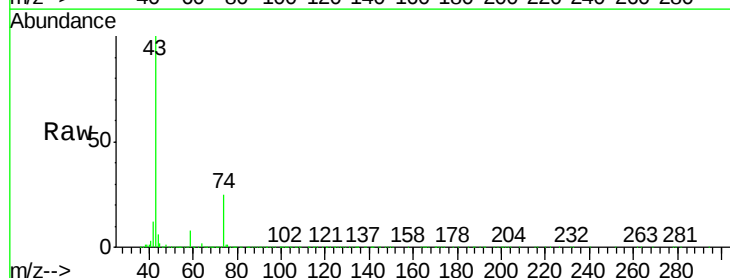
Acq: 11 Feb 2019 17:06

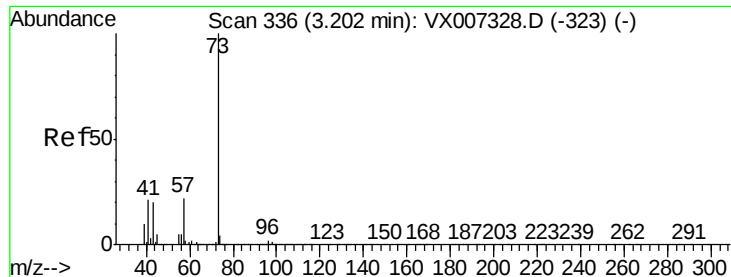
Tgt Ion: 43 Resp: 147907

Ion Ratio Lower Upper

43 100

74 23.9 19.4 29.2





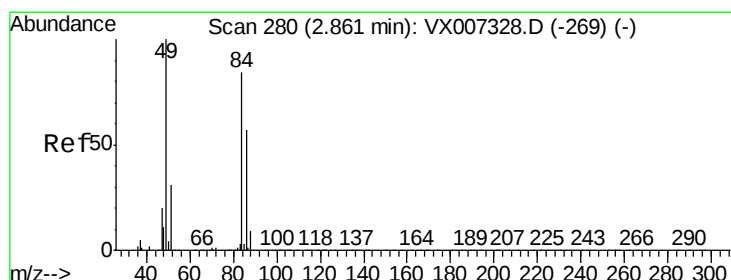
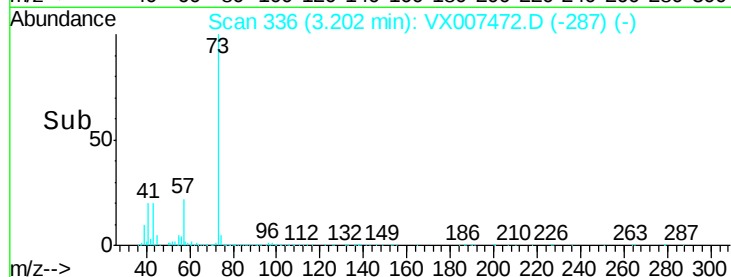
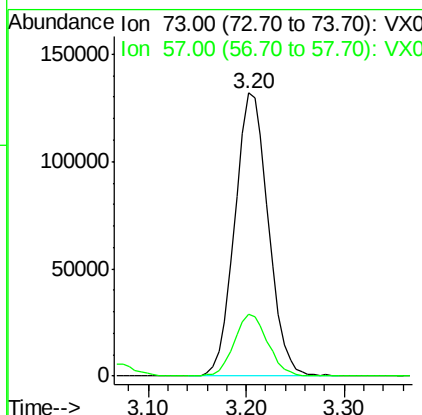
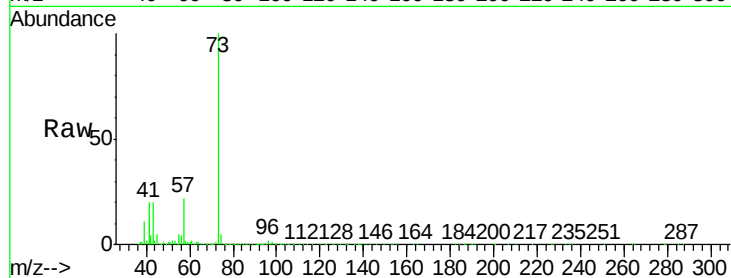
#19
Methvl tert-butvl Ether
Concen: 20.552 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX007472.D
Acq: 11 Feb 2019 17:06

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.8	26.8

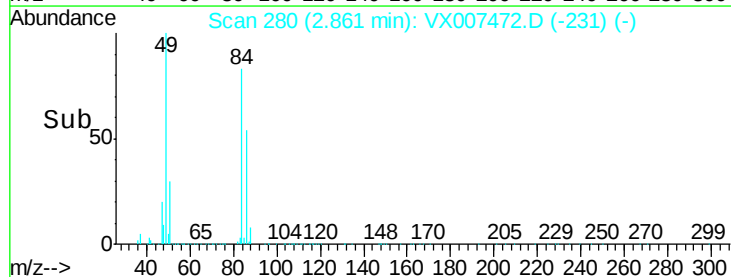
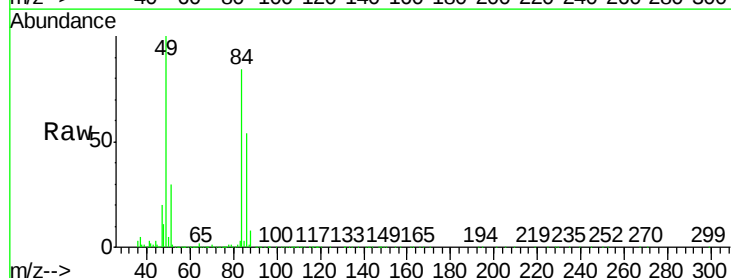
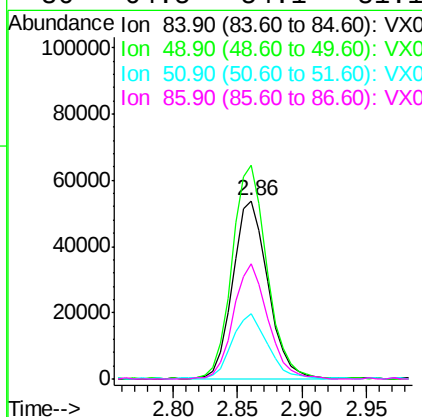
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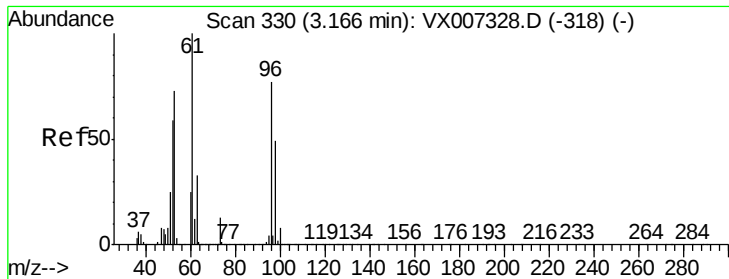
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#20
Methylene Chloride
Concen: 20.802 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007472.D
Acq: 11 Feb 2019 17:06

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.3	94.8	142.2
51	35.9	29.8	44.8
86	64.5	54.1	81.1





#21

trans-1,2-Dichloroethene

Concen: 18.562 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007472.D

Acq: 11 Feb 2019 17:06

Instrument :

MSVOA_X

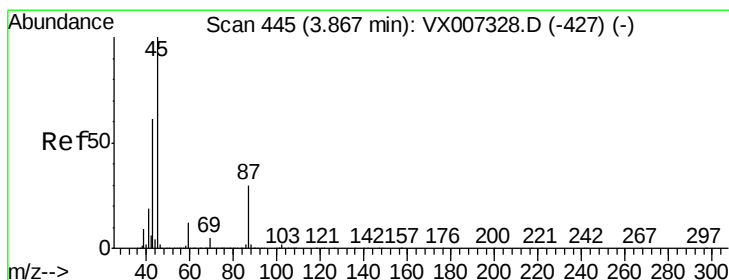
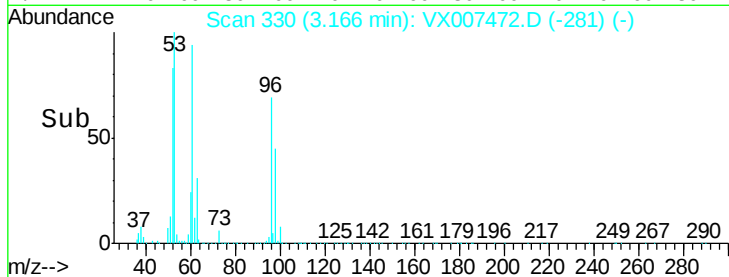
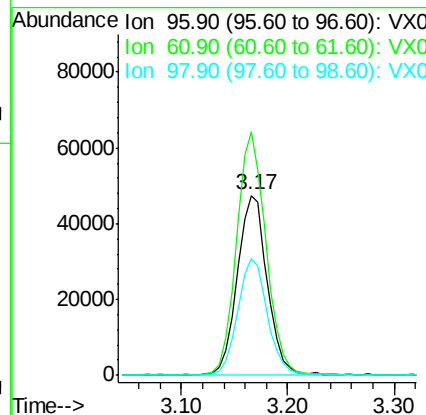
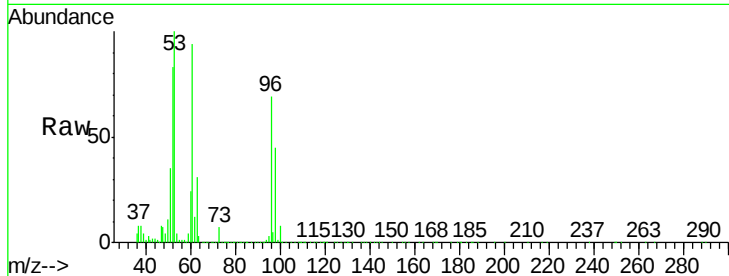
ClientSampleId :

VX0211WBSD01

Tot Ion:	96	Resp:	92790
Ion Ratio	Lower	Upper	
96	100		
61	135.6	104.6	156.8
98	64.9	51.0	76.4

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#22

Diisopropyl ether

Concen: 20.423 ug/l

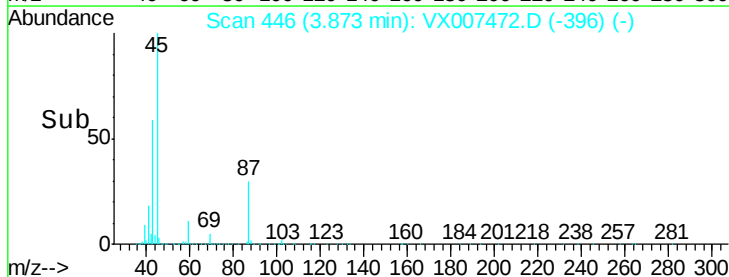
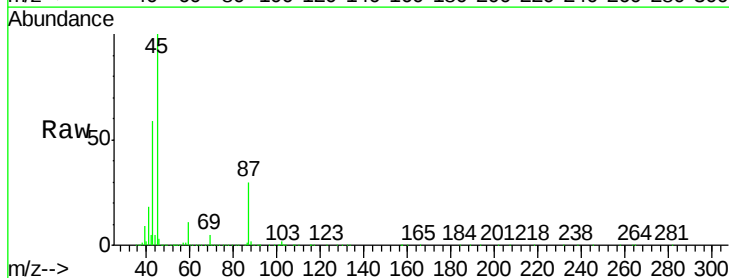
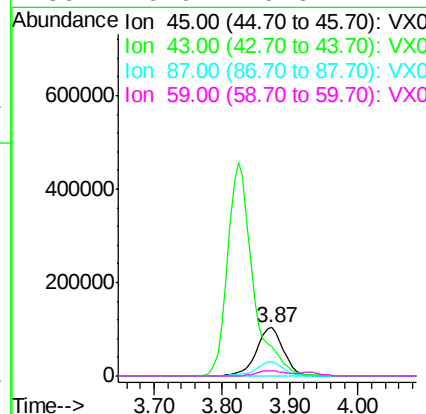
RT: 3.87 min Scan# 446

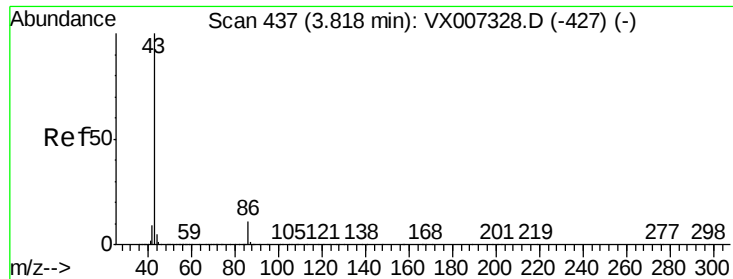
Delta R.T. 0.01 min

Lab File: VX007472.D

Acq: 11 Feb 2019 17:06

Tgt Ion:	45	Resp:	287253
Ion Ratio	Lower	Upper	
45	100		
43	59.4	48.9	73.3
87	29.8	23.9	35.9
59	10.9	9.6	14.4





#23

Vinyl Acetate

Concen: 101.442 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007472.D

Acq: 11 Feb 2019 17:06

Instrument :

MSVOA_X

ClientSampleID :

VX0211WBSD01

Tot Ion: 43 Resp: 1183975

Ion Ratio Lower Upper

43 100

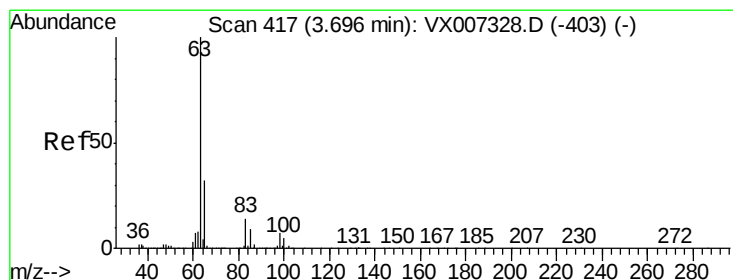
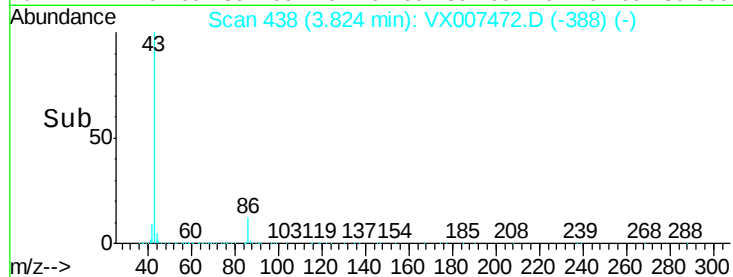
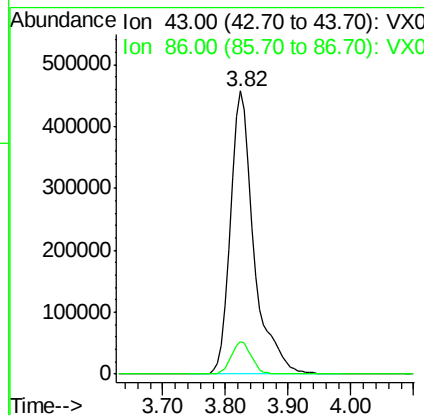
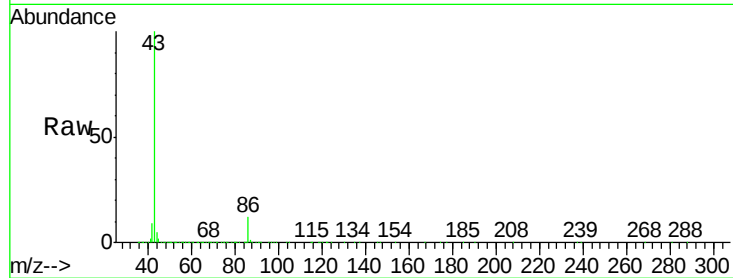
86 11.5 8.7 13.1

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.659 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007472.D

Acq: 11 Feb 2019 17:06

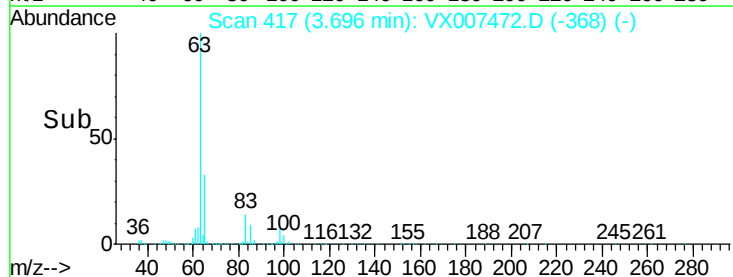
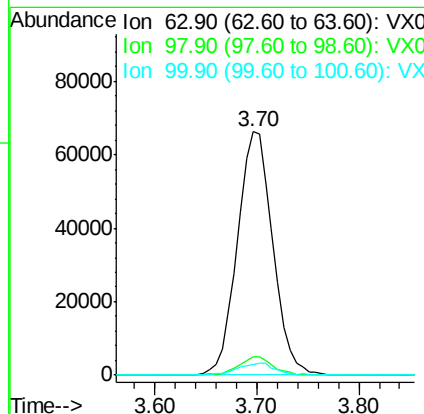
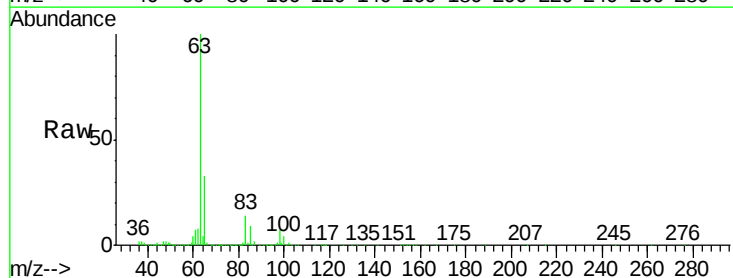
Tgt Ion: 63 Resp: 158791

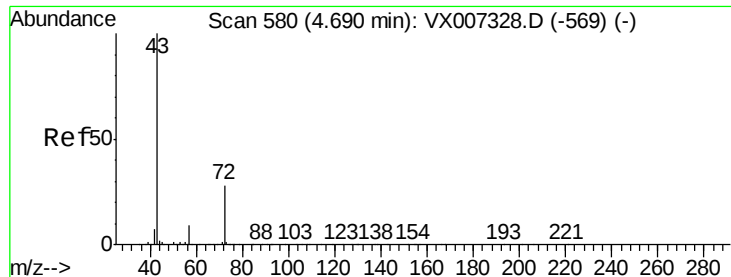
Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.8

100 4.5 2.5 7.4





#25

2-Butanone

Concen: 104.754 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX007472.D

Acq: 11 Feb 2019 17:06

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBSD01

Tot Ion: 43 Resp: 356249

Ion Ratio Lower Upper

43 100

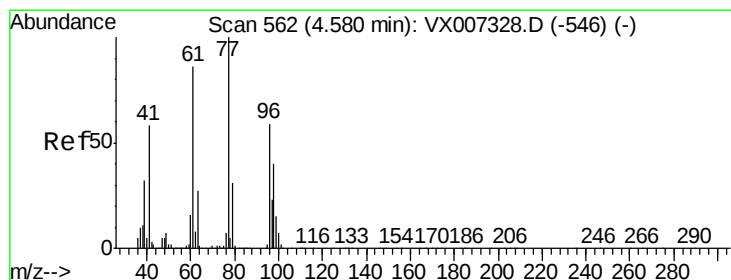
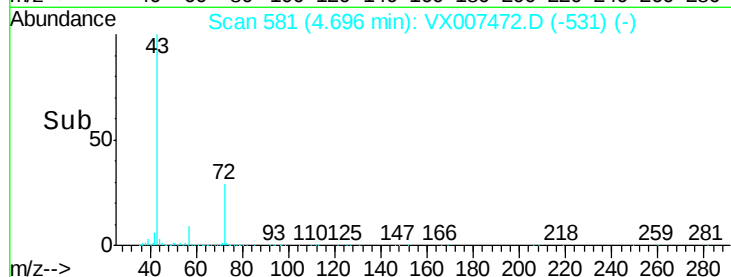
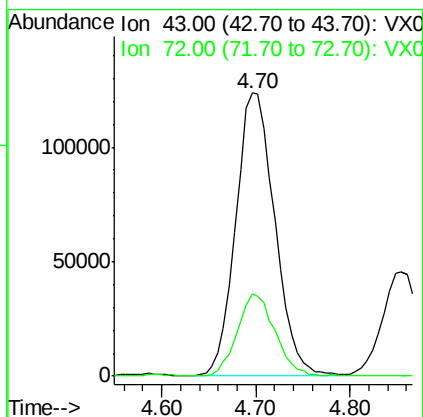
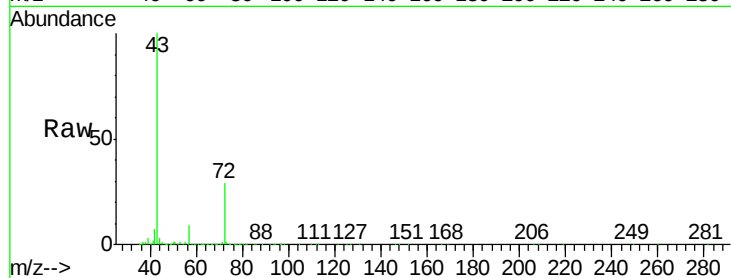
72 29.1 22.2 33.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.586 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX007472.D

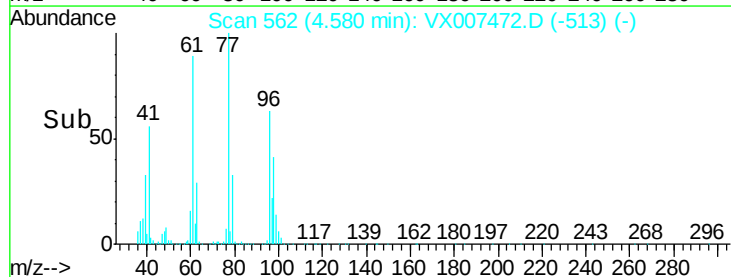
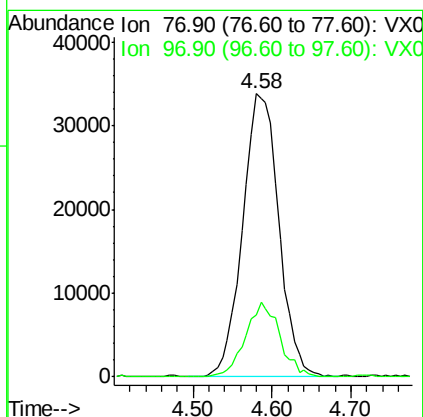
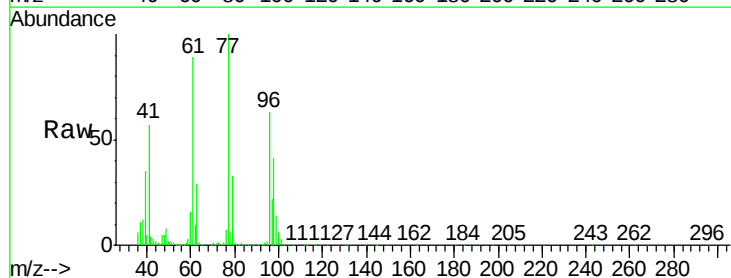
Acq: 11 Feb 2019 17:06

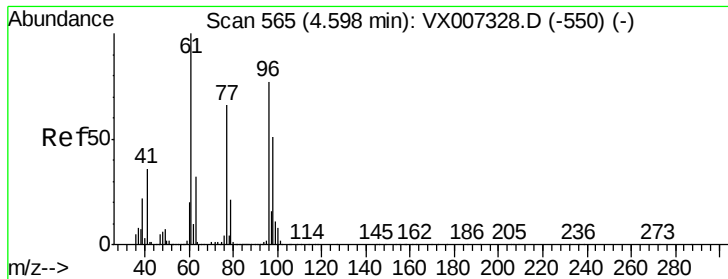
Tgt Ion: 77 Resp: 108175

Ion Ratio Lower Upper

77 100

97 25.0 12.1 36.3





#27

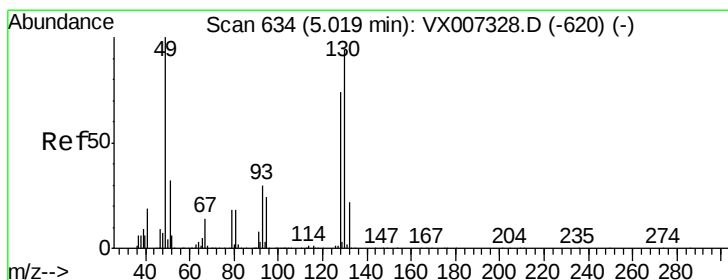
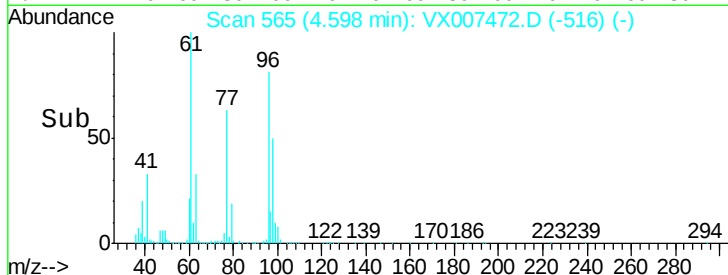
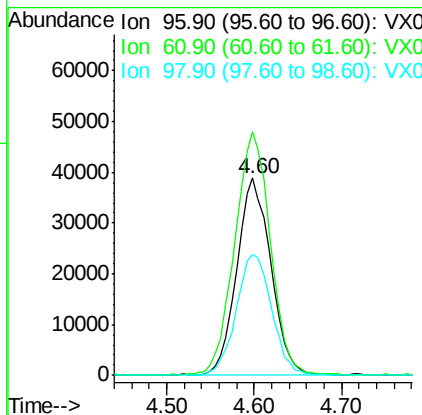
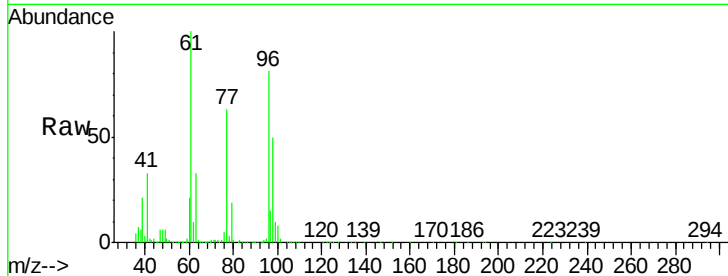
cis-1,2-Dichloroethene
Concen: 19.260 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007472.D
Acq: 11 Feb 2019 17:06

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.6	0.0	265.6
98	64.0	0.0	131.6

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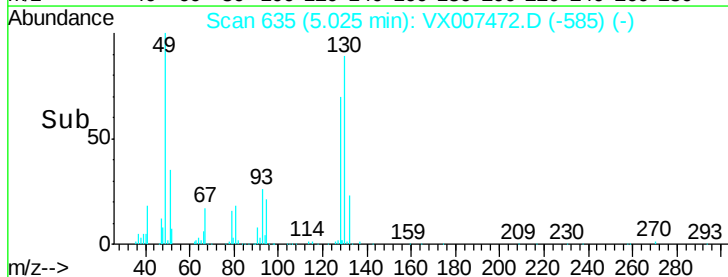
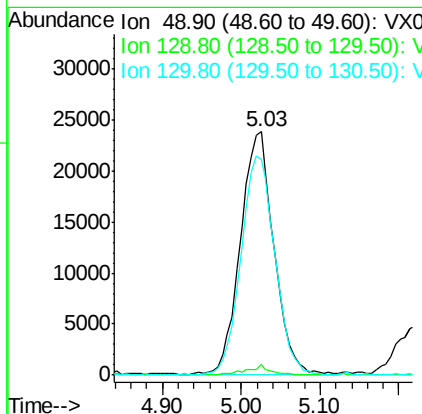
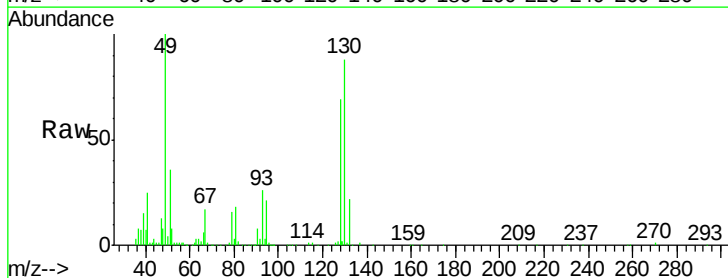
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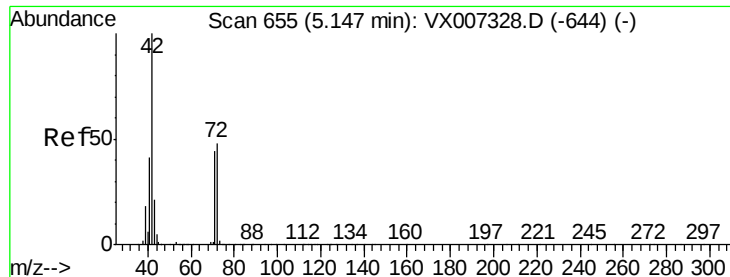


#28

Bromochloromethane
Concen: 18.816 ug/l
RT: 5.03 min Scan# 635
Delta R.T. 0.01 min
Lab File: VX007472.D
Acq: 11 Feb 2019 17:06

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.6
130	91.9	75.6	113.4





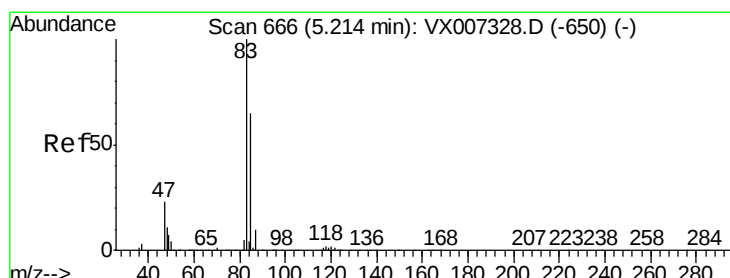
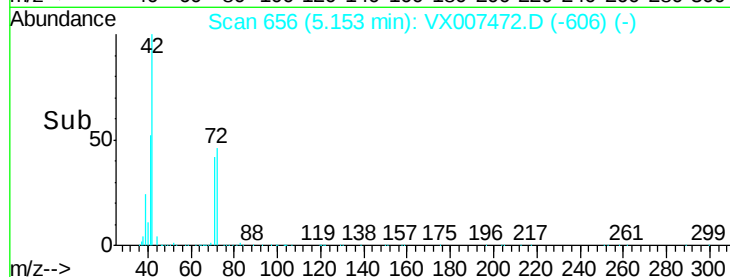
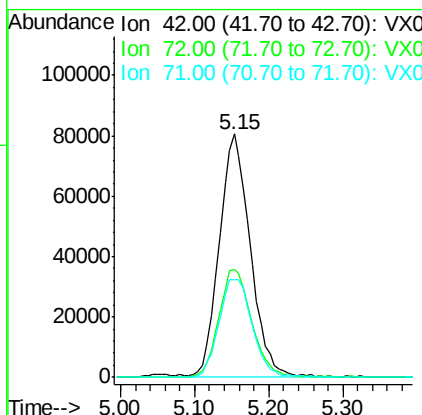
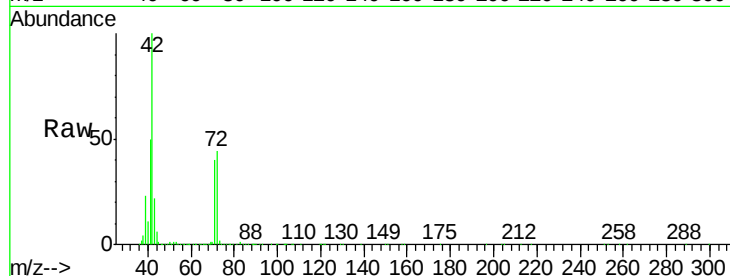
#29
Tetrahydrofuran
Concen: 109.022 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX007472.D
Acq: 11 Feb 2019 17:06

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.2	37.6	56.4
71	43.7	34.6	51.8

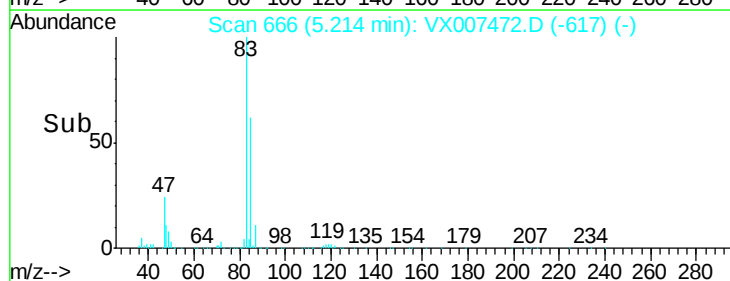
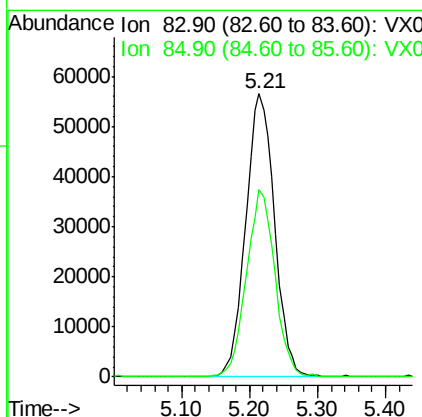
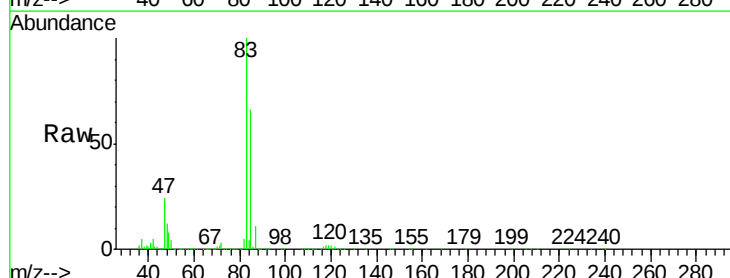
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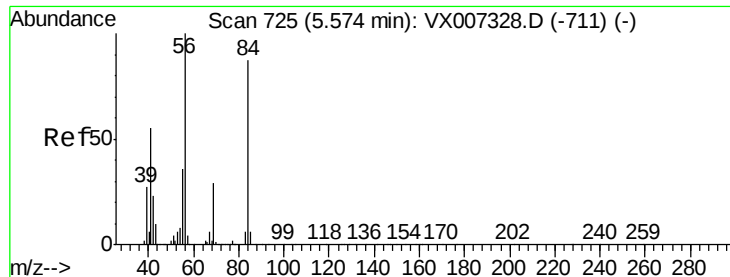
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#30
Chloroform
Concen: 19.842 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007472.D
Acq: 11 Feb 2019 17:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	51.6	77.4





#31

Cyclohexane

Concen: 18.804 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX007472.D

Acq: 11 Feb 2019 17:06

Instrument :

MSVOA_X

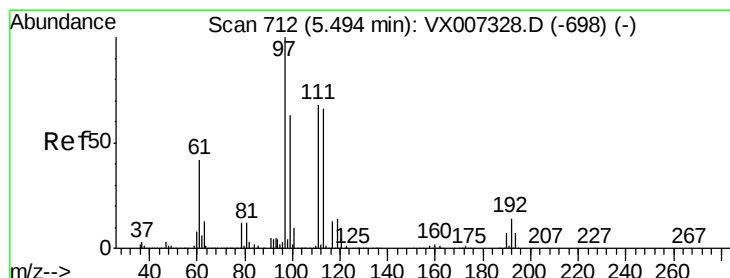
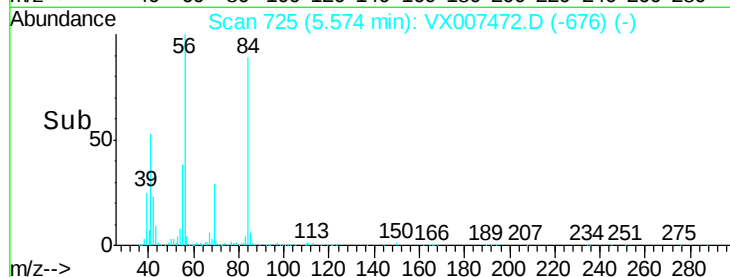
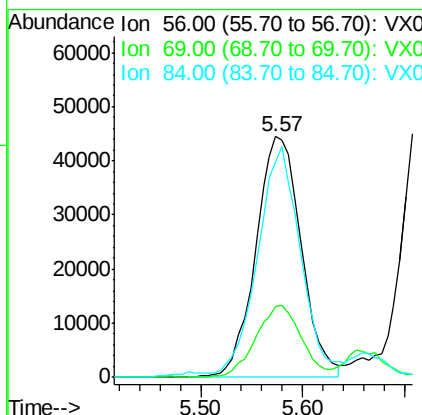
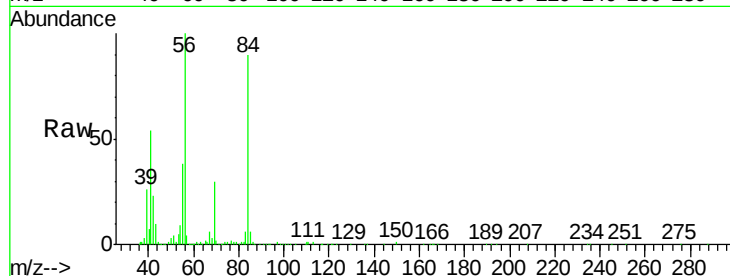
ClientSampleId :

VX0211WBSD01

Tot Ion:	56	Resp:	136413
Ion Ratio	Lower	Upper	
56	100		
69	28.8	23.0	34.6
84	87.2	69.8	104.6

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#32

1,1,1-Trichloroethane

Concen: 19.837 ug/l

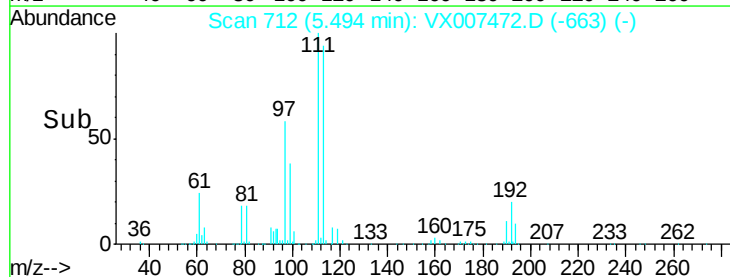
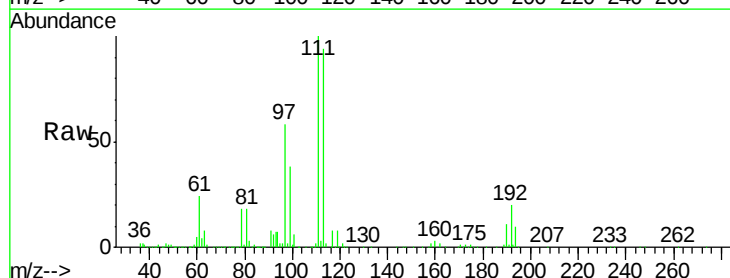
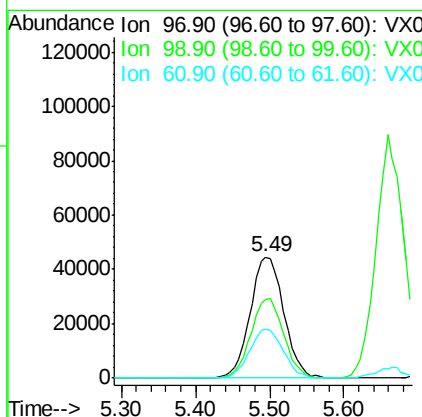
RT: 5.49 min Scan# 712

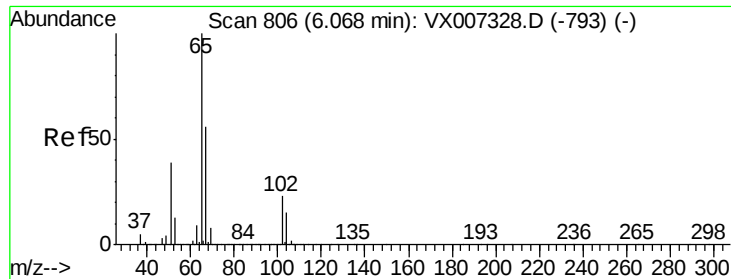
Delta R.T. 0.00 min

Lab File: VX007472.D

Acq: 11 Feb 2019 17:06

Tgt Ion:	97	Resp:	141129
Ion Ratio	Lower	Upper	
97	100		
99	64.6	52.2	78.2
61	40.8	32.7	49.1





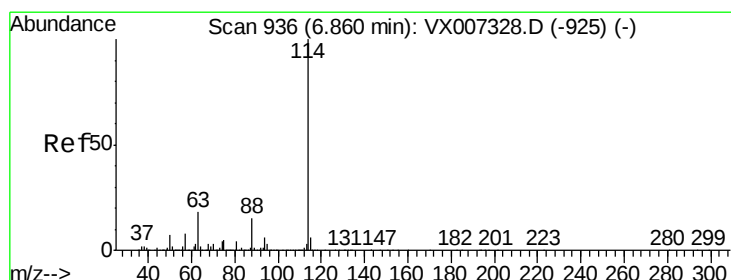
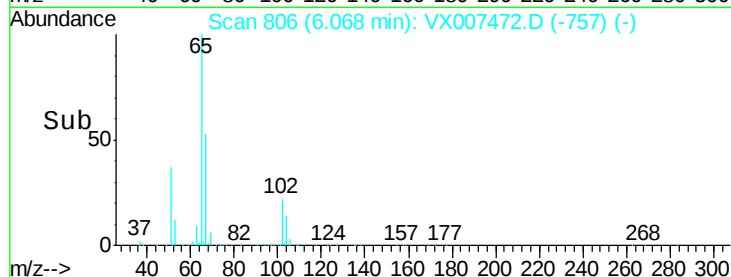
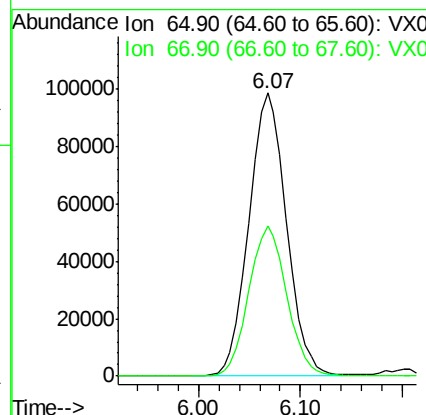
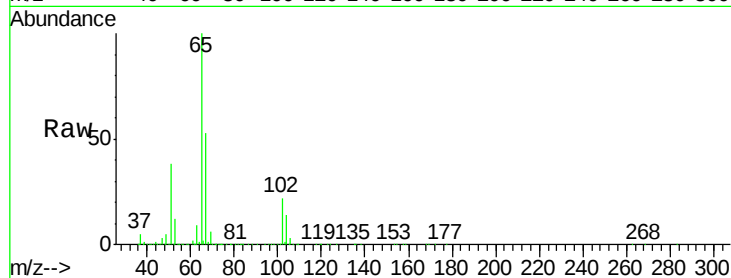
#33
 1,2-Dichloroethane-d4
 Concen: 48.405 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007472.D
 Acq: 11 Feb 2019 17:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0211WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	252523		
67	54.0	0.0	108.8	

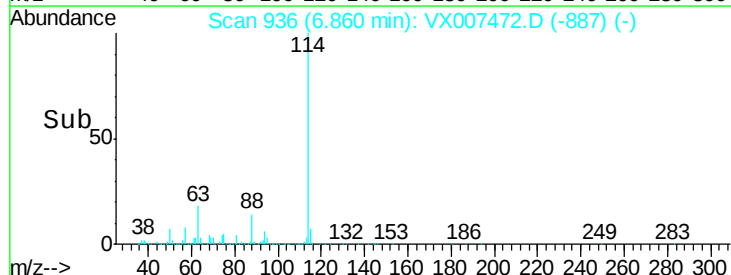
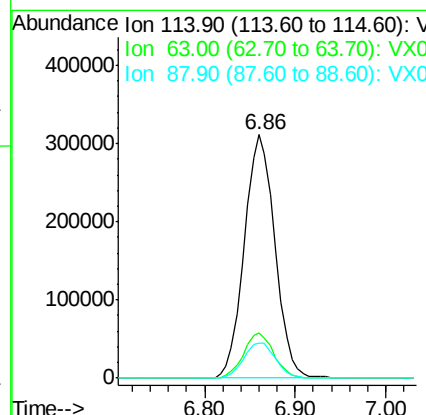
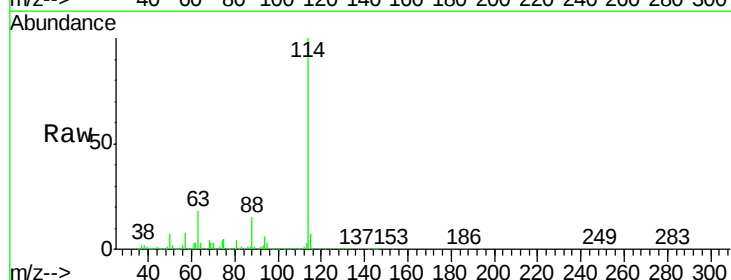
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007472.D
 Acq: 11 Feb 2019 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	729045		
63	18.4	0.0	35.6	
88	14.5	0.0	29.6	





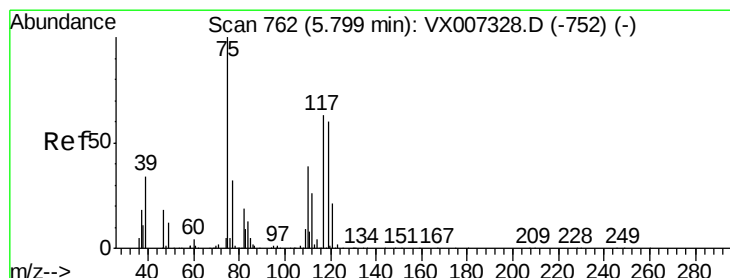
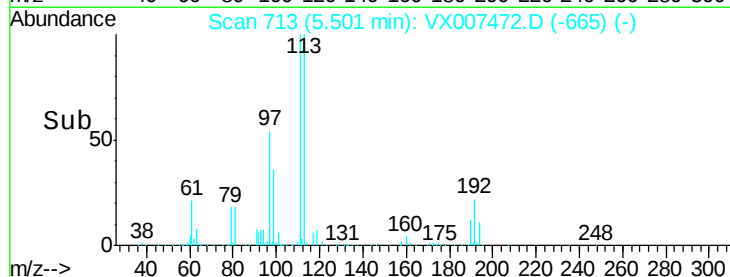
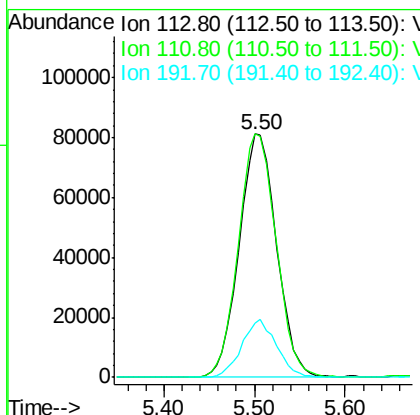
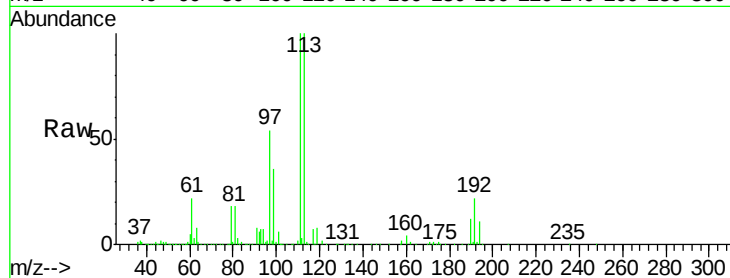
#35
 Dibromofluoromethane
 Concen: 48.898 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VX007472.D
 Acq: 11 Feb 2019 17:06

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0211WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	231954		
111	101.4		81.8	122.8
192	22.2		18.5	27.7

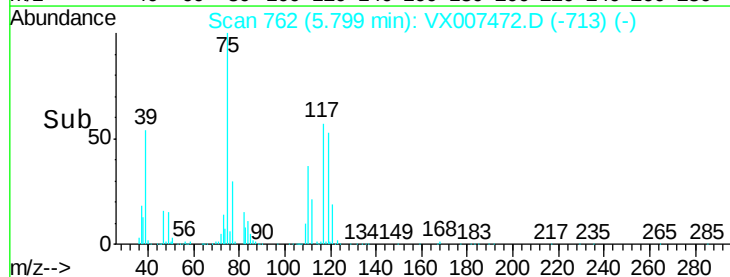
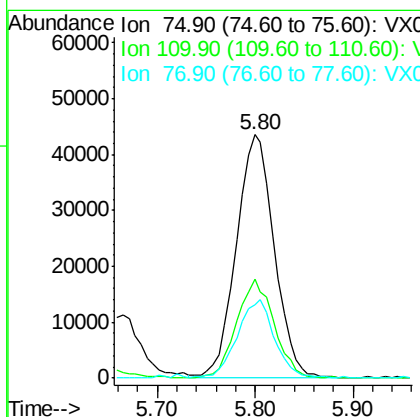
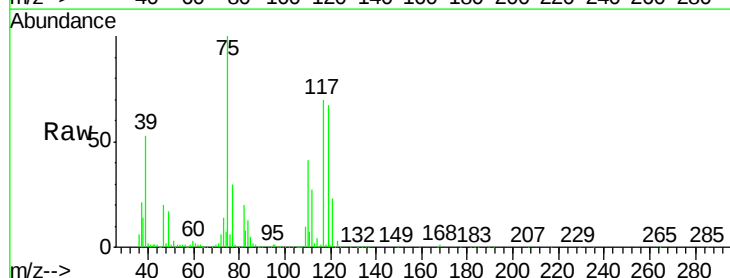
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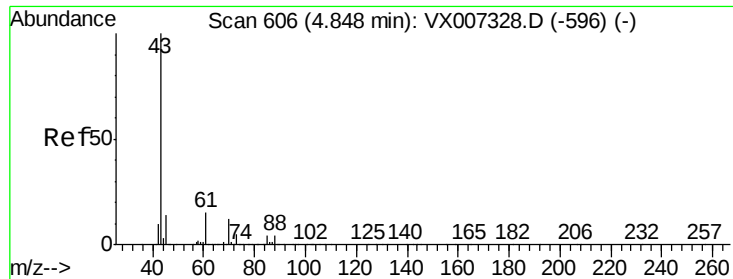
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#36
 1,1-Dichloropropene
 Concen: 17.809 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX007472.D
 Acq: 11 Feb 2019 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	116491		
110	40.5		20.0	59.9
77	31.7		24.7	37.1





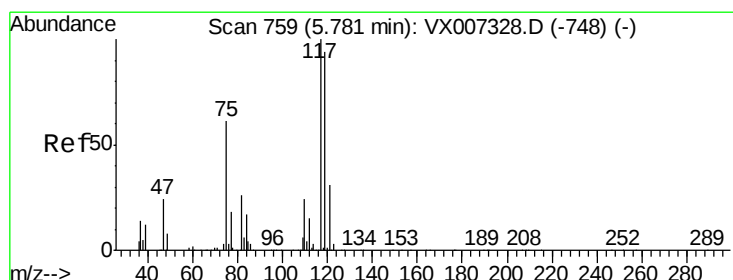
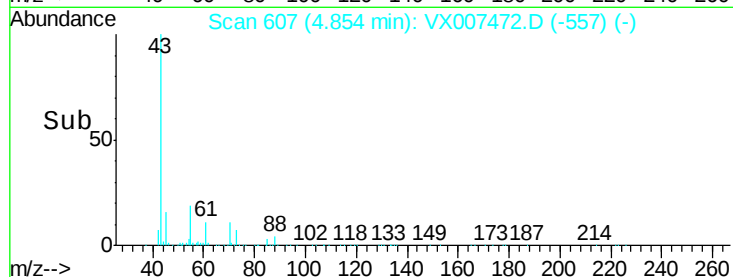
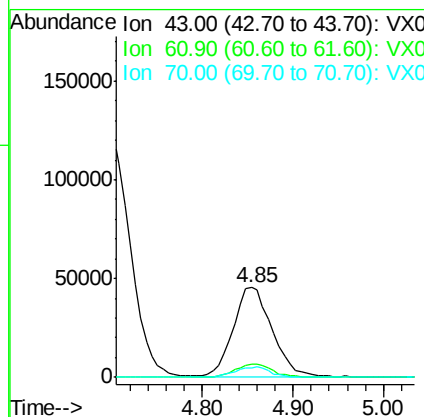
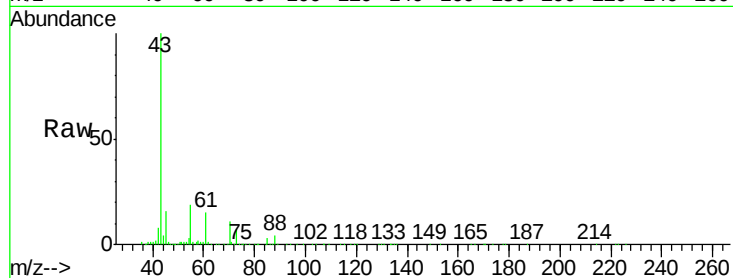
#37
Ethyl Acetate
Concen: 20.296 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX007472.D
Acq: 11 Feb 2019 17:06

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.3	16.9
70	11.3	8.6	13.0

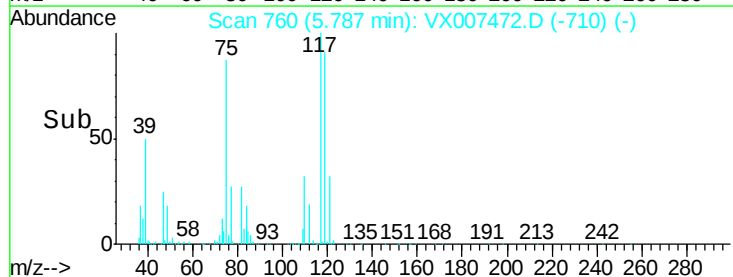
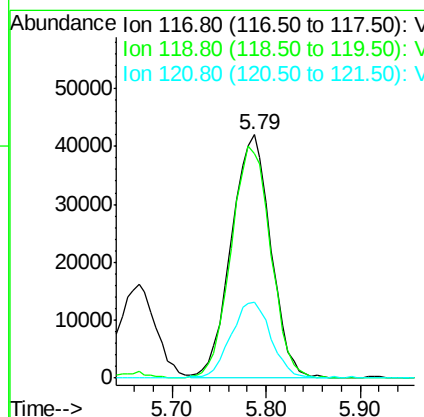
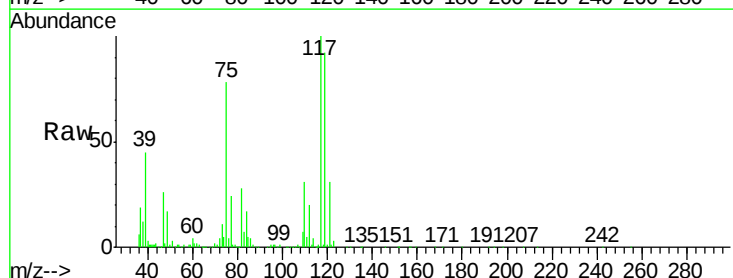
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#38
Carbon Tetrachloride
Concen: 19.148 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX007472.D
Acq: 11 Feb 2019 17:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.0	75.3	112.9
121	30.9	25.0	37.4





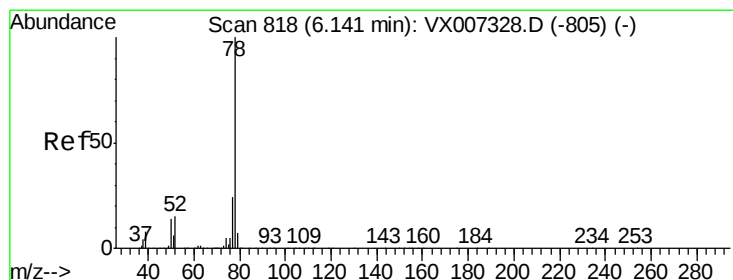
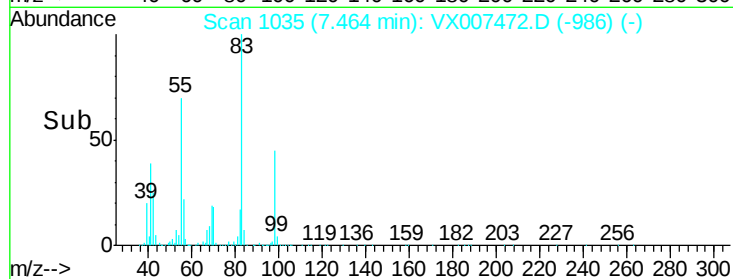
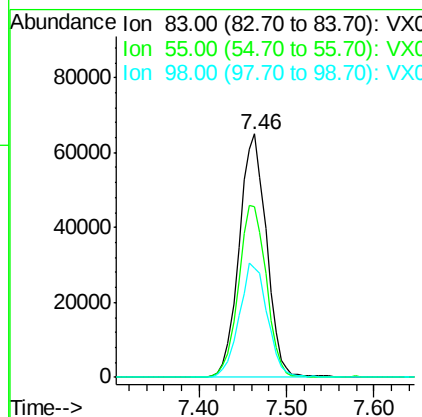
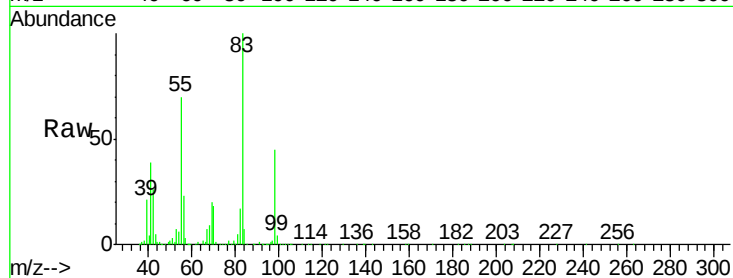
#39
Methvlcvclohexane
Concen: 17.857 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007472.D
Acq: 11 Feb 2019 17:06

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.9	56.2	84.2
98	45.0	36.8	55.2

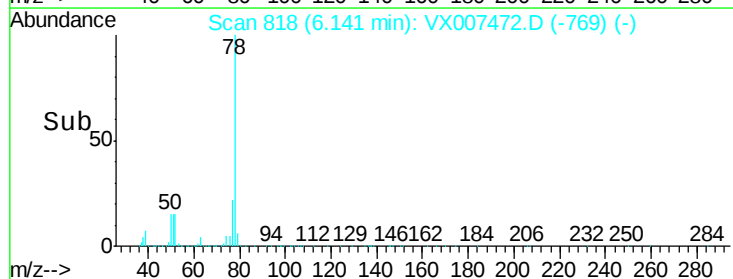
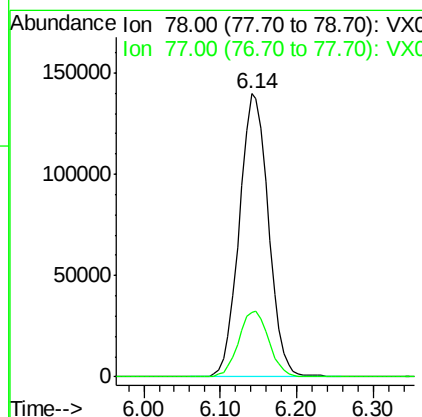
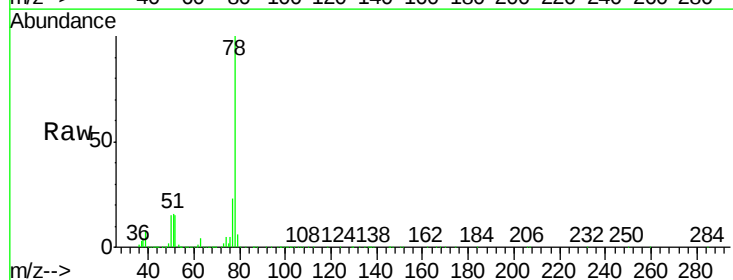
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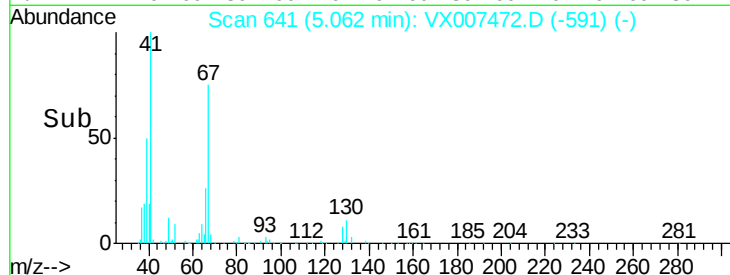
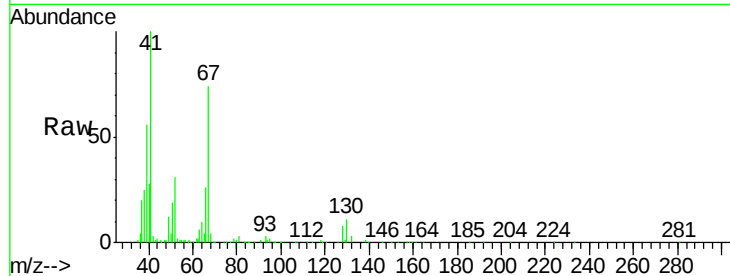
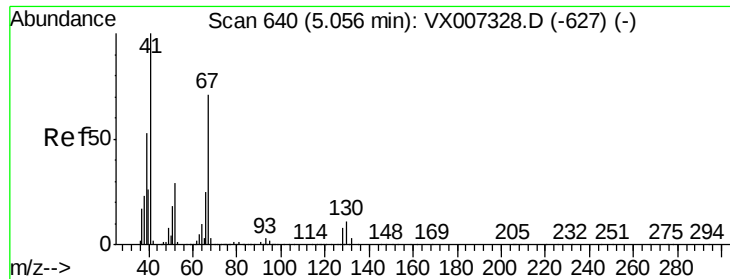
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#40
Benzene
Concen: 19.180 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007472.D
Acq: 11 Feb 2019 17:06

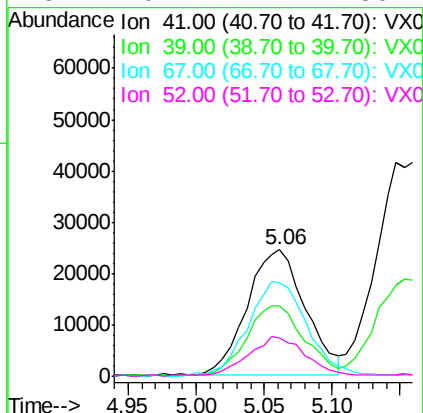
Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.6	19.3	28.9





#41
Methacrylonitrile
Concen: 20.619 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007472.D
Acq: 11 Feb 2019 17:06

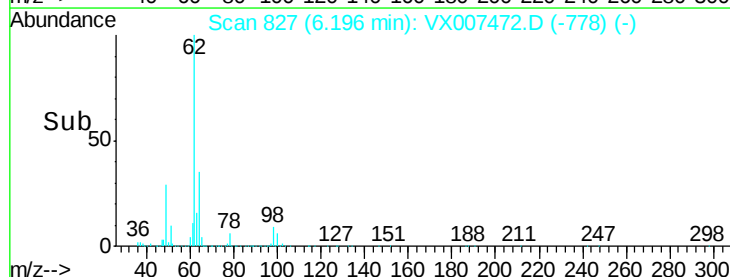
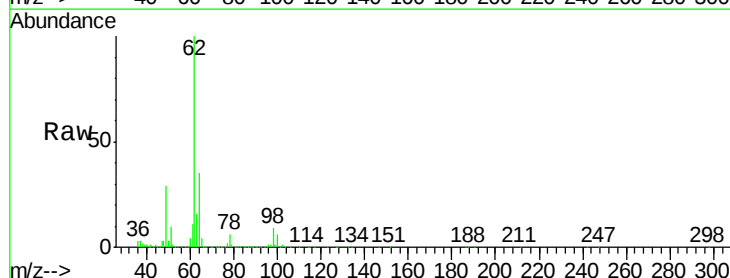
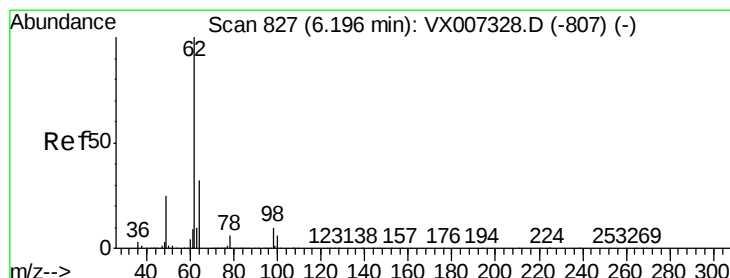
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.0	44.5	66.7	
67	76.9	60.4	90.6	
52	29.7	24.1	36.1	



Instrument :
MSVOA_X
ClientSampleId :
VX0211WBSD01

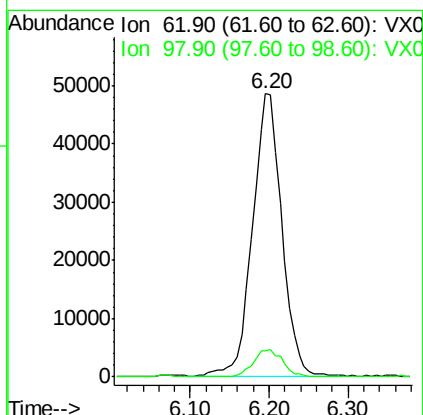
Manual Integrations
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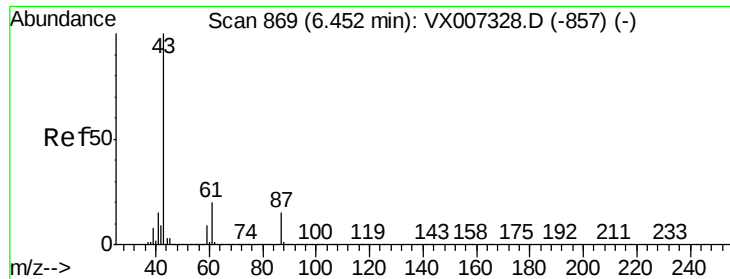
MMDadoda
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#42
1,2-Dichloroethane
Concen: 18.682 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX007472.D
Acq: 11 Feb 2019 17:06

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.8	0.0	19.0	





#43

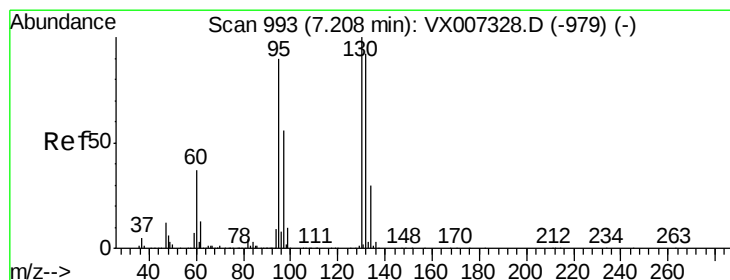
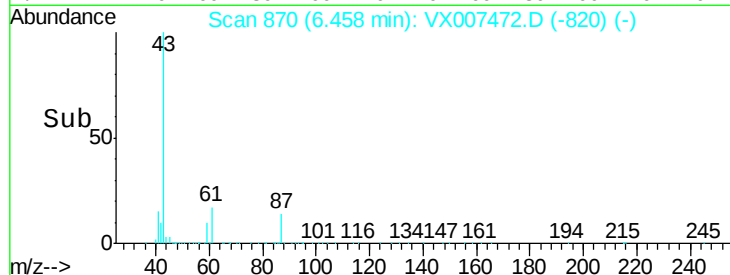
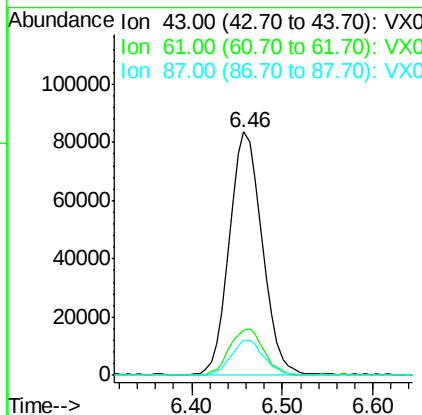
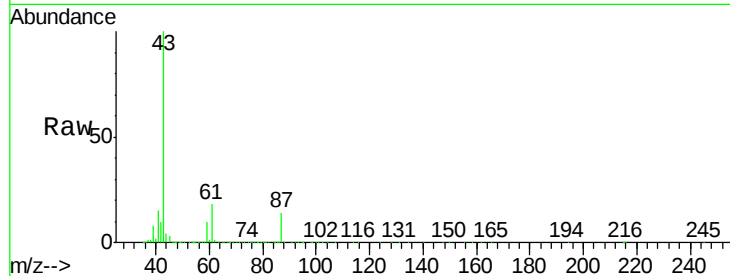
Isopropyl Acetate
 Concen: 20.734 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.01 min
 Lab File: VX007472.D
 Acq: 11 Feb 2019 17:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0211WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.8	16.1	24.1
87	14.5	11.5	17.3

Manual Integrations
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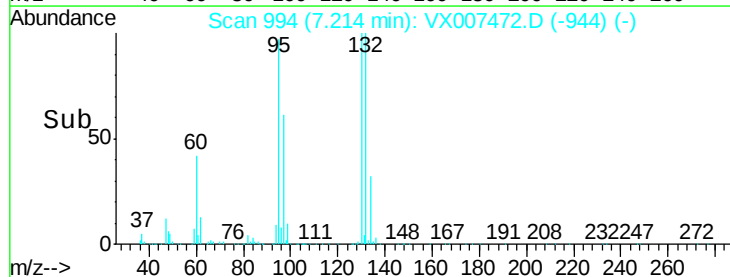
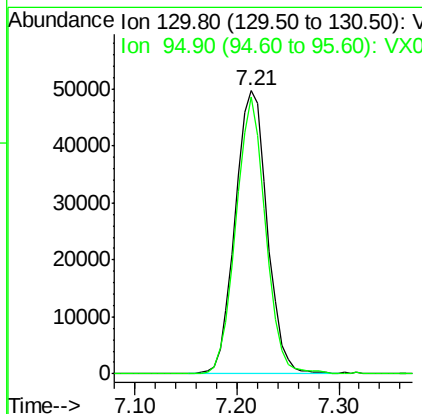
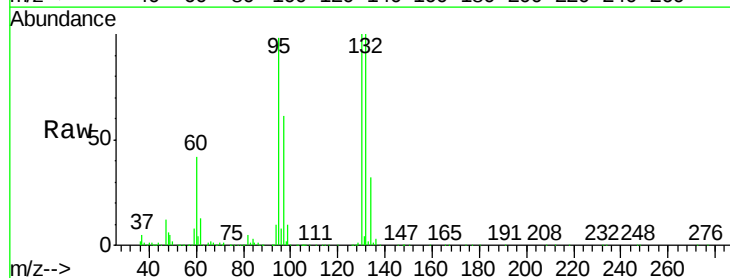
MMDadoda
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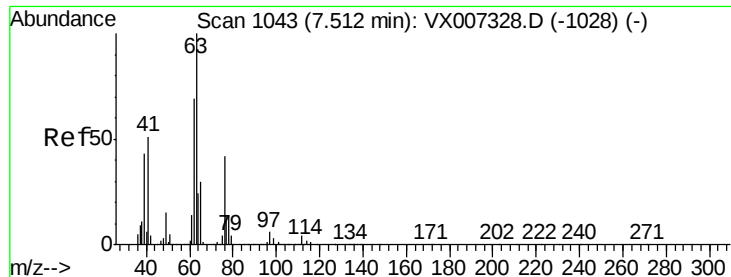


#44

Trichloroethene
 Concen: 18.606 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX007472.D
 Acq: 11 Feb 2019 17:06

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.6	0.0	180.0





#45

1,2-Dichloropropane

Concen: 19.827 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007472.D

Acq: 11 Feb 2019 17:06

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBSD01

Tot Ion: 63 Resp: 95723

Ion Ratio Lower Upper

63 100

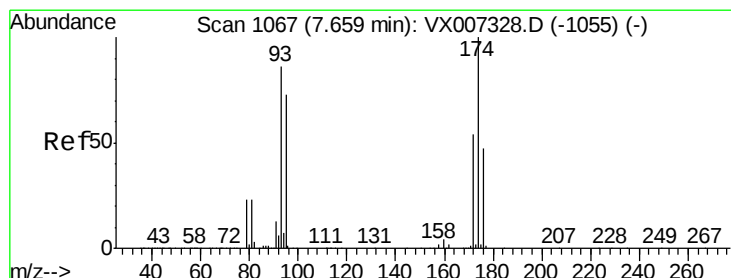
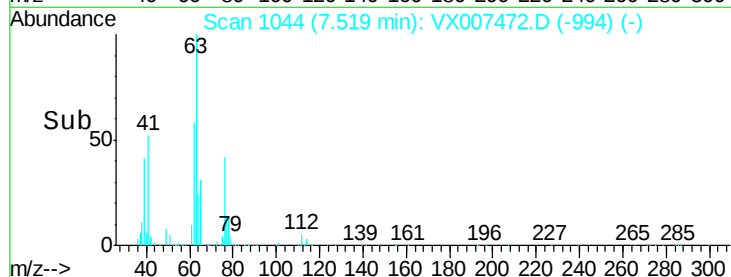
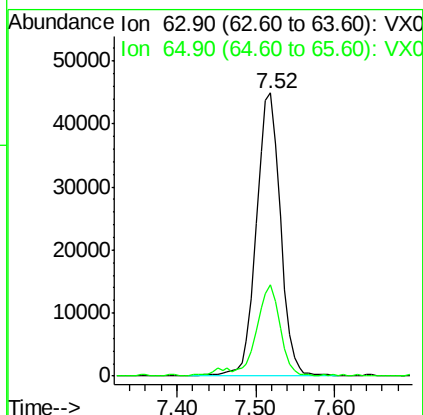
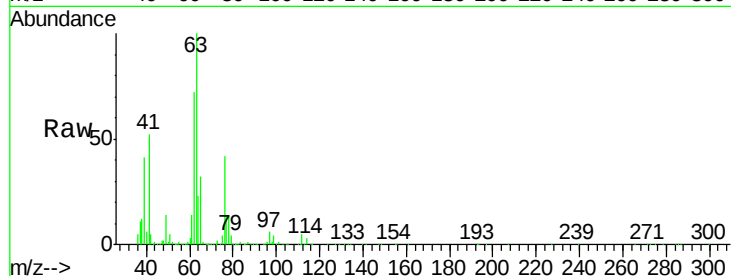
65 32.2 24.2 36.2

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#46

Dibromomethane

Concen: 18.891 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007472.D

Acq: 11 Feb 2019 17:06

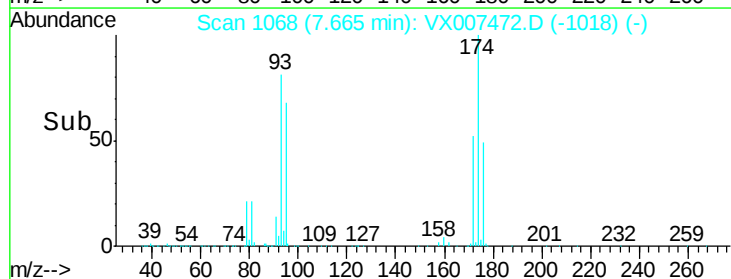
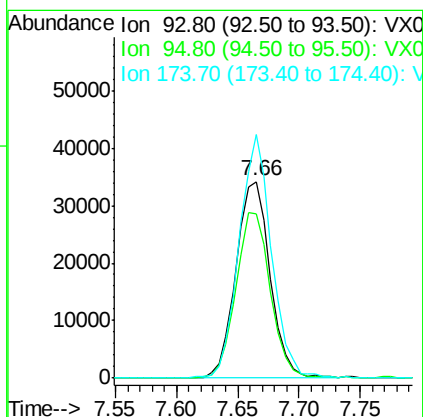
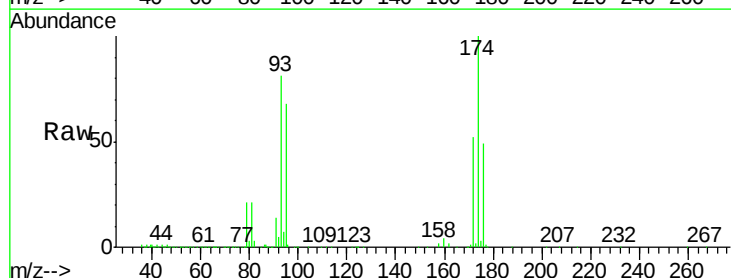
Tgt Ion: 93 Resp: 66287

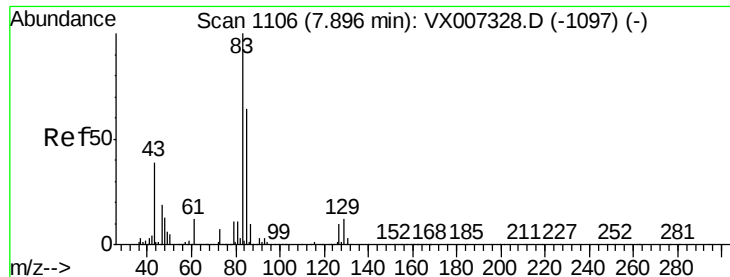
Ion Ratio Lower Upper

93 100

95 85.0 67.6 101.4

174 117.6 94.2 141.4





#47

Bromodichloromethane

Concen: 19.474 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007472.D

Acq: 11 Feb 2019 17:06

Instrument :

MSVOA_X

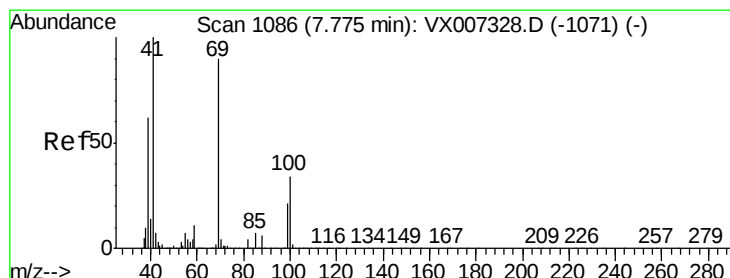
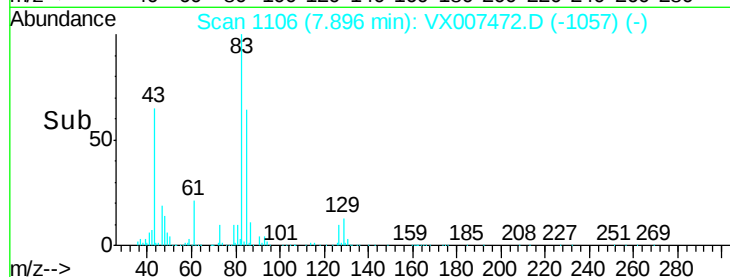
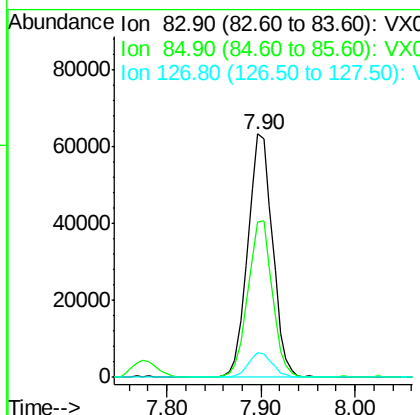
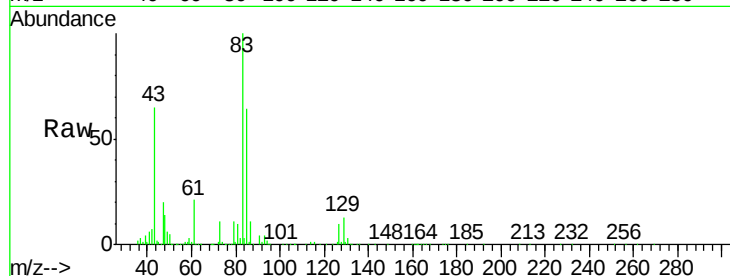
ClientSampleId :

VX0211WBSD01

Tot Ion:	83	Resp:	115809
Ion Ratio	Lower	Upper	
83	100		
85	63.8	51.4	77.0
127	9.8	8.1	12.1

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#48

Methyl methacrylate

Concen: 20.784 ug/l

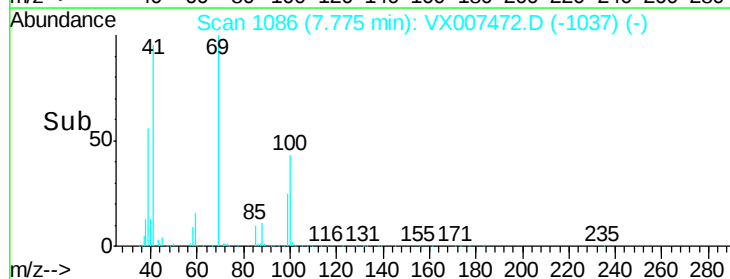
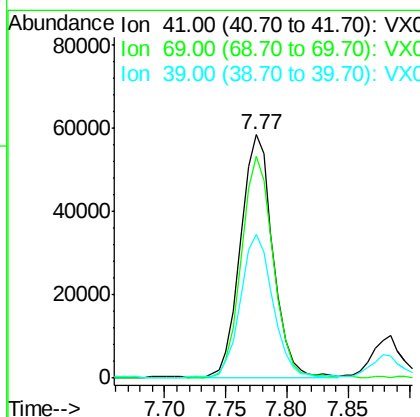
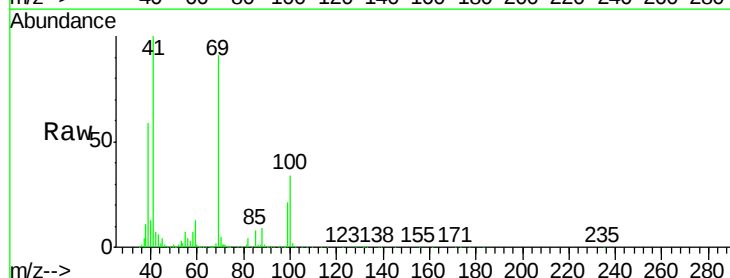
RT: 7.77 min Scan# 1086

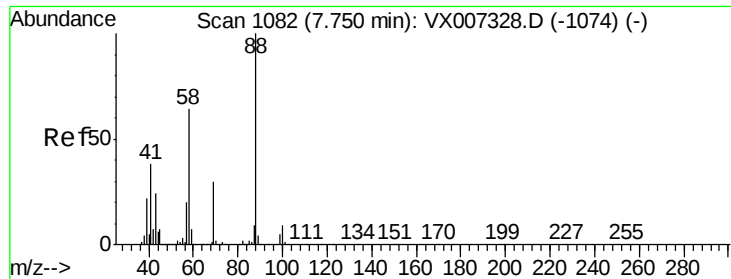
Delta R.T. 0.00 min

Lab File: VX007472.D

Acq: 11 Feb 2019 17:06

Tgt Ion:	41	Resp:	106106
Ion Ratio	Lower	Upper	
41	100		
69	91.1	70.2	105.4
39	60.4	47.4	71.0





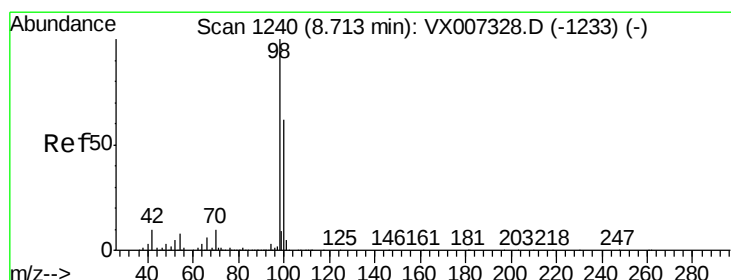
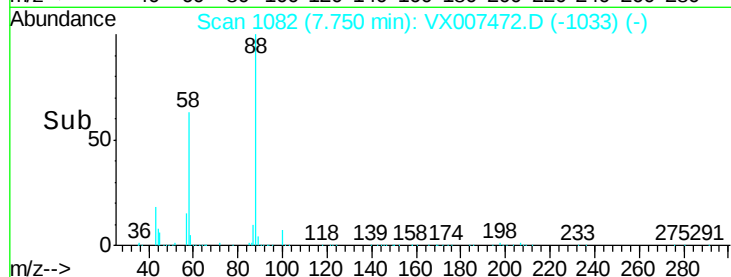
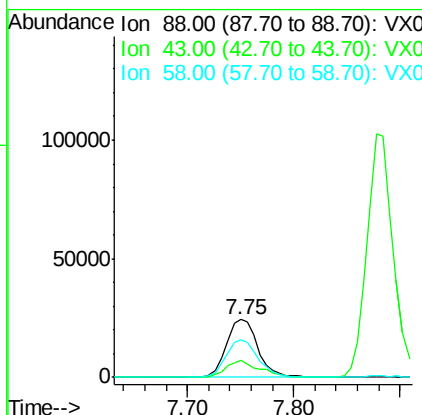
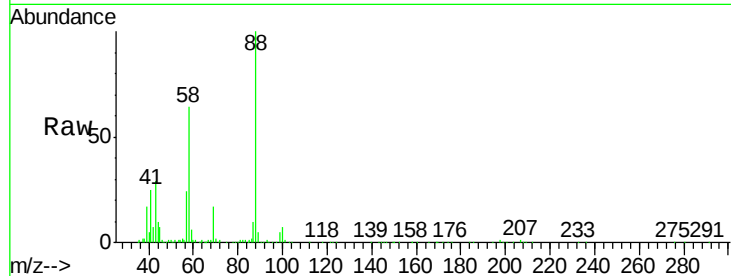
#49
1,4-Dioxane
Concen: 442.923 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007472.D
Acq: 11 Feb 2019 17:06

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.2	24.2	36.4
58	64.6	53.0	79.4

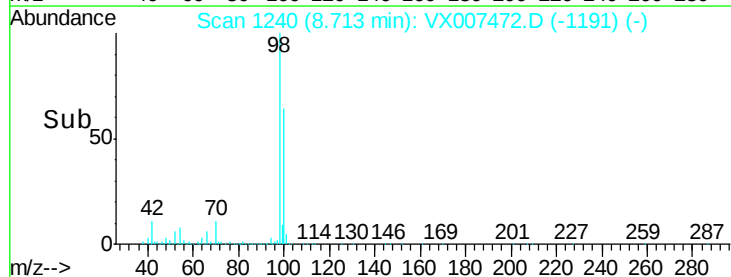
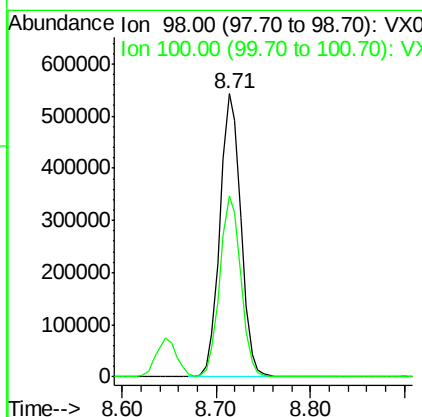
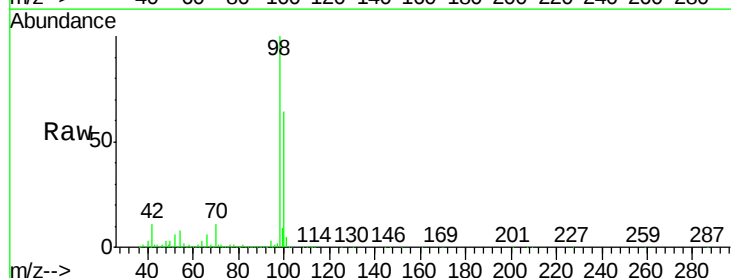
Manual Integrations
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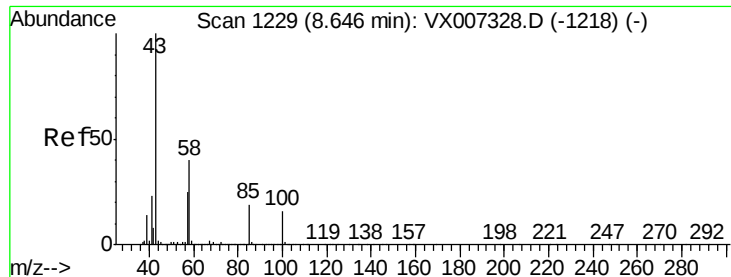
MMDadoda
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#50
Toluene-d8
Concen: 47.471 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007472.D
Acq: 11 Feb 2019 17:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 105.326 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007472.D

Acq: 11 Feb 2019 17:06

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBSD01

Tot Ion: 43 Resp: 707675

Ion Ratio Lower Upper

43 100

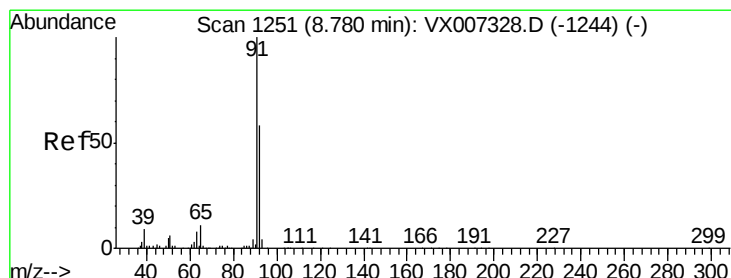
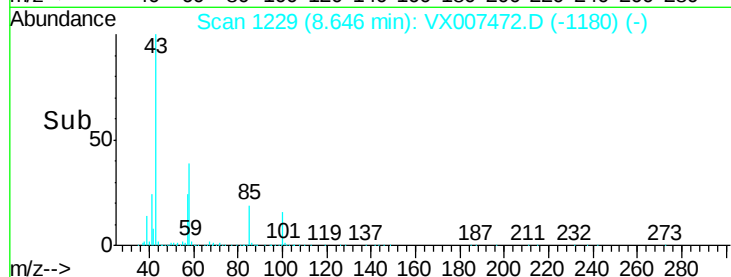
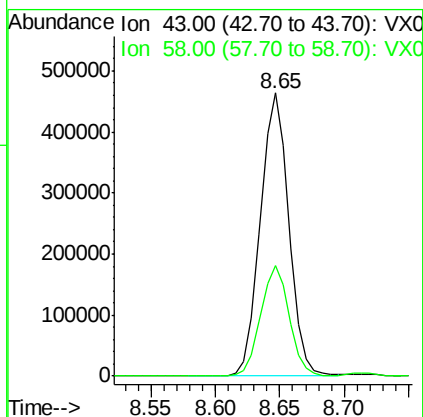
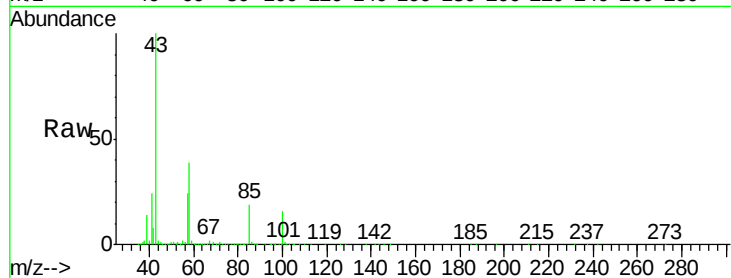
58 39.2 31.2 46.8

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#52

Toluene

Concen: 18.934 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007472.D

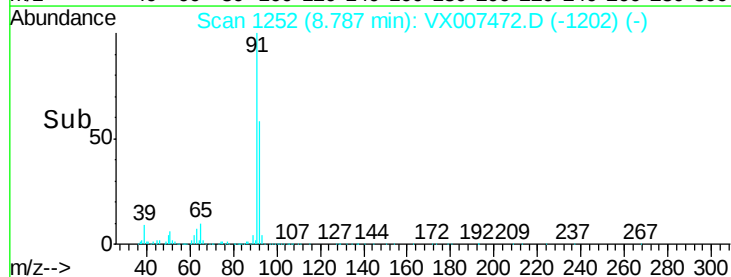
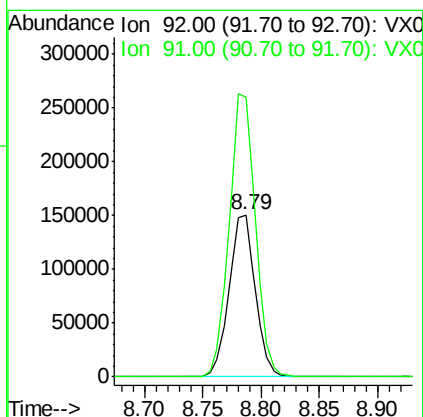
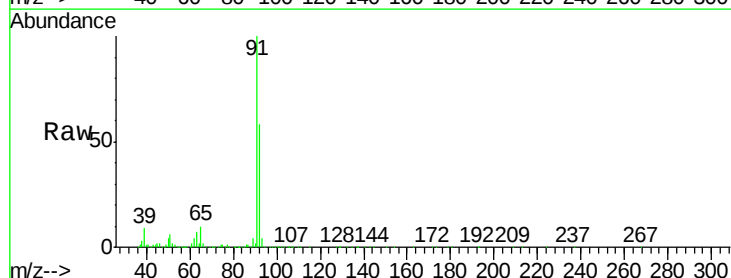
Acq: 11 Feb 2019 17:06

Tgt Ion: 92 Resp: 235388

Ion Ratio Lower Upper

92 100

91 176.2 139.1 208.7





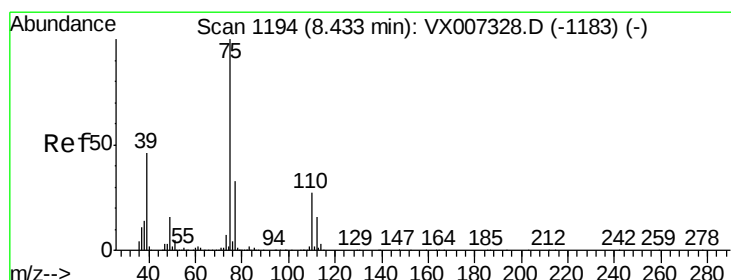
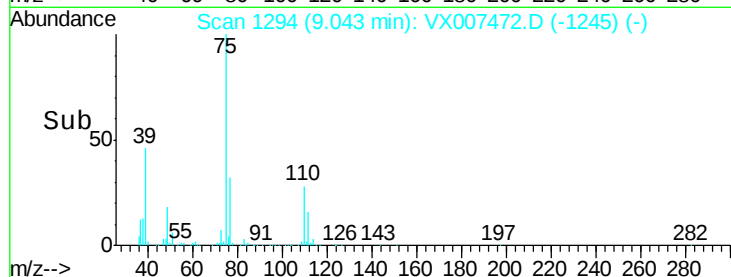
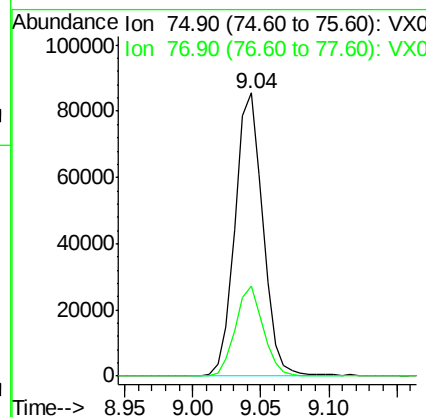
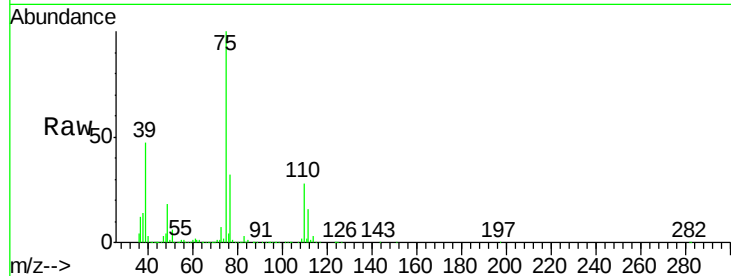
#53
t-1,3-Dichloropropene
Concen: 19.090 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX007472.D
Acq: 11 Feb 2019 17:06

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.2	37.8

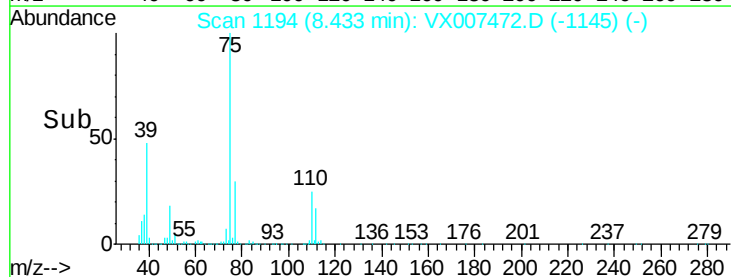
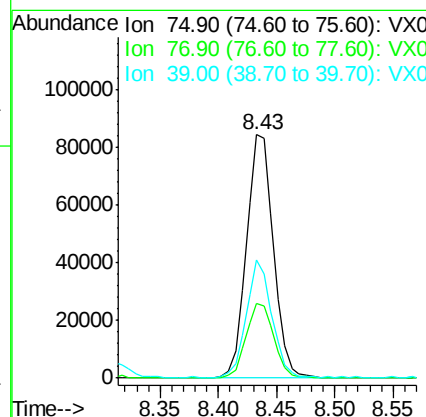
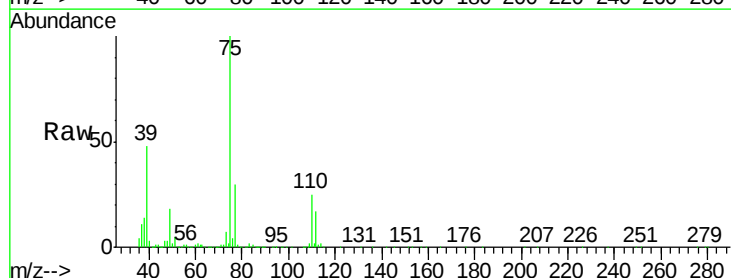
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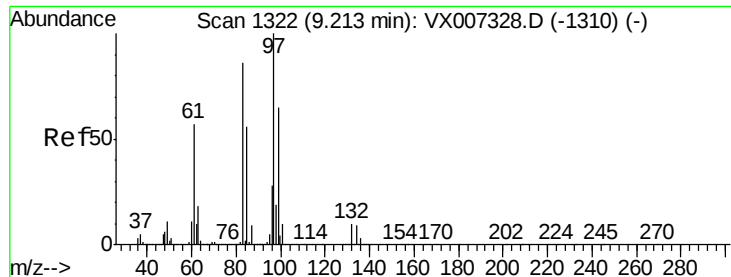
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 19.474 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX007472.D
Acq: 11 Feb 2019 17:06

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.3	26.2	39.4
39	48.0	37.1	55.7





#55

1,1,2-Trichloroethane

Concen: 19.374 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX007472.D

Acq: 11 Feb 2019 17:06

Instrument :

MSVOA_X

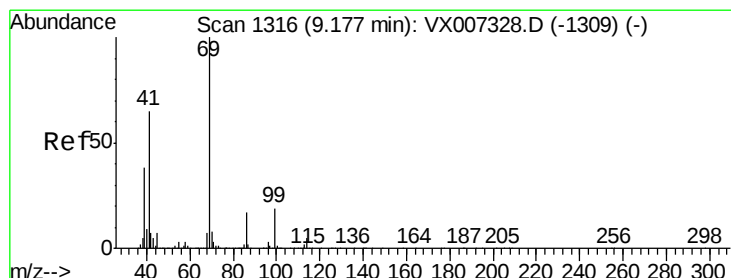
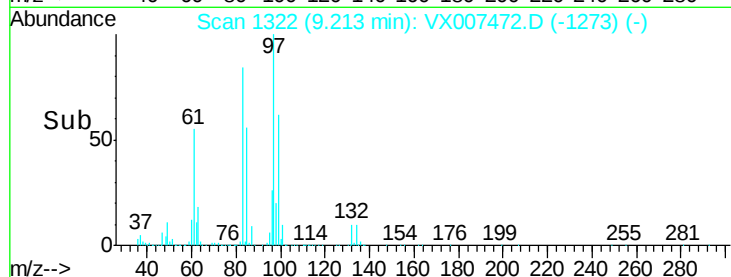
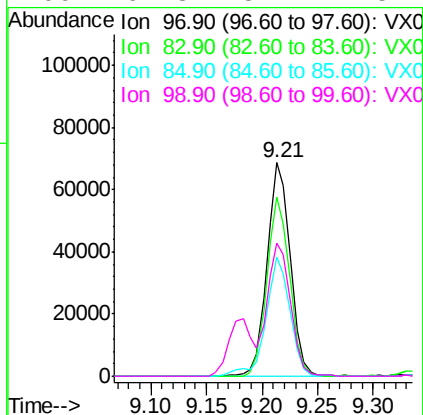
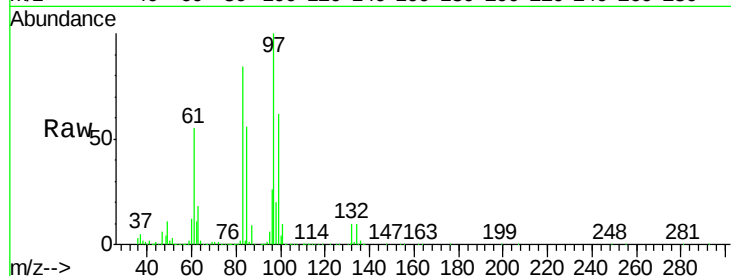
ClientSampleId :

VX0211WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		100401		
83	83.7	68.6	102.8		
85	55.7	44.5	66.7		
99	62.3	52.2	78.4		

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#56

Ethyl methacrylate

Concen: 20.337 ug/l

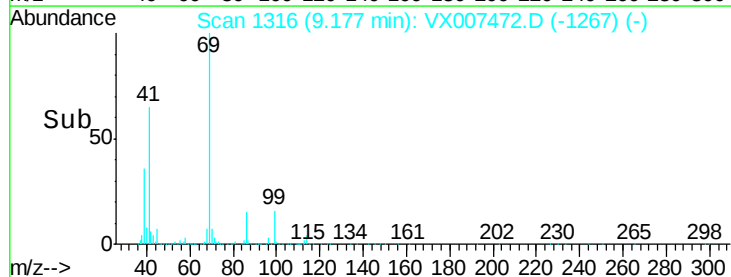
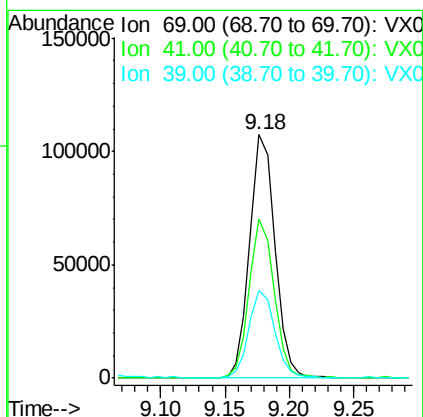
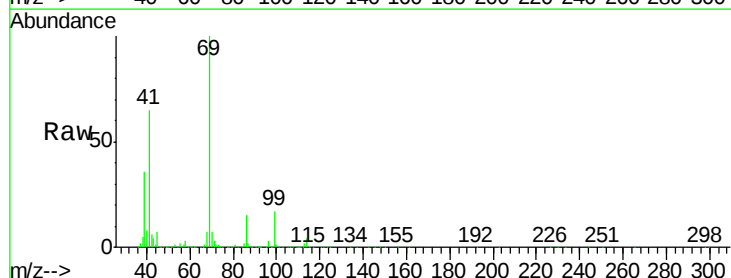
RT: 9.18 min Scan# 1316

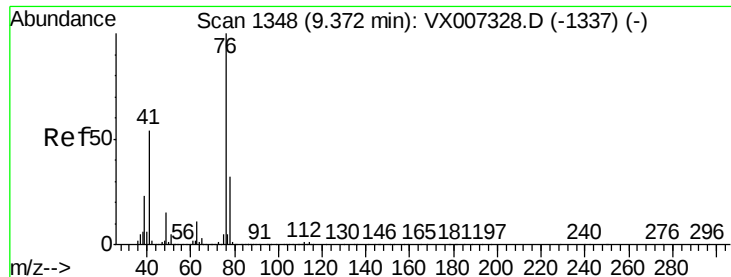
Delta R.T. 0.00 min

Lab File: VX007472.D

Acq: 11 Feb 2019 17:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		145968		
41	64.4	52.1	78.1		
39	36.3	30.1	45.1		





#57

1,3-Dichloropropane

Concen: 19.579 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007472.D

Acq: 11 Feb 2019 17:06

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBSD01

Tot Ion: 76 Resp: 161352

Ion Ratio Lower Upper

76 100

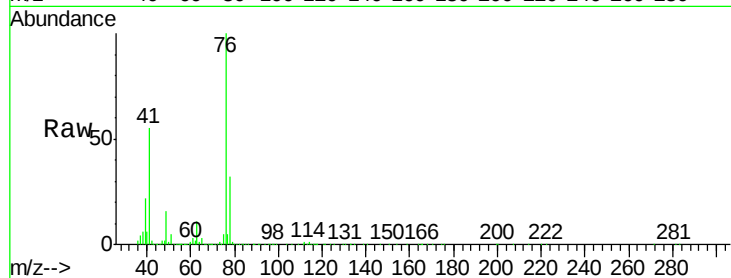
78 32.3 25.8 38.8

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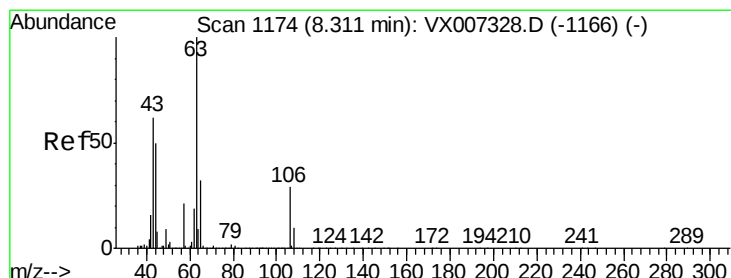
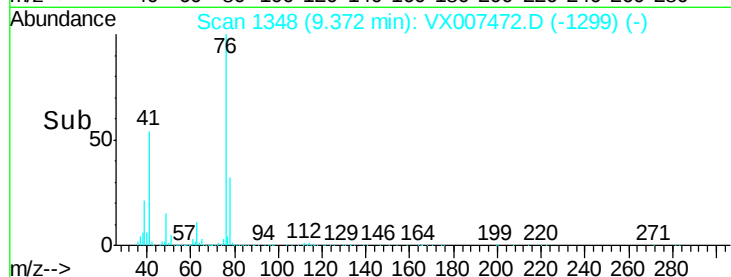
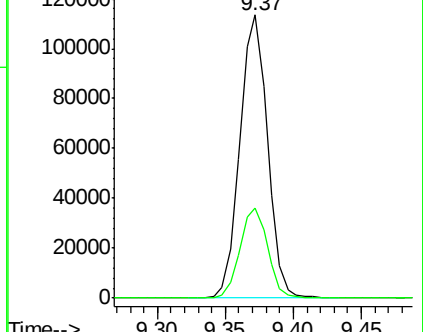
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 98.458 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007472.D

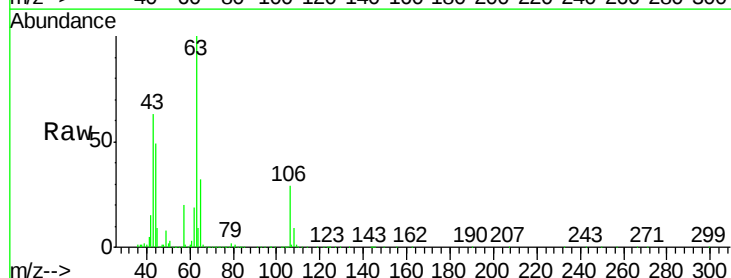
Acq: 11 Feb 2019 17:06

Tgt Ion: 63 Resp: 372470

Ion Ratio Lower Upper

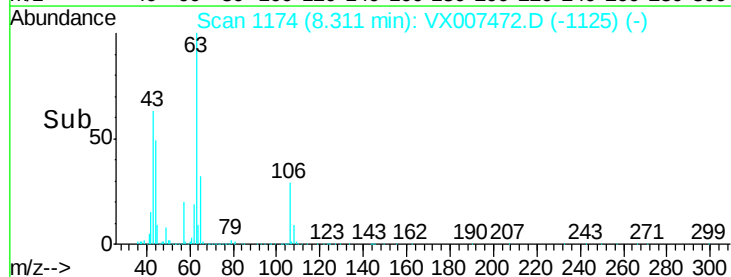
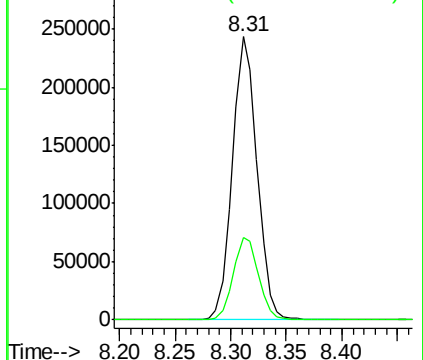
63 100

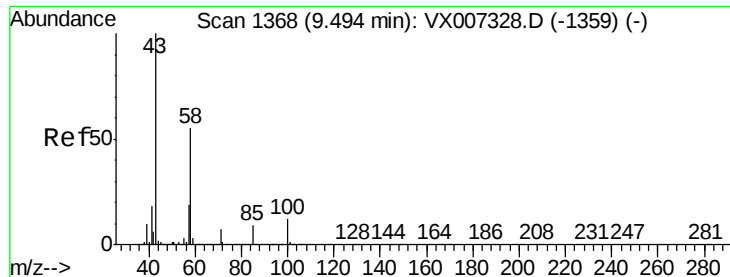
106 29.7 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





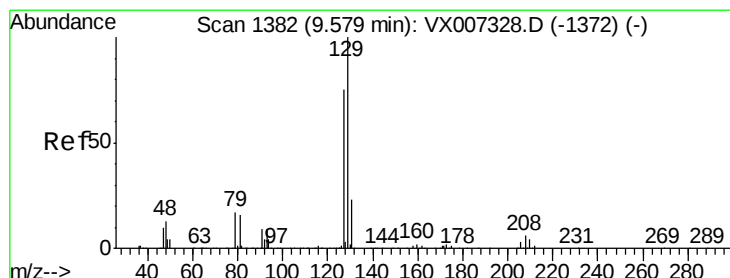
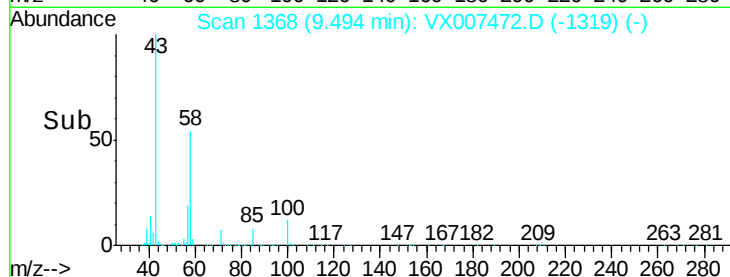
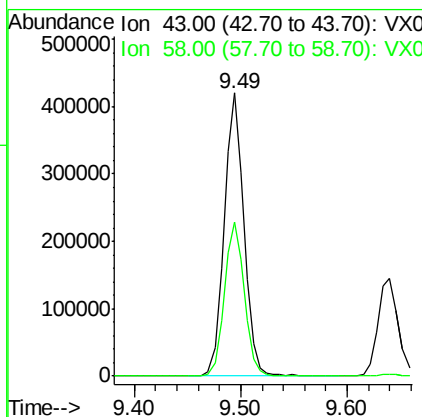
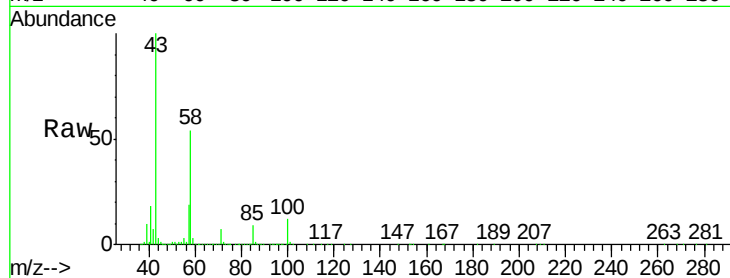
#59
2-Hexanone
Concen: 104.075 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007472.D
Acq: 11 Feb 2019 17:06

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBSD01

Tot Ion: 43 Resp: 544147
Ion Ratio Lower Upper
43 100
58 55.1 27.1 81.3

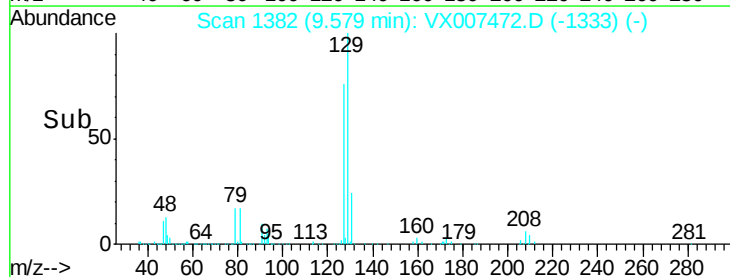
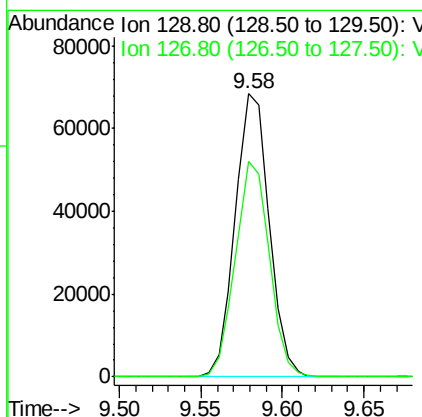
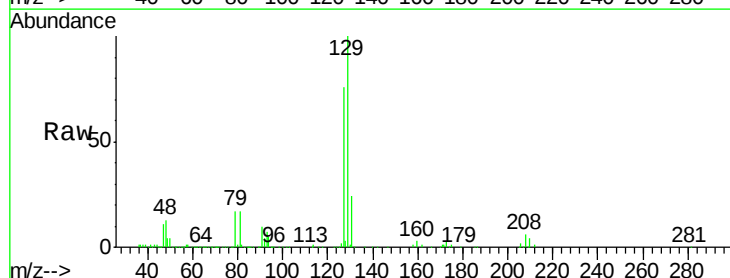
Manual Integrations
APPROVED

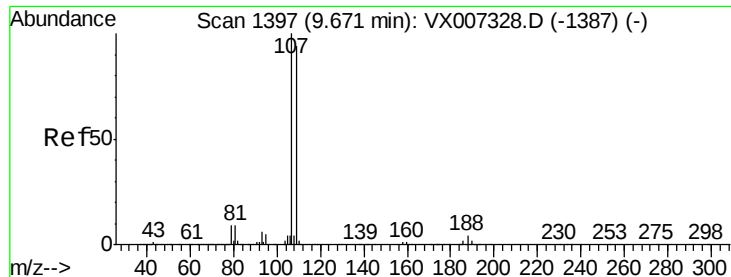
MMDadoda
2/12/2019 12:15:46 PM



#60
Dibromochloromethane
Concen: 20.355 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX007472.D
Acq: 11 Feb 2019 17:06

Tgt Ion: 129 Resp: 99762
Ion Ratio Lower Upper
129 100
127 76.1 37.8 113.4





#61

1,2-Dibromoethane

Concen: 19.758 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007472.D

Acq: 11 Feb 2019 17:06

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBSD01

Tot Ion: 107 Resp: 108431

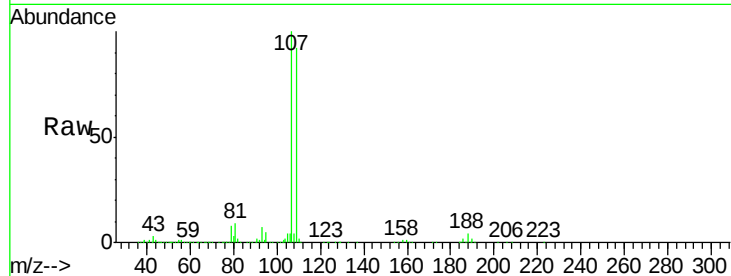
Ion Ratio Lower Upper

107 100

109 93.5 75.1 112.7

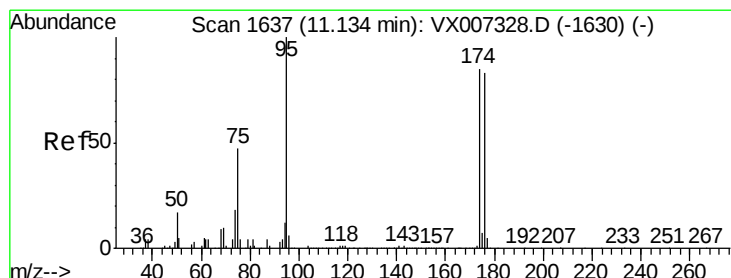
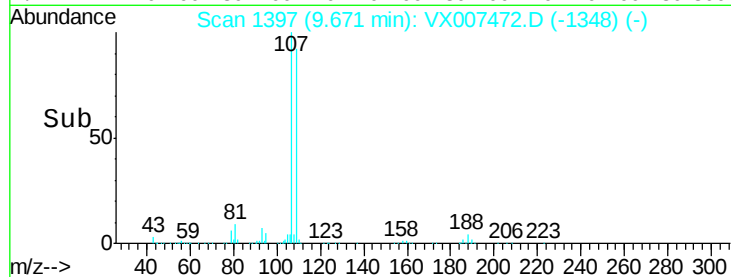
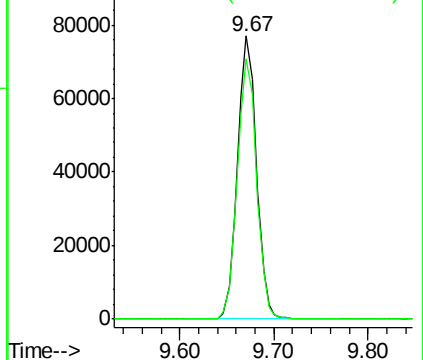
Manual Integrations
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.602 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007472.D

Acq: 11 Feb 2019 17:06

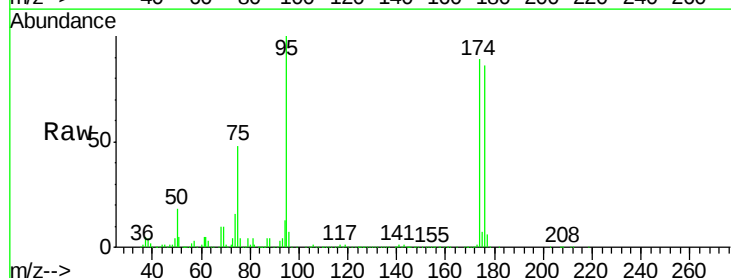
Tgt Ion: 95 Resp: 299450

Ion Ratio Lower Upper

95 100

174 95.2 0.0 189.2

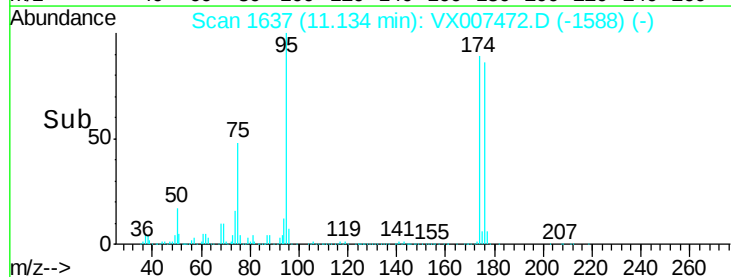
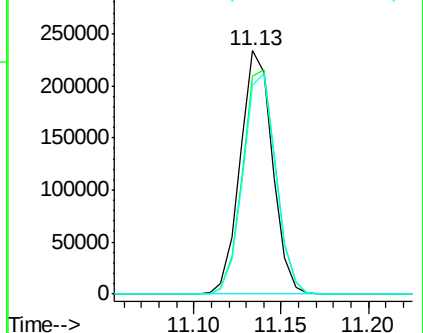
176 92.3 0.0 186.2

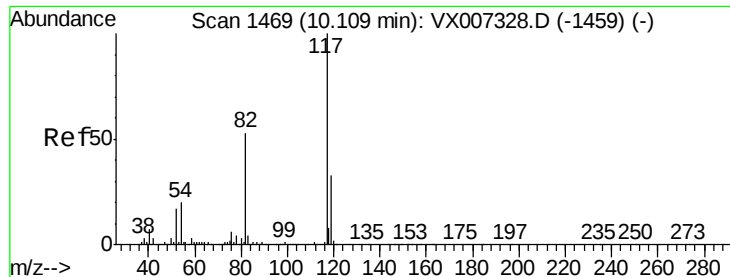


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





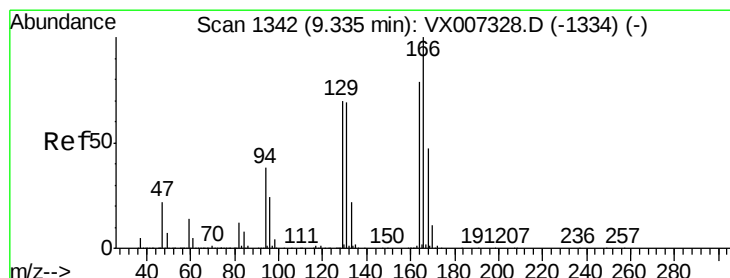
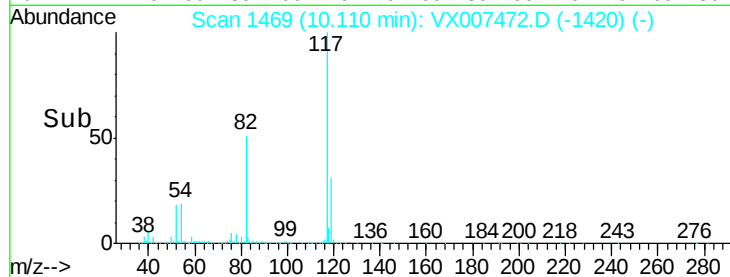
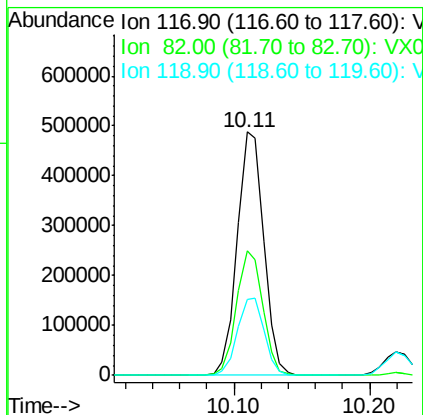
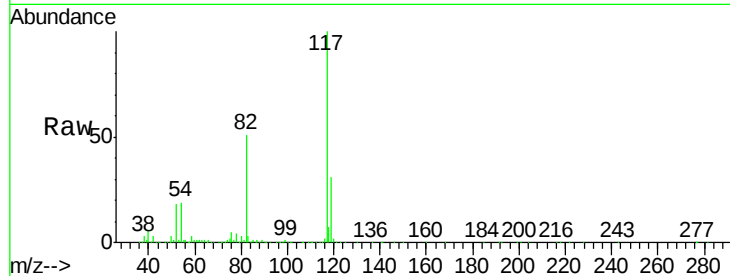
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007472.D
Acq: 11 Feb 2019 17:06

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.3	42.1	63.1
119	31.0	26.5	39.7

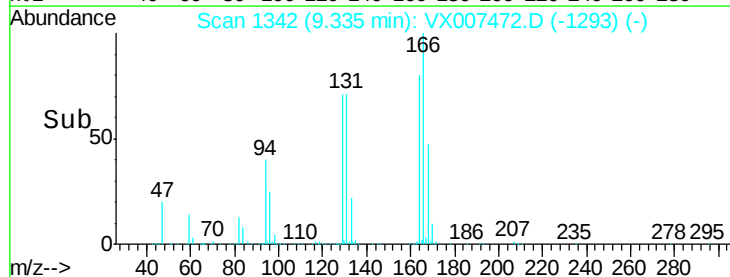
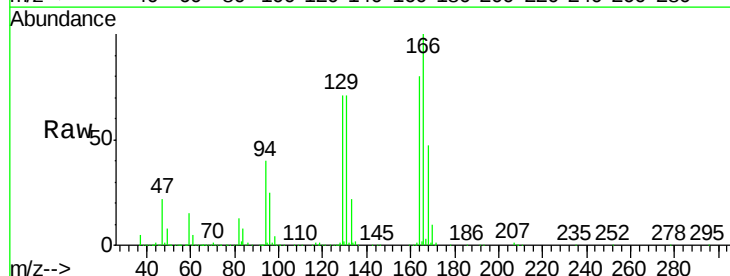
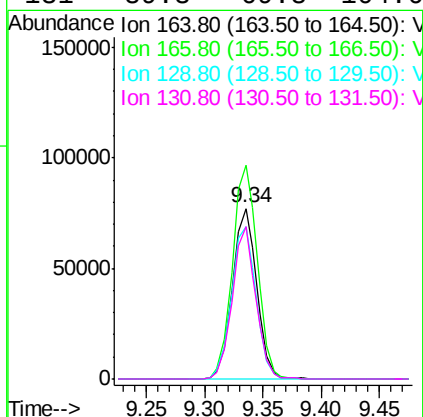
Manual Integrations
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#64
Tetrachloroethene
Concen: 17.854 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007472.D
Acq: 11 Feb 2019 17:06

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.1	101.0	151.4
129	89.4	70.5	105.7
131	89.3	69.8	104.6





#65

Chlorobenzene

Concen: 18.975 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX007472.D

Acq: 11 Feb 2019 17:06

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBSD01

Tot Ion:112 Resp: 275058

Ion Ratio Lower Upper

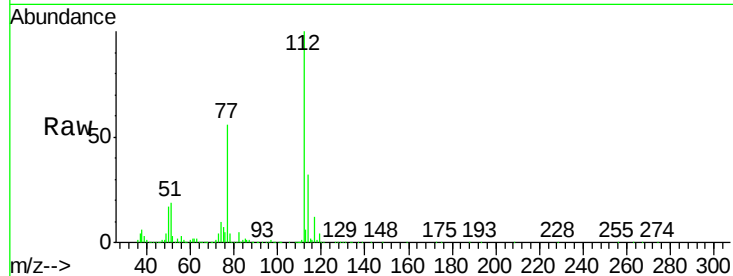
112 100

114 32.1 25.8 38.6

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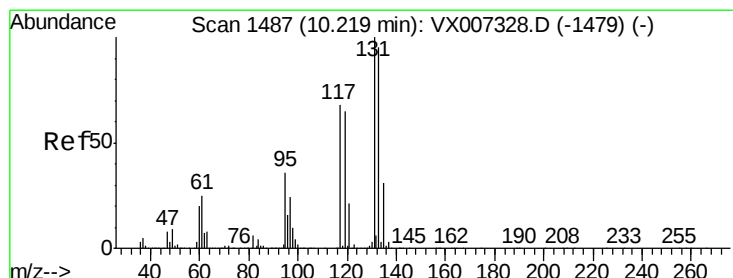
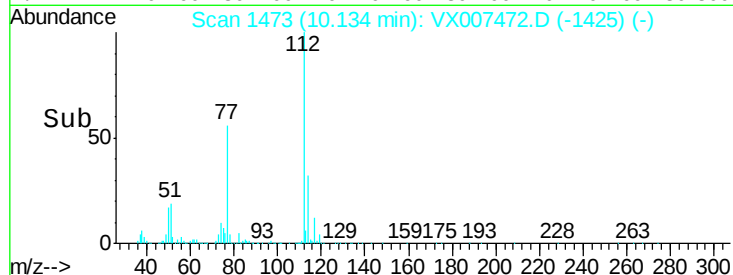
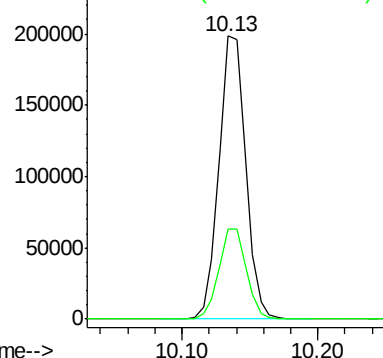
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.901 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007472.D

Acq: 11 Feb 2019 17:06

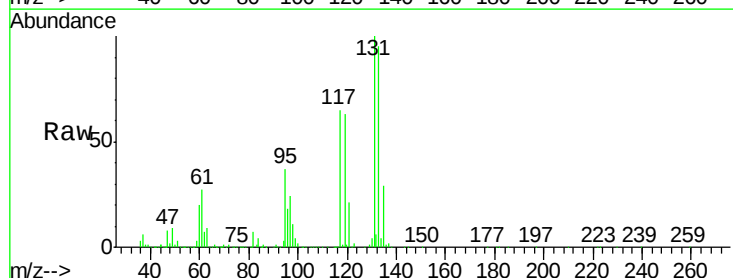
Tgt Ion:131 Resp: 96719

Ion Ratio Lower Upper

131 100

133 97.5 48.0 144.2

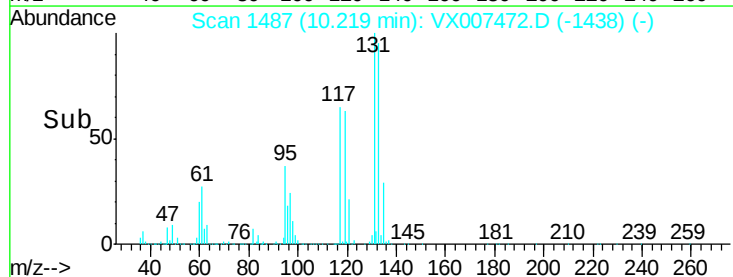
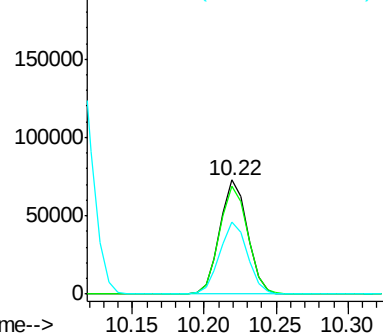
119 64.1 32.0 96.0

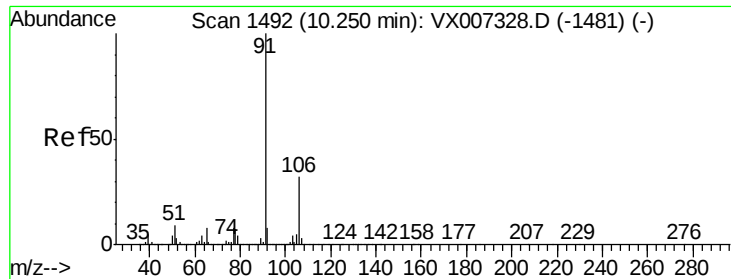


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.492 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007472.D

Acq: 11 Feb 2019 17:06

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBSD01

Tot Ion: 91 Resp: 455016

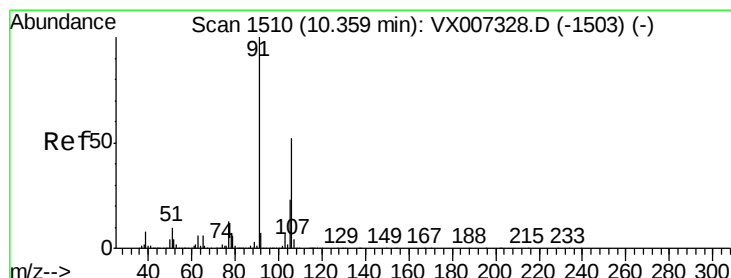
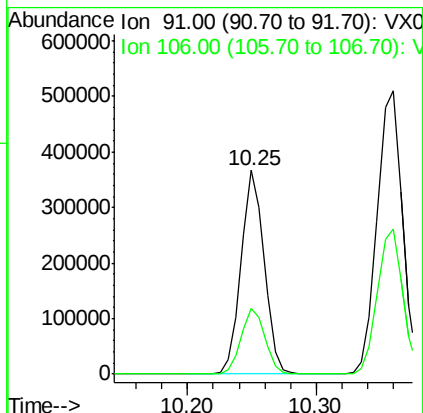
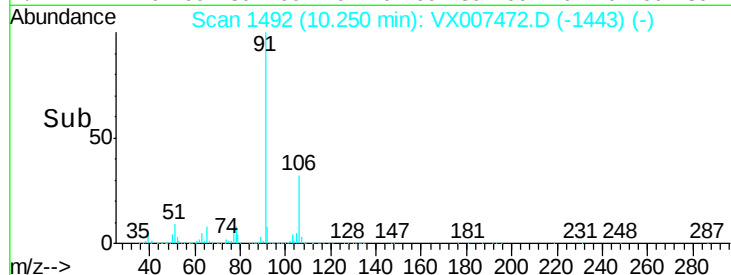
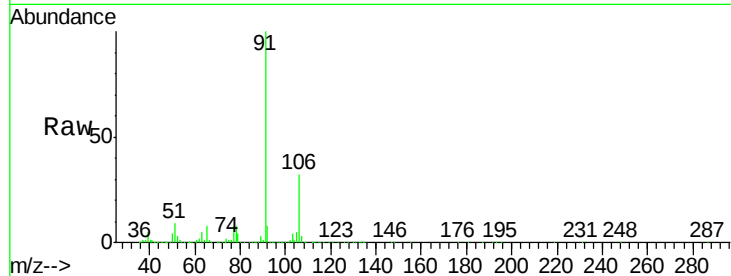
Ion Ratio Lower Upper

91 100

106 32.3 25.4 38.0

Manual Integrations
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#68

m/p-Xylenes

Concen: 38.072 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007472.D

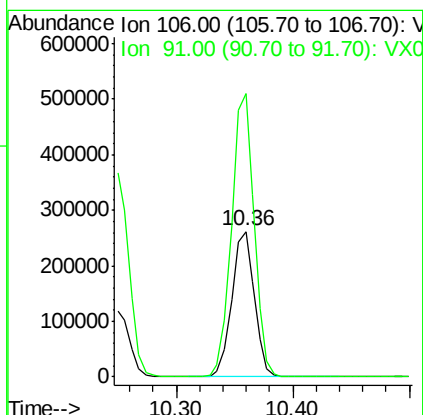
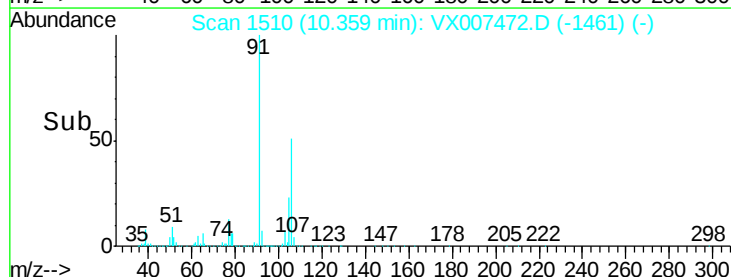
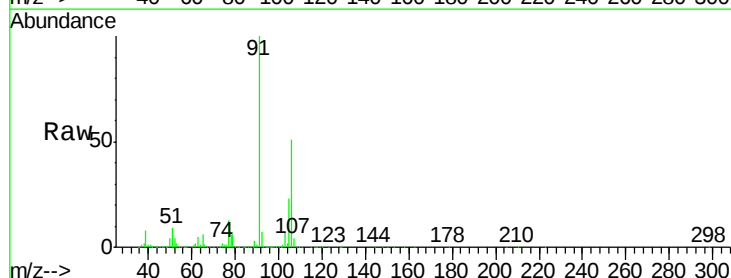
Acq: 11 Feb 2019 17:06

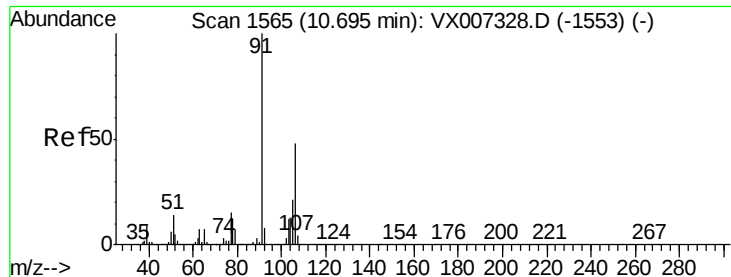
Tgt Ion: 106 Resp: 353281

Ion Ratio Lower Upper

106 100

91 194.7 156.6 234.8





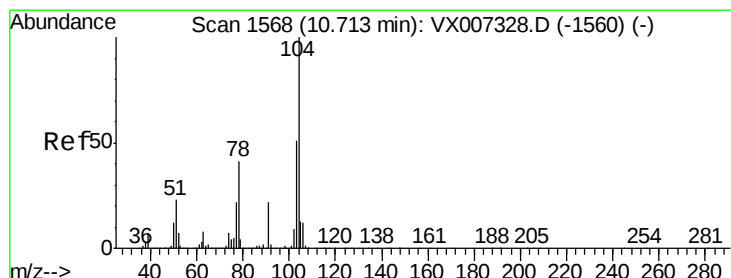
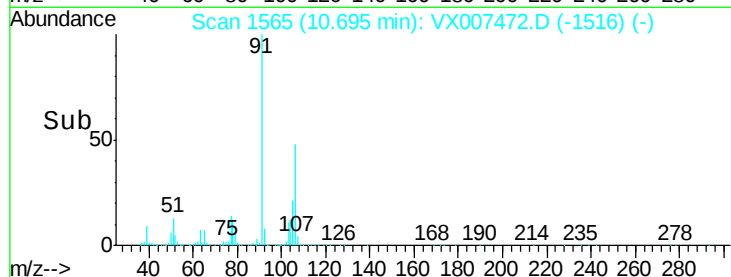
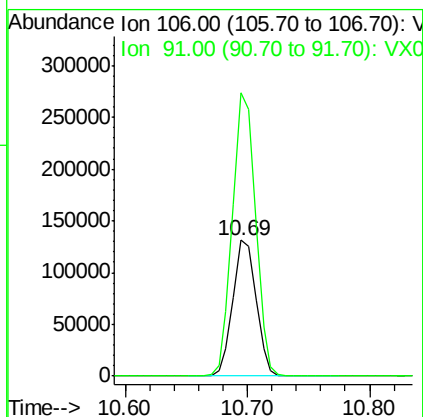
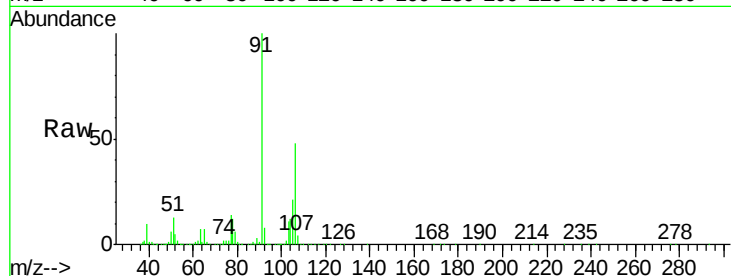
#69
o-Xylene
Concen: 19.373 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX007472.D
Acq: 11 Feb 2019 17:06

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	206.7	102.9	308.7

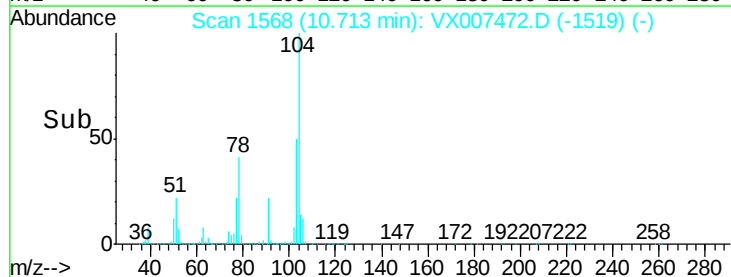
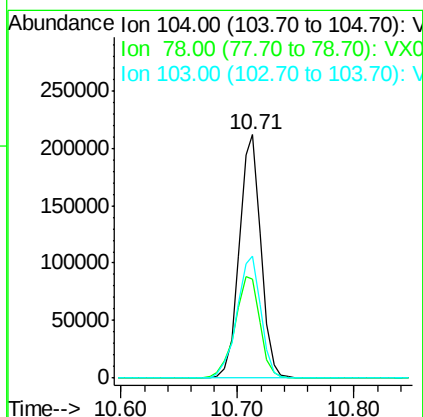
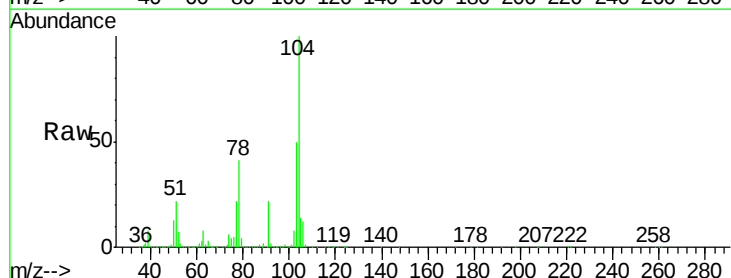
Manual Integrations
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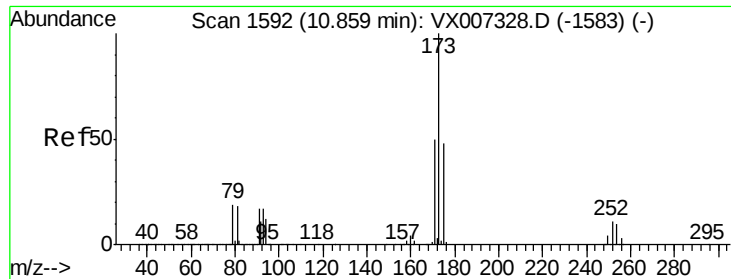
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#70
Styrene
Concen: 18.877 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007472.D
Acq: 11 Feb 2019 17:06

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.1	38.3	57.5
103	56.0	44.6	67.0





#71

Bromoform

Concen: 19.732 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007472.D

Acq: 11 Feb 2019 17:06

Instrument :

MSVOA_X

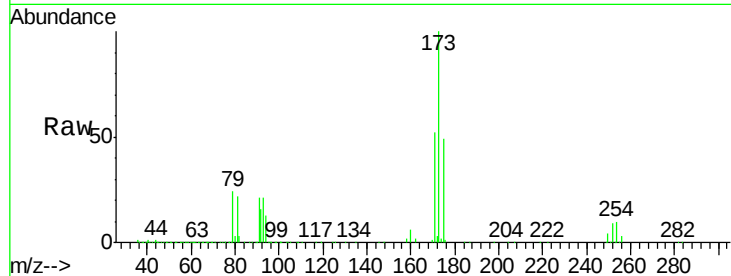
ClientSampleId :

VX0211WBSD01

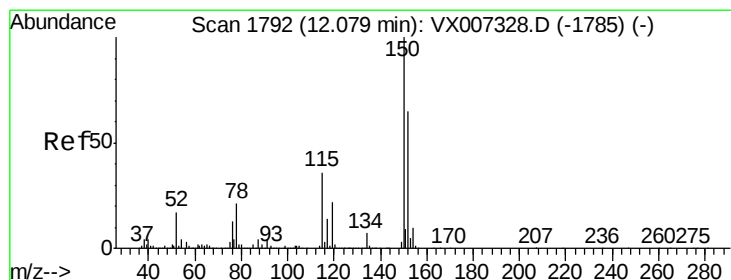
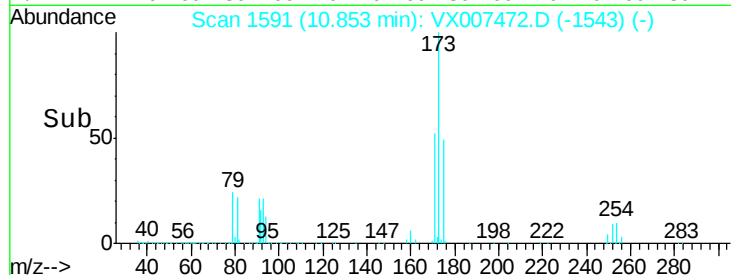
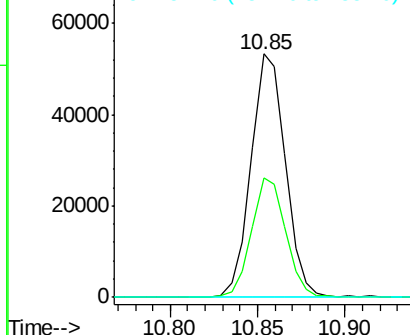
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.2	72.6
254	0.3	0.2	0.2

Manual Integrations
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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

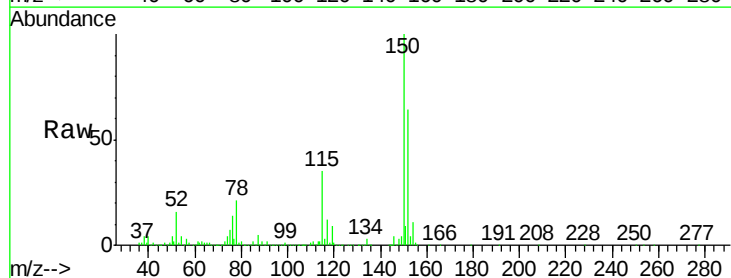
RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

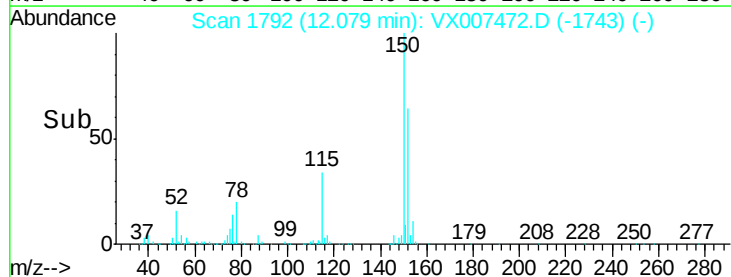
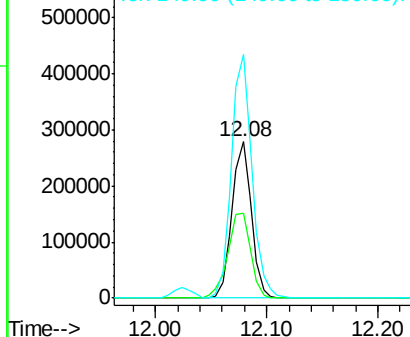
Lab File: VX007472.D

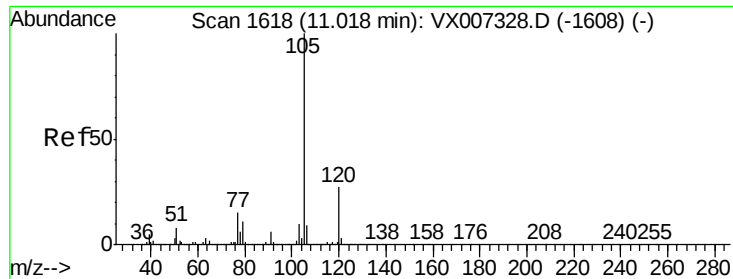
Acq: 11 Feb 2019 17:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.1	38.0	114.0
150	164.6	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: 20.221 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007472.D

Acq: 11 Feb 2019 17:06

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBSD01

Tot Ion: 105 Resp: 461325

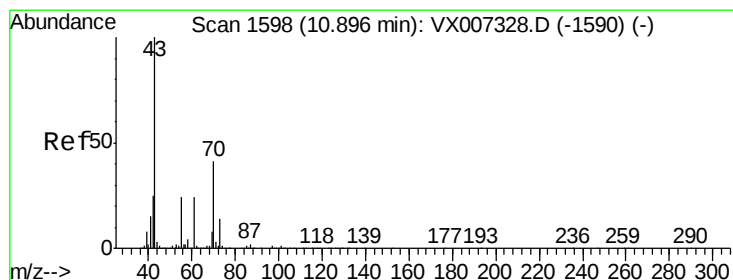
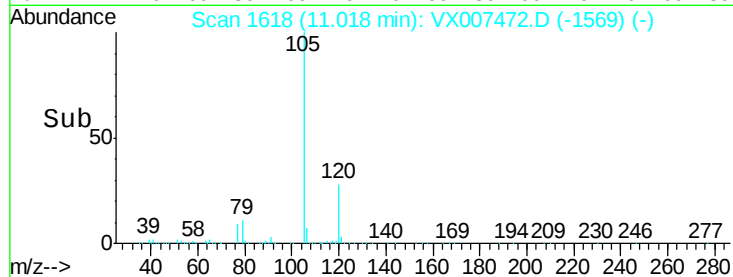
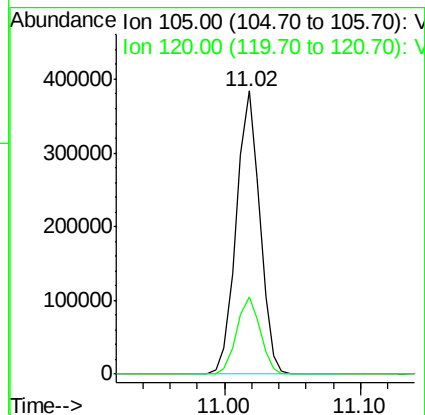
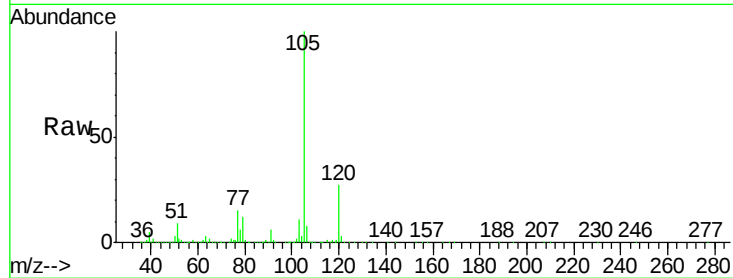
Ion Ratio Lower Upper

105 100

120 27.5 13.6 40.7

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#74

N-ethyl acetate

Concen: 21.553 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007472.D

Acq: 11 Feb 2019 17:06

Tgt Ion: 43 Resp: 190188

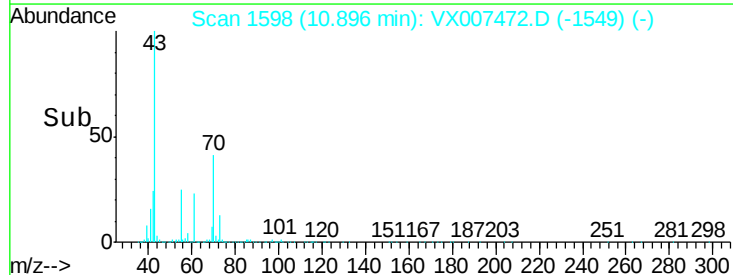
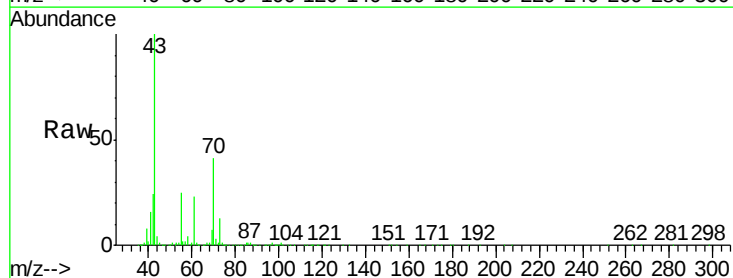
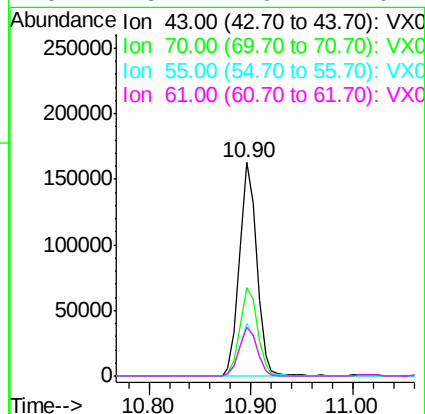
Ion Ratio Lower Upper

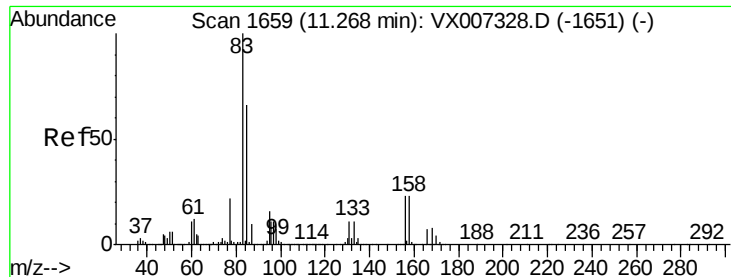
43 100

70 42.4 33.8 50.6

55 23.8 19.5 29.3

61 23.1 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.506 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007472.D

Acq: 11 Feb 2019 17:06

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBSD01

Tot Ion: 83 Resp: 149522

Ion Ratio Lower Upper

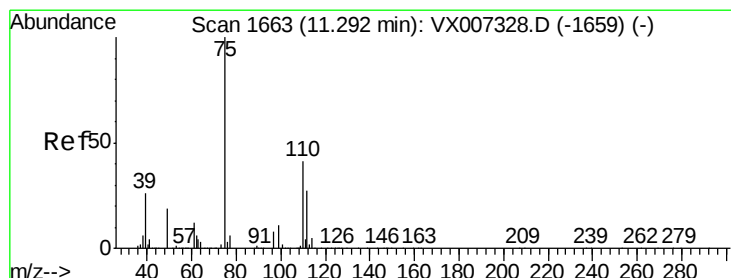
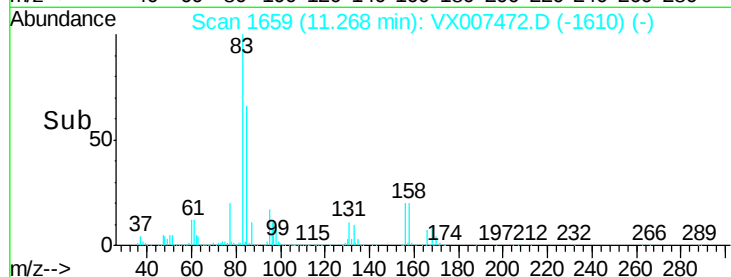
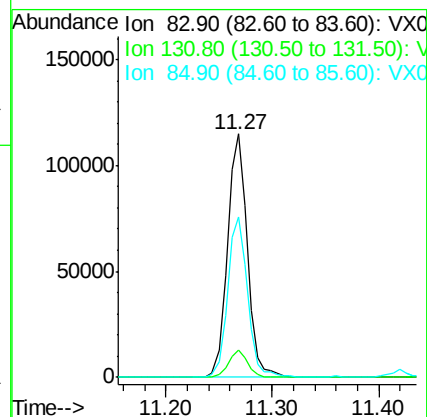
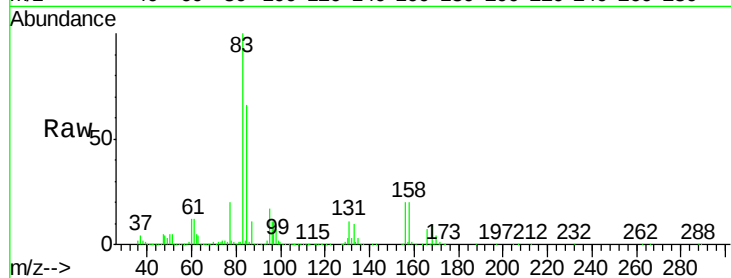
83 100

131 11.1 5.7 17.0

85 66.1 32.8 98.3

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#76

1,2,3-Trichloropropane

Concen: 21.776 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX007472.D

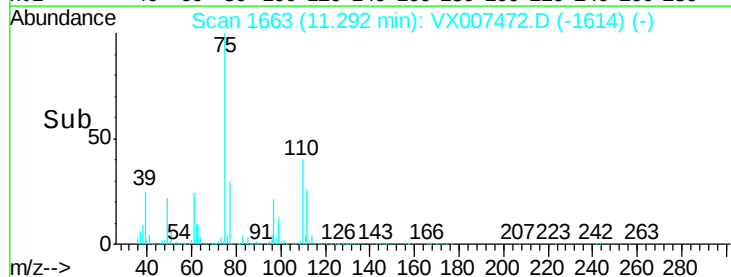
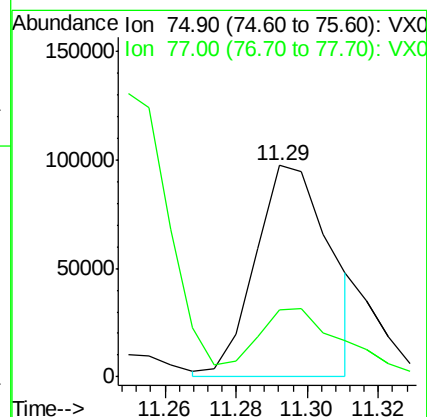
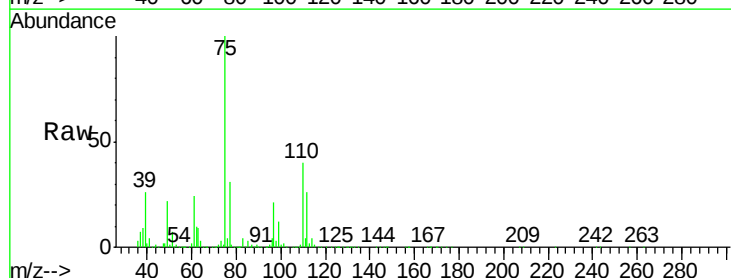
Acq: 11 Feb 2019 17:06

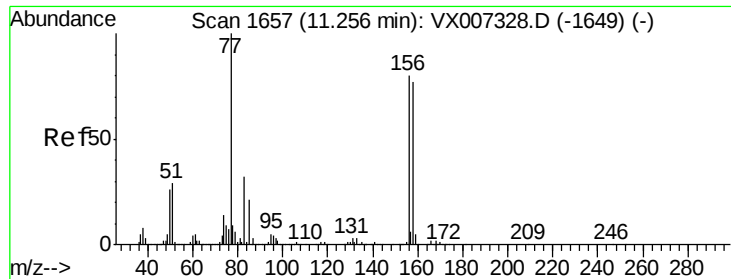
Tgt Ion: 75 Resp: 142197

Ion Ratio Lower Upper

75 100

77 37.5 23.0 69.0





#77

Bromobenzene

Concen: 19.541 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007472.D

Acq: 11 Feb 2019 17:06

Instrument :

MSVOA_X

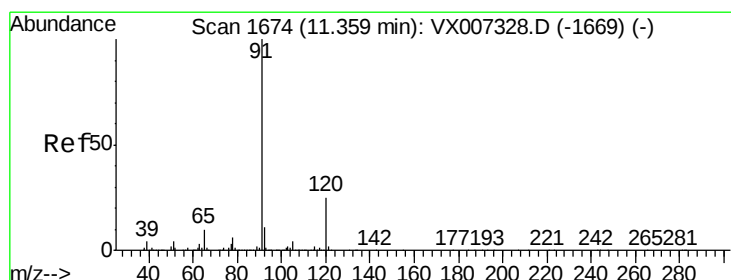
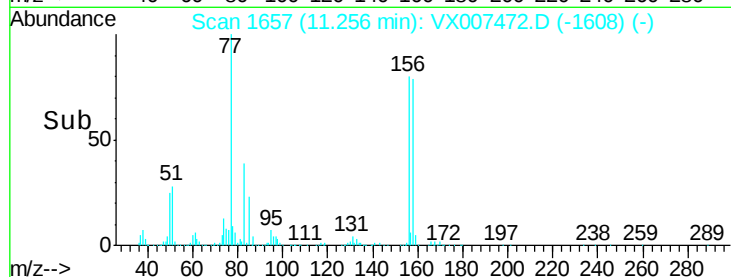
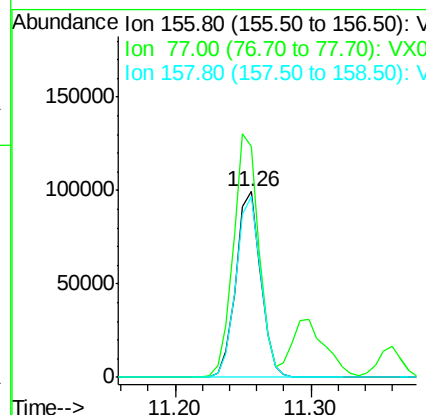
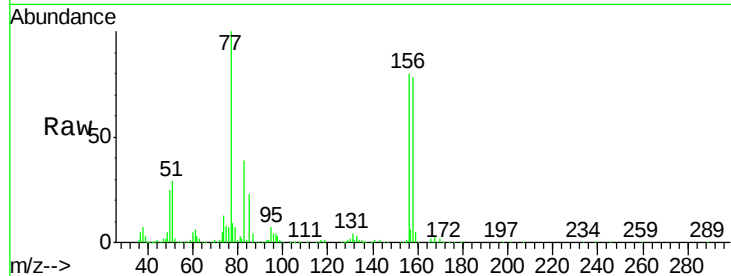
ClientSampleId :

VX0211WBSD01

Tot Ion:	156	Resp:	125605
Ion Ratio	Lower	Upper	
156	100		
77	134.8	66.8	200.6
158	98.8	47.9	143.8

Manual Integrations
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#78

n-propylbenzene

Concen: 20.087 ug/l

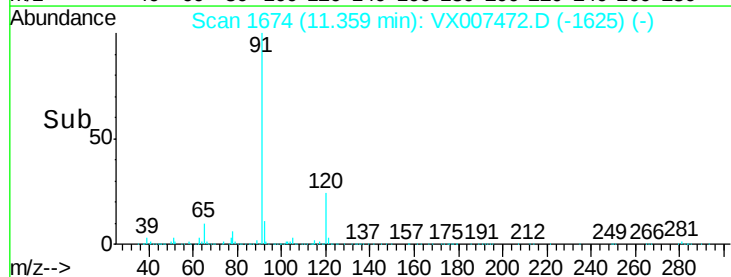
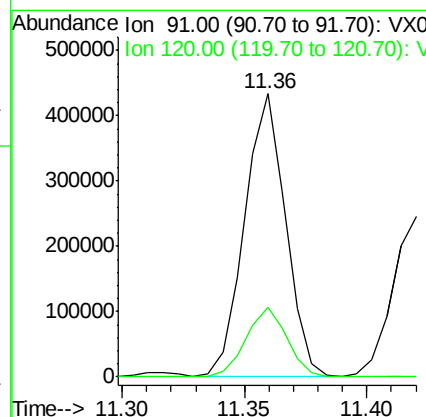
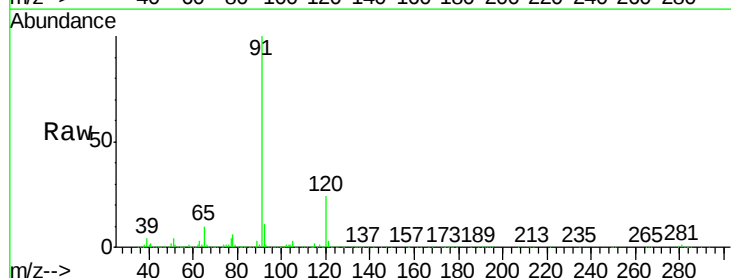
RT: 11.36 min Scan# 1674

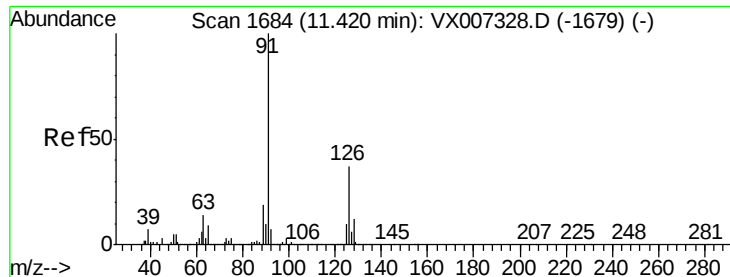
Delta R.T. 0.00 min

Lab File: VX007472.D

Acq: 11 Feb 2019 17:06

Tgt Ion:	91	Resp:	502518
Ion Ratio	Lower	Upper	
91	100		
120	24.8	12.4	37.2





#79

2-Chlorotoluene

Concen: 19.700 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007472.D

Acq: 11 Feb 2019 17:06

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBSD01

Tot Ion: 91 Resp: 299037

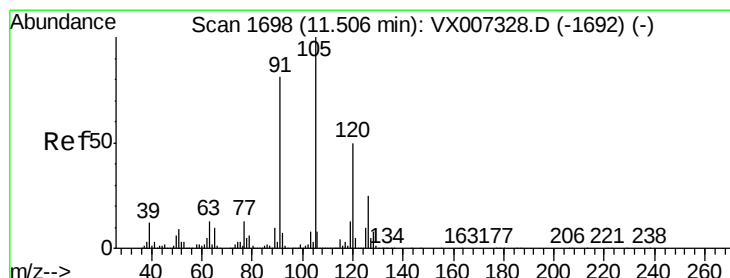
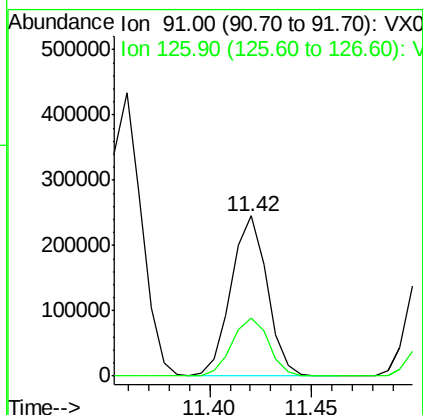
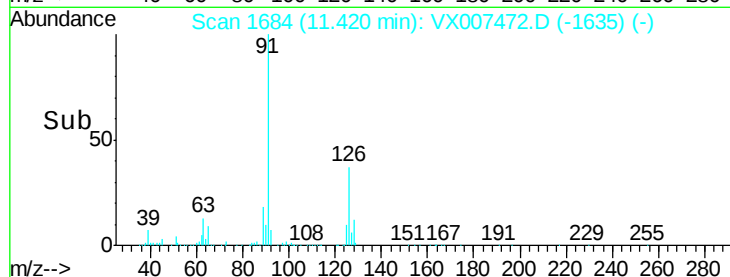
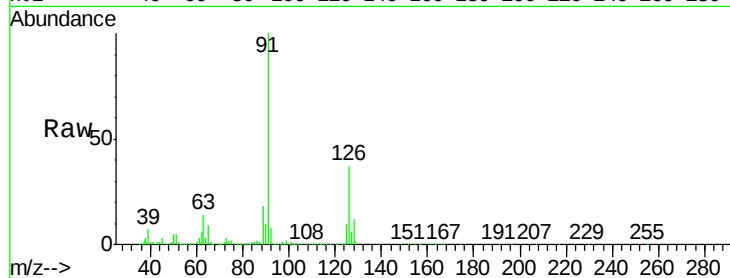
Ion Ratio Lower Upper

91 100

126 37.2 18.7 56.1

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 20.004 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007472.D

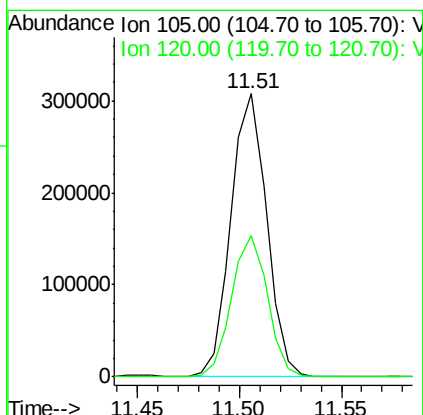
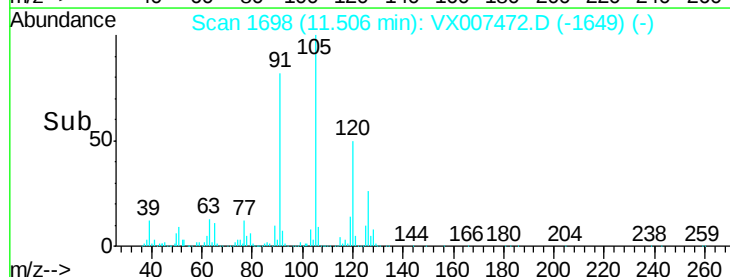
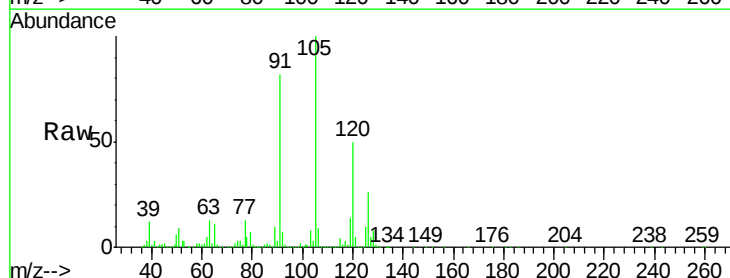
Acq: 11 Feb 2019 17:06

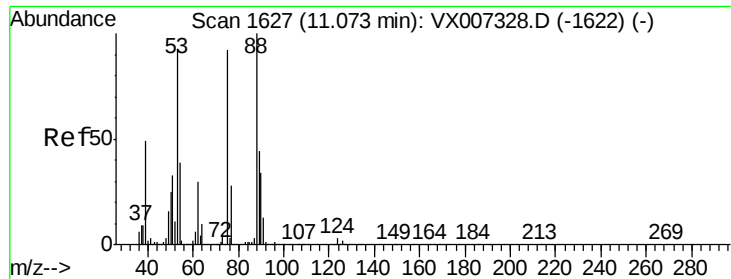
Tgt Ion: 105 Resp: 373367

Ion Ratio Lower Upper

105 100

120 50.2 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.387 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007472.D

Acq: 11 Feb 2019 17:06

Instrument :

MSVOA_X

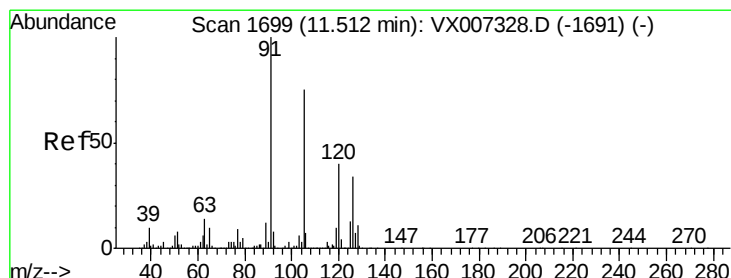
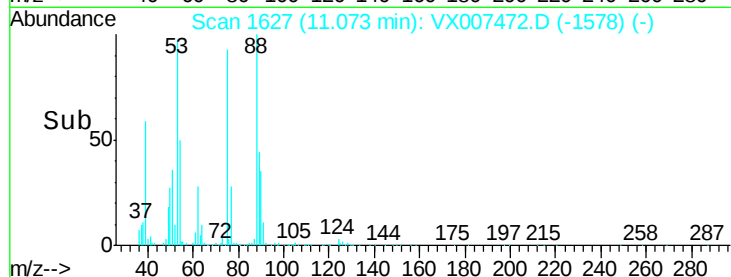
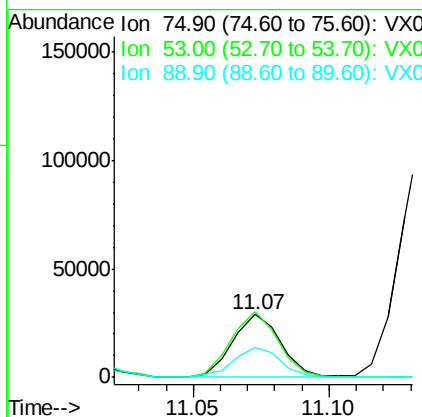
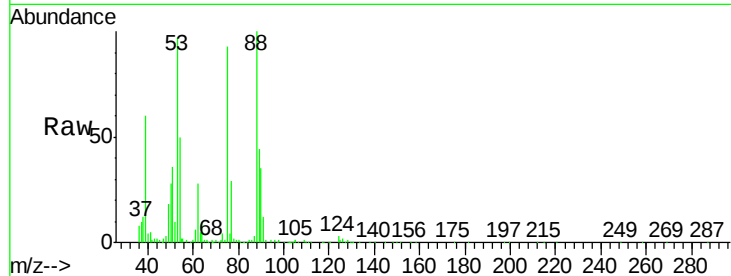
ClientSampleId :

VX0211WBSD01

Tot Ion:	75	Resp:	34984
Ion	Ratio	Lower	Upper
75	100		
53	103.6	81.0	121.6
89	48.0	41.4	62.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.352 ug/l

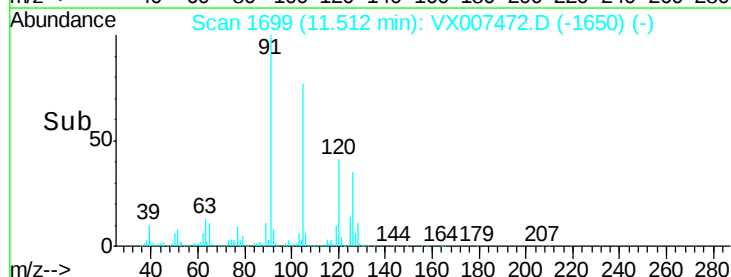
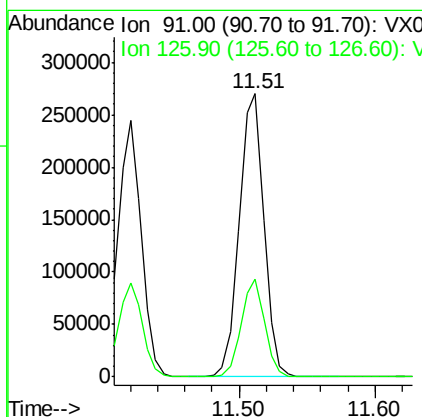
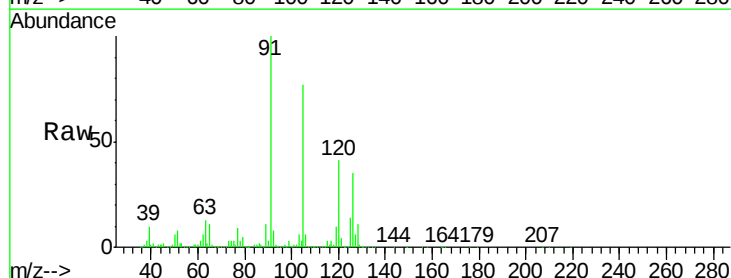
RT: 11.51 min Scan# 1699

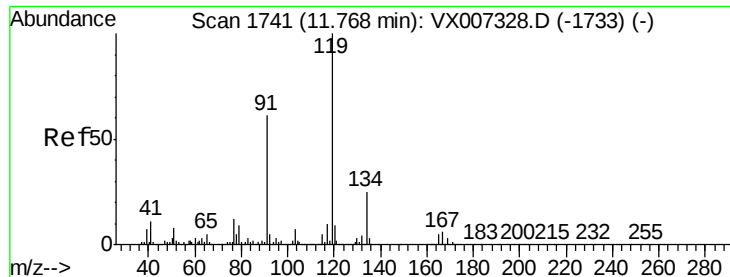
Delta R.T. 0.00 min

Lab File: VX007472.D

Acq: 11 Feb 2019 17:06

Tgt Ion:	91	Resp:	339910
Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.2	48.5





#83

tert-Butylbenzene

Concen: 19.969 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007472.D

Acq: 11 Feb 2019 17:06

Instrument :

MSVOA_X

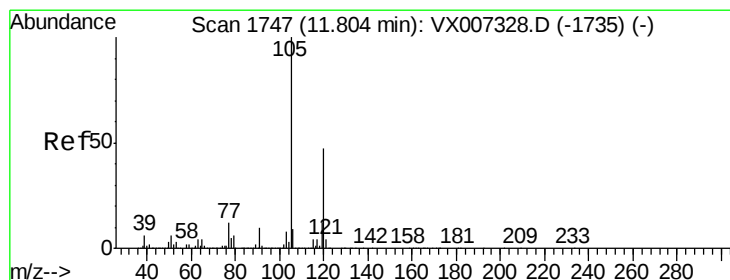
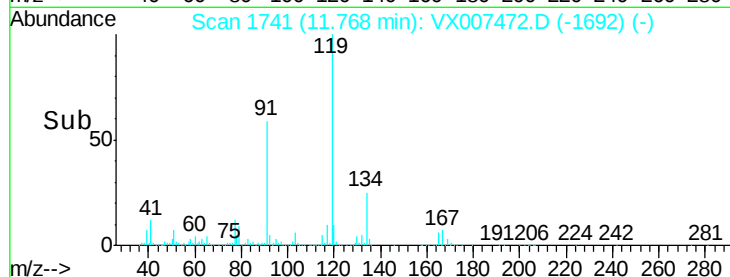
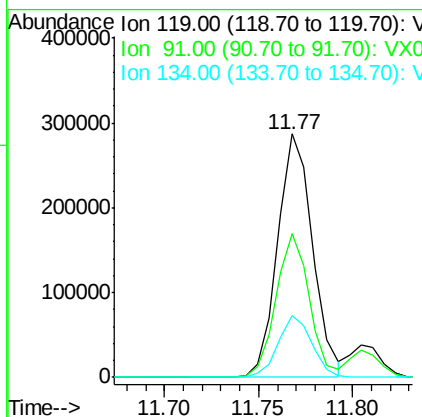
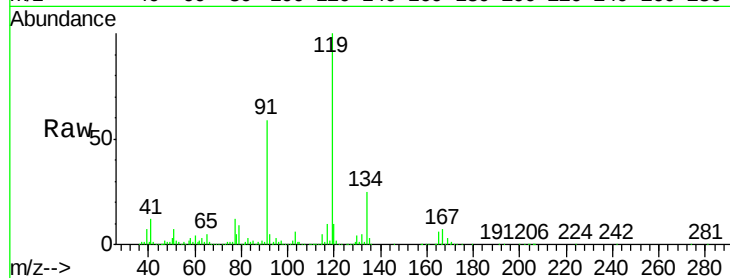
ClientSampleId :

VX0211WBSD01

Tot Ion:	119	Resp:	368995
Ion Ratio	Lower	Upper	
119	100		
91	56.6	28.5	85.6
134	24.4	12.0	36.0

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 20.329 ug/l

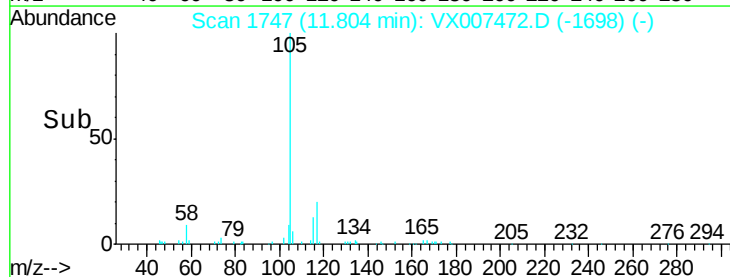
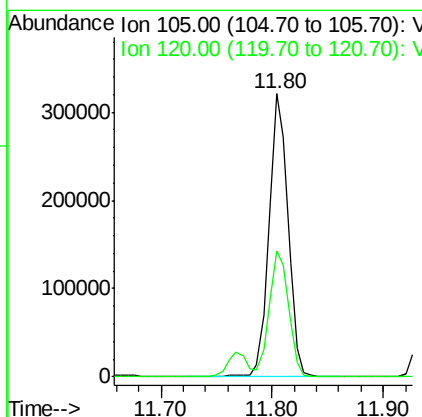
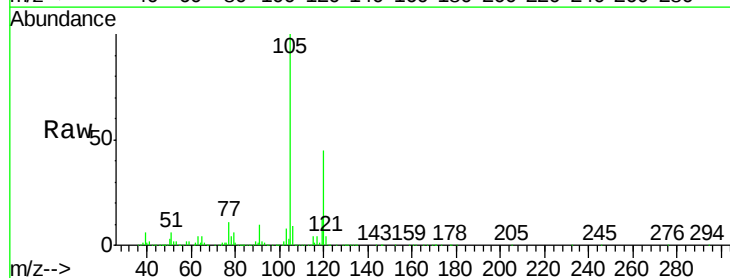
RT: 11.80 min Scan# 1747

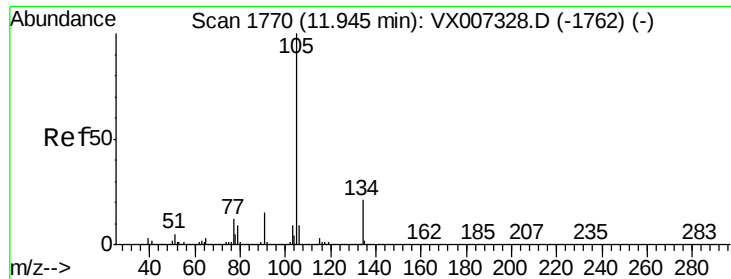
Delta R.T. 0.00 min

Lab File: VX007472.D

Acq: 11 Feb 2019 17:06

Tgt Ion:	105	Resp:	385201
Ion Ratio	Lower	Upper	
105	100		
120	45.0	23.1	69.3





#85

sec-Butylbenzene

Concen: 20.003 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007472.D

Acq: 11 Feb 2019 17:06

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBSD01

Tot Ion:105 Resp: 447366

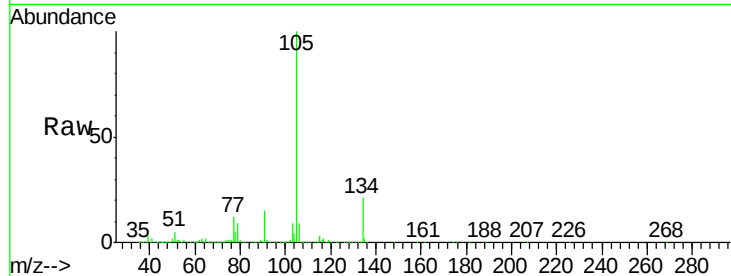
Ion Ratio Lower Upper

105 100

134 20.7 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

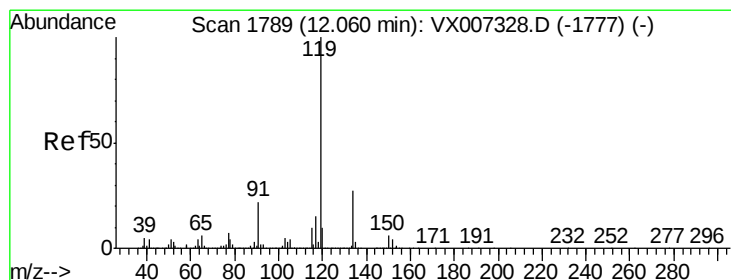
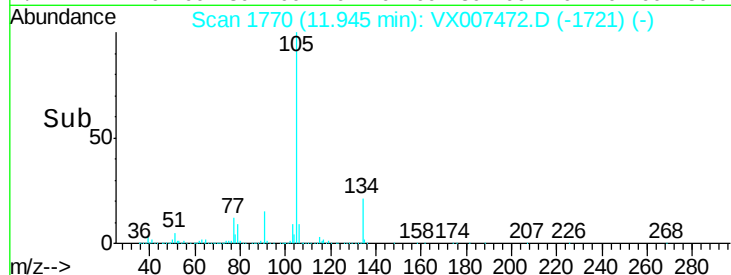
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.789 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007472.D

Acq: 11 Feb 2019 17:06

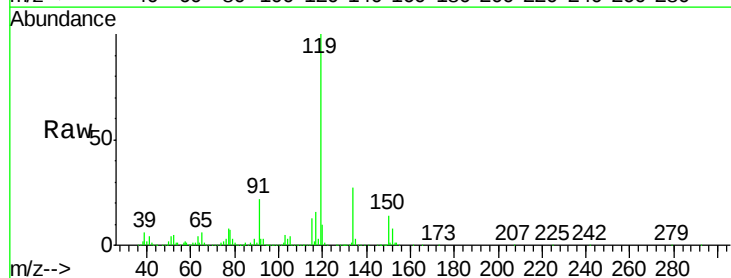
Tgt Ion:119 Resp: 399526

Ion Ratio Lower Upper

119 100

134 27.2 13.7 41.1

91 22.4 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

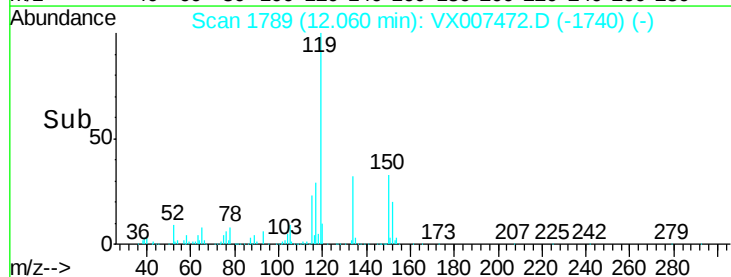
300000

200000

100000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 19.028 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX007472.D

Acq: 11 Feb 2019 17:06

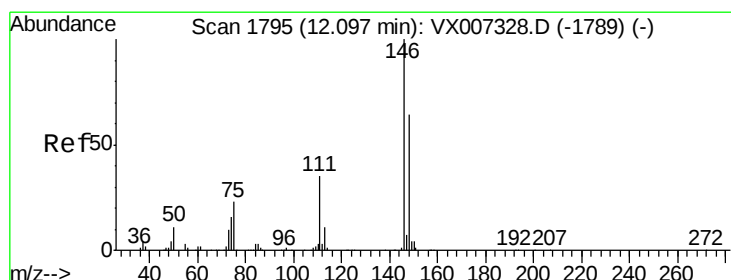
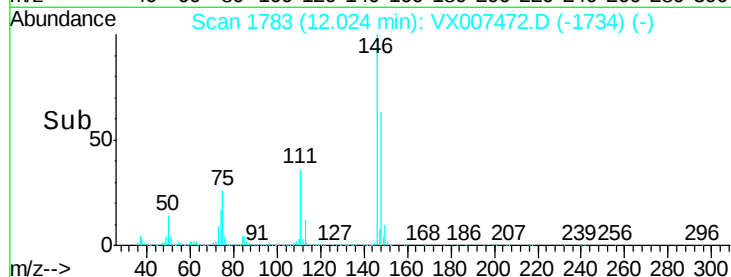
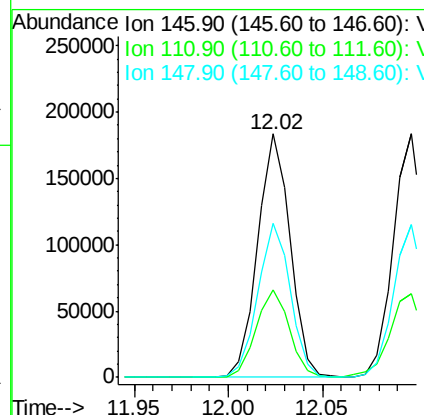
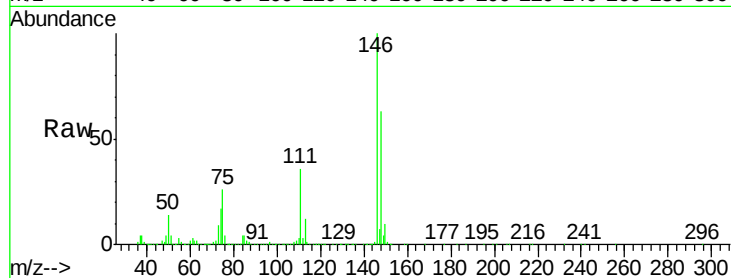
Instrument :
MSVOA_X

ClientSampleId :
VX0211WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	219500		
111	36.6	18.1	54.1	
148	63.2	32.0	96.2	

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 18.876 ug/l

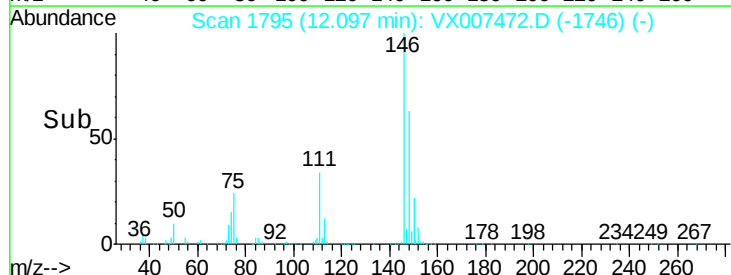
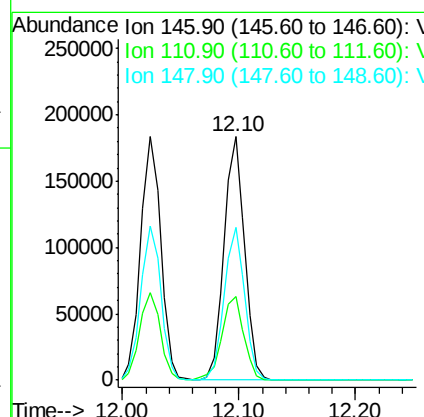
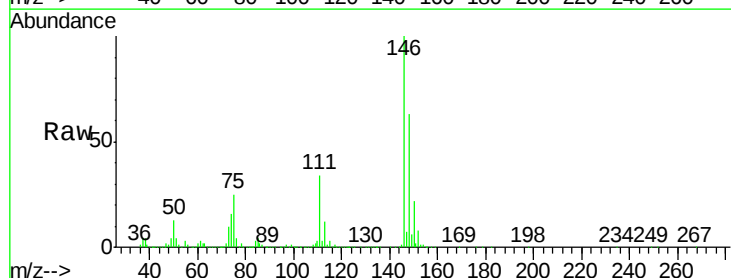
RT: 12.10 min Scan# 1795

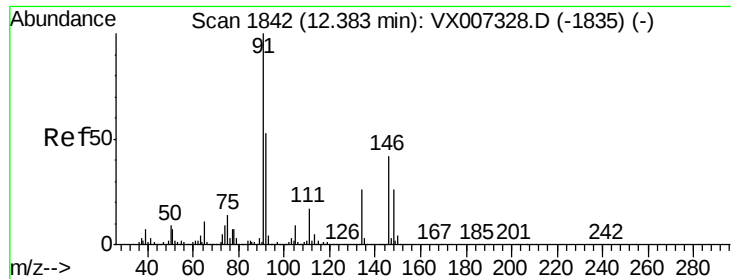
Delta R.T. 0.00 min

Lab File: VX007472.D

Acq: 11 Feb 2019 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	220924		
111	37.0	18.1	54.1	
148	62.7	32.3	96.9	





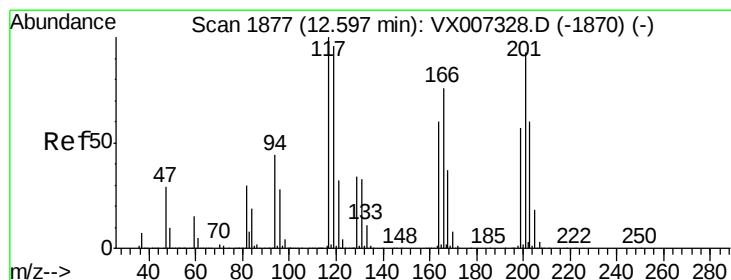
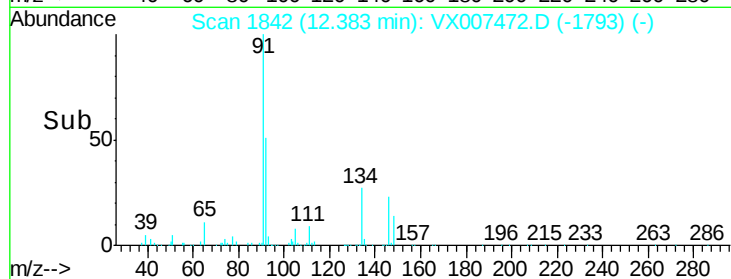
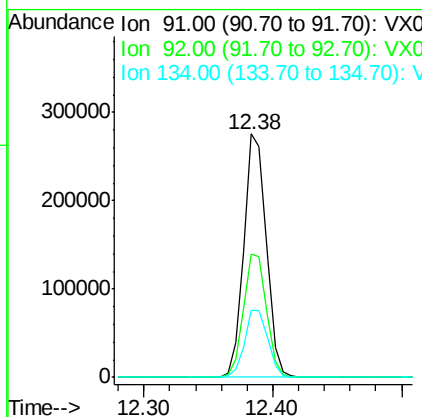
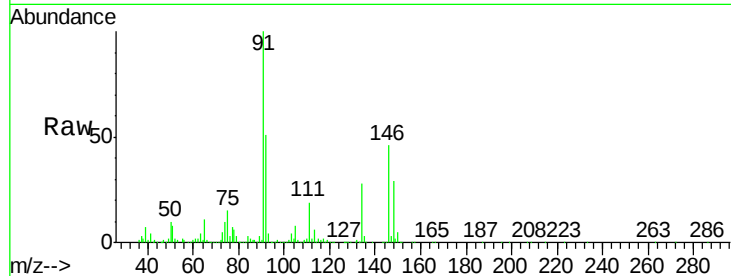
#89
n-Butylbenzene
Concen: 19.007 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX007472.D
Acq: 11 Feb 2019 17:06

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.3	78.9
134	28.5	13.9	41.6

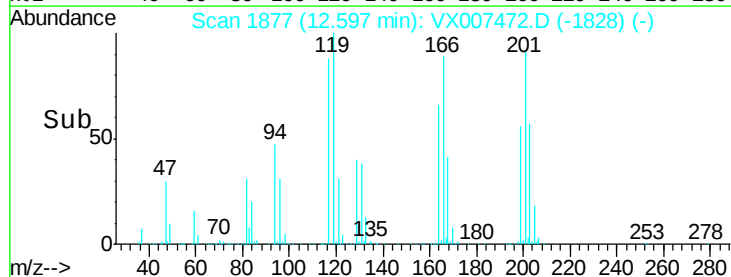
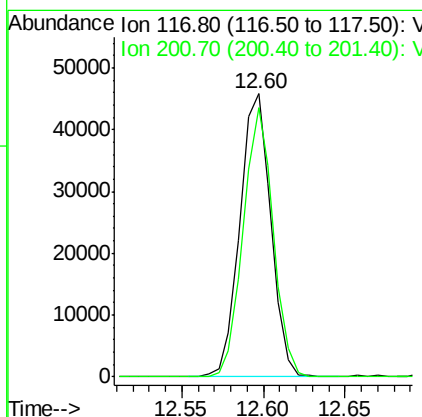
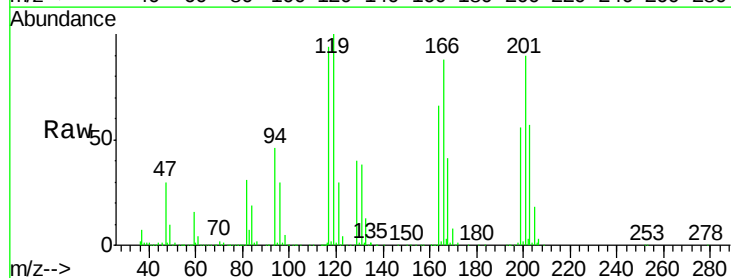
Manual Integrations
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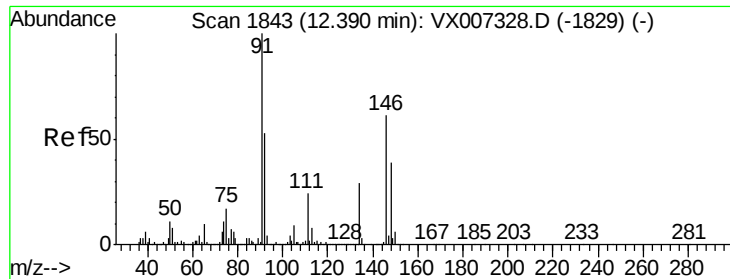
MMDadoda
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#90
Hexachloroethane
Concen: 20.064 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007472.D
Acq: 11 Feb 2019 17:06

Tgt Ion	Ratio	Lower	Upper
117	100		
201	92.1	44.9	134.7





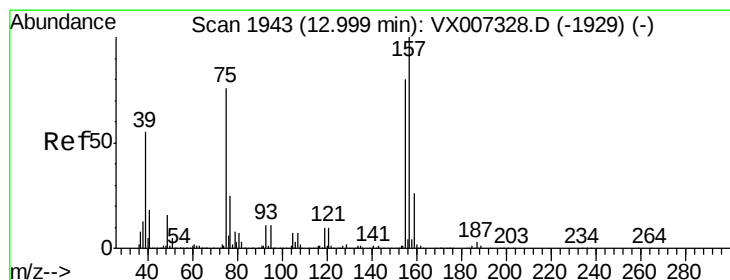
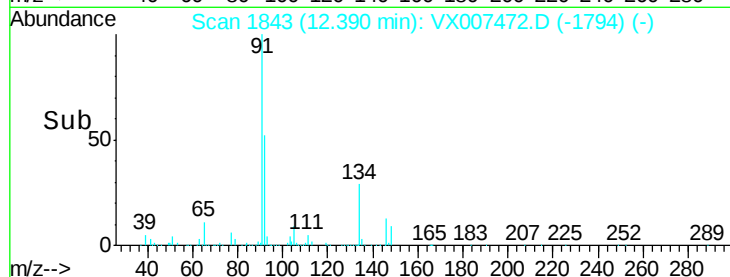
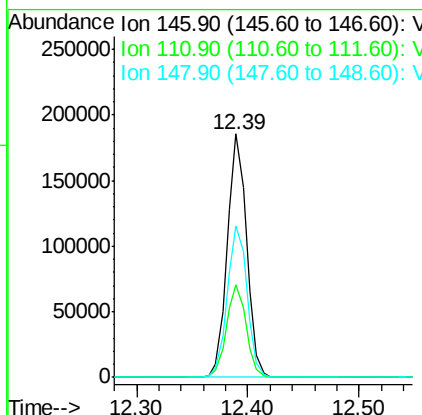
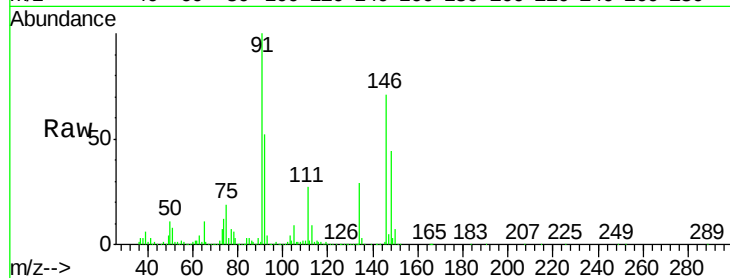
#91
 1,2-Dichlorobenzene
 Concen: 19.395 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007472.D
 Acq: 11 Feb 2019 17:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0211WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.1	57.3
148	63.7	32.1	96.3

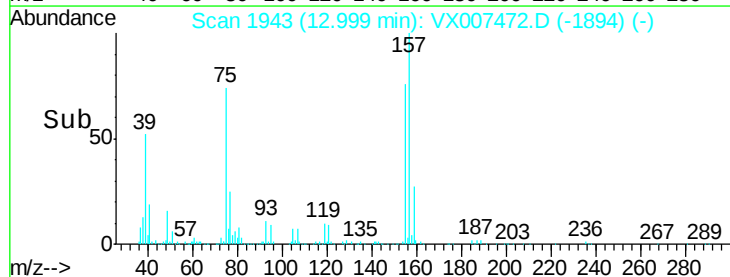
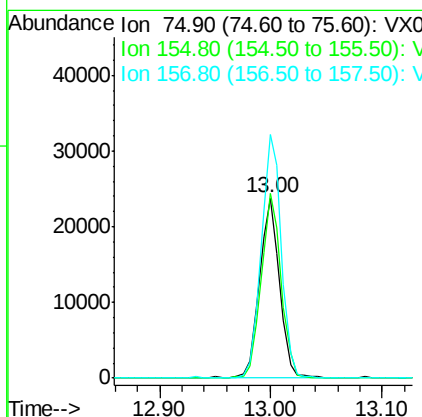
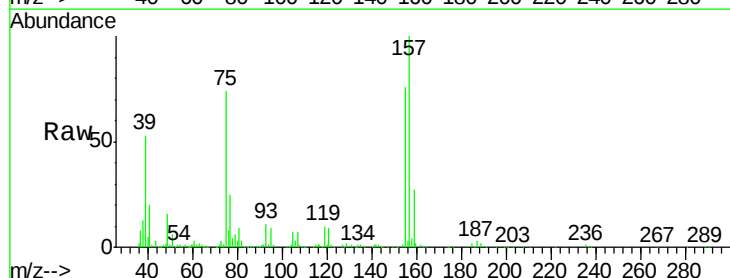
Manual Integrations
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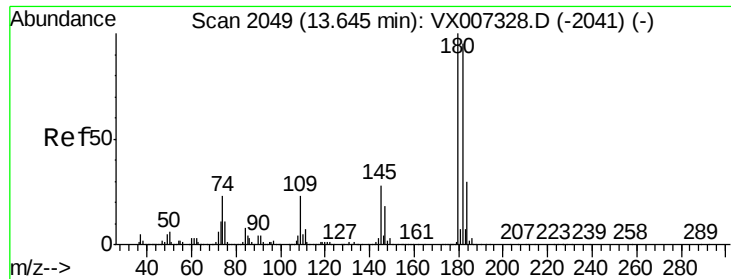
MMDadoda
 2/12/2019 12:15:46 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.888 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007472.D
 Acq: 11 Feb 2019 17:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.3	49.6	149.0
157	134.4	65.1	195.3





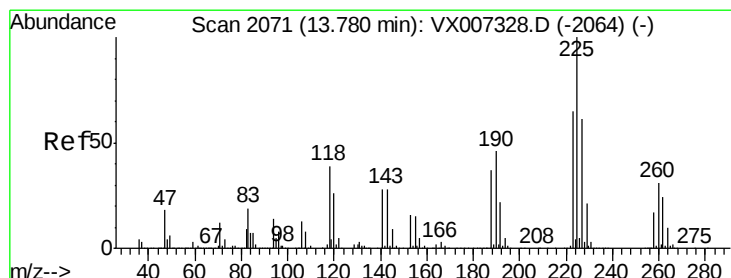
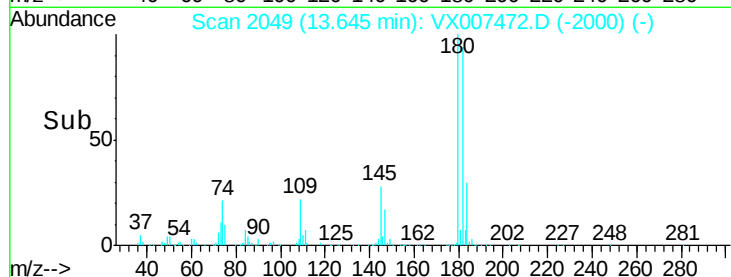
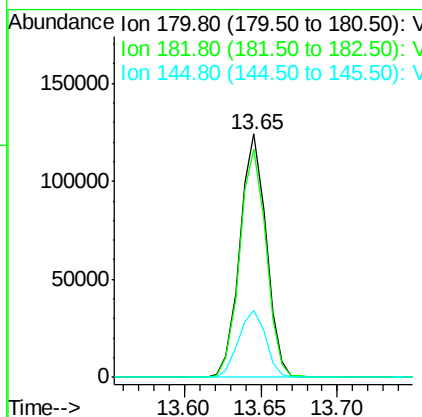
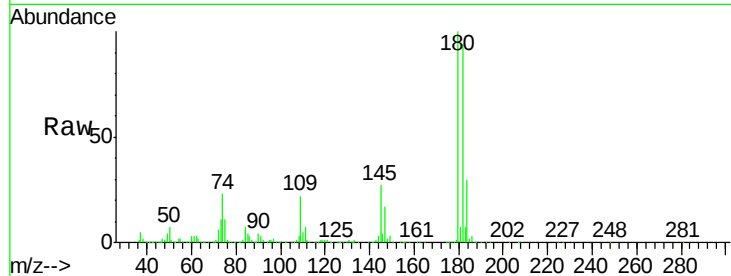
#93
 1,2,4-Trichlorobenzene
 Concen: 19.212 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007472.D
 Acq: 11 Feb 2019 17:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0211WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	148748		
182	93.9	47.8	143.3	
145	28.4	14.1	42.2	

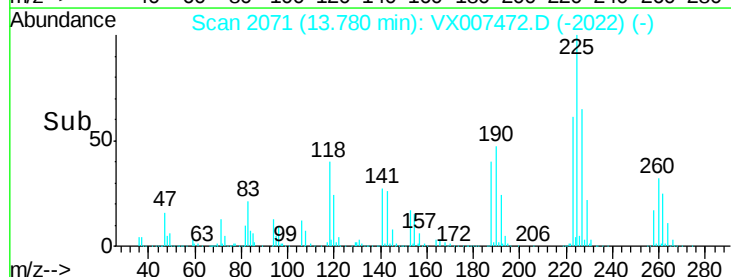
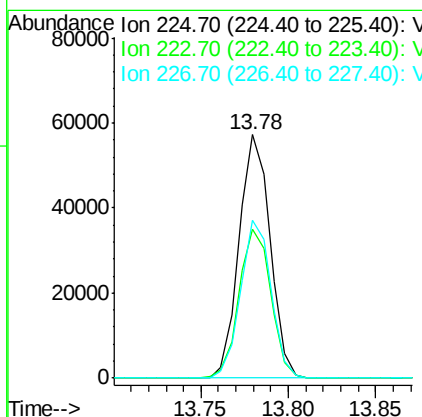
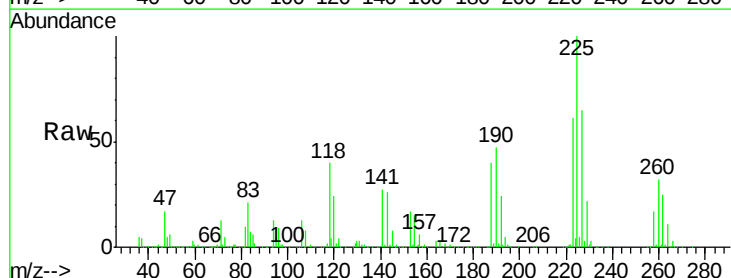
Manual Integrations
 APPROVED

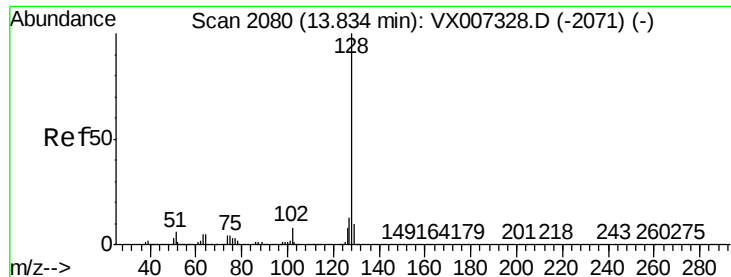
MMDadoda
 2/12/2019 12:15:46 PM



#94
 Hexachlorobutadiene
 Concen: 18.810 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007472.D
 Acq: 11 Feb 2019 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	70715		
223	62.7	31.6	94.8	
227	63.6	32.1	96.3	





#95

Naphthalene

Concen: 20.880 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007472.D

Acq: 11 Feb 2019 17:06

Instrument :

MSVOA_X

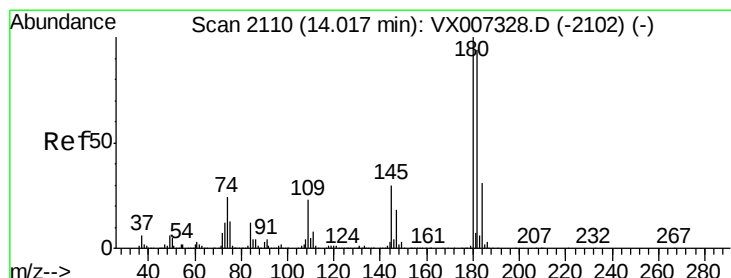
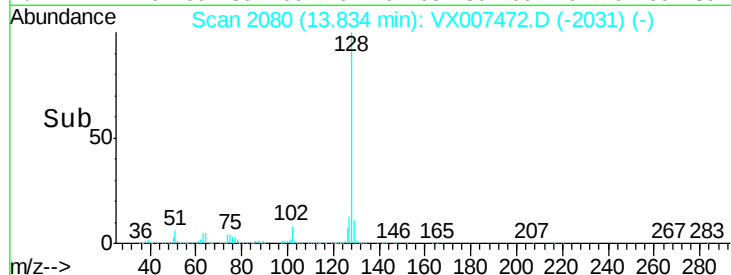
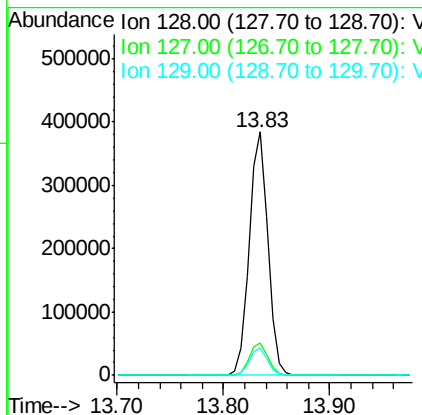
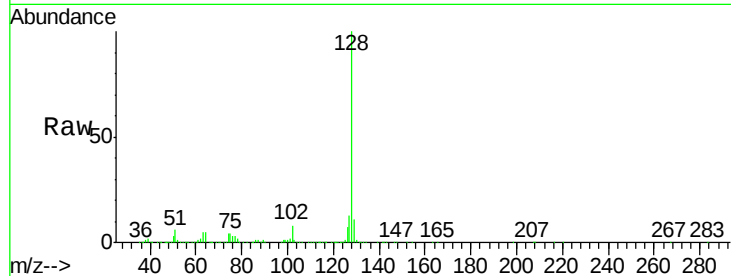
ClientSampleId :

VX0211WBSD01

Tot Ion:	128	Resp:	472733
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.5	15.7
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
2/12/2019 12:15:46 PM



#96

1,2,3-Trichlorobenzene

Concen: 18.951 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007472.D

Acq: 11 Feb 2019 17:06

Tgt Ion:	180	Resp:	147688
Ion Ratio	Lower	Upper	
180	100		
182	96.0	47.5	142.6
145	30.4	14.9	44.5

