

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020519\
 Data File : VX007373.D
 Acq On : 05 Feb 2019 13:38
 Operator : JC/SP
 Sample : VX0205WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0205WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/6/2019 9:29:53 AM

Quant Time: Feb 06 00:59:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	441153	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	658125	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	613637	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	314894	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	240113	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	
35) Dibromofluoromethane	5.50	113	213751	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
50) Toluene-d8	8.71	98	815537	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	
62) 4-Bromofluorobenzene	11.13	95	284949	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	109973	20.392	ug/l	96
3) Chloromethane	1.32	50	101088	20.344	ug/l	98
4) Vinyl Chloride	1.41	62	102057	20.936	ug/l	100
5) Bromomethane	1.64	94	100217	20.502	ug/l	96
6) Chloroethane	1.70	64	76310	24.199	ug/l	98
7) Trichlorofluoromethane	1.92	101	154218	20.223	ug/l	95
8) Diethyl Ether	2.19	74	59122	20.599	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	88310	19.469	ug/l	99
10) Methyl Iodide	2.51	142	130110	19.499	ug/l	99
11) Tert butyl alcohol	3.09	59	98863	102.021	ug/l	97
12) 1,1-Dichloroethene	2.37	96	81543	19.359	ug/l	98
13) Acrolein	2.30	56	49388	108.686	ug/l	99
14) Allyl chloride	2.73	41	137950	20.100	ug/l	98
15) Acrylonitrile	3.15	53	251728	105.009	ug/l	99
16) Acetone	2.45	43	211435	98.575	ug/l	99
17) Carbon Disulfide	2.57	76	192170	18.828	ug/l	97
18) Methyl Acetate	2.78	43	134617	24.395	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	278779	20.429	ug/l	99
20) Methylene Chloride	2.85	84	94946	21.447	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	87437	19.487	ug/l	97
22) Diisopropyl ether	3.87	45	253702	20.096	ug/l	98
23) Vinyl Acetate	3.82	43	1007763	96.198	ug/l	99
24) 1,1-Dichloroethane	3.70	63	142732	19.688	ug/l	99
25) 2-Butanone	4.70	43	311249	101.966	ug/l	99
26) 2,2-Dichloropropane	4.59	77	98035	17.756	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	92290	18.831	ug/l	99
28) Bromochloromethane	5.02	49	64769	19.427	ug/l	95
29) Tetrahydrofuran	5.15	42	205782	107.189	ug/l	100
30) Chloroform	5.21	83	148511	19.631	ug/l	99
31) Cyclohexane	5.57	56	124893	19.181	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	127211	19.921	ug/l	97
36) 1,1-Dichloropropene	5.80	75	109036	18.465	ug/l	99
37) Ethyl Acetate	4.86	43	118164	19.796	ug/l	99
38) Carbon Tetrachloride	5.78	117	106861	18.654	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	135208	18.925	ug/l	99
40) Benzene	6.14	78	344438	19.802	ug/l	96
41) Methacrylonitrile	5.06	41	65942	20.612	ug/l	98
42) 1,2-Dichloroethane	6.20	62	115632	19.213	ug/l	98
43) Isopropyl Acetate	6.46	43	182425	19.800	ug/l	99
44) Trichloroethene	7.21	130	100575	19.198	ug/l	99
45) 1,2-Dichloropropane	7.51	63	82407	18.909	ug/l	97
46) Dibromomethane	7.66	93	59397	18.752	ug/l	98
47) Bromodichloromethane	7.90	83	101582	18.923	ug/l	98
48) Methyl methacrylate	7.77	41	94729	20.555	ug/l	99
49) 1,4-Dioxane	7.75	88	41880	403.721	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	614695	101.346	ug/l	99
52) Toluene	8.79	92	221312	19.720	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	108991	18.901	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	122384	19.300	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	94125	20.121	ug/l	97
56) Ethyl methacrylate	9.18	69	128431	19.822	ug/l	100
57) 1,3-Dichloropropane	9.37	76	147058	19.767	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	343869	100.692	ug/l	98
59) 2-Hexanone	9.49	43	465651	98.659	ug/l	100
60) Dibromochloromethane	9.58	129	86500	19.551	ug/l	97
61) 1,2-Dibromoethane	9.67	107	98587	19.900	ug/l	98
64) Tetrachloroethene	9.34	164	115414	19.955	ug/l	96
65) Chlorobenzene	10.13	112	253040	18.897	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	87031	19.385	ug/l	99
67) Ethyl Benzene	10.25	91	420534	19.502	ug/l	98
68) m/p-Xylenes	10.36	106	330743	38.584	ug/l	99
69) o-Xylene	10.70	106	158863	19.260	ug/l	98
70) Styrene	10.71	104	256930	19.207	ug/l	99
71) Bromoform	10.86	173	61920	18.487	ug/l	100
73) Isopropylbenzene	11.02	105	426500	19.931	ug/l	98
74) N-amyl acetate	10.90	43	163765	19.786	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	127064	19.484	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	123200m	20.114	ug/l	
77) Bromobenzene	11.26	156	117266	19.450	ug/l	100
78) n-propylbenzene	11.36	91	469950	20.028	ug/l	99
79) 2-Chlorotoluene	11.42	91	280085	19.672	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	348379	19.900	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	30868	18.488	ug/l	91
82) 4-Chlorotoluene	11.51	91	321554	19.518	ug/l	99
83) tert-Butylbenzene	11.77	119	332107	19.161	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	362122	20.374	ug/l	99
85) sec-Butylbenzene	11.94	105	420053	20.023	ug/l	99
86) p-Isopropyltoluene	12.06	119	372302	19.660	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	204591	18.908	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	201824	18.385	ug/l	99
89) n-Butylbenzene	12.39	91	304469	18.690	ug/l	99
90) Hexachloroethane	12.60	117	54332	19.170	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	206221	19.151	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	26796	19.761	ug/l	98

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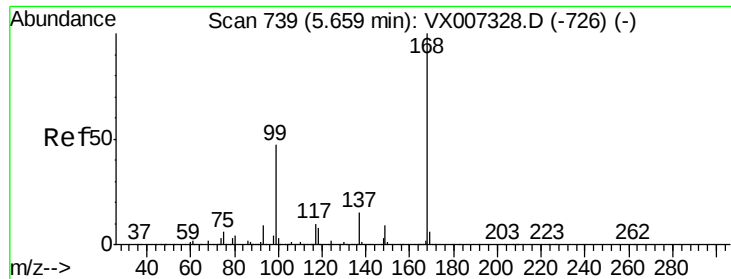
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	137734	18.966	ug/l	100
94) Hexachlorobutadiene	13.78	225	64878	18.398	ug/l	100
95) Naphthalene	13.83	128	435601	20.512	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	139220	19.045	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Instrument :

MSVOA_X

ClientSampled :

VX0205WBSD01

Tot Ion:168 Resp: 441153

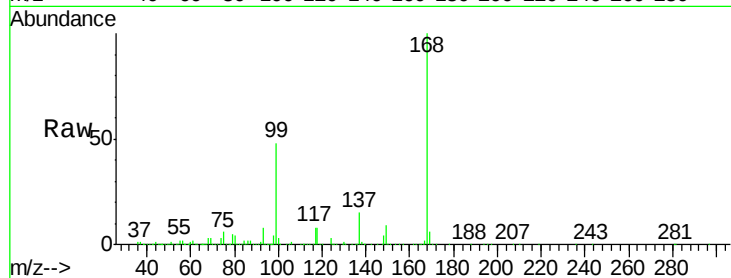
Ion Ratio Lower Upper

168 100

99 48.2 37.9 56.9

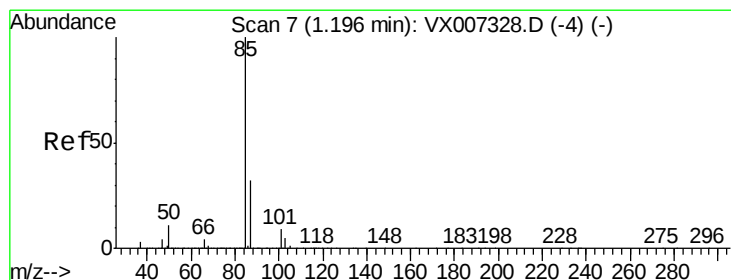
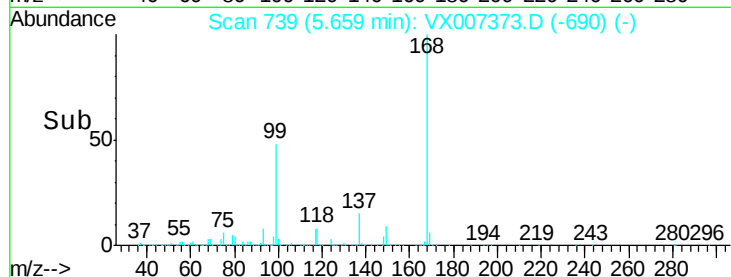
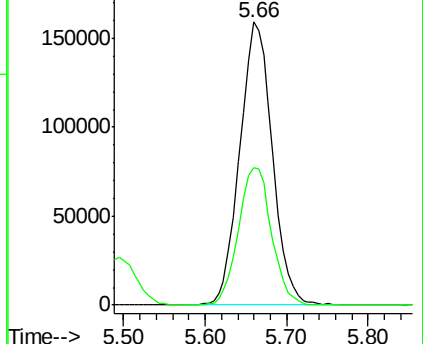
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.392 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007373.D

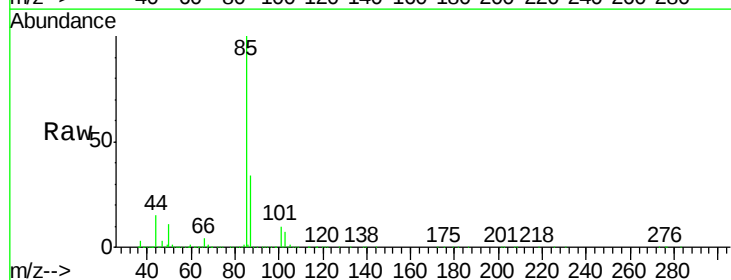
Acq: 05 Feb 2019 13:38

Tgt Ion: 85 Resp: 109973

Ion Ratio Lower Upper

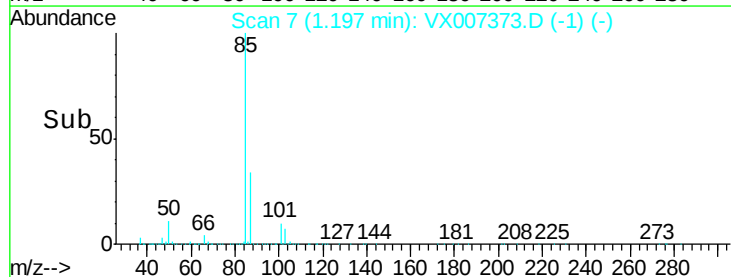
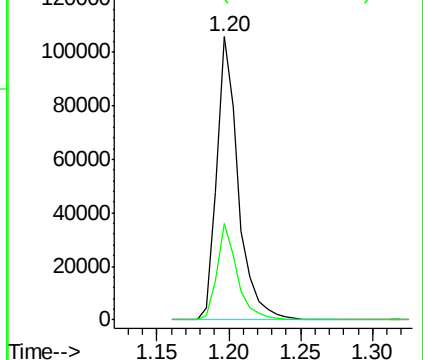
85 100

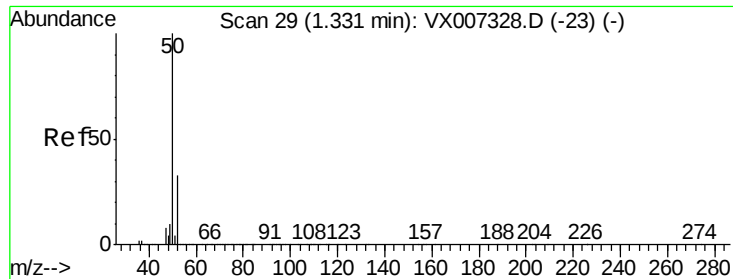
87 34.0 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 20.344 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0205WBSD01

Tot Ion: 50 Resp: 101088

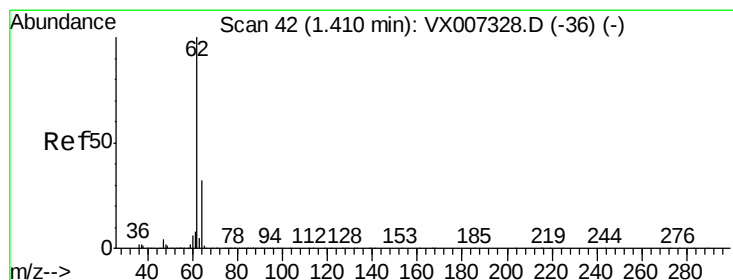
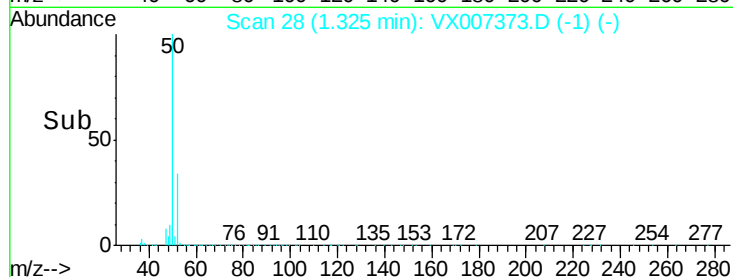
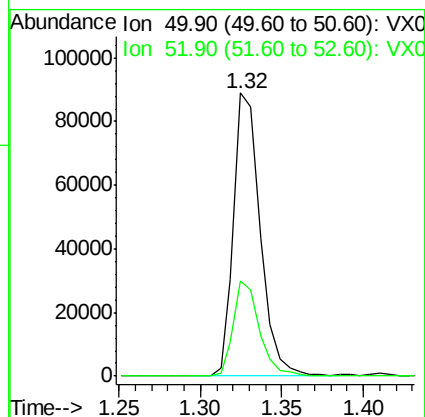
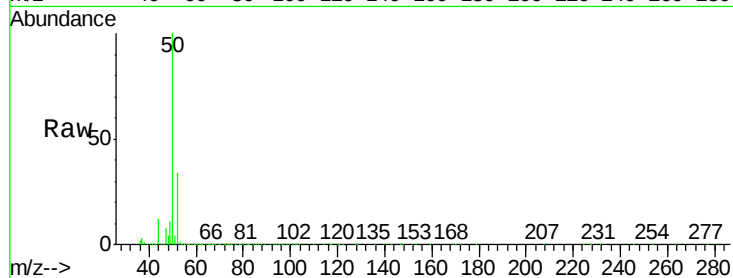
Ion Ratio Lower Upper

50 100

52 33.7 26.1 39.1

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#4

Vinyl Chloride

Concen: 20.936 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007373.D

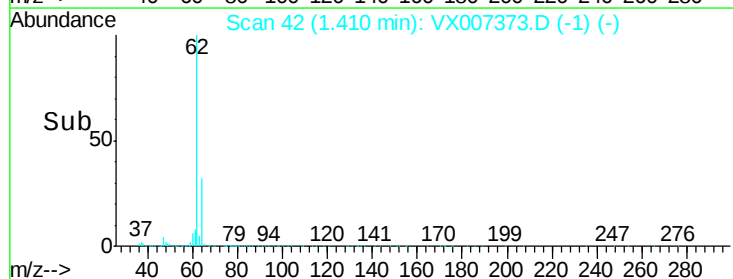
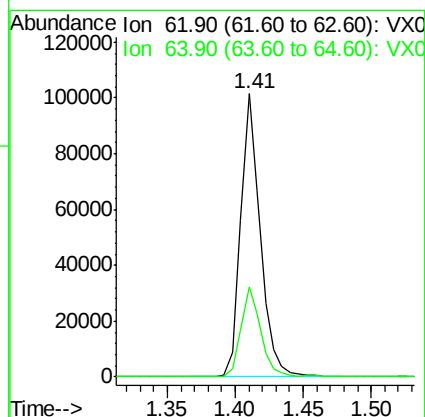
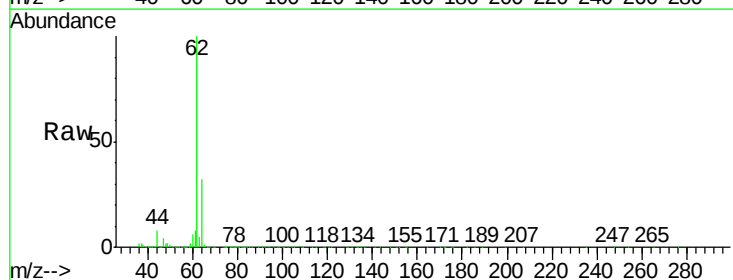
Acq: 05 Feb 2019 13:38

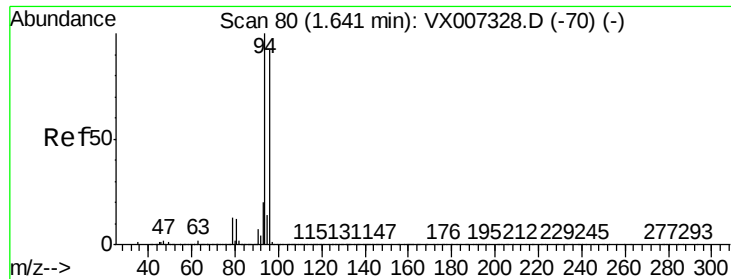
Tgt Ion: 62 Resp: 102057

Ion Ratio Lower Upper

62 100

64 31.9 25.4 38.0





#5

Bromomethane

Concen: 20.502 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0205WBSD01

Tot Ion: 94 Resp: 100217

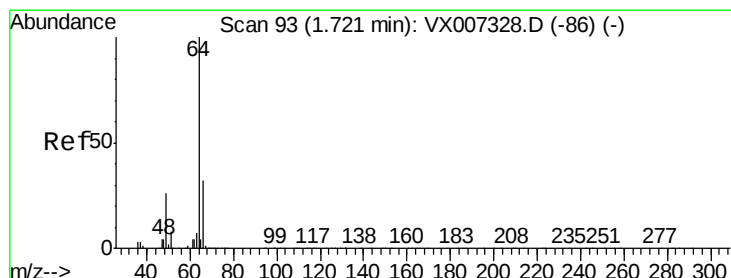
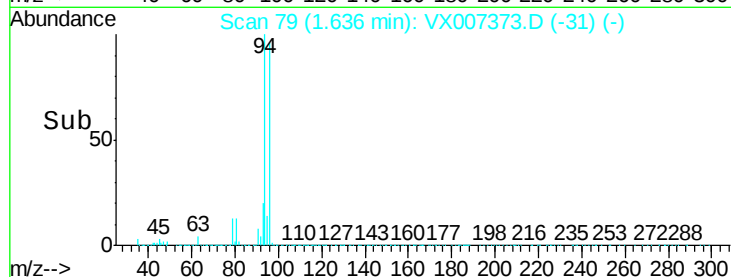
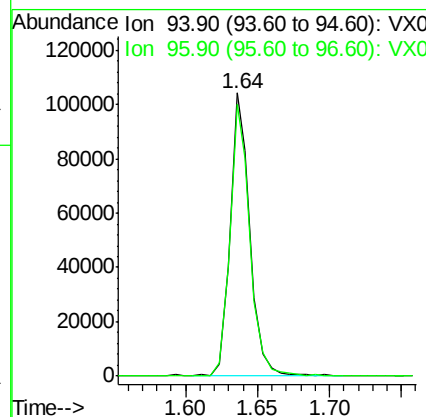
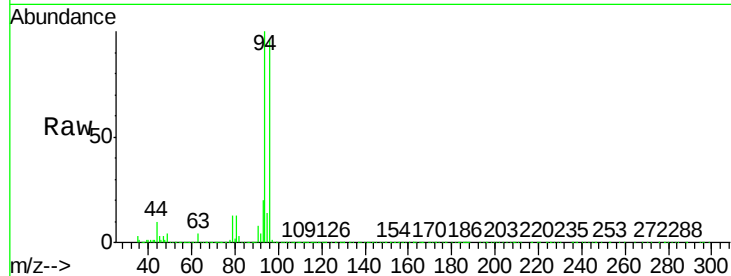
Ion Ratio Lower Upper

94 100

96 96.3 73.9 110.9

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#6

Chloroethane

Concen: 24.199 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.02 min

Lab File: VX007373.D

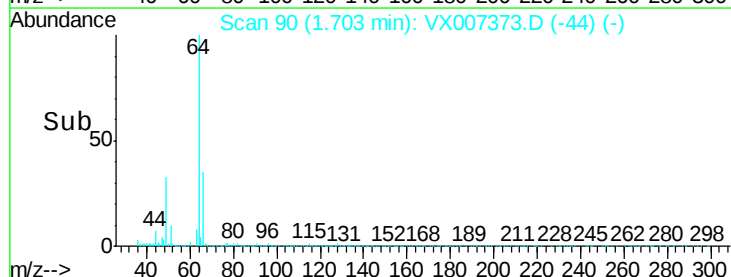
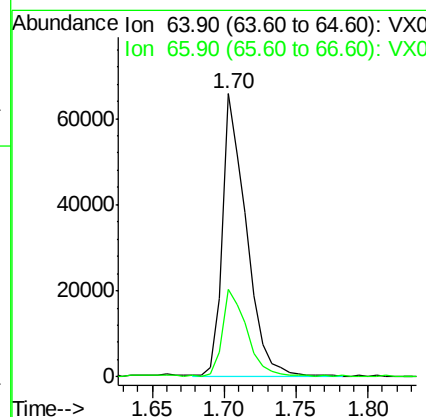
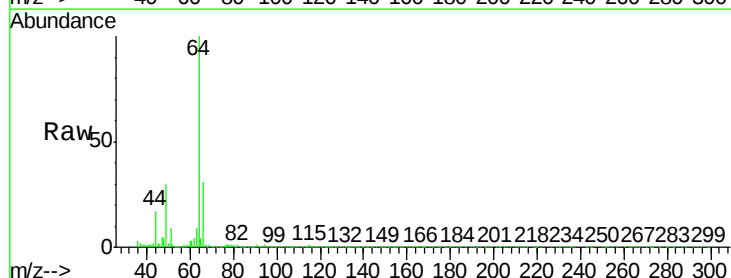
Acq: 05 Feb 2019 13:38

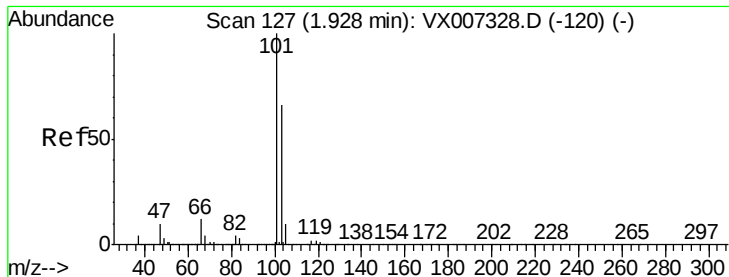
Tgt Ion: 64 Resp: 76310

Ion Ratio Lower Upper

64 100

66 30.6 25.5 38.3





#7

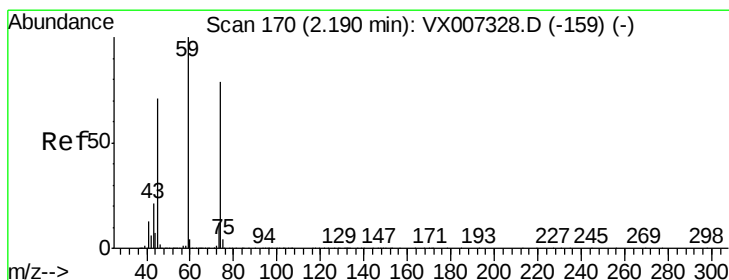
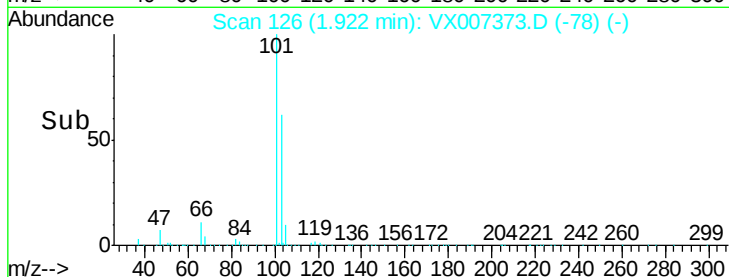
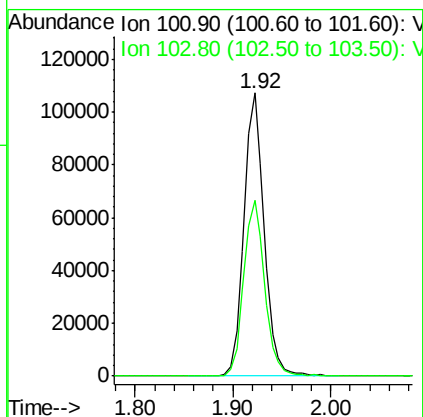
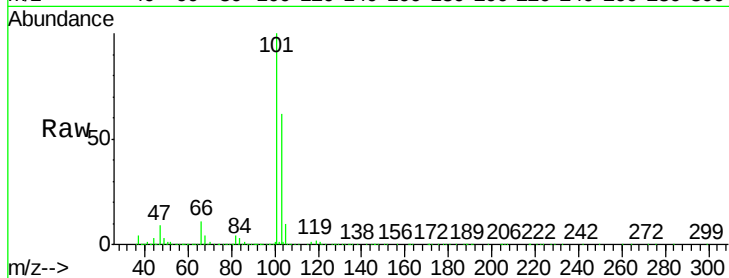
Trichlorofluoromethane
Concen: 20.223 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

Instrument :
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ClientSampleId :
VX0205WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.2	52.6	79.0

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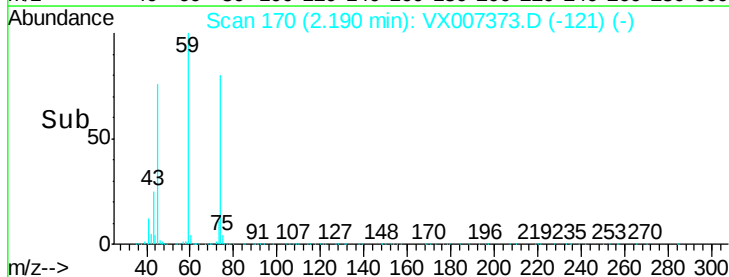
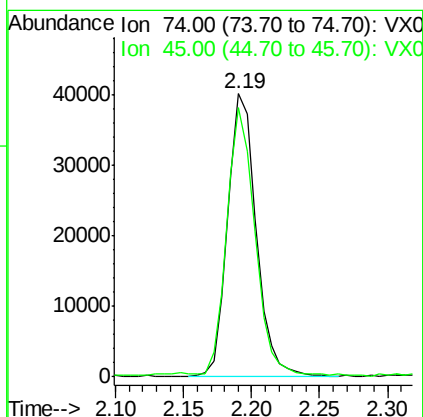
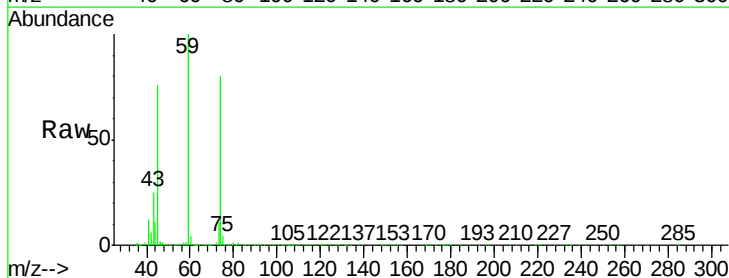
MMDadoda
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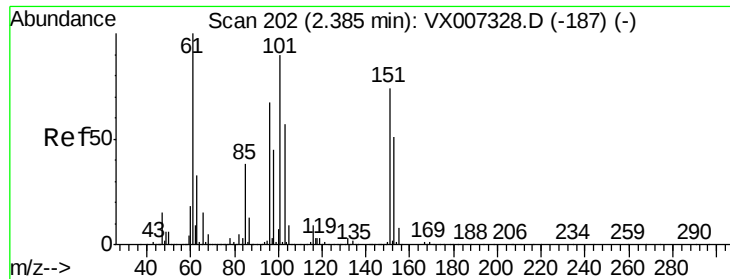


#8

Diethyl Ether
Concen: 20.599 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.3	45.7	137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.469 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Instrument :

MSVOA_X

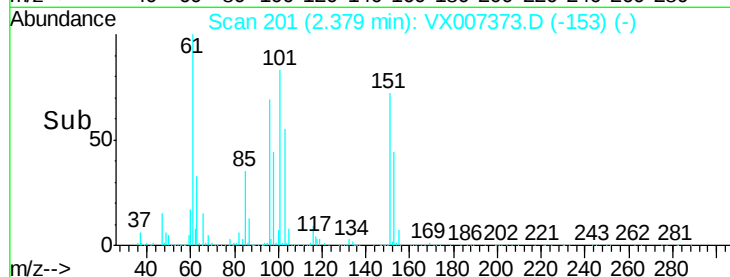
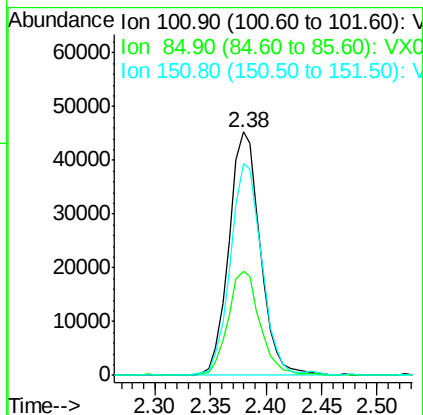
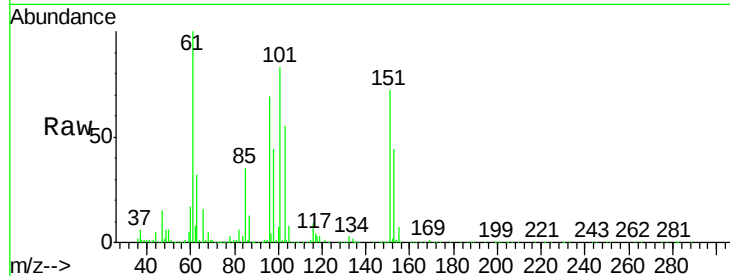
ClientSampleId :

VX0205WBSD01

Tot Ion:	101	Resp:	88310
Ion Ratio	Lower	Upper	
101	100		
85	44.2	34.1	51.1
151	87.0	69.9	104.9

Manual Integrations
APPROVED

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2/6/2019 9:29:53 AM



#10

Methyl Iodide

Concen: 19.499 ug/l

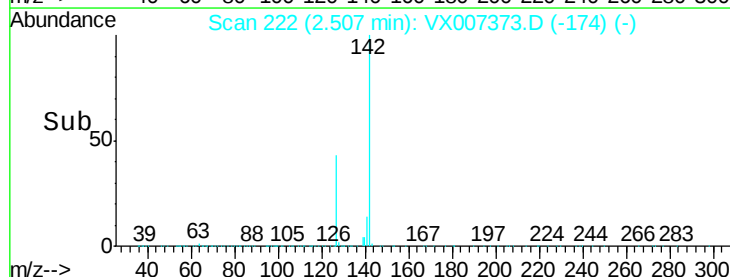
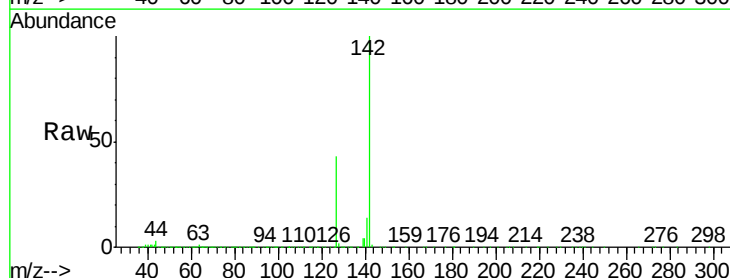
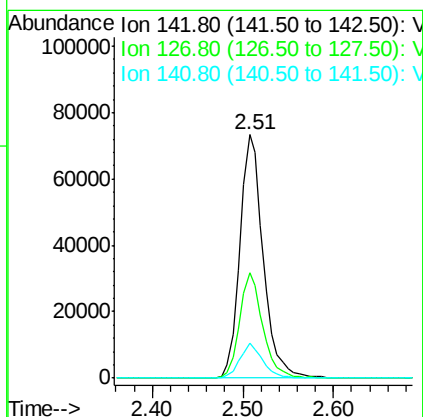
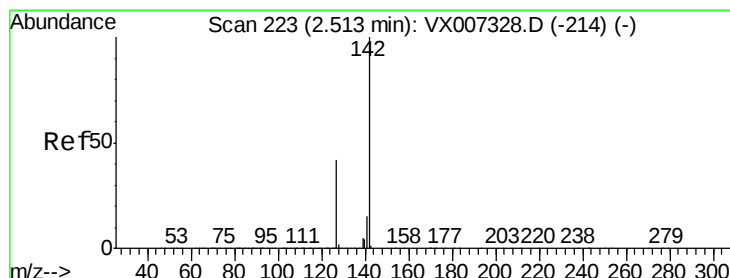
RT: 2.51 min Scan# 222

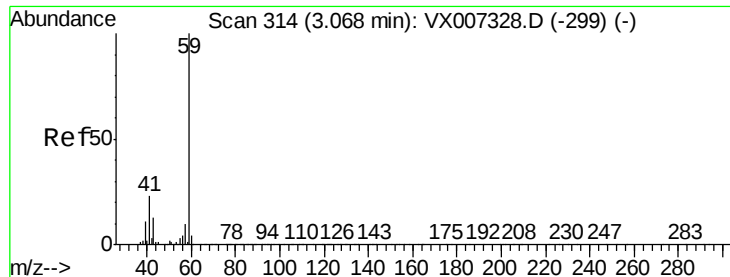
Delta R.T. -0.01 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Tgt Ion:	142	Resp:	130110
Ion Ratio	Lower	Upper	
142	100		
127	43.0	33.7	50.5
141	14.3	11.3	16.9





#11

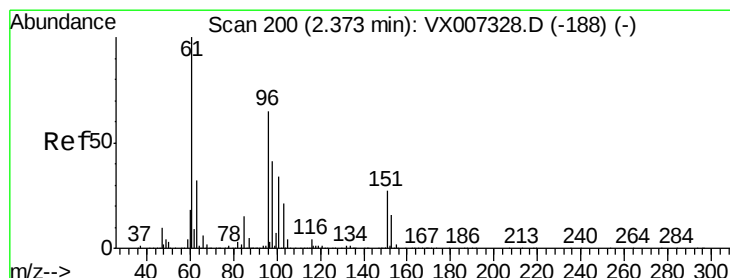
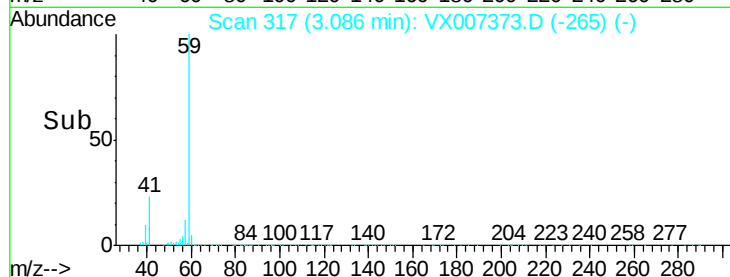
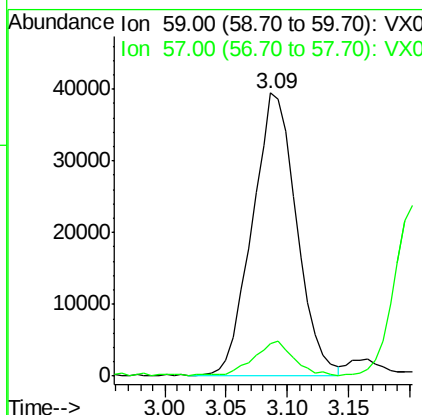
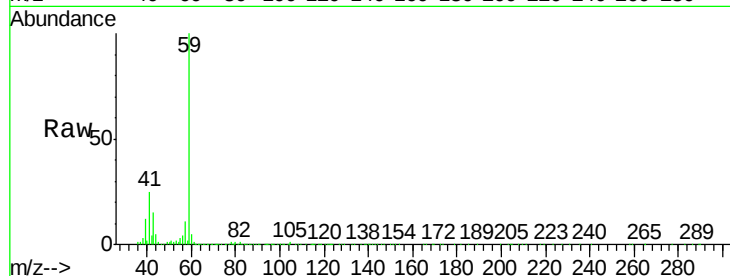
Tert butyl alcohol
 Concen: 102.021 ug/l
 RT: 3.09 min Scan# 317
 Delta R.T. 0.02 min
 Lab File: VX007373.D
 Acq: 05 Feb 2019 13:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0205WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.1	8.1	12.1

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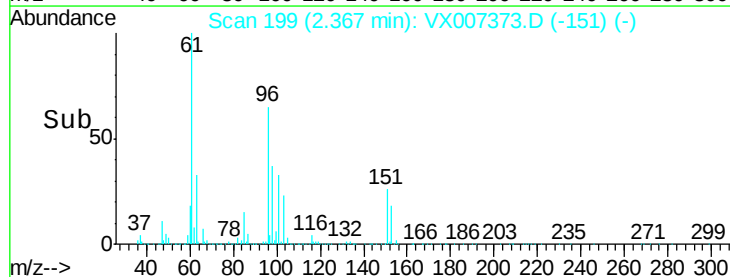
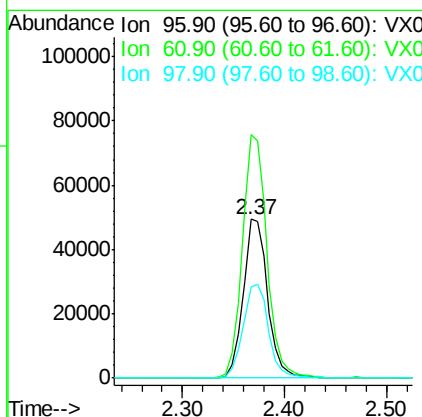
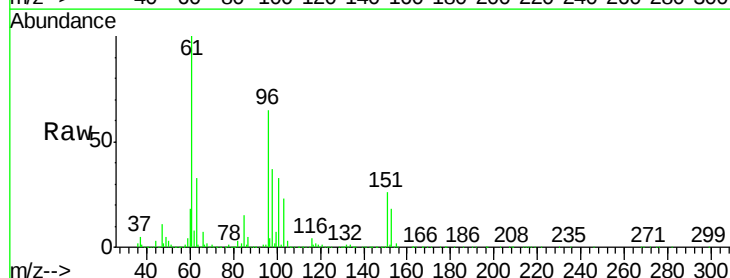
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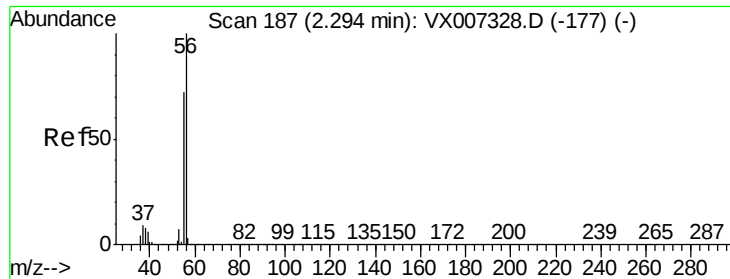


#12

1,1-Dichloroethene
 Concen: 19.359 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX007373.D
 Acq: 05 Feb 2019 13:38

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.5	123.0	184.4
98	57.2	50.9	76.3





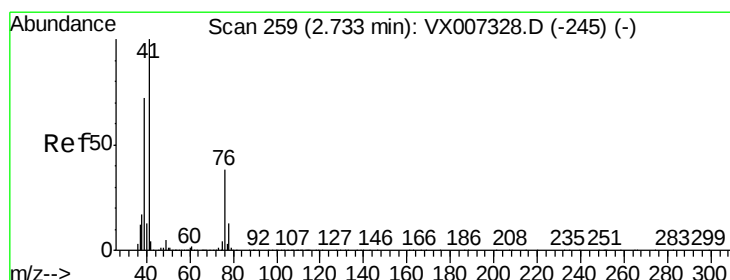
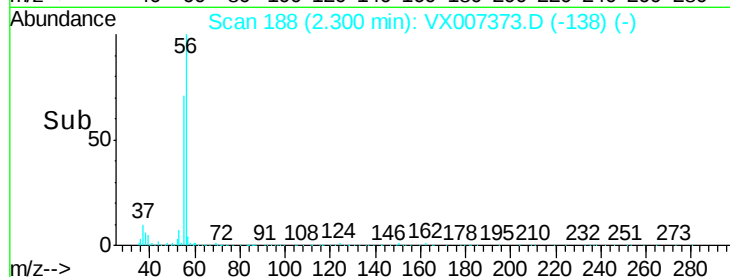
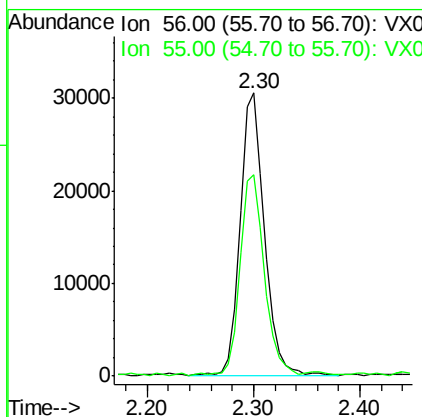
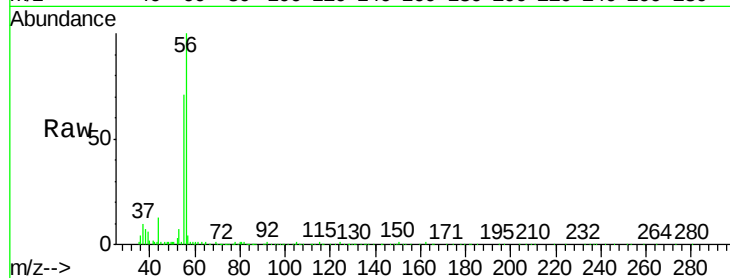
#13
Acrolein
Concen: 108.686 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

Instrument :
MSVOA_X
ClientSampled :
VX0205WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.5	56.9	85.3

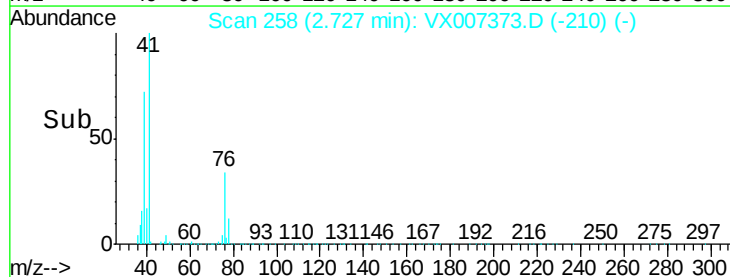
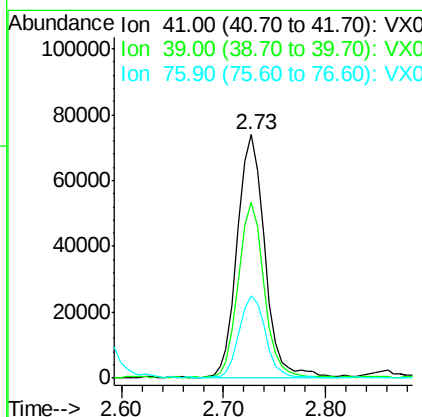
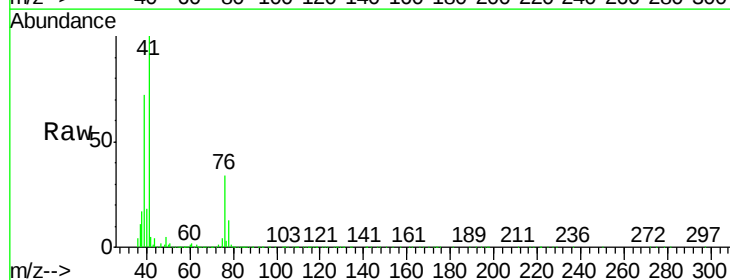
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#14
Allyl chloride
Concen: 20.100 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.01 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

Tgt Ion	Ratio	Lower	Upper
41	100		
39	67.3	54.1	81.1
76	32.4	27.8	41.8





#15

Acrylonitrile

Concen: 105.009 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Instrument :

MSVOA_X

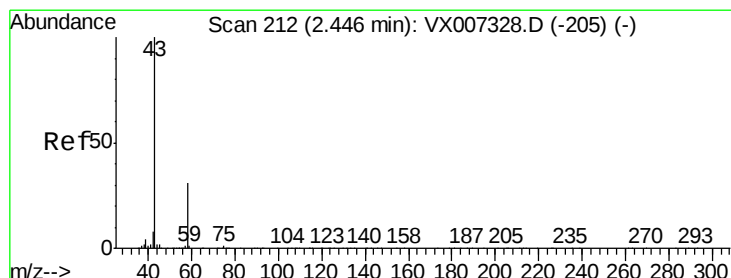
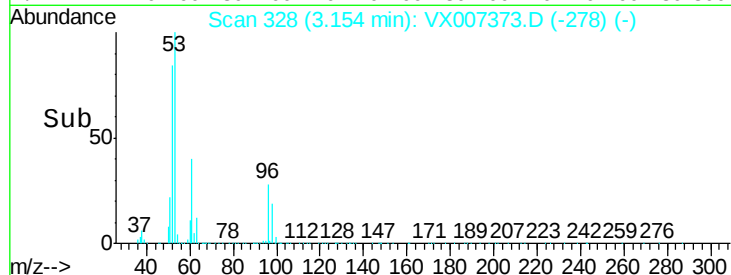
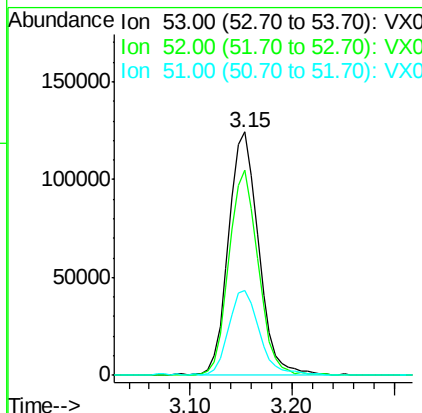
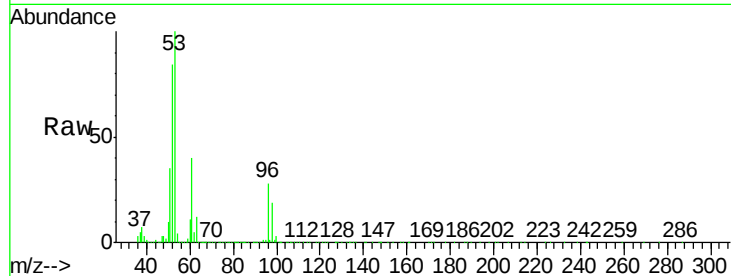
ClientSampleId :

VX0205WBSD01

Tot Ion:	53	Resp:	251728
Ion Ratio	Lower	Upper	
53	100		
52	82.5	66.4	99.6
51	35.8	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 98.575 ug/l

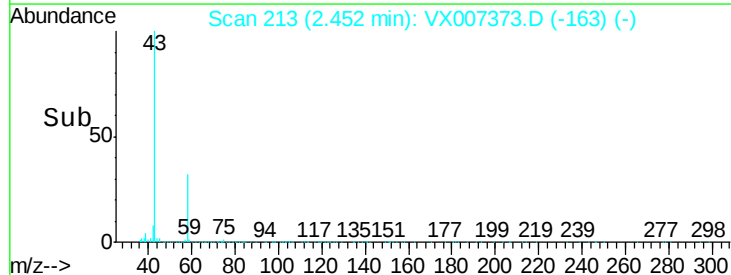
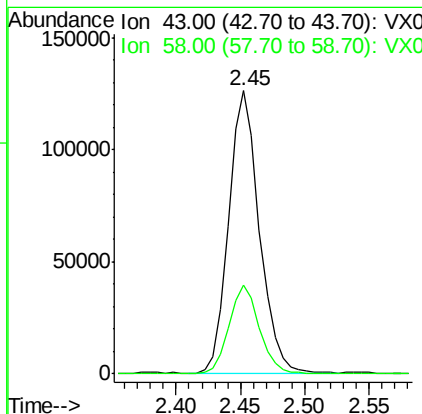
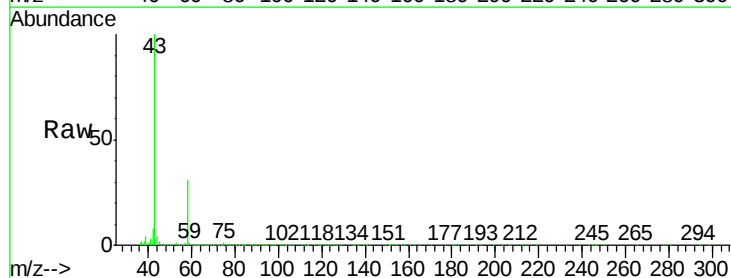
RT: 2.45 min Scan# 213

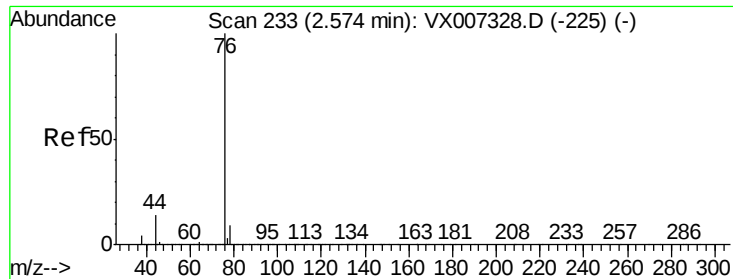
Delta R.T. 0.01 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Tgt Ion:	43	Resp:	211435
Ion Ratio	Lower	Upper	
43	100		
58	31.4	24.9	37.3





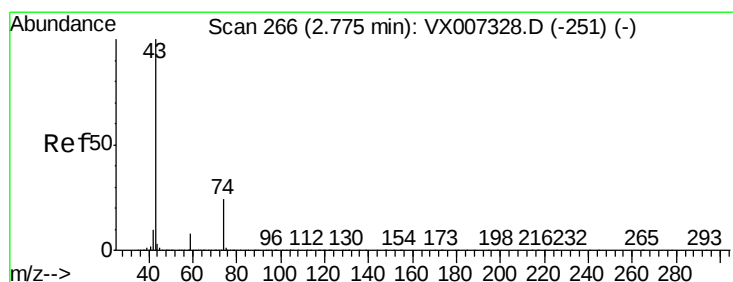
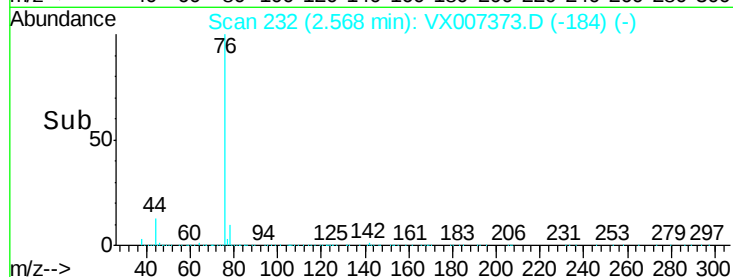
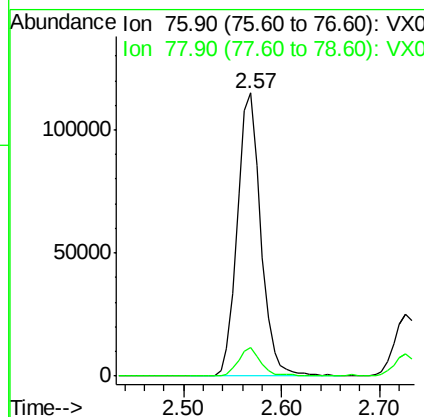
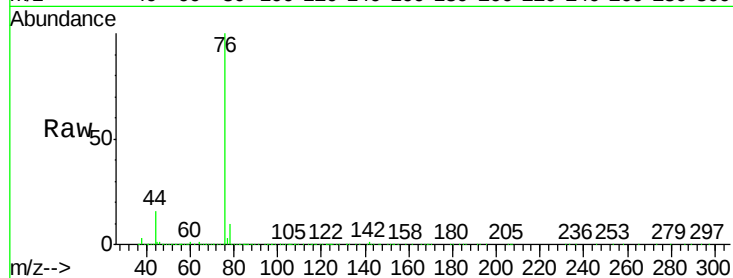
#17
Carbon Disulfide
Concen: 18.828 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.01 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

Instrument :
MSVOA_X
ClientSampled :
VX0205WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.9	7.1	10.7

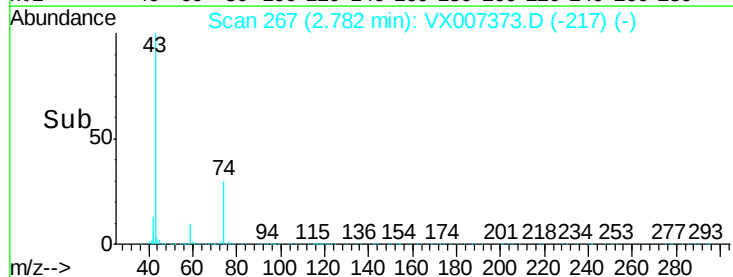
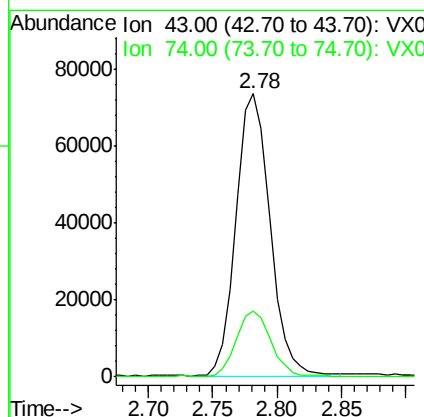
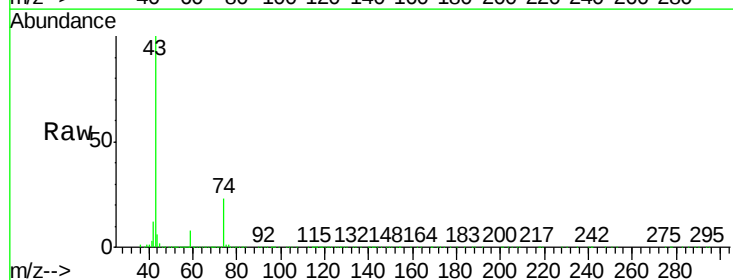
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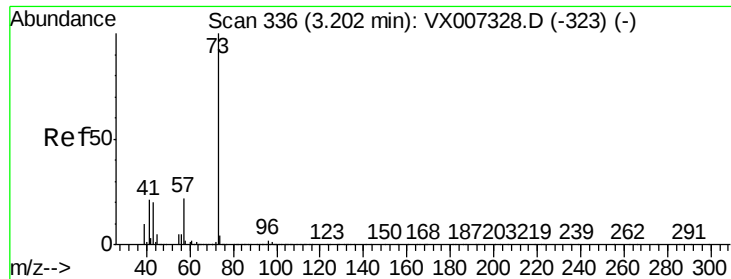
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#18
Methyl Acetate
Concen: 24.395 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	19.4	29.2





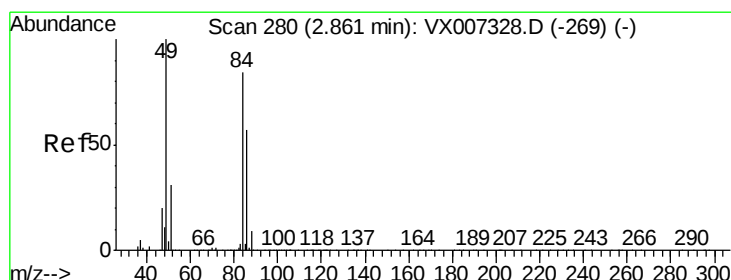
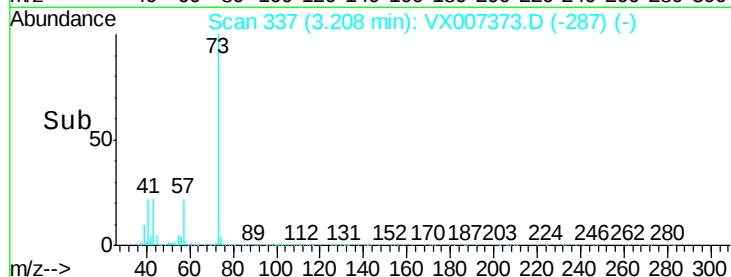
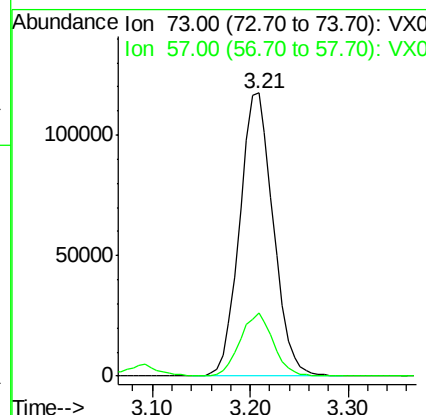
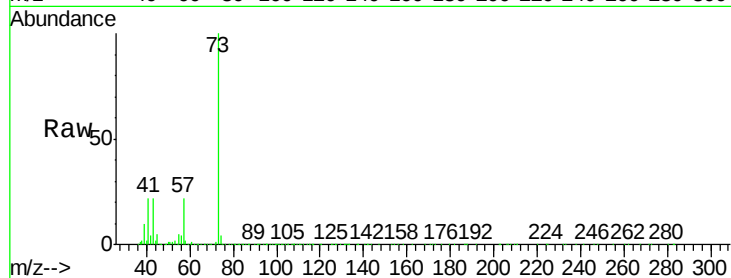
#19
Methvl tert-butvl Ether
Concen: 20.429 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.0	17.8	26.8

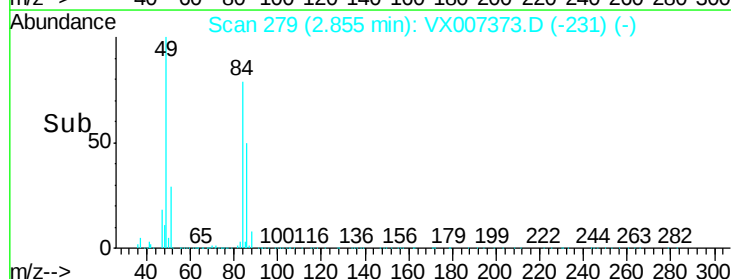
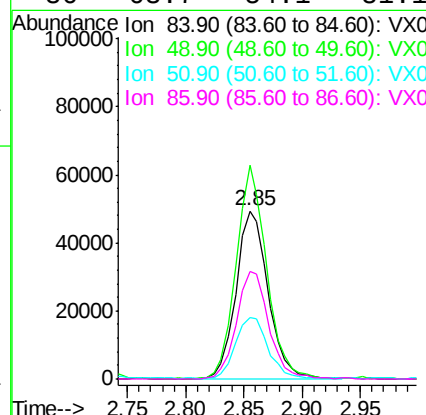
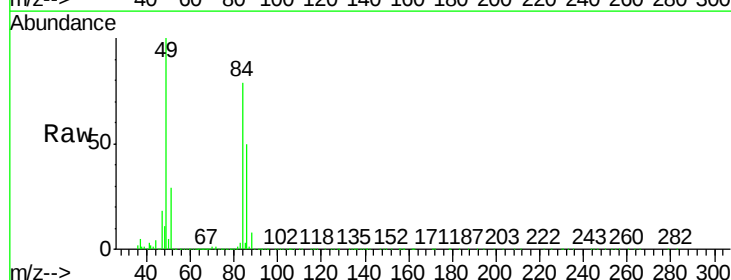
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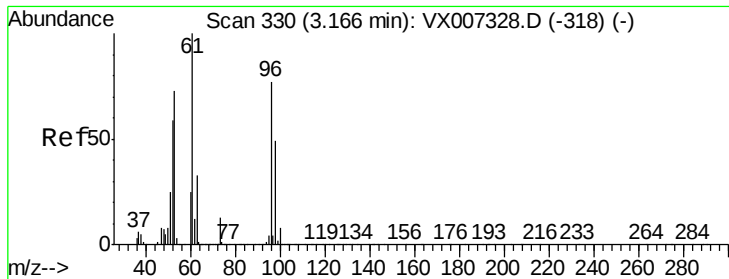
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#20
Methylene Chloride
Concen: 21.447 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.7	94.8	142.2
51	36.2	29.8	44.8
86	63.7	54.1	81.1





#21

trans-1,2-Dichloroethene

Concen: 19.487 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Instrument :

MSVOA_X

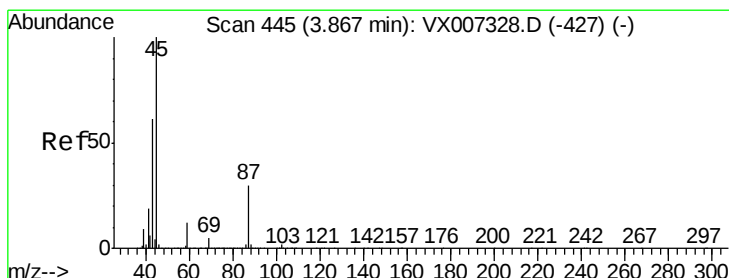
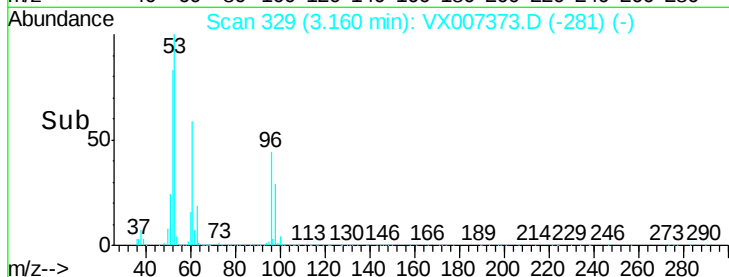
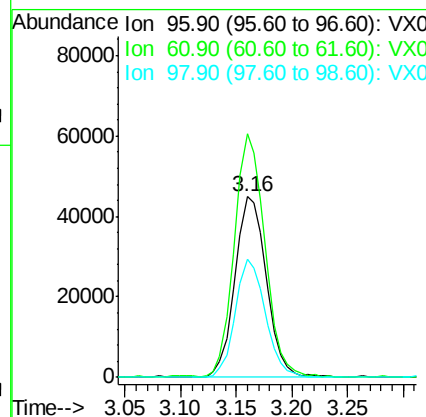
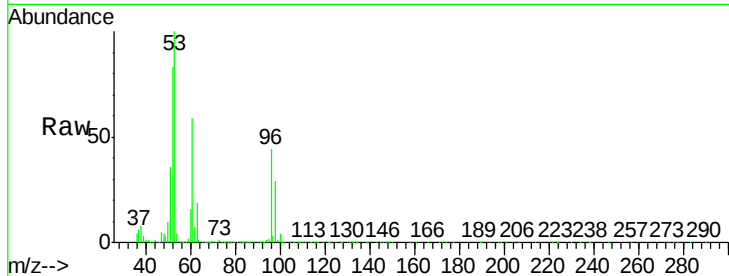
ClientSampleId :

VX0205WBSD01

Tot Ion:	96	Resp:	87437
Ion	Ratio	Lower	Upper
96	100		
61	134.7	104.6	156.8
98	65.2	51.0	76.4

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#22

Diisopropyl ether

Concen: 20.096 ug/l

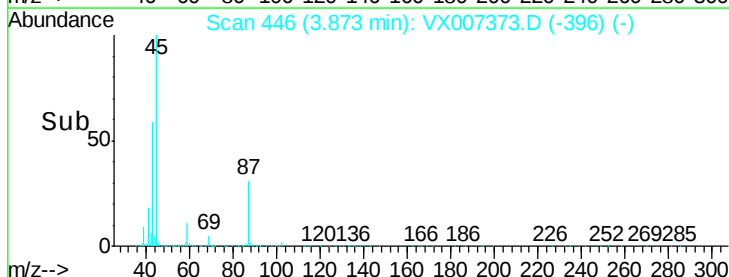
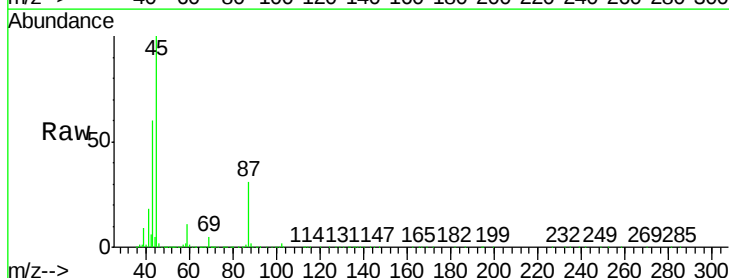
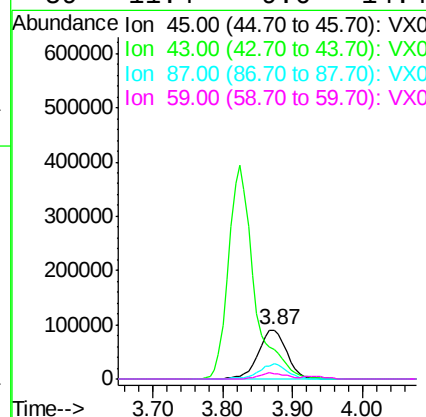
RT: 3.87 min Scan# 446

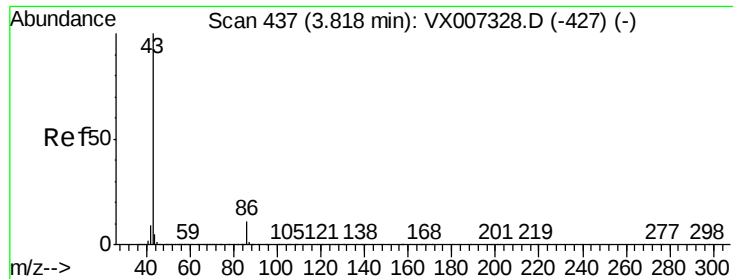
Delta R.T. 0.01 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Tgt Ion:	45	Resp:	253702
Ion	Ratio	Lower	Upper
45	100		
43	59.5	48.9	73.3
87	30.9	23.9	35.9
59	11.4	9.6	14.4





#23

Vinyl Acetate

Concen: 96.198 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Tot Ion: 43 Resp: 1007763

Ion Ratio Lower Upper

43 100

86 10.5 8.7 13.1

Instrument :

MSVOA_X

ClientSampleId :

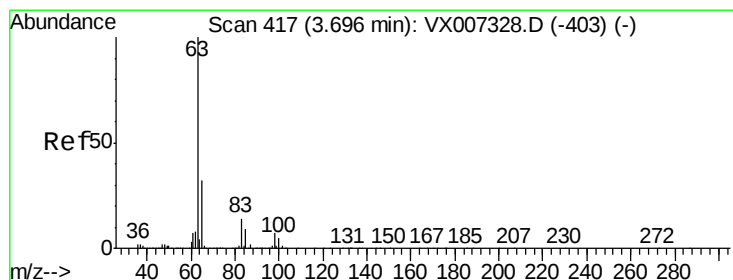
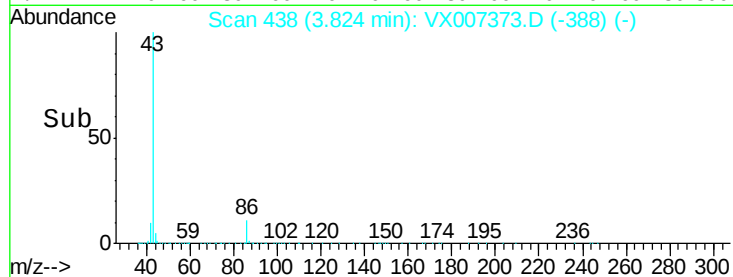
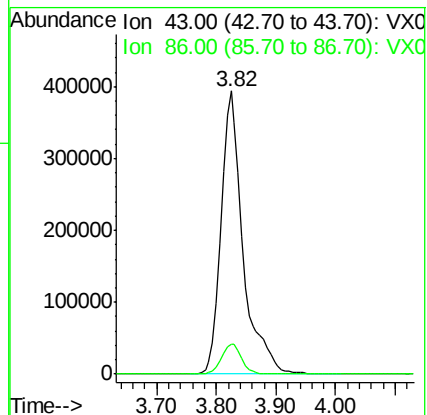
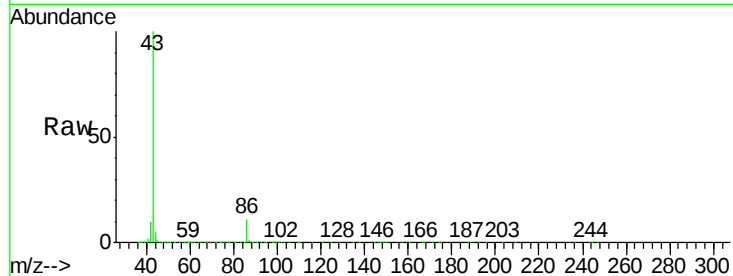
VX0205WBSD01

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#24

1,1-Dichloroethane

Concen: 19.688 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

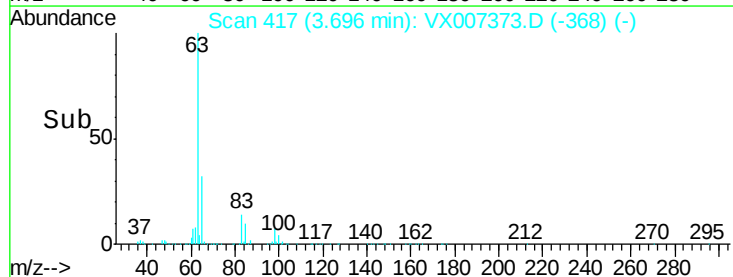
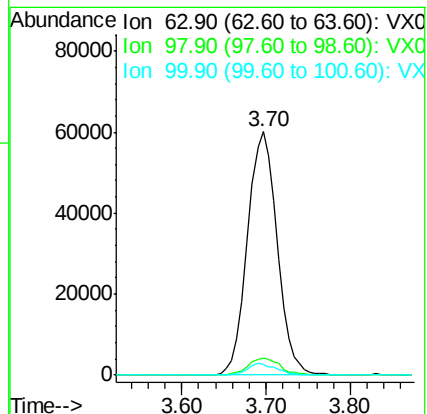
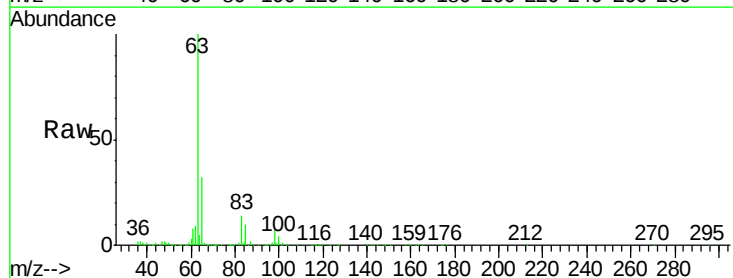
Tgt Ion: 63 Resp: 142732

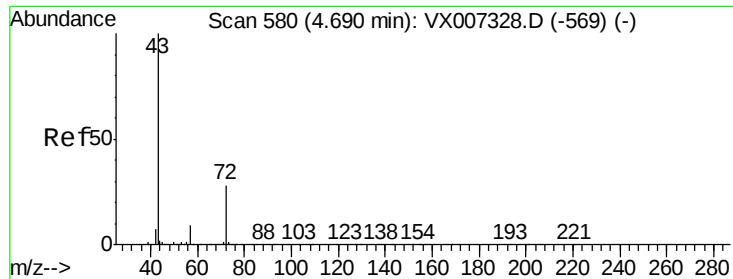
Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.8

100 4.3 2.5 7.4





#25

2-Butanone

Concen: 101.966 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0205WBSD01

Tot Ion: 43 Resp: 311249

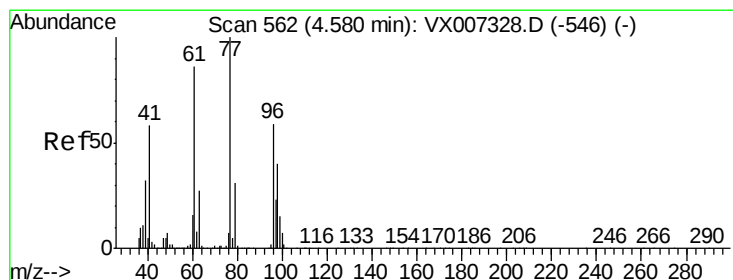
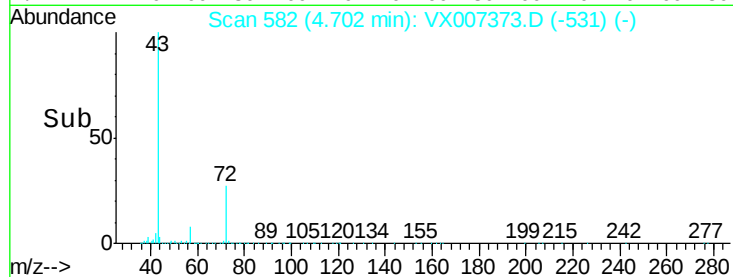
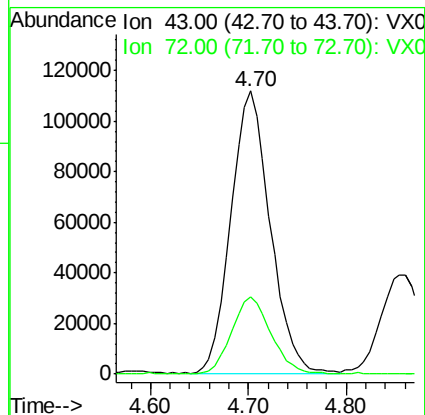
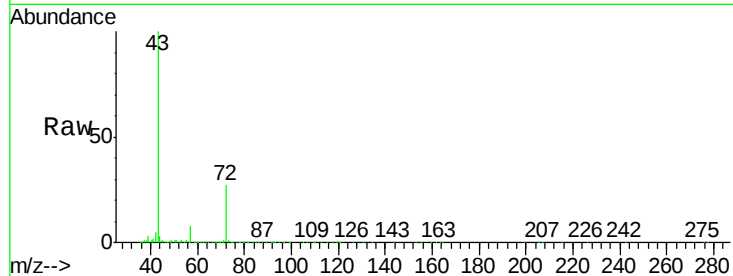
Ion Ratio Lower Upper

43 100

72 27.4 22.2 33.2

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#26

2,2-Dichloropropane

Concen: 17.756 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX007373.D

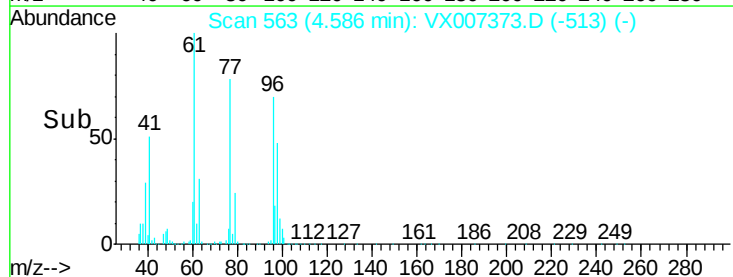
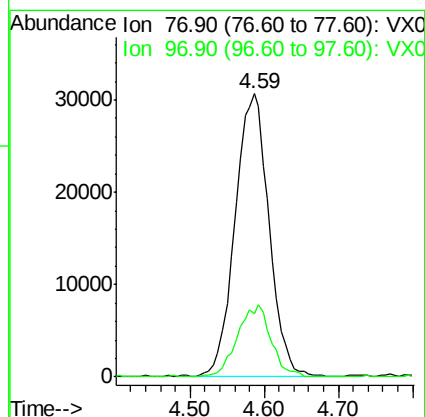
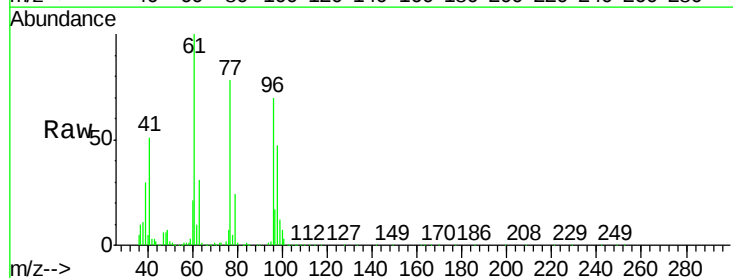
Acq: 05 Feb 2019 13:38

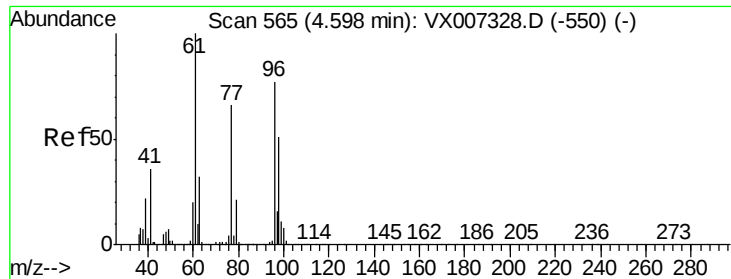
Tgt Ion: 77 Resp: 98035

Ion Ratio Lower Upper

77 100

97 25.0 12.1 36.3





#27

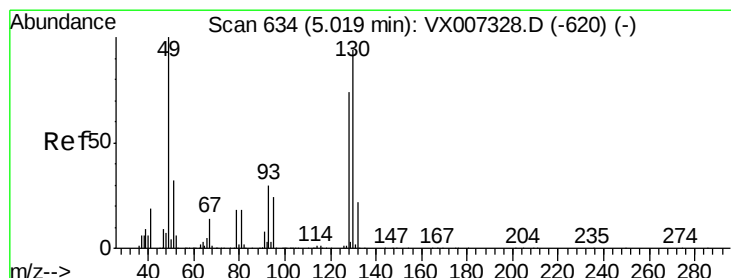
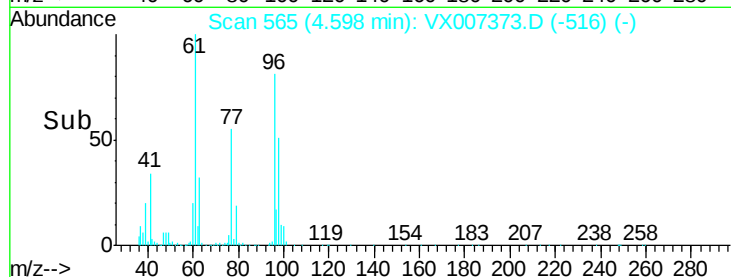
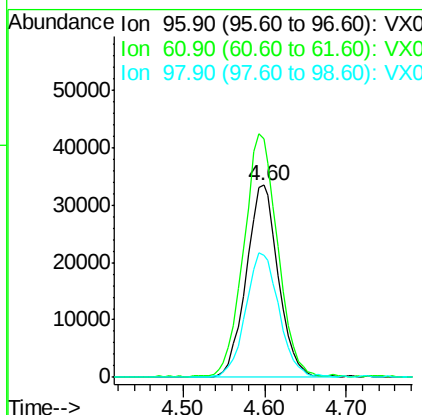
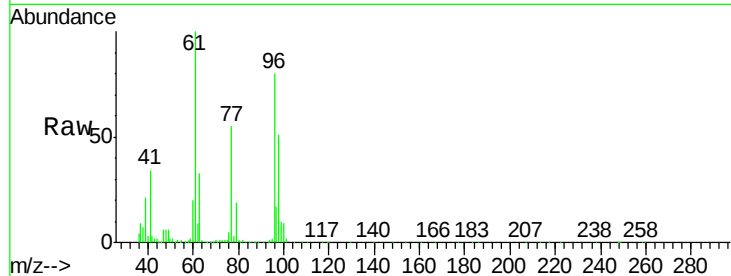
cis-1,2-Dichloroethene
Concen: 18.831 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.1	0.0	265.6
98	67.0	0.0	131.6

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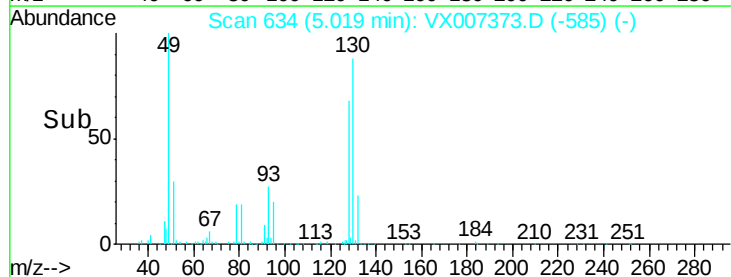
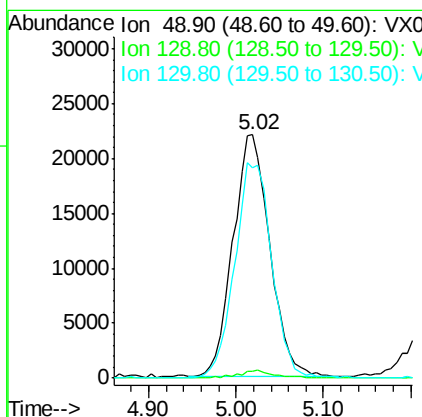
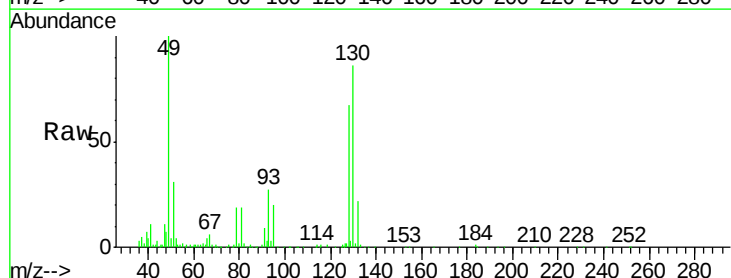
MMDadoda
2/6/2019 9:29:53 AM

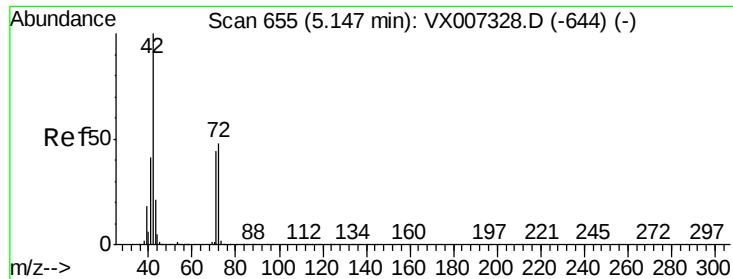


#28

Bromochloromethane
Concen: 19.427 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.6
130	89.5	75.6	113.4





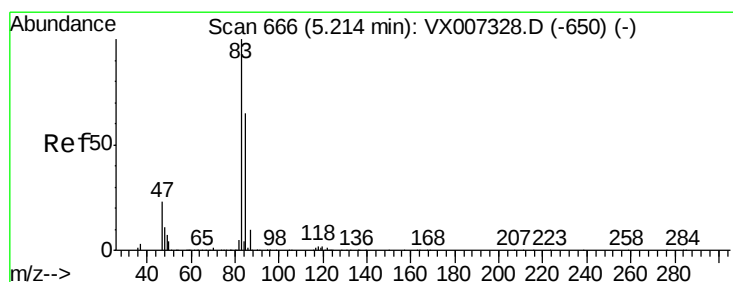
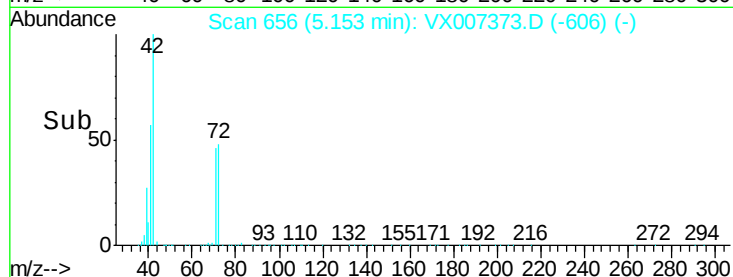
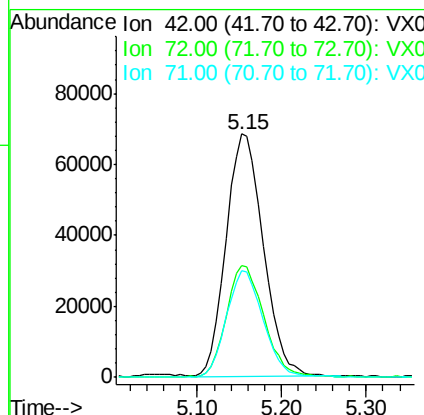
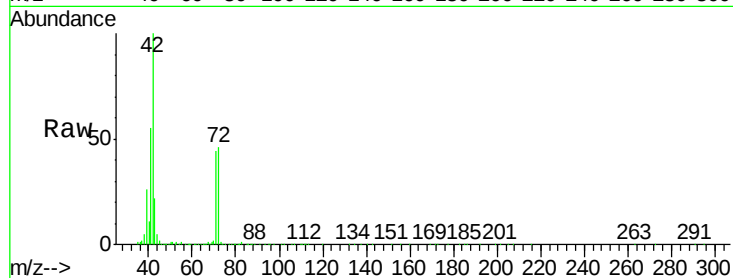
#29
Tetrahydrofuran
Concen: 107.189 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.8	37.6	56.4
71	43.0	34.6	51.8

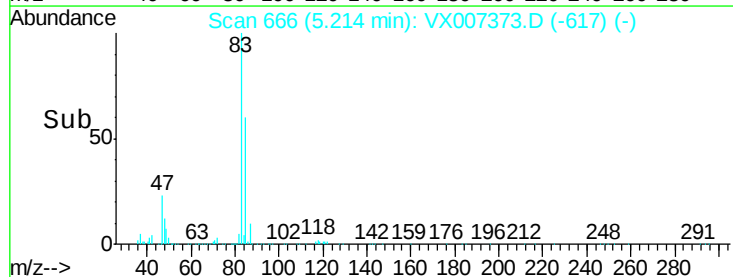
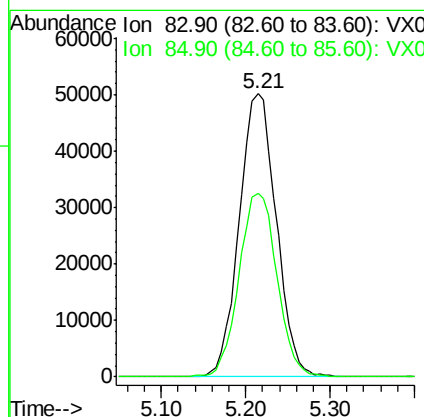
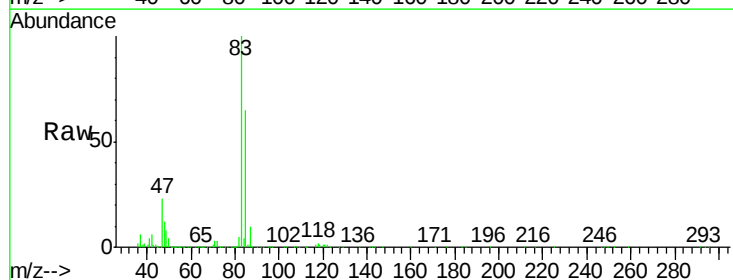
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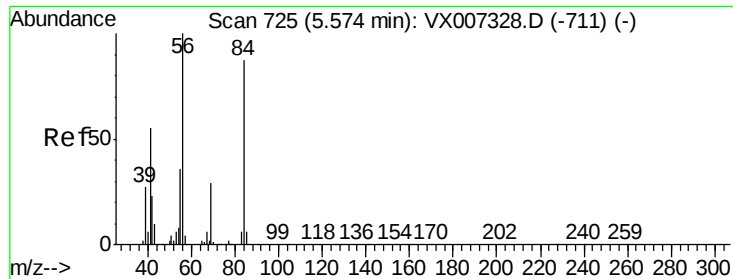
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#30
Chloroform
Concen: 19.631 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.6	77.4





#31

Cyclohexane

Concen: 19.181 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Instrument :

MSVOA_X

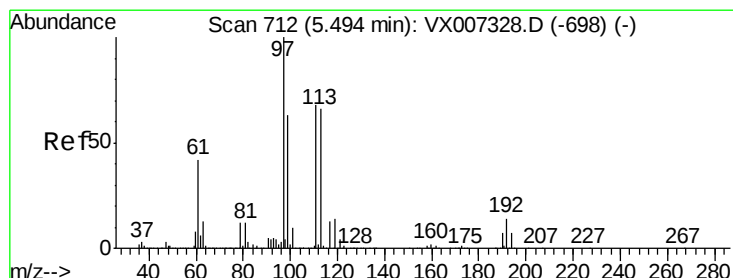
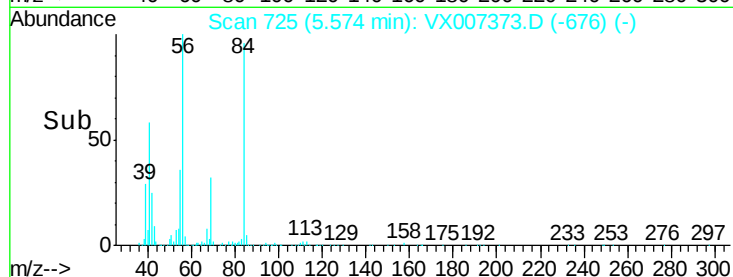
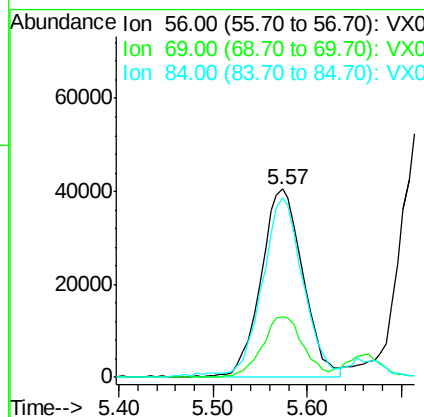
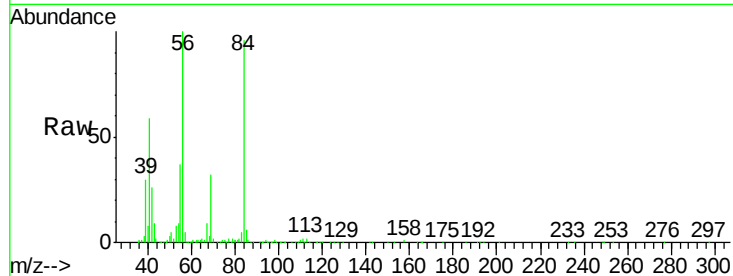
ClientSampleId :

VX0205WBSD01

Tot Ion:	56	Resp:	124893
Ion Ratio	Lower	Upper	
56	100		
69	32.0	23.0	34.6
84	94.9	69.8	104.6

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#32

1,1,1-Trichloroethane

Concen: 19.921 ug/l

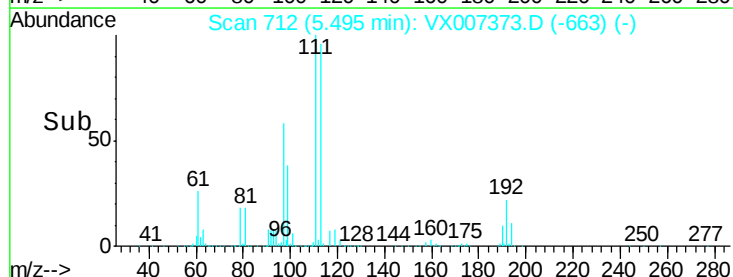
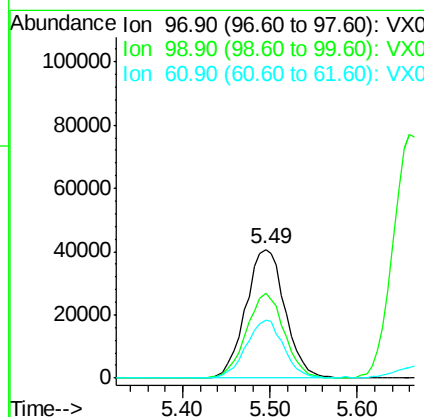
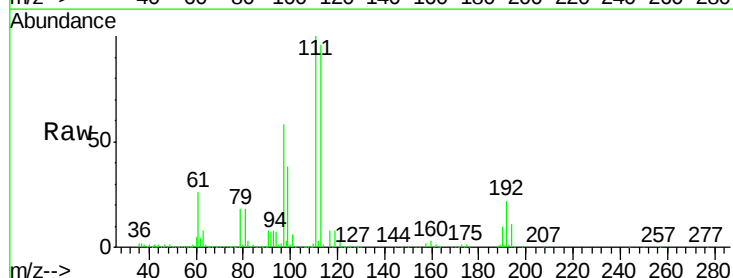
RT: 5.49 min Scan# 712

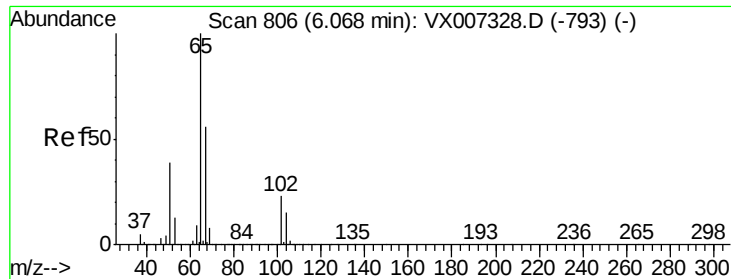
Delta R.T. 0.00 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Tgt Ion:	97	Resp:	127211
Ion Ratio	Lower	Upper	
97	100		
99	63.5	52.2	78.2
61	43.1	32.7	49.1





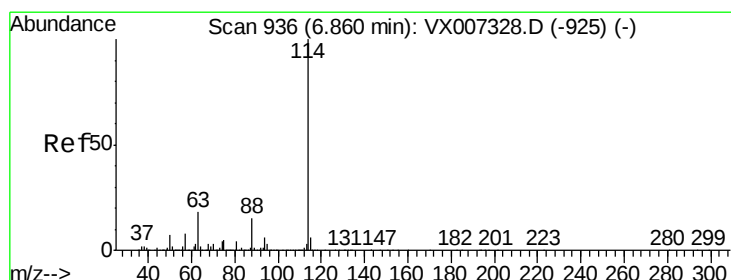
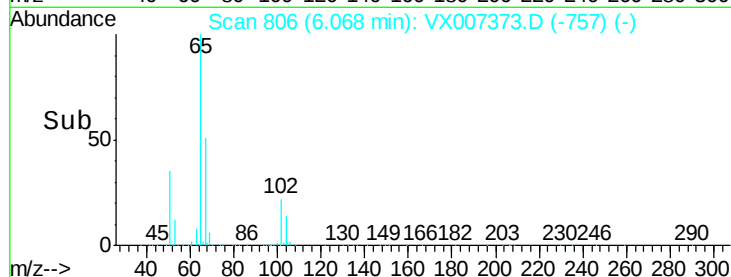
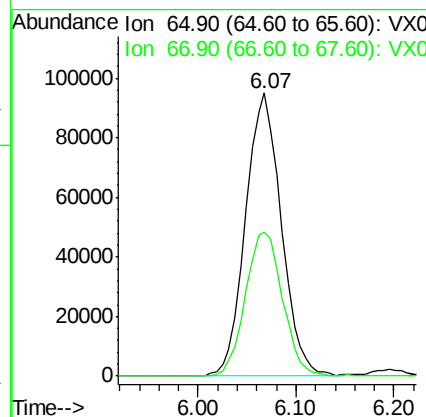
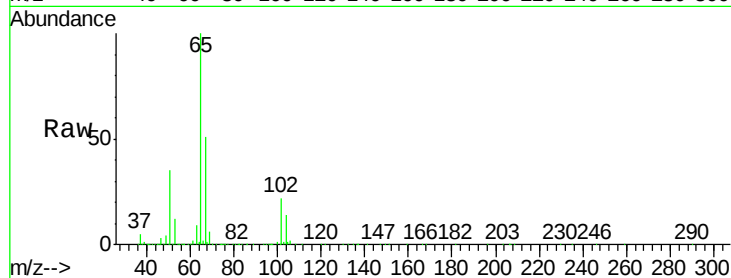
#33
 1,2-Dichloroethane-d4
 Concen: 51.279 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007373.D
 Acq: 05 Feb 2019 13:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0205WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	240113		
67	53.3	0.0	108.8	

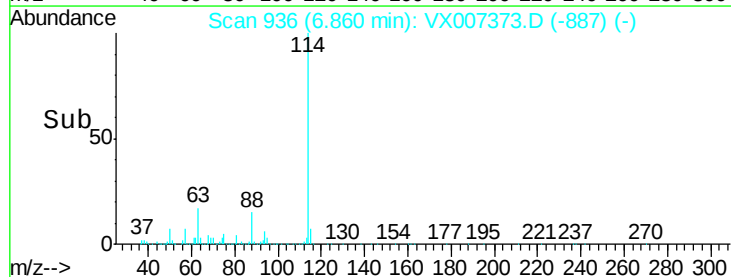
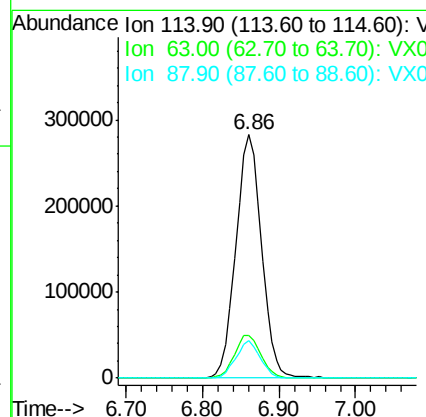
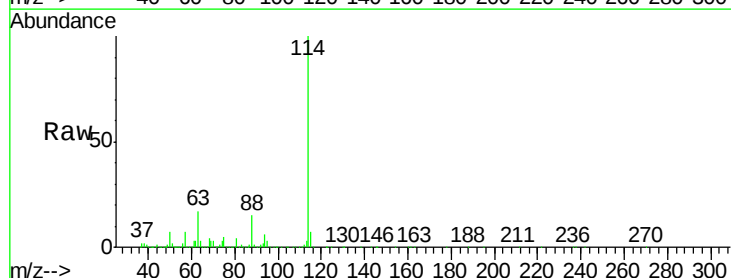
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007373.D
 Acq: 05 Feb 2019 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	658125		
63	17.3	0.0	35.6	
88	15.3	0.0	29.6	





#35

Dibromofluoromethane

Concen: 49.916 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Instrument :

MSVOA_X

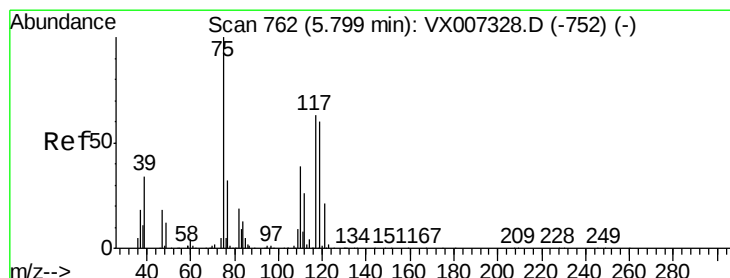
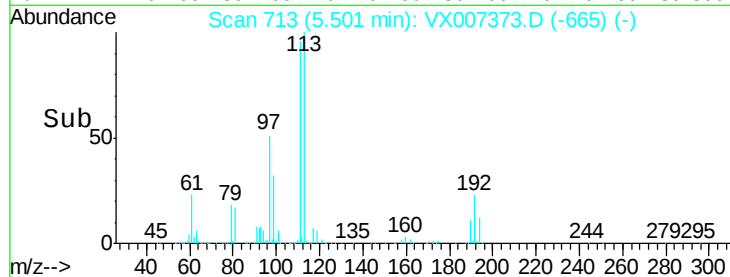
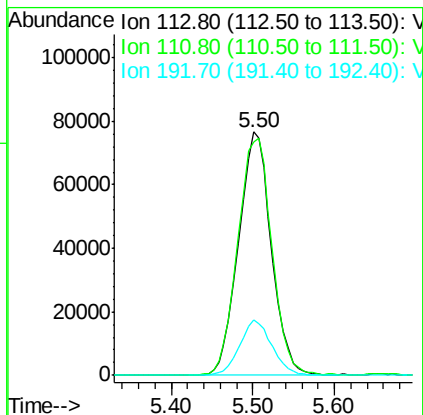
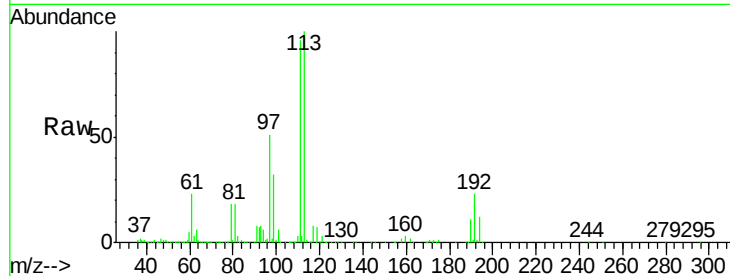
ClientSampleId :

VX0205WBSD01

Tot Ion:	113	Resp:	213751
Ion Ratio	Lower	Upper	
113	100		
111	101.9	81.8	122.8
192	22.3	18.5	27.7

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#36

1,1-Dichloropropene

Concen: 18.465 ug/l

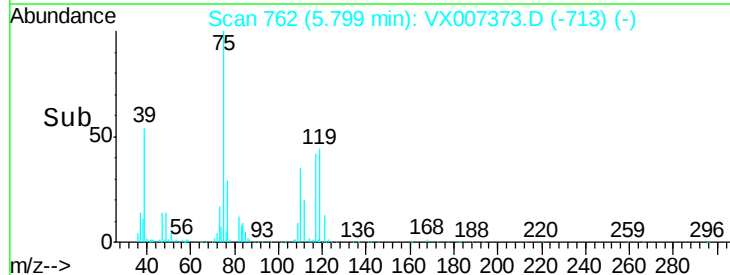
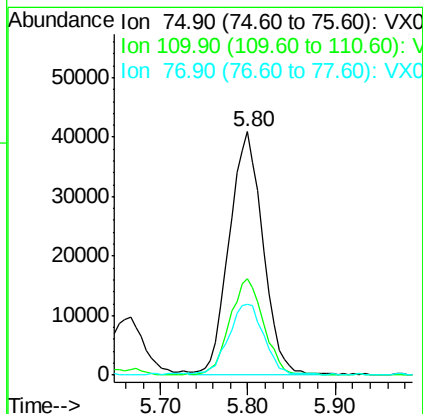
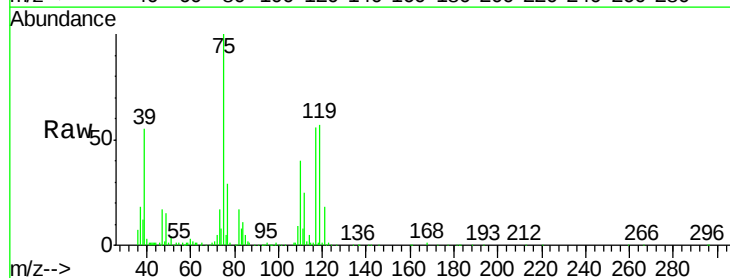
RT: 5.80 min Scan# 762

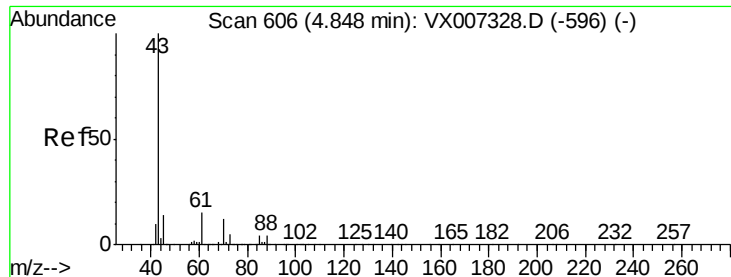
Delta R.T. 0.00 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Tgt Ion:	75	Resp:	109036
Ion Ratio	Lower	Upper	
75	100		
110	40.1	20.0	59.9
77	30.5	24.7	37.1





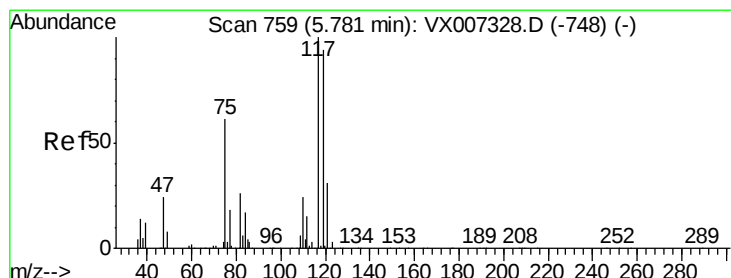
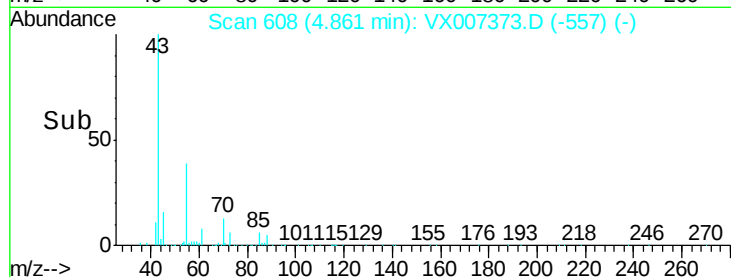
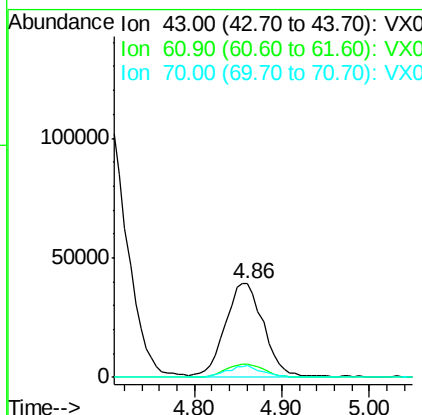
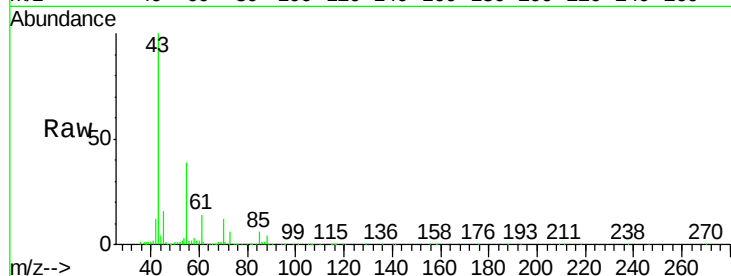
#37
Ethyl Acetate
Concen: 19.796 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBSD01

Tot Ion:	43	Resp:	118164
Ion Ratio	Lower	Upper	
43	100		
61	14.4	11.3	16.9
70	11.6	8.6	13.0

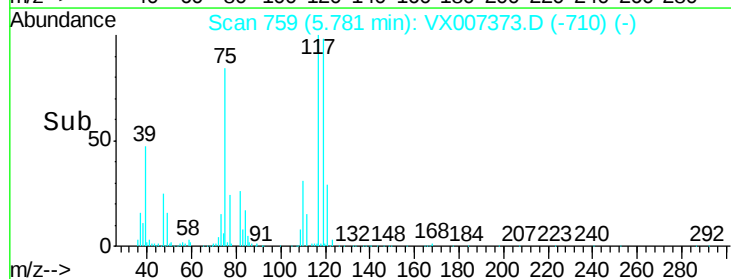
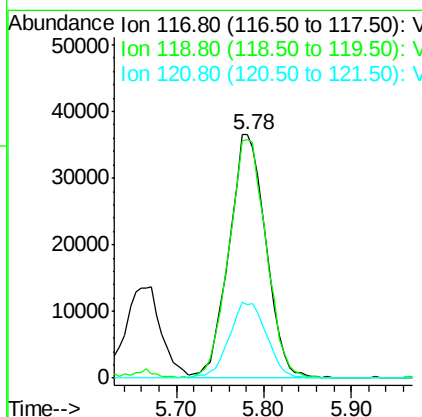
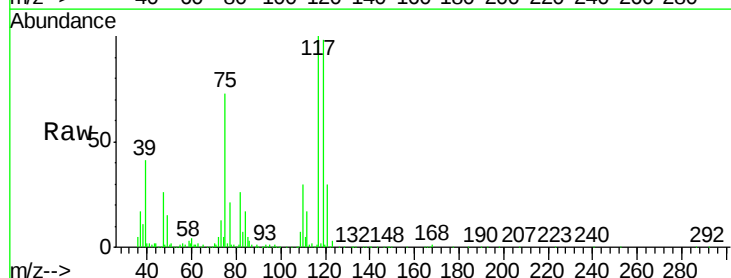
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#38
Carbon Tetrachloride
Concen: 18.654 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

Tgt Ion:	117	Resp:	106861
Ion Ratio	Lower	Upper	
117	100		
119	97.6	75.3	112.9
121	30.0	25.0	37.4





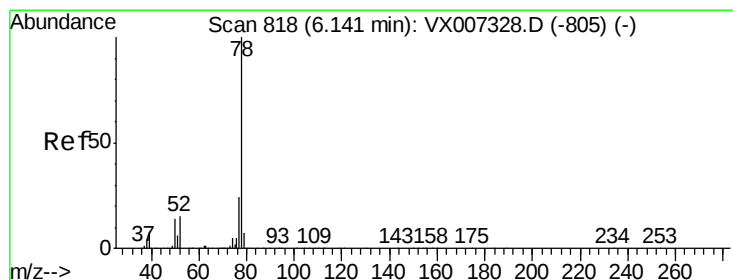
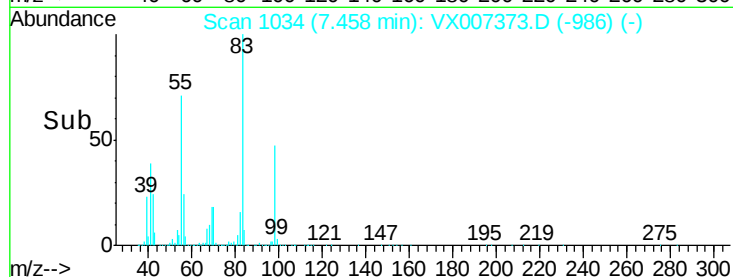
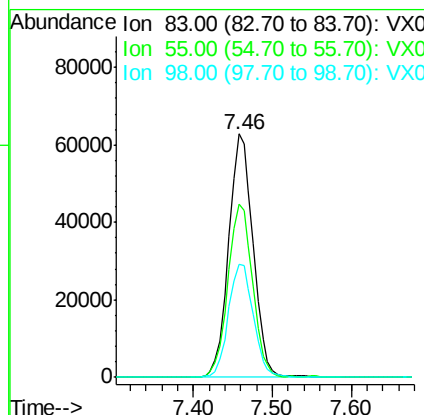
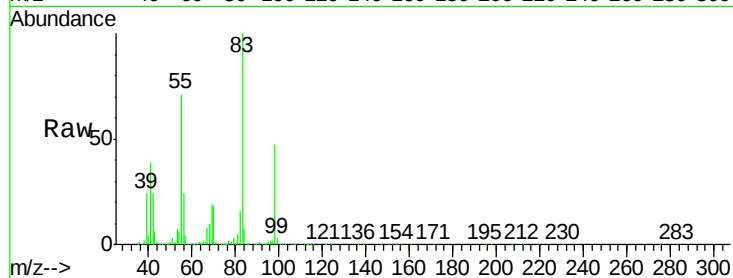
#39
Methvlcvclohexane
Concen: 18.925 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.7	56.2	84.2
98	46.6	36.8	55.2

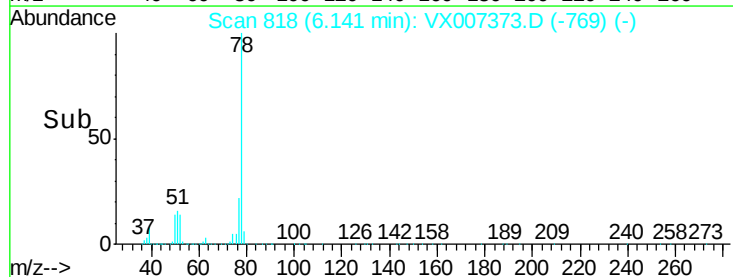
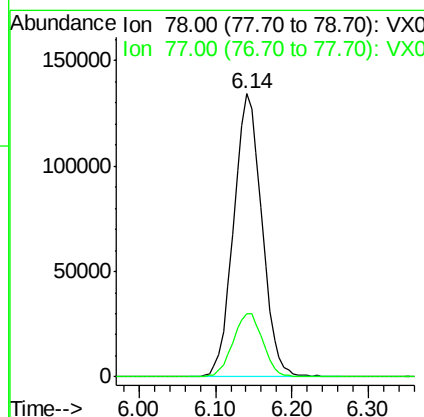
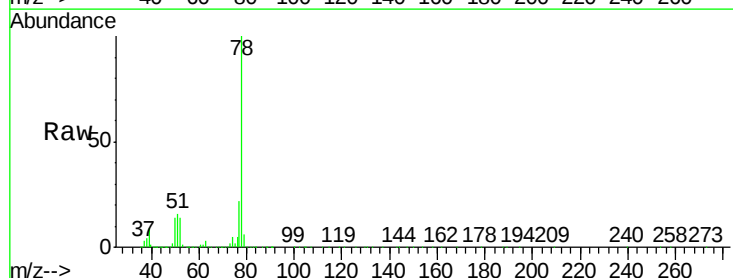
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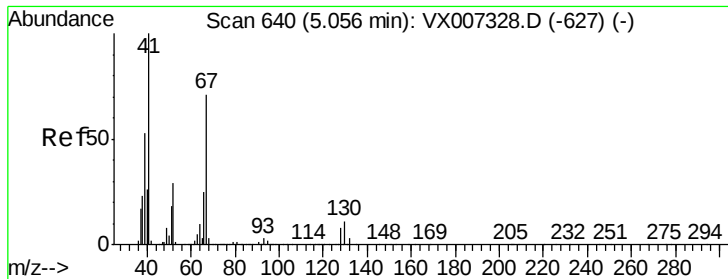
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#40
Benzene
Concen: 19.802 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.0	19.3	28.9





#41

Methacrylonitrile

Concen: 20.612 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.00 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Instrument :

MSVOA_X

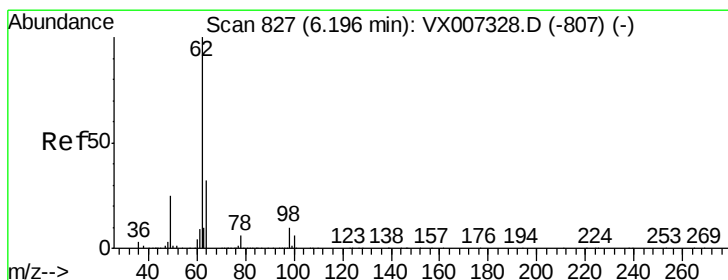
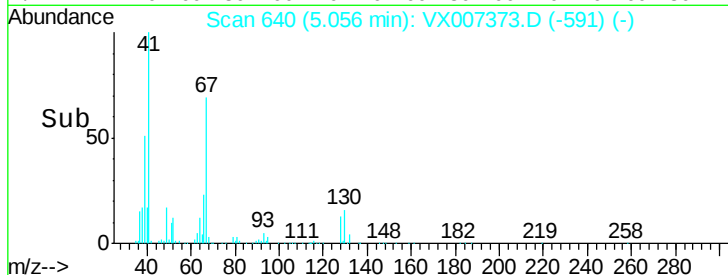
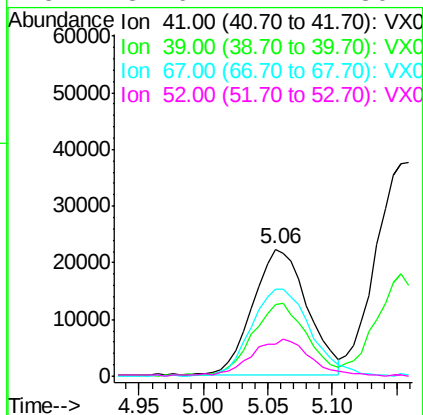
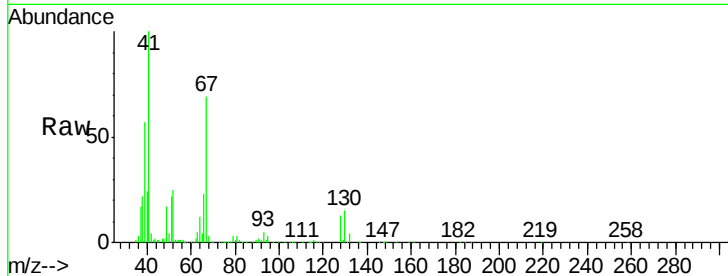
ClientSampleId :

VX0205WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.2	44.5	66.7
67	73.7	60.4	90.6
52	31.6	24.1	36.1

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#42

1,2-Dichloroethane

Concen: 19.213 ug/l

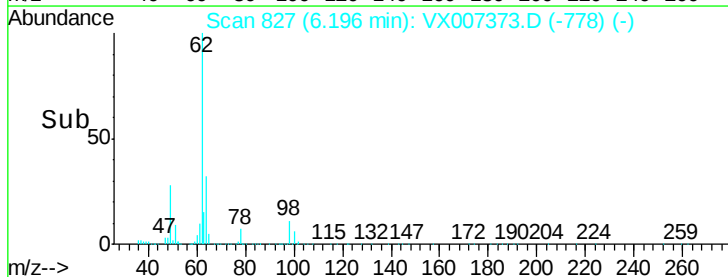
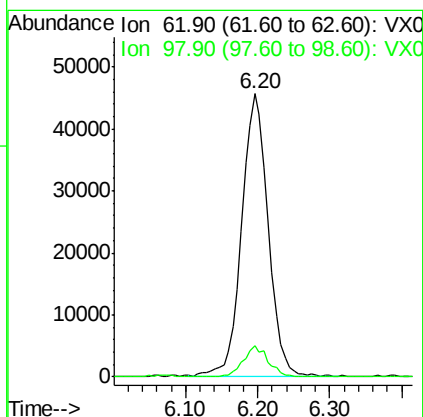
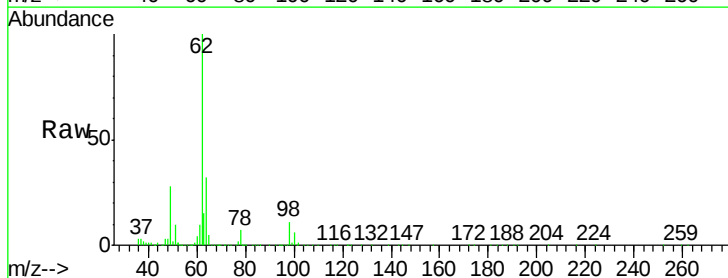
RT: 6.20 min Scan# 827

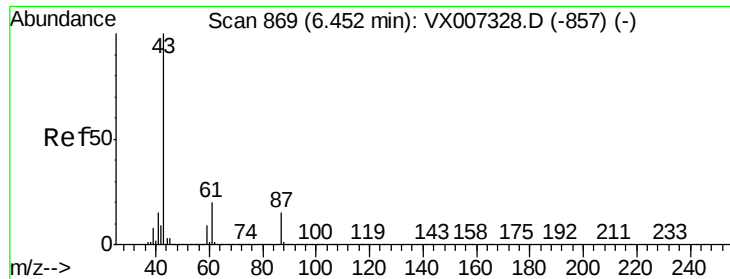
Delta R.T. 0.00 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	19.0





#43

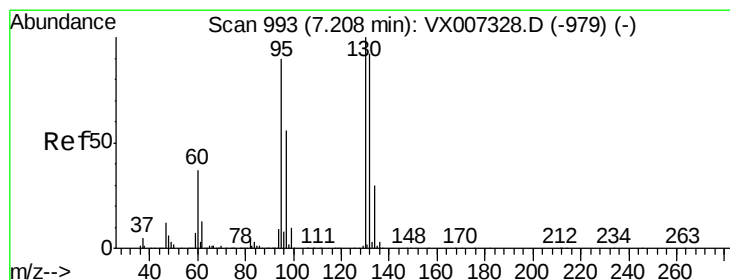
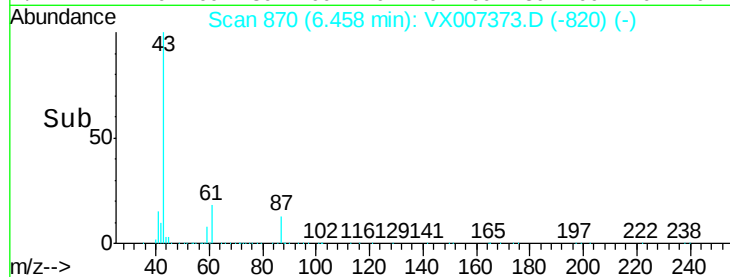
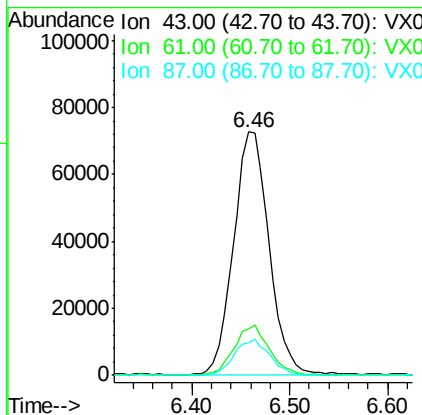
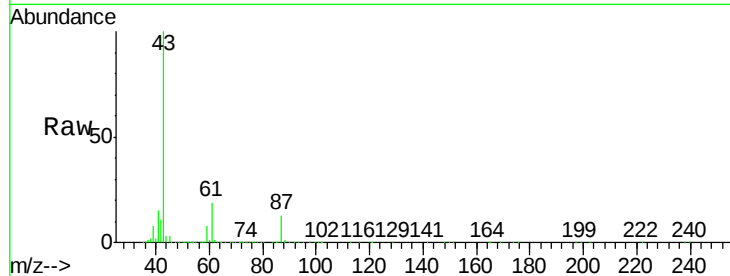
Isopropyl Acetate
 Concen: 19.800 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.01 min
 Lab File: VX007373.D
 Acq: 05 Feb 2019 13:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0205WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.1	24.1
87	14.9	11.5	17.3

Manual Integrations
 APPROVED

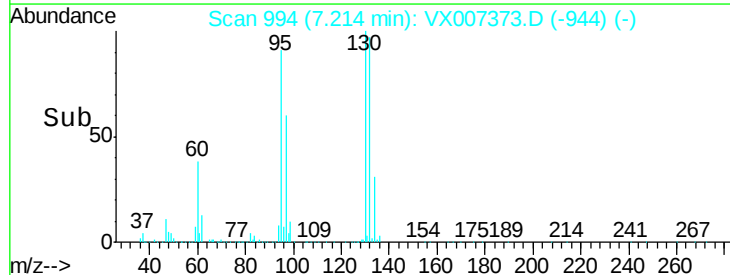
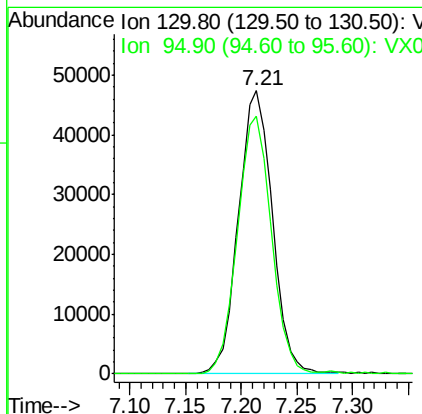
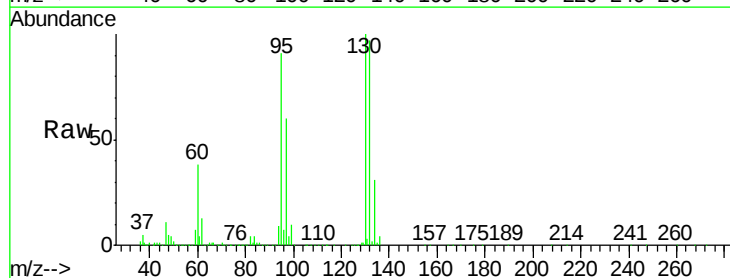
MMDadoda
 2/6/2019 9:29:53 AM

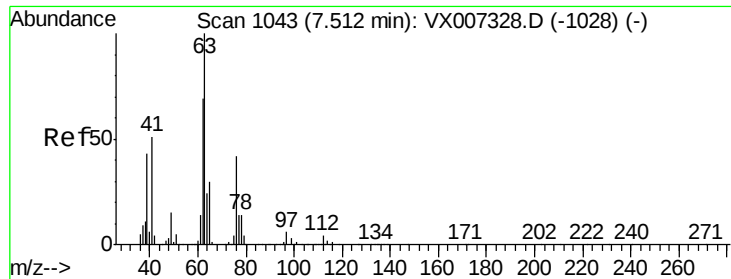


#44

Trichloroethene
 Concen: 19.198 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX007373.D
 Acq: 05 Feb 2019 13:38

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.1	0.0	180.0





#45

1,2-Dichloropropane

Concen: 18.909 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0205WBSD01

Tot Ion: 63 Resp: 82407

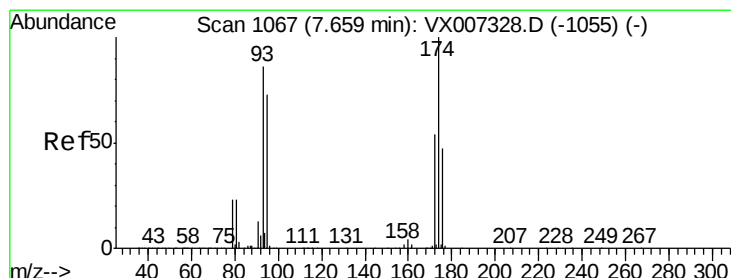
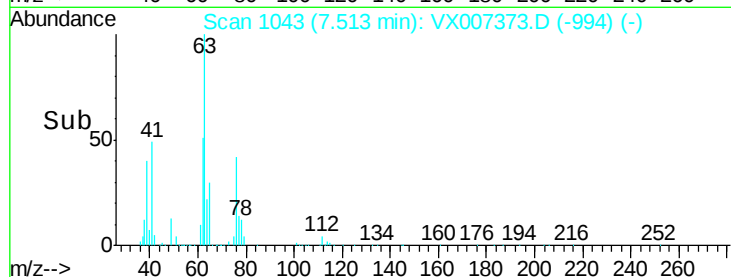
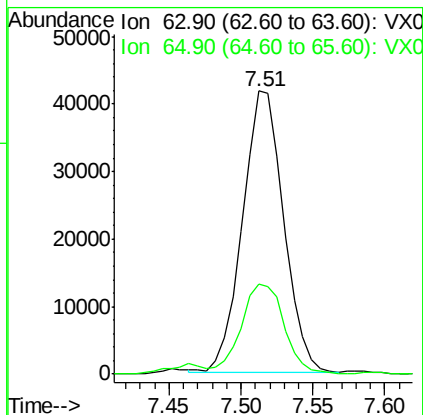
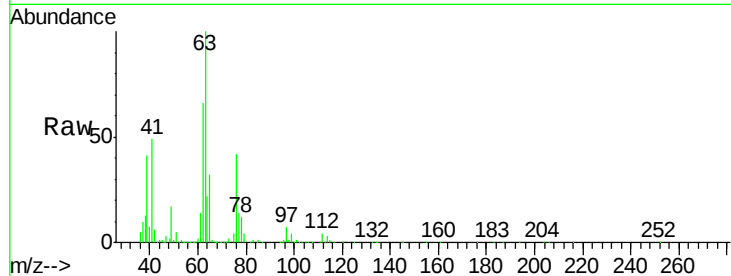
Ion Ratio Lower Upper

63 100

65 31.8 24.2 36.2

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#46

Dibromomethane

Concen: 18.752 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

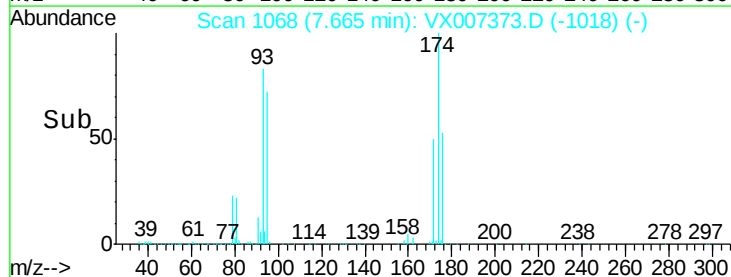
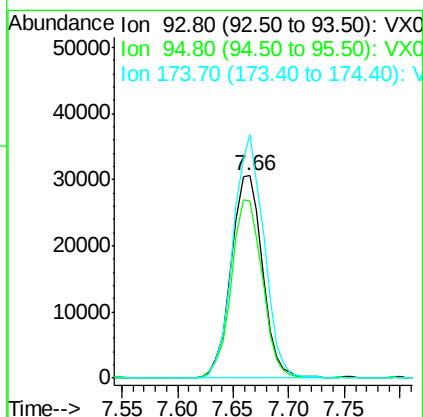
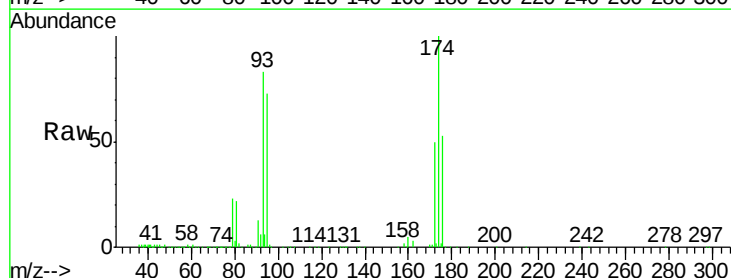
Tgt Ion: 93 Resp: 59397

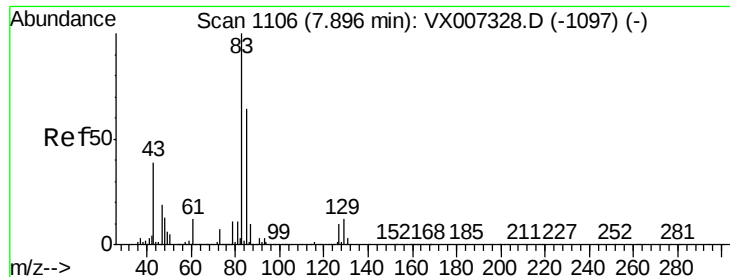
Ion Ratio Lower Upper

93 100

95 87.5 67.6 101.4

174 118.6 94.2 141.4





#47

Bromodichloromethane

Concen: 18.923 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Instrument :

MSVOA_X

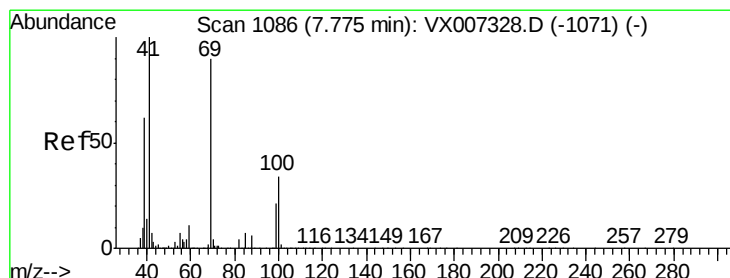
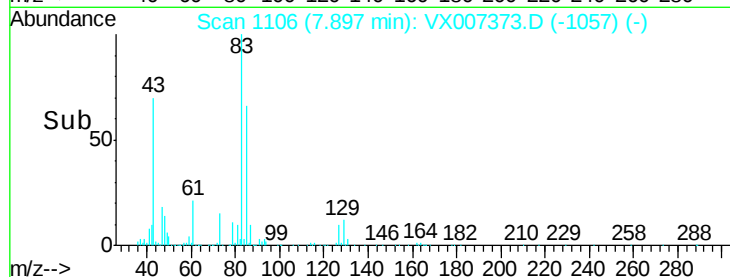
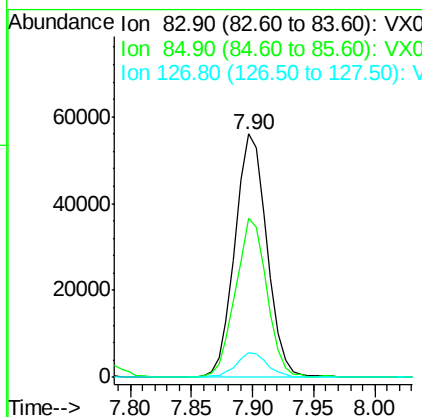
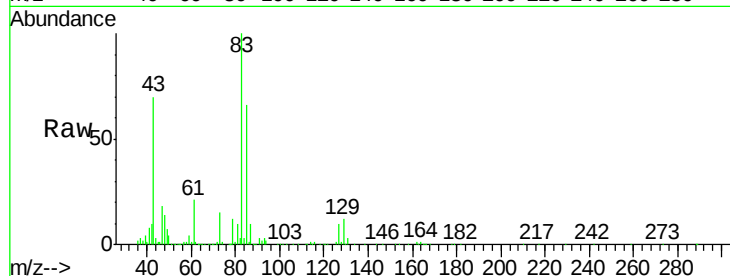
ClientSampleId :

VX0205WBSD01

Tot Ion:	83	Resp:	101582
Ion Ratio	Lower	Upper	
83	100		
85	65.7	51.4	77.0
127	10.1	8.1	12.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.555 ug/l

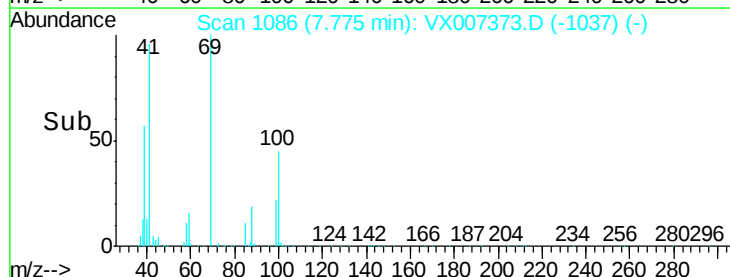
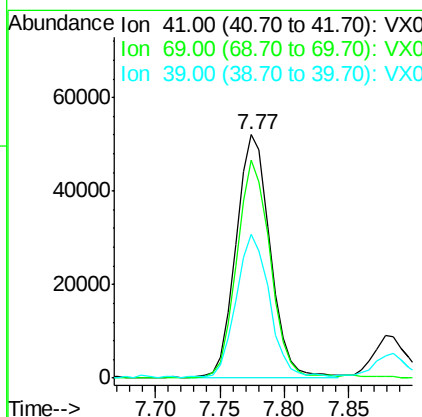
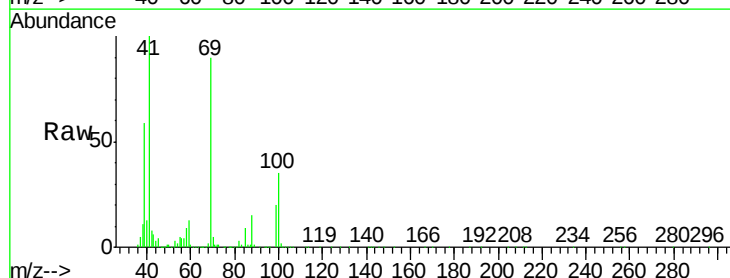
RT: 7.77 min Scan# 1086

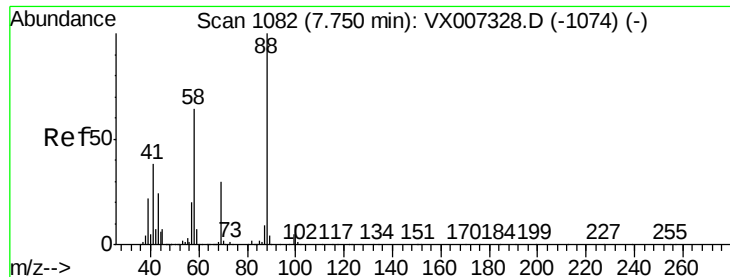
Delta R.T. 0.00 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Tgt Ion:	41	Resp:	94729
Ion Ratio	Lower	Upper	
41	100		
69	88.6	70.2	105.4
39	57.4	47.4	71.0





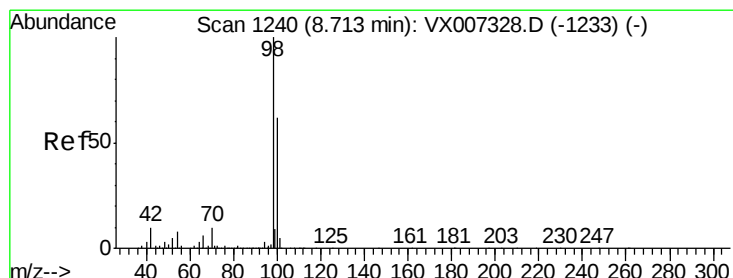
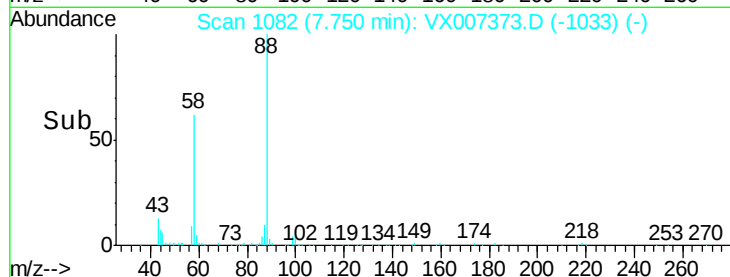
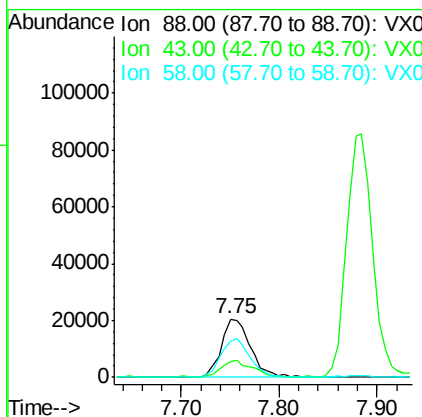
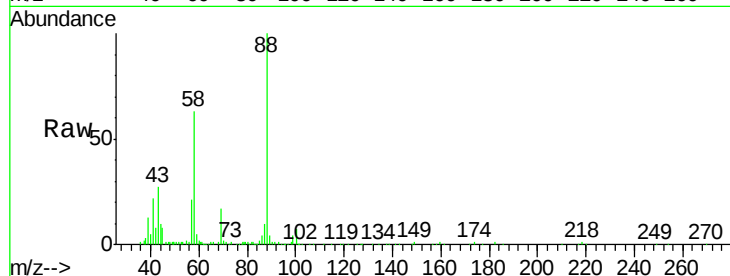
#49
1,4-Dioxane
Concen: 403.721 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.4	24.2	36.4
58	67.0	53.0	79.4

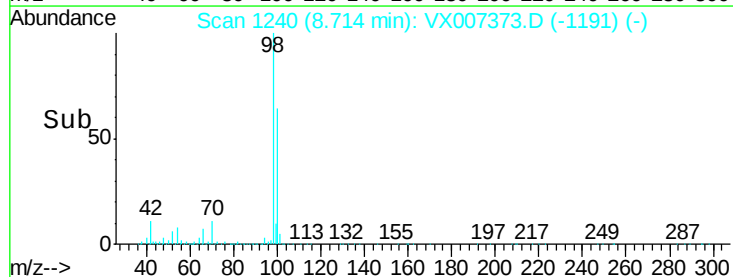
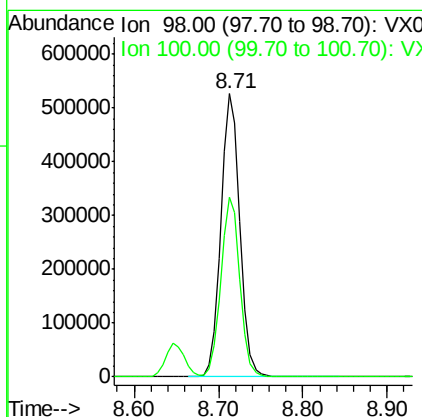
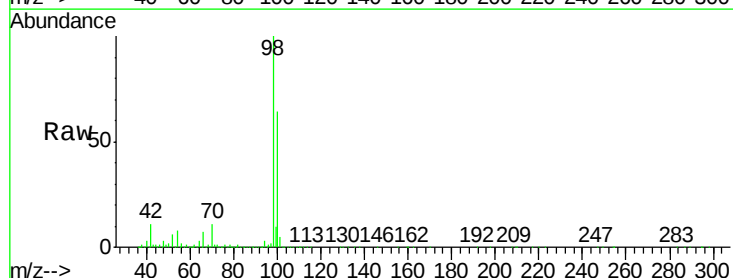
Manual Integrations
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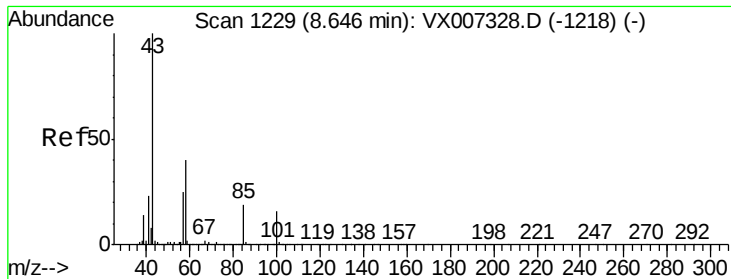
MMDadoda
2/6/2019 9:29:53 AM



#50
Toluene-d8
Concen: 51.332 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 101.346 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0205WBSD01

Tot Ion: 43 Resp: 614695

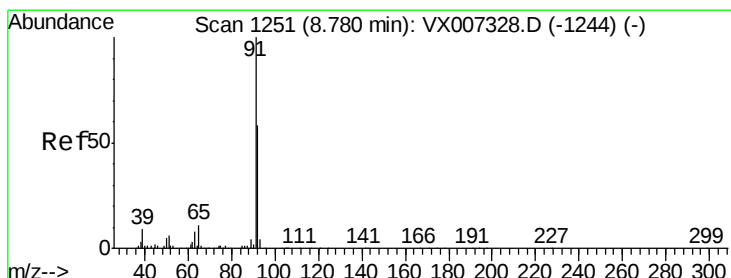
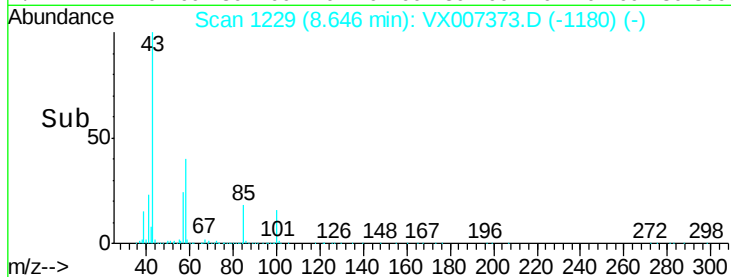
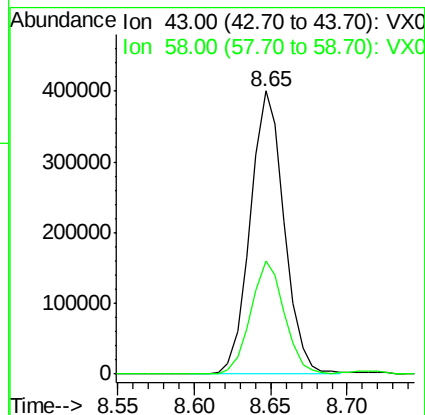
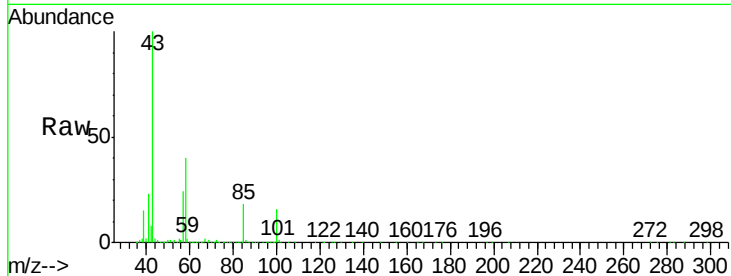
Ion Ratio Lower Upper

43 100

58 39.5 31.2 46.8

Manual Integrations
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2/6/2019 9:29:53 AM



#52

Toluene

Concen: 19.720 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007373.D

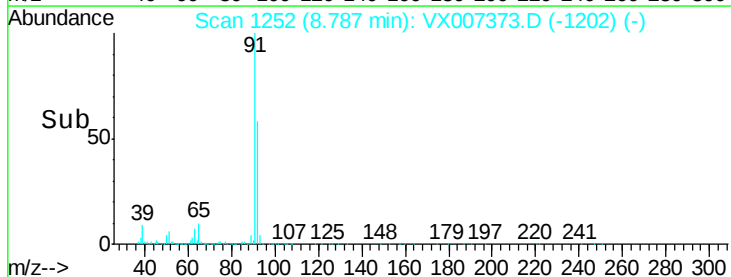
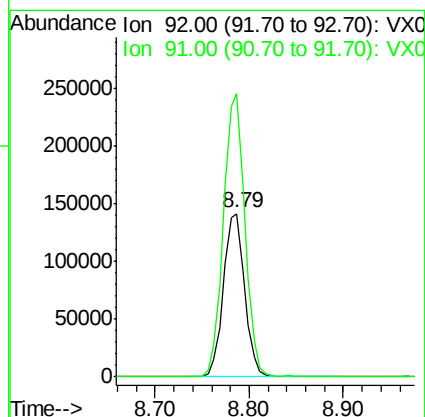
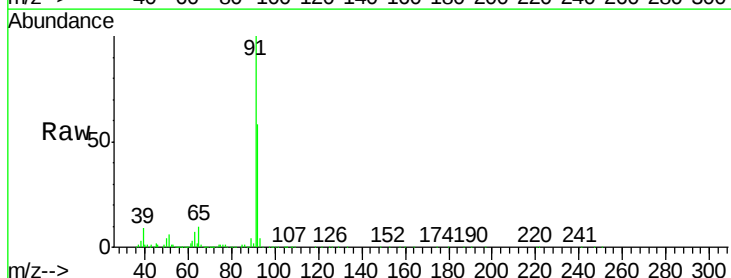
Acq: 05 Feb 2019 13:38

Tgt Ion: 92 Resp: 221312

Ion Ratio Lower Upper

92 100

91 174.9 139.1 208.7





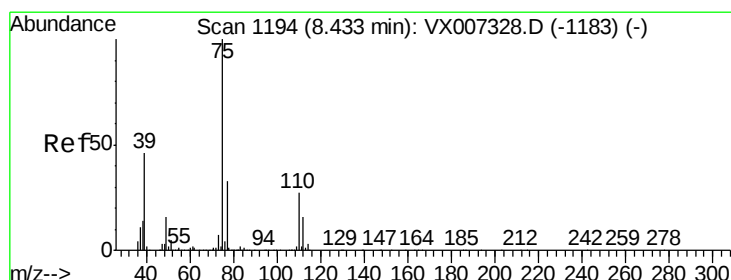
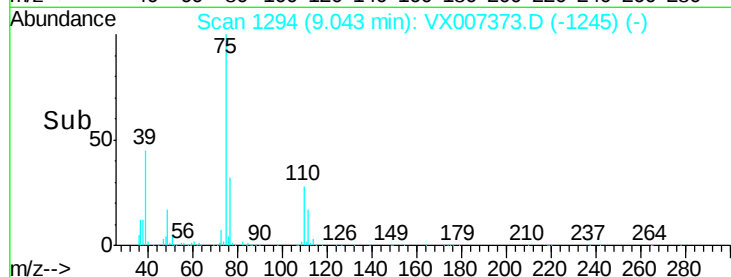
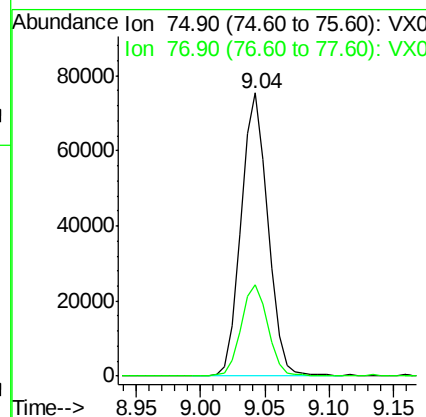
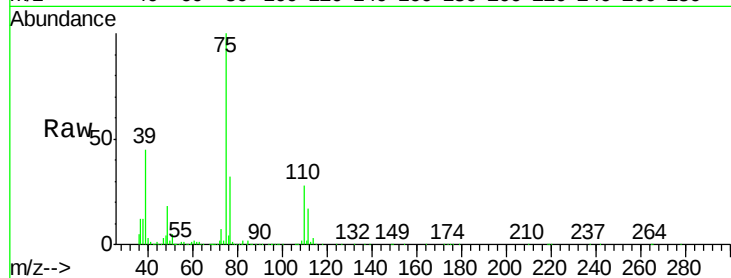
#53
t-1,3-Dichloropropene
Concen: 18.901 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.2	37.8

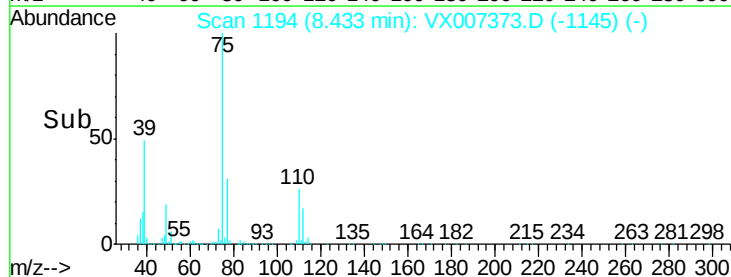
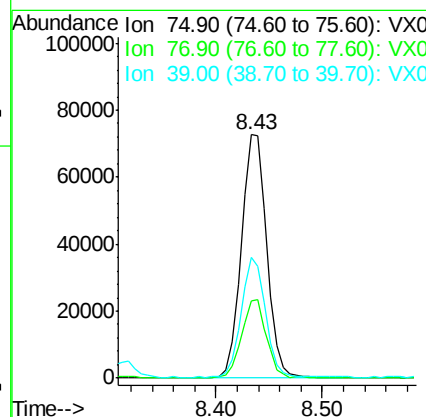
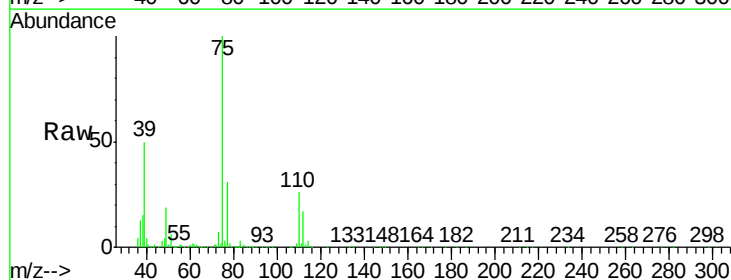
Manual Integrations
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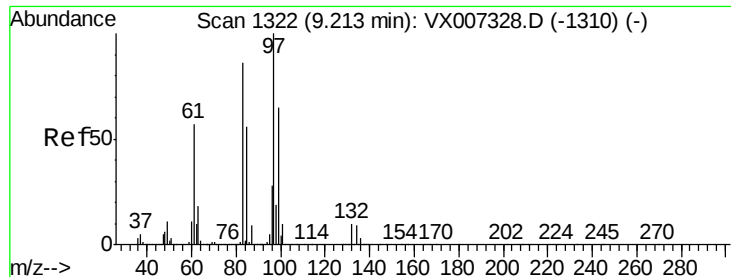
MMDadoda
2/6/2019 9:29:53 AM



#54
cis-1,3-Dichloropropene
Concen: 19.300 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	26.2	39.4
39	49.3	37.1	55.7





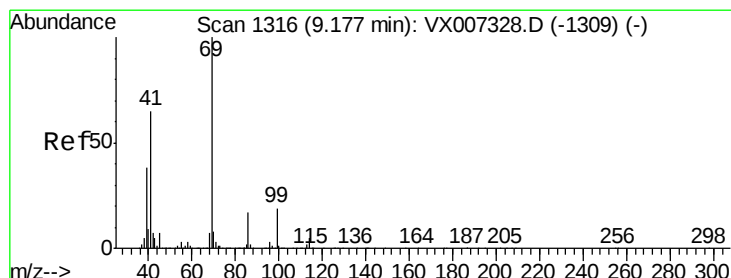
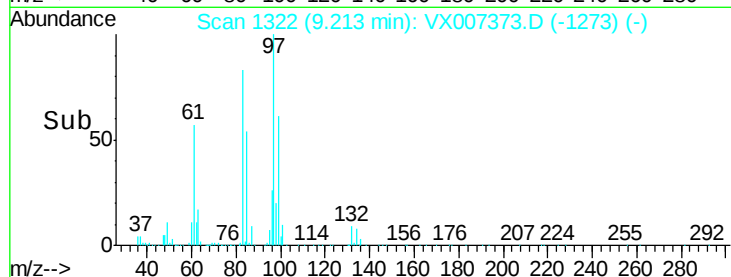
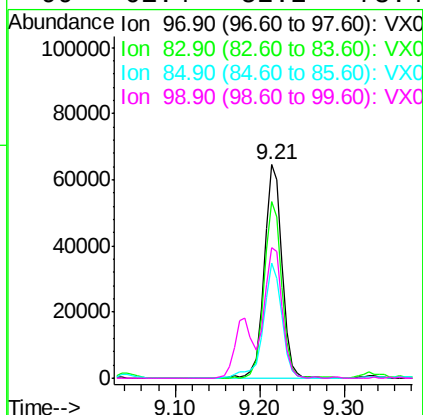
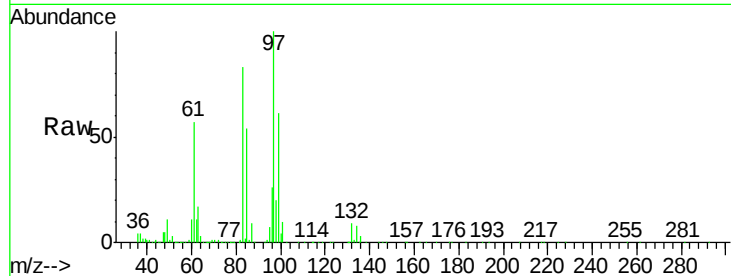
#55
1,1,2-Trichloroethane
Concen: 20.121 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		94125		
83	83.0	68.6	102.8		
85	54.1	44.5	66.7		
99	61.4	52.2	78.4		

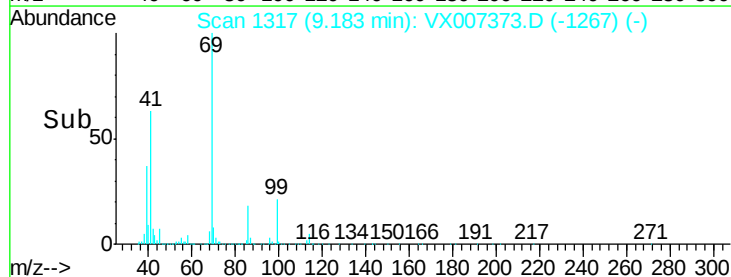
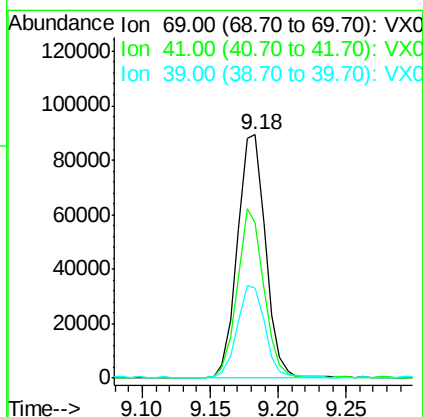
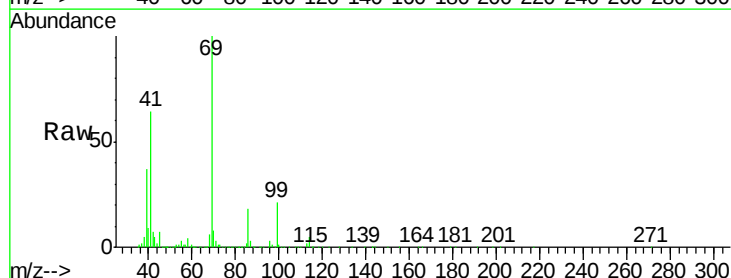
Manual Integrations
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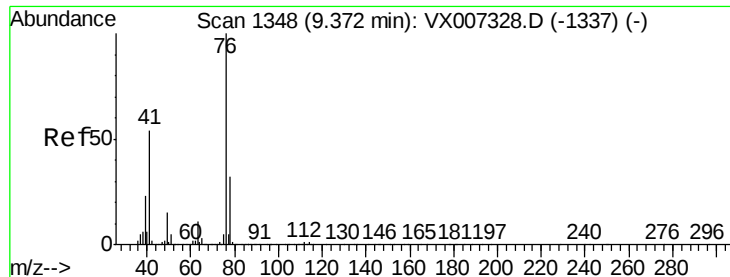
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2/6/2019 9:29:53 AM



#56
Ethyl methacrylate
Concen: 19.822 ug/l
RT: 9.18 min Scan# 1317
Delta R.T. 0.01 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		128431		
41	65.5	52.1	78.1		
39	37.8	30.1	45.1		





#57

1,3-Dichloropropane

Concen: 19.767 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0205WBSD01

Tot Ion: 76 Resp: 147058

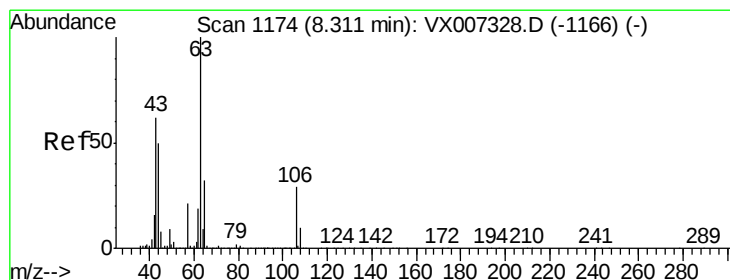
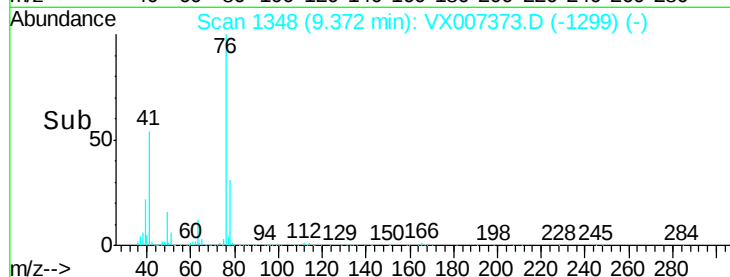
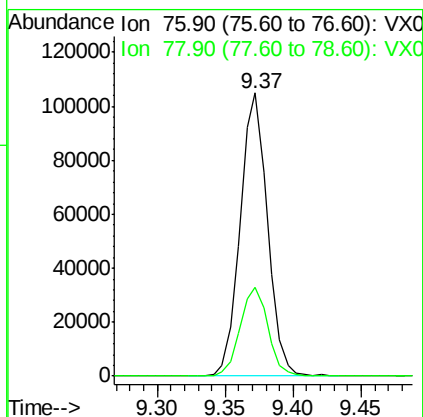
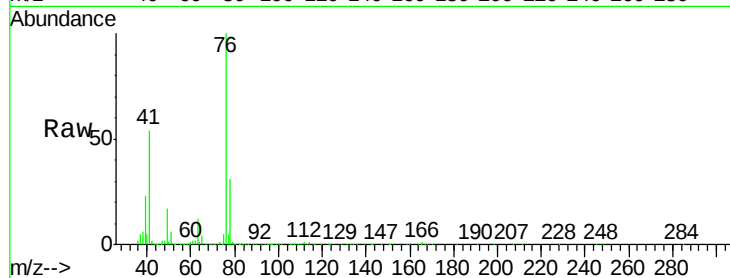
Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8

Manual Integrations
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MMDadoda
2/6/2019 9:29:53 AM



#58

2-Chloroethyl Vinyl ether

Concen: 100.692 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007373.D

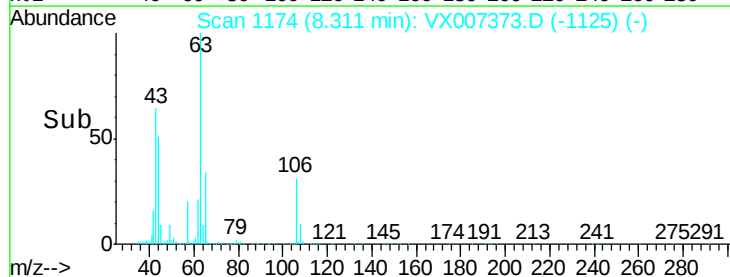
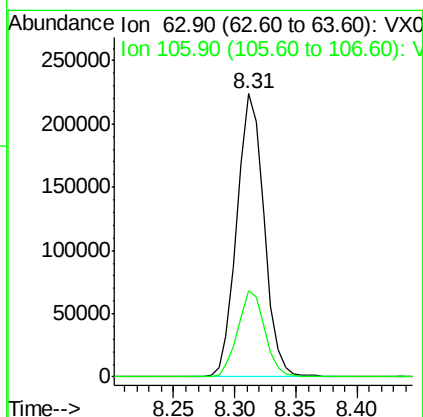
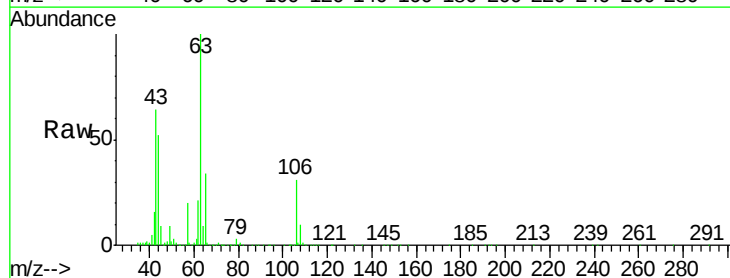
Acq: 05 Feb 2019 13:38

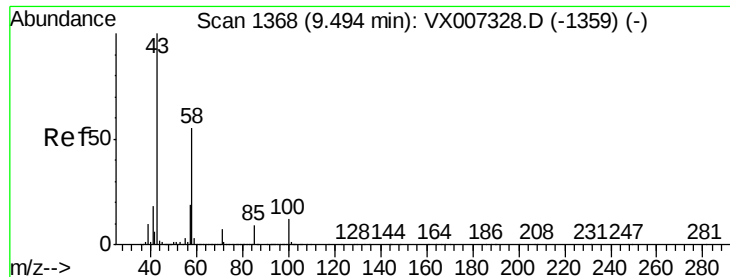
Tgt Ion: 63 Resp: 343869

Ion Ratio Lower Upper

63 100

106 30.5 23.6 35.4





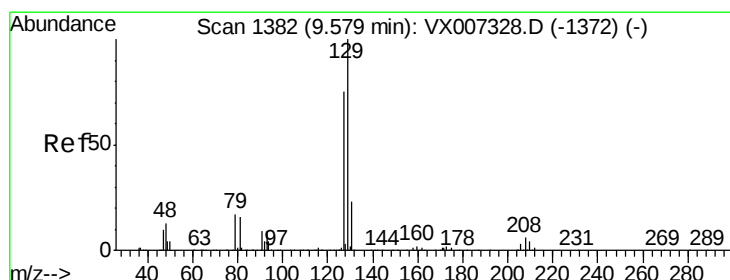
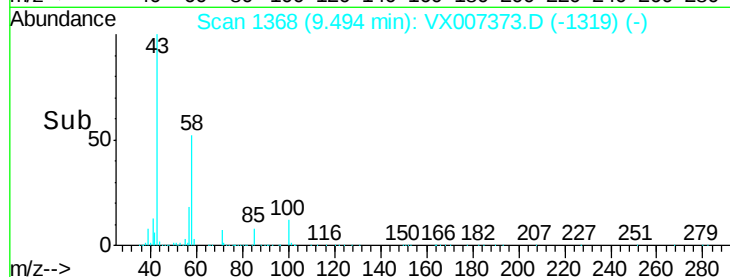
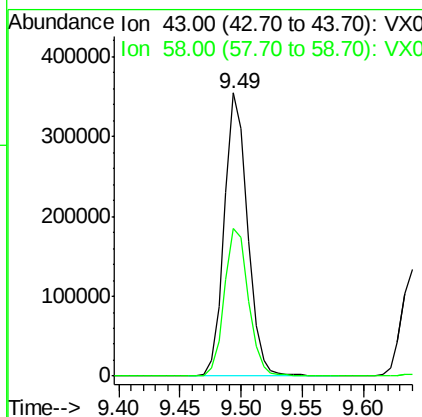
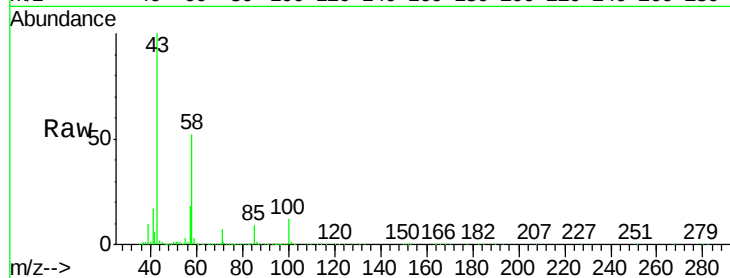
#59
2-Hexanone
Concen: 98.659 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.1	27.1	81.3

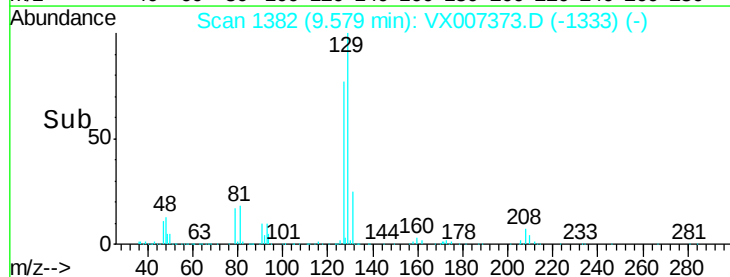
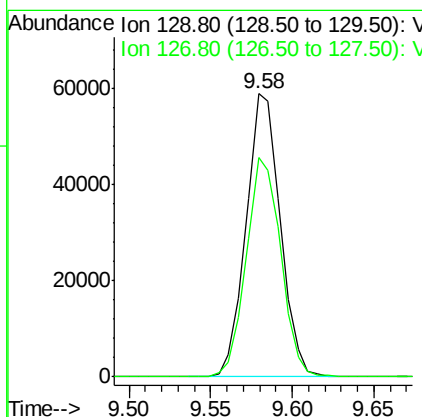
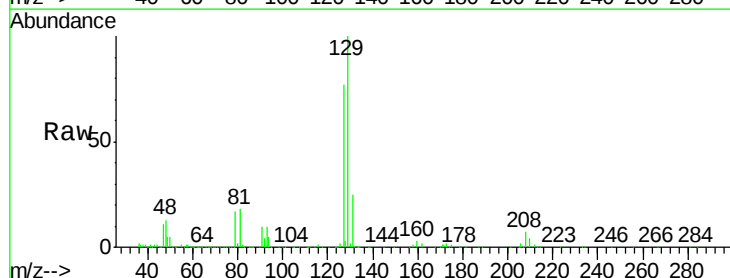
Manual Integrations
APPROVED

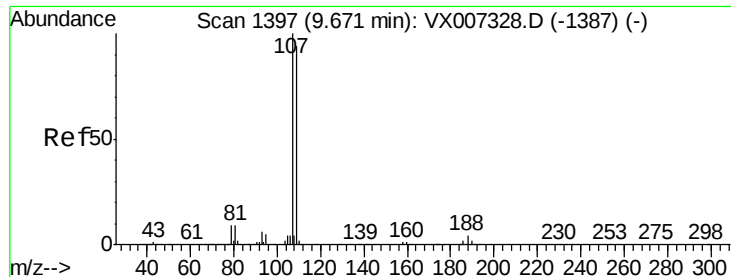
MMDadoda
2/6/2019 9:29:53 AM



#60
Dibromochloromethane
Concen: 19.551 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.9	37.8	113.4





#61

1,2-Dibromoethane

Concen: 19.900 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0205WBSD01

Tot Ion:107 Resp: 98587

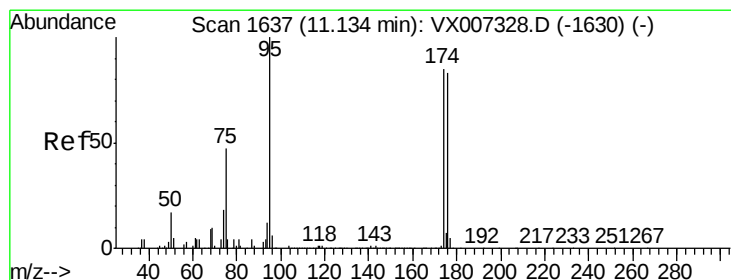
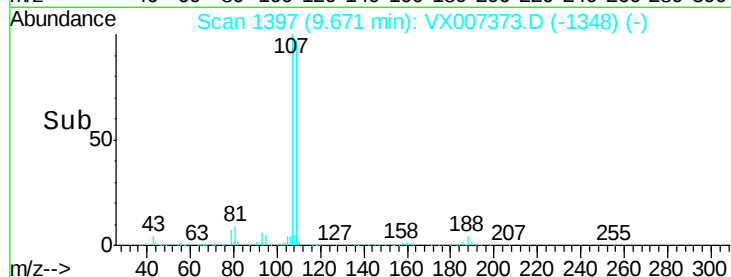
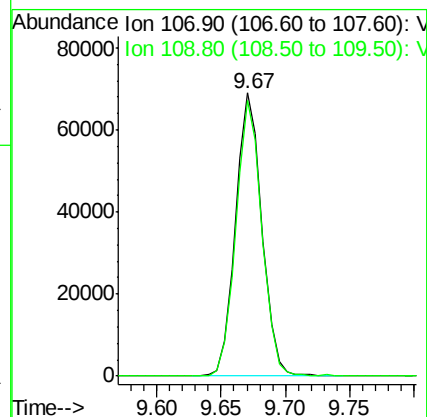
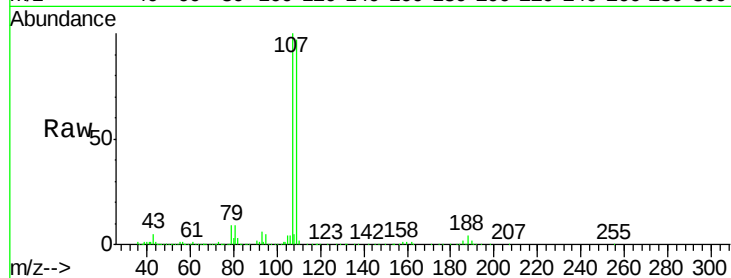
Ion Ratio Lower Upper

107 100

109 95.5 75.1 112.7

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#62

4-Bromofluorobenzene

Concen: 49.124 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

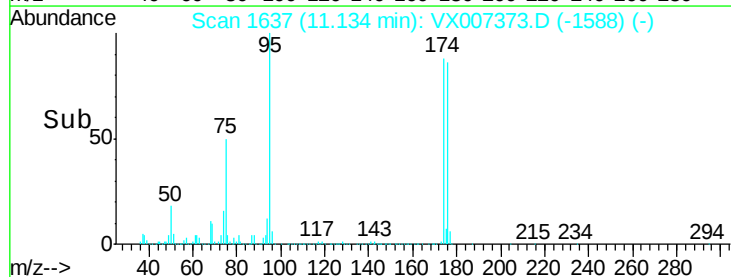
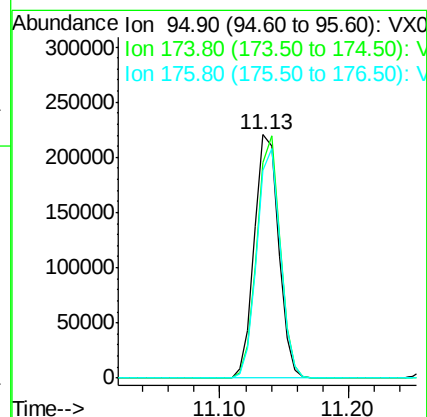
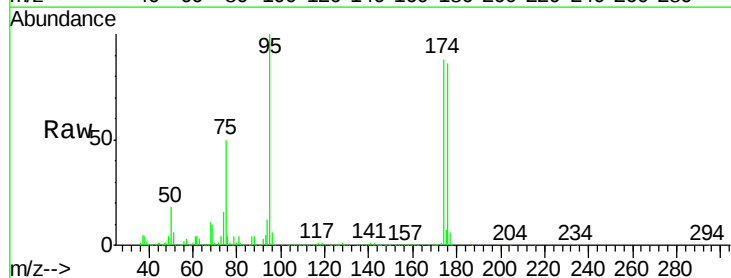
Tgt Ion: 95 Resp: 284949

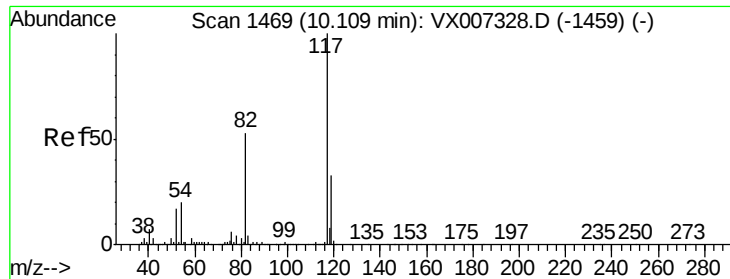
Ion Ratio Lower Upper

95 100

174 95.0 0.0 189.2

176 91.2 0.0 186.2





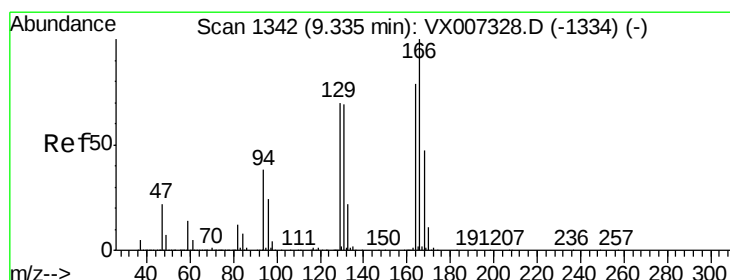
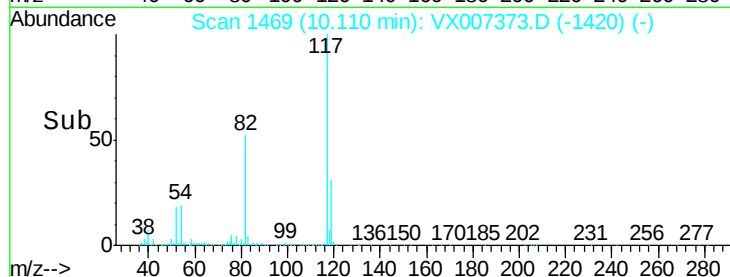
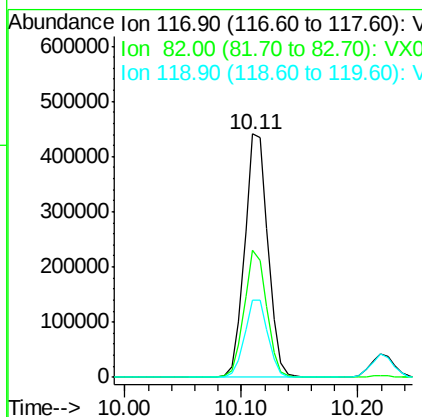
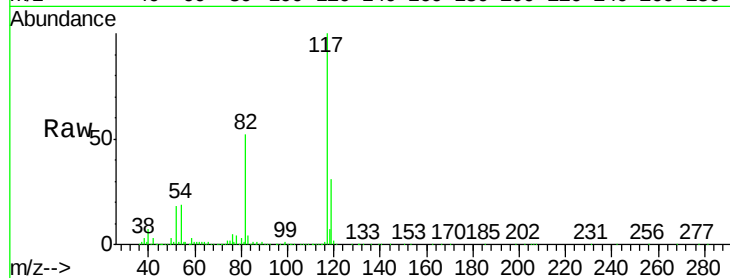
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	42.1	63.1
119	31.5	26.5	39.7

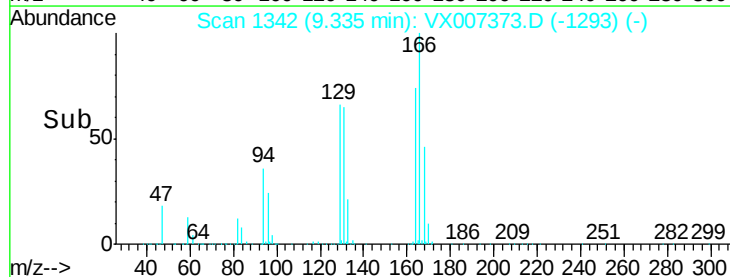
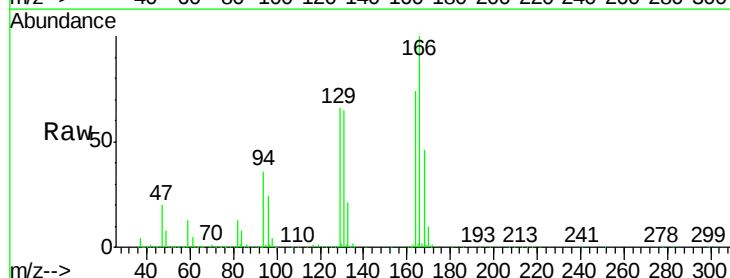
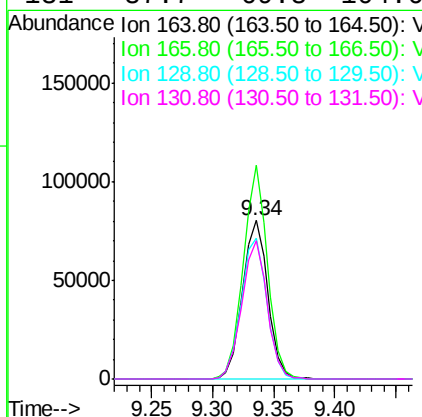
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#64
Tetrachloroethene
Concen: 19.955 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

Tgt Ion	Ratio	Lower	Upper
164	100		
166	135.0	101.0	151.4
129	89.0	70.5	105.7
131	87.7	69.8	104.6





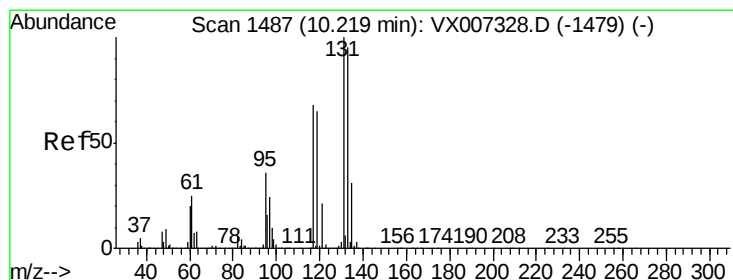
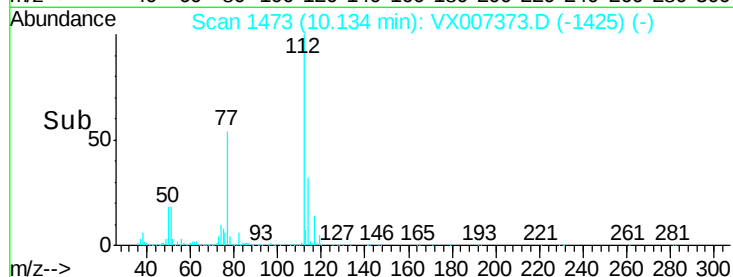
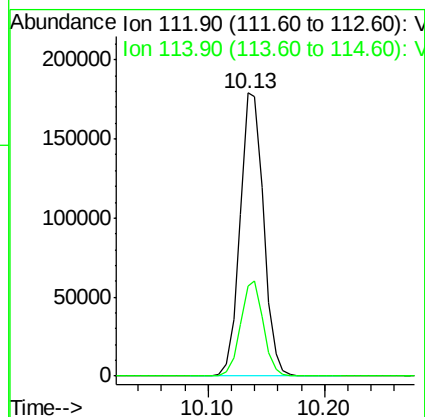
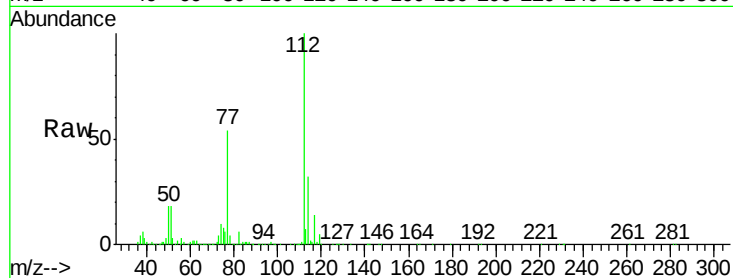
#65
Chlorobenzene
Concen: 18.897 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBSD01

Tot Ion:112 Resp: 253040
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6

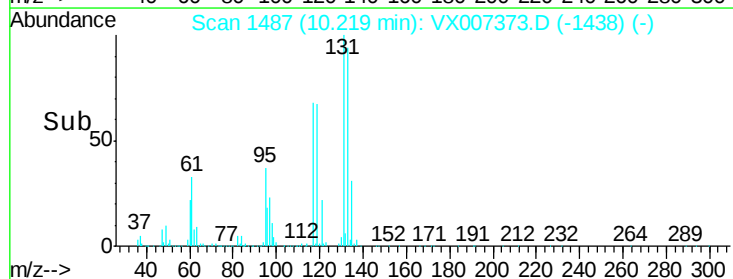
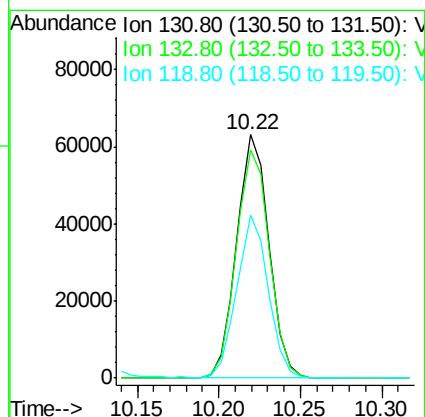
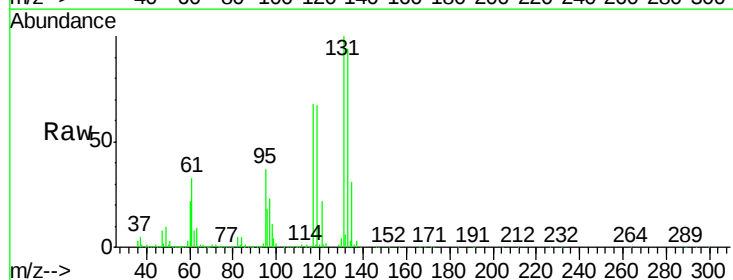
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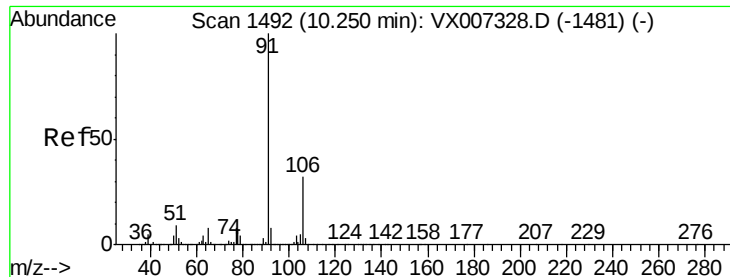
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.385 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

Tgt Ion:131 Resp: 87031
Ion Ratio Lower Upper
131 100
133 96.4 48.0 144.2
119 65.3 32.0 96.0





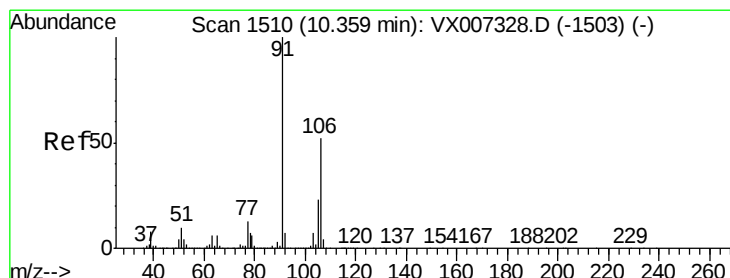
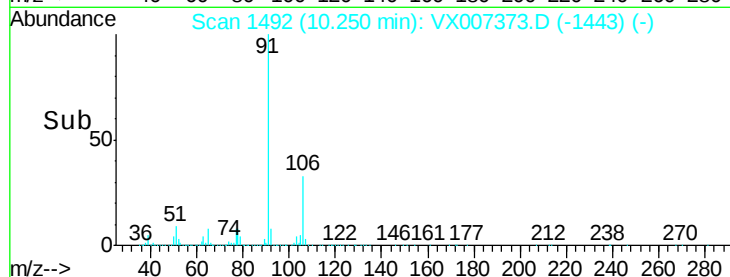
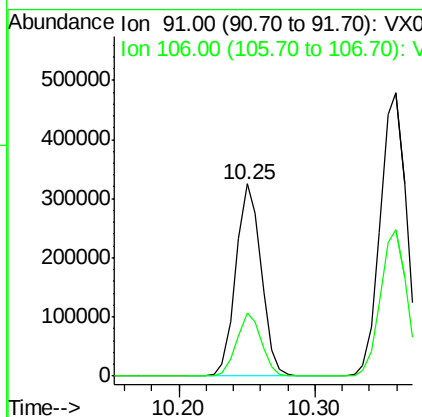
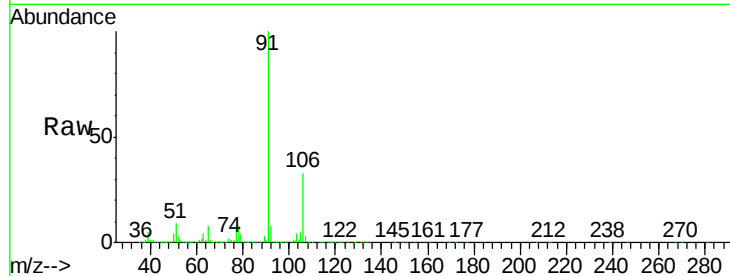
#67
Ethyl Benzene
Concen: 19.502 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

Instrument :
MSVOA_X
ClientSampled :
VX0205WBSD01

Tot Ion: 91 Resp: 420534
Ion Ratio Lower Upper
91 100
106 32.7 25.4 38.0

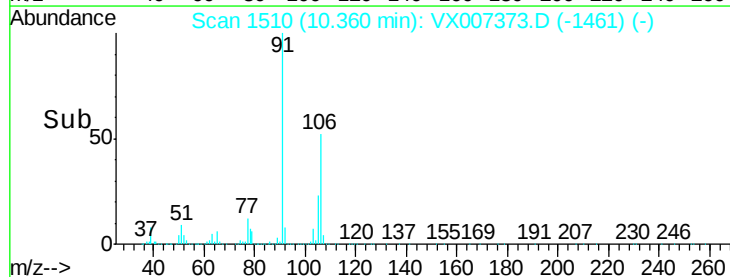
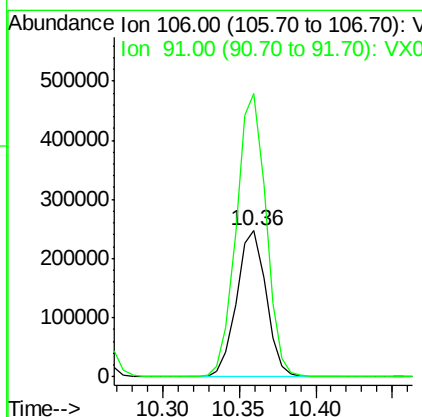
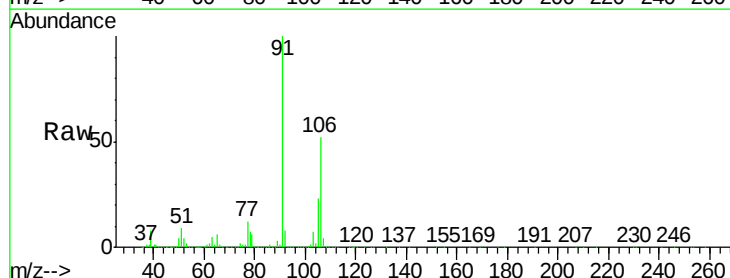
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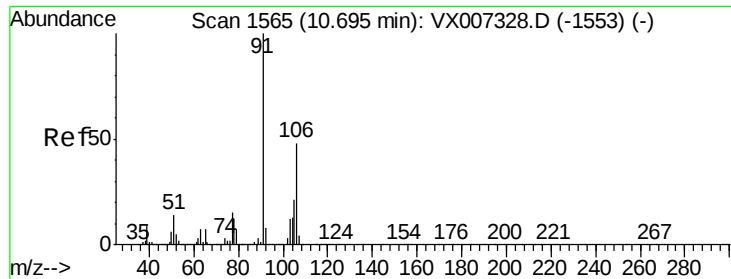
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#68
m/p-Xylenes
Concen: 38.584 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

Tgt Ion: 106 Resp: 330743
Ion Ratio Lower Upper
106 100
91 194.8 156.6 234.8





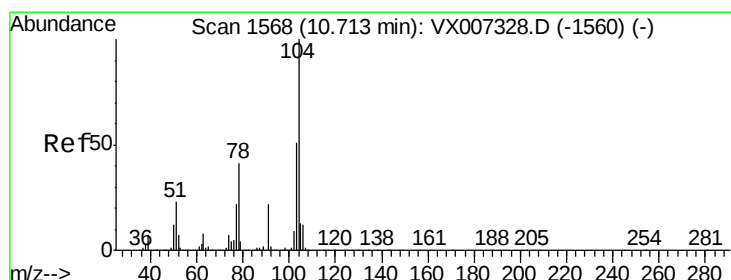
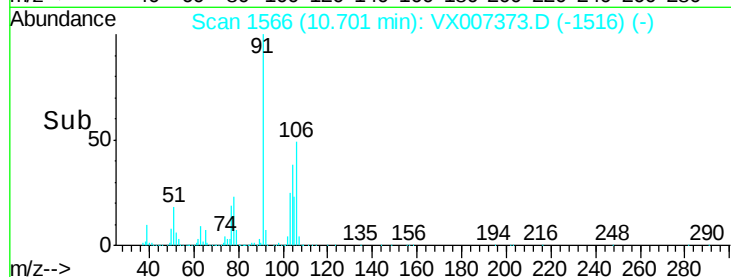
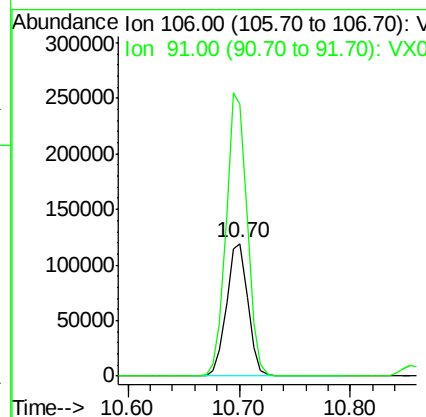
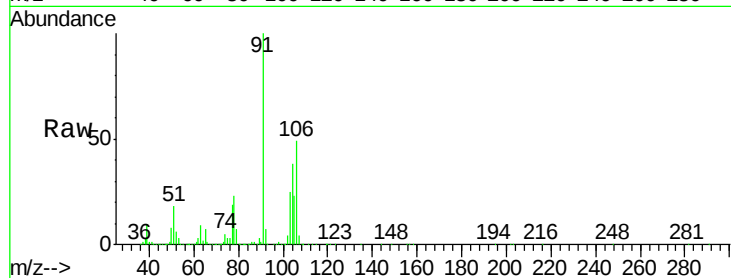
#69
o-Xylene
Concen: 19.260 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	208.6	102.9	308.7	

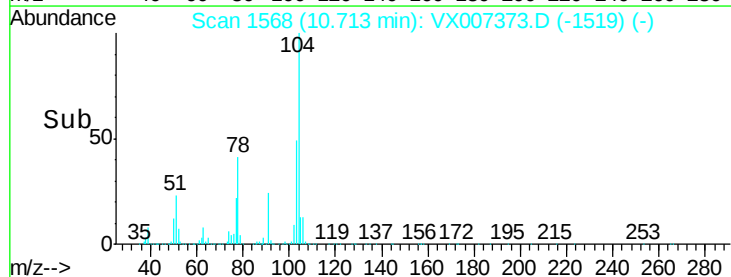
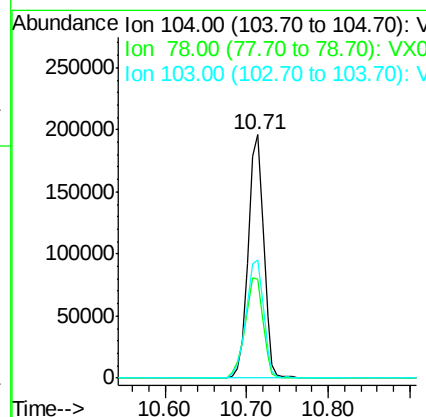
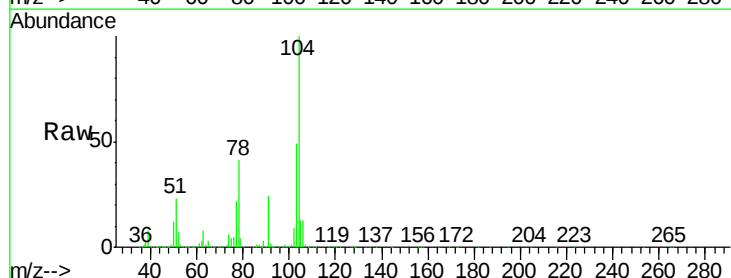
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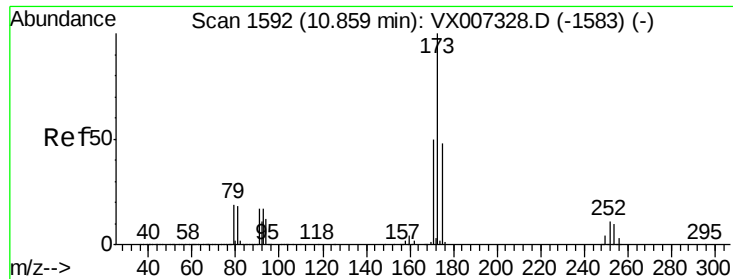
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#70
Styrene
Concen: 19.207 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	47.6	38.3	57.5	
103	55.0	44.6	67.0	





#71

Bromoform

Concen: 18.487 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Instrument :

MSVOA_X

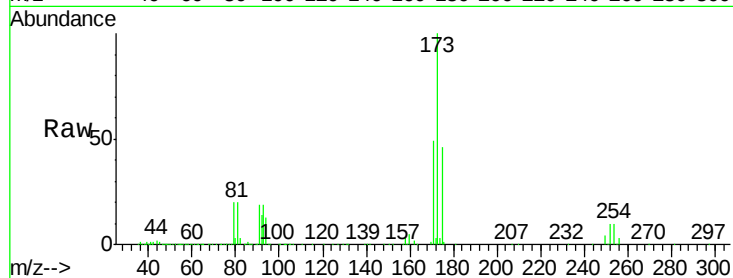
ClientSampleId :

VX0205WBSD01

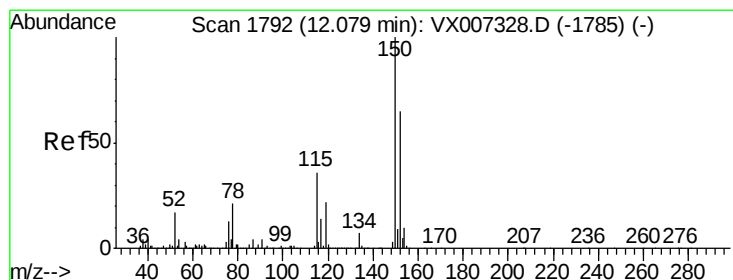
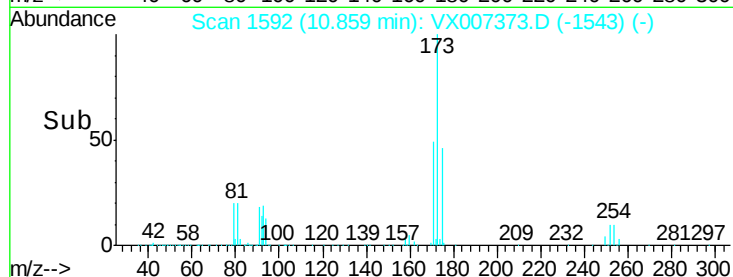
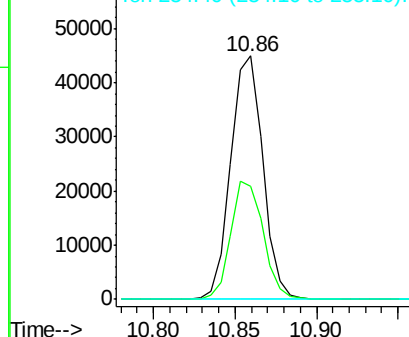
Tot Ion:	173	Resp:	61920
Ion Ratio	Lower	Upper	
173	100		
175	48.7	24.2	72.6
254	0.2	0.2	0.2

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

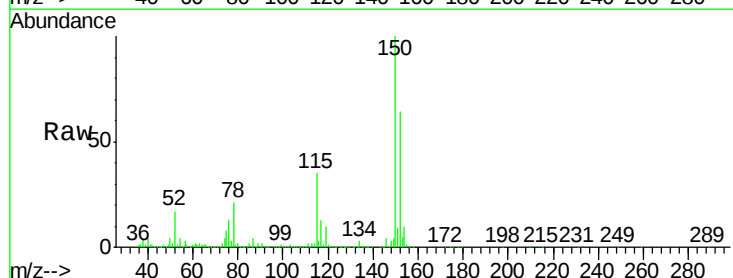
RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

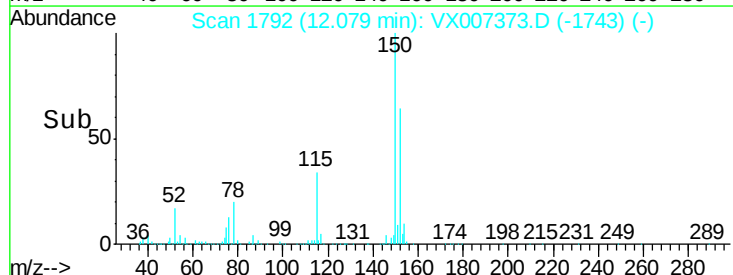
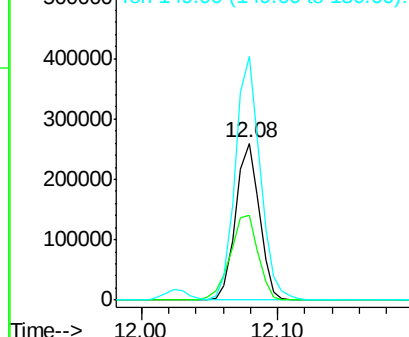
Lab File: VX007373.D

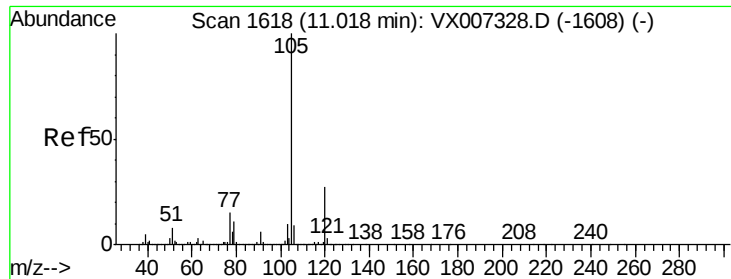
Acq: 05 Feb 2019 13:38

Tgt Ion:	152	Resp:	314894
Ion Ratio	Lower	Upper	
152	100		
115	63.9	38.0	114.0
150	162.7	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: 19.931 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0205WBSD01

Tot Ion: 105 Resp: 426500

Ion Ratio Lower Upper

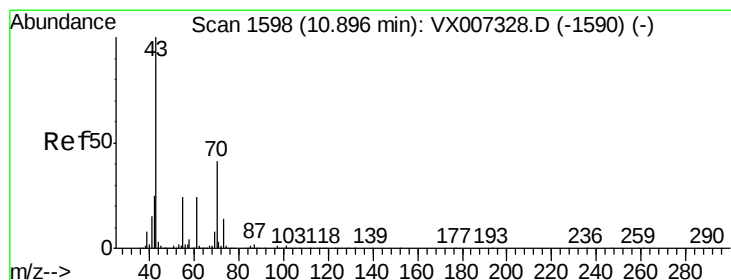
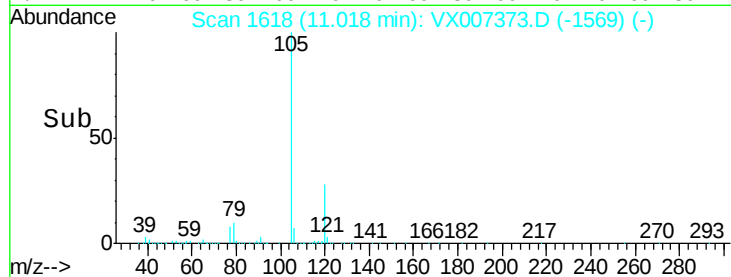
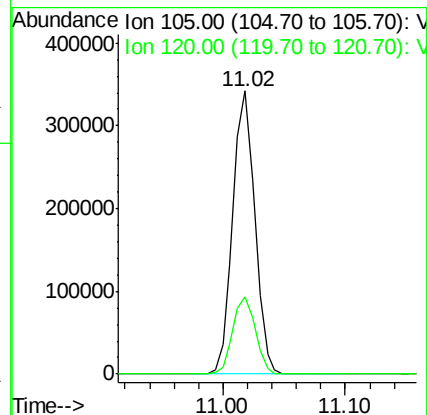
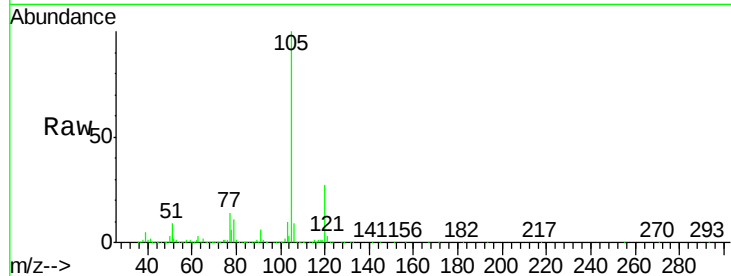
105 100

120 28.0 13.6 40.7

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#74

N-ethyl acetate

Concen: 19.786 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Tgt Ion: 43 Resp: 163765

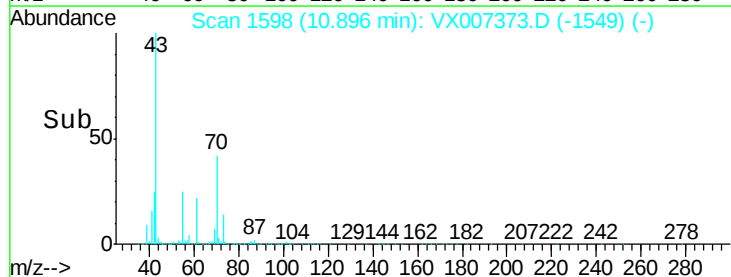
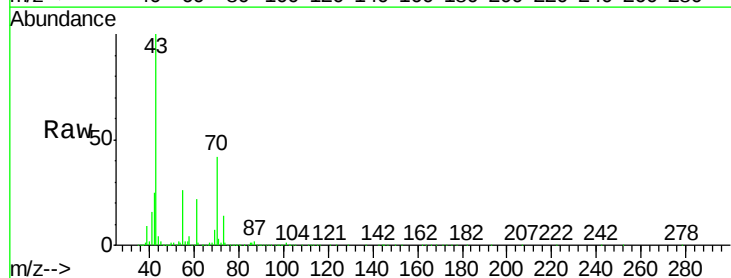
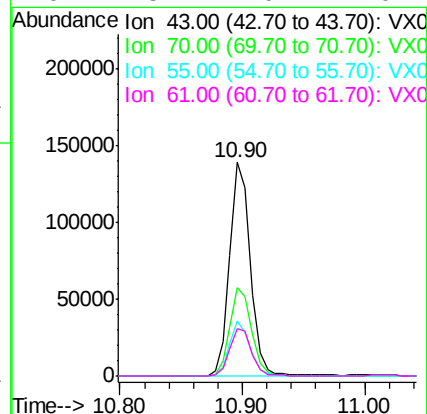
Ion Ratio Lower Upper

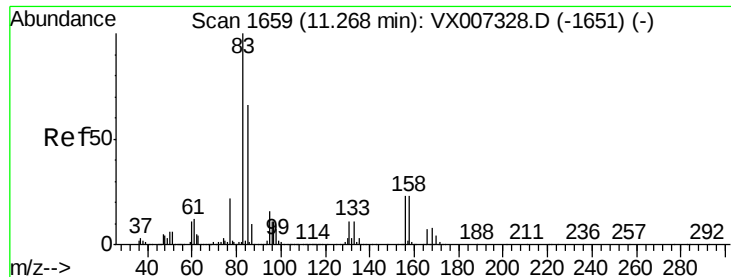
43 100

70 42.9 33.8 50.6

55 25.4 19.5 29.3

61 23.1 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.484 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Instrument :

MSVOA_X

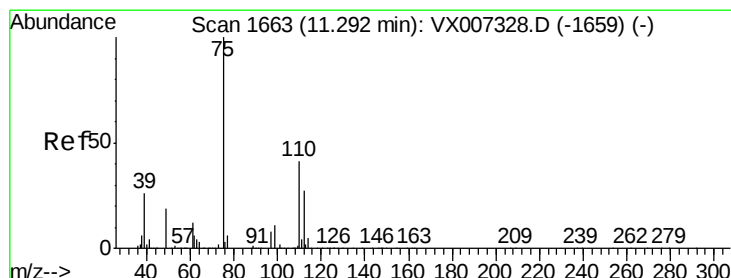
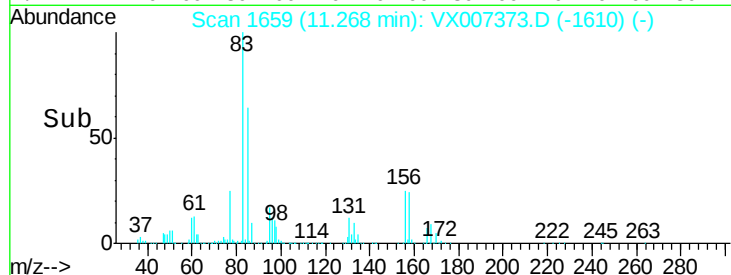
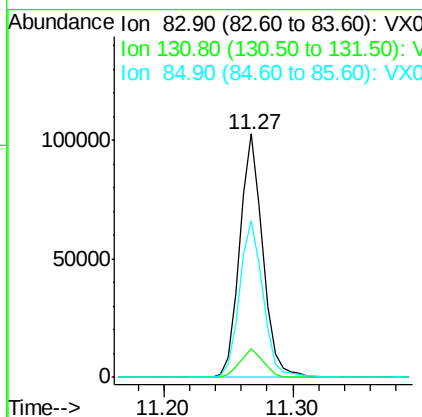
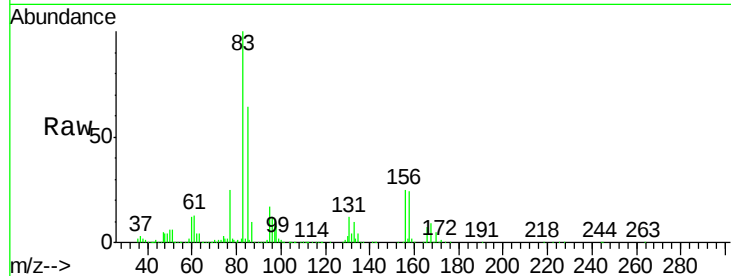
ClientSampleId :

VX0205WBSD01

Tot Ion:	83	Resp:	127064
Ion Ratio	Lower	Upper	
83	100		
131	11.9	5.7	17.0
85	66.0	32.8	98.3

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#76

1,2,3-Trichloropropane

Concen: 20.114 ug/l m

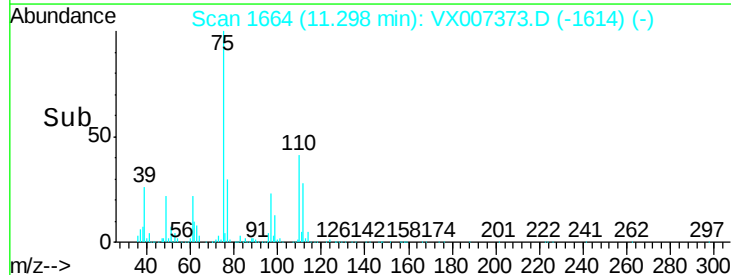
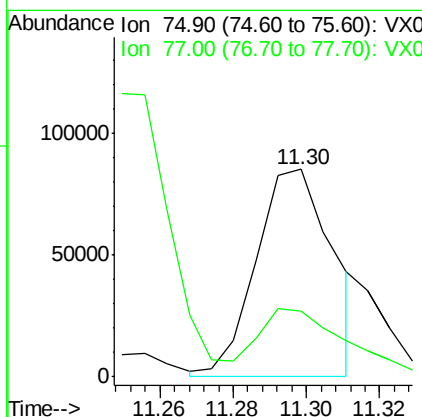
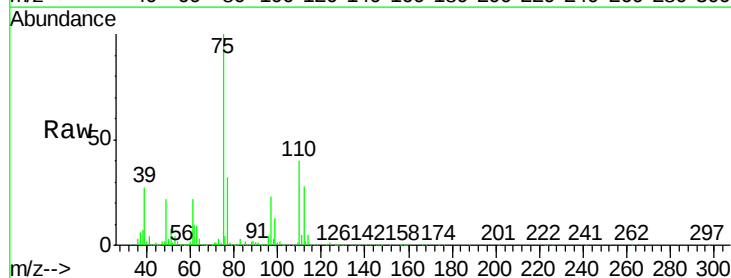
RT: 11.30 min Scan# 1664

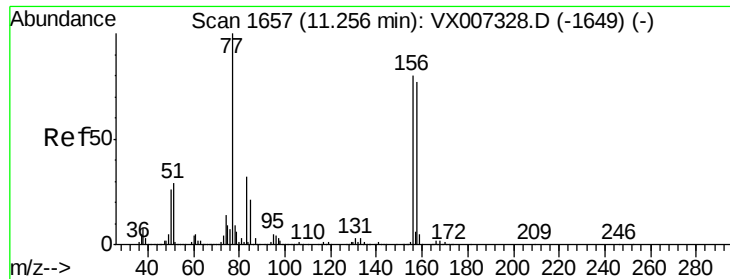
Delta R.T. 0.01 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Tgt Ion:	75	Resp:	123200
Ion Ratio	Lower	Upper	
75	100		
77	37.8	23.0	69.0





#77

Bromobenzene

Concen: 19.450 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Instrument :

MSVOA_X

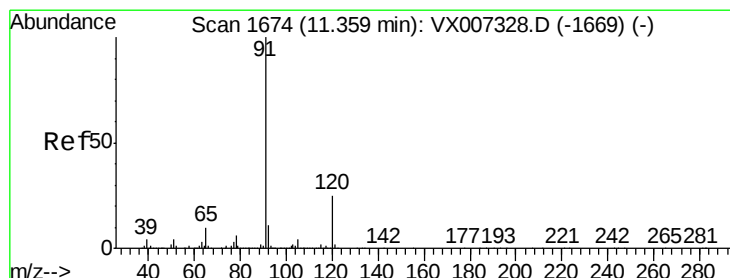
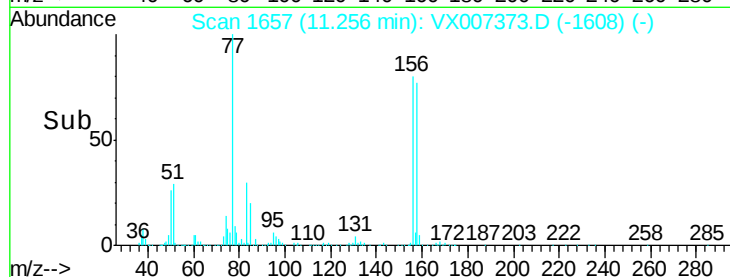
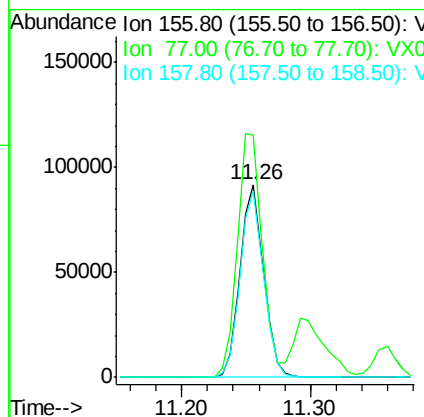
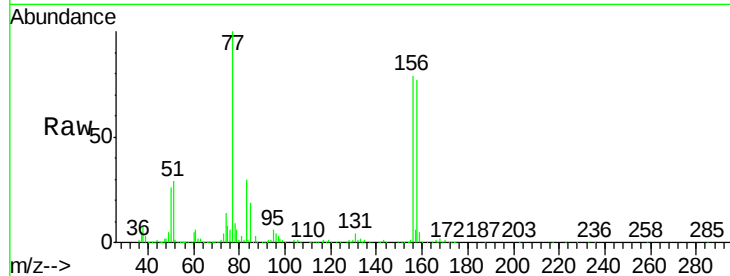
ClientSampleId :

VX0205WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	134.6	66.8	200.6
158	96.0	47.9	143.8

Manual Integrations
APPROVED

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#78

n-propylbenzene

Concen: 20.028 ug/l

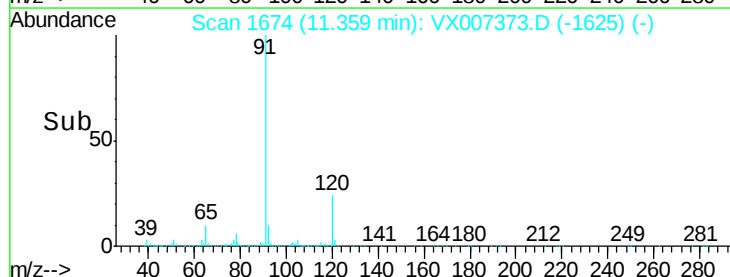
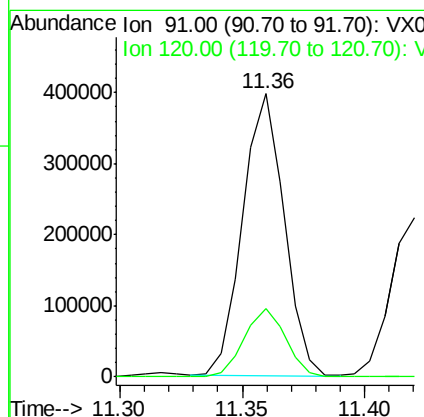
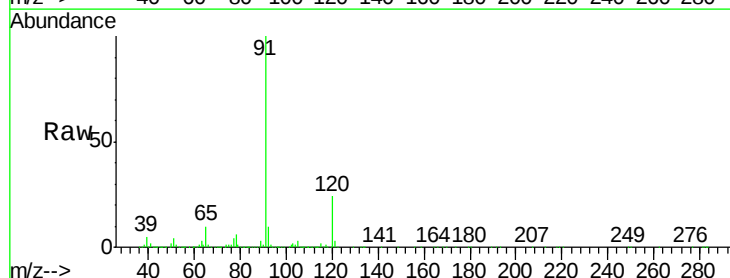
RT: 11.36 min Scan# 1674

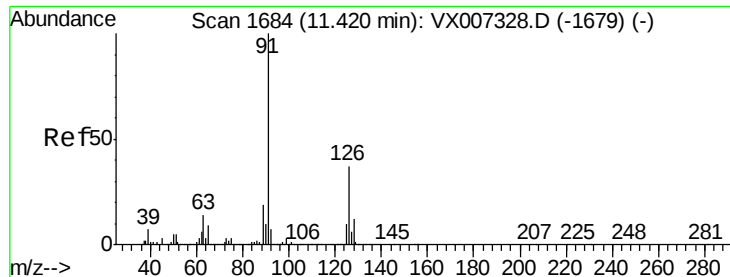
Delta R.T. 0.00 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.3	12.4	37.2





#79

2-Chlorotoluene

Concen: 19.672 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0205WBSD01

Tot Ion: 91 Resp: 280085

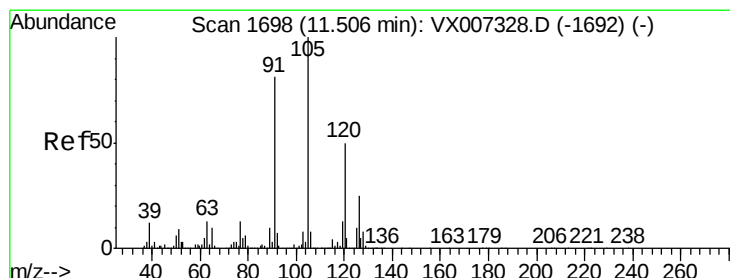
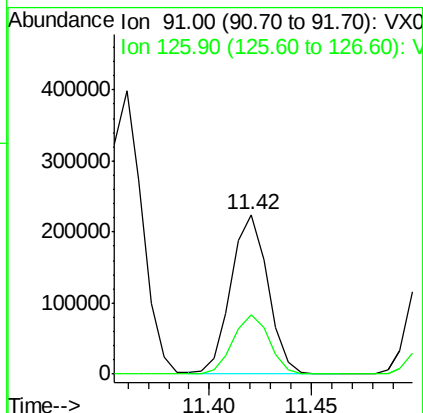
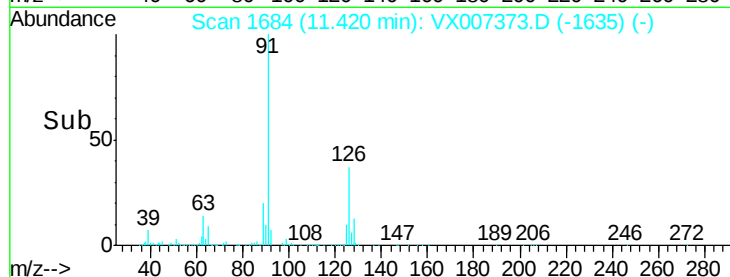
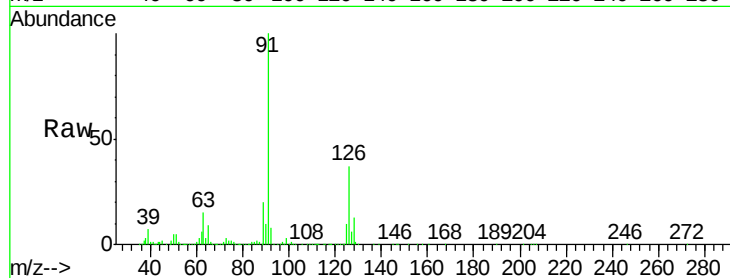
Ion Ratio Lower Upper

91 100

126 37.1 18.7 56.1

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#80

1,3,5-Trimethylbenzene

Concen: 19.900 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007373.D

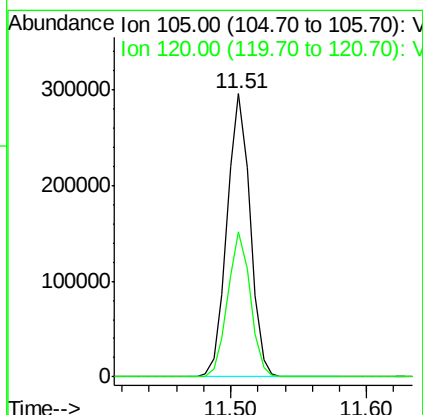
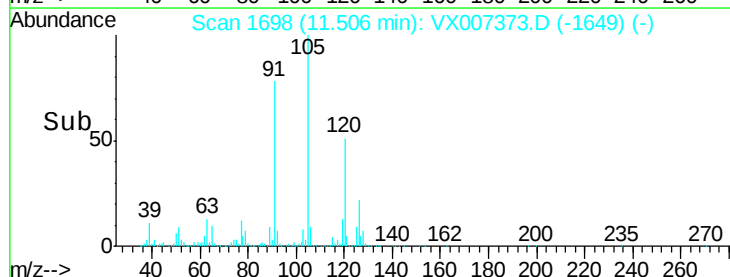
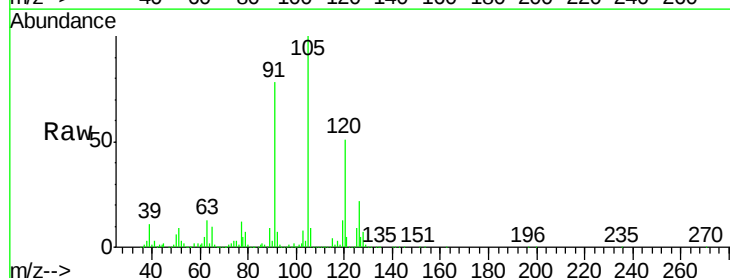
Acq: 05 Feb 2019 13:38

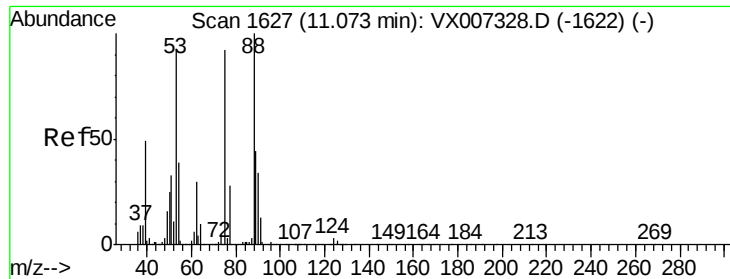
Tgt Ion: 105 Resp: 348379

Ion Ratio Lower Upper

105 100

120 50.0 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.488 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Instrument :

MSVOA_X

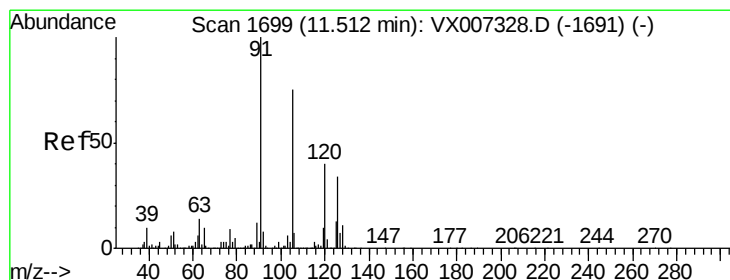
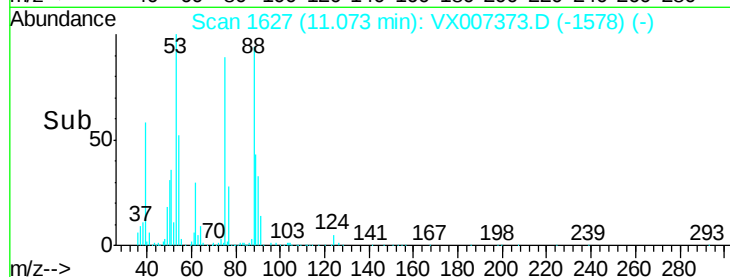
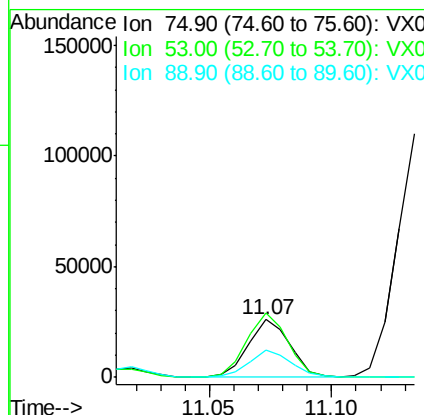
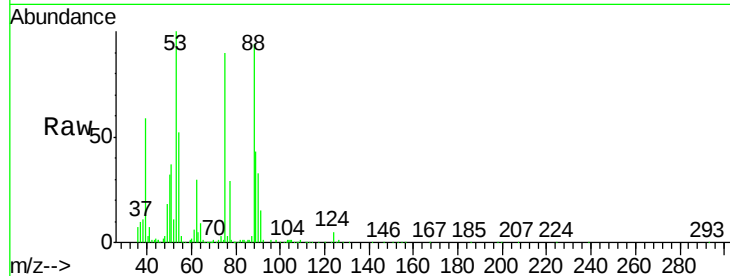
ClientSampleId :

VX0205WBSD01

Tot Ion:	75	Resp:	30868
Ion	Ratio	Lower	Upper
75	100		
53	113.1	81.0	121.6
89	48.3	41.4	62.0

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#82

4-Chlorotoluene

Concen: 19.518 ug/l

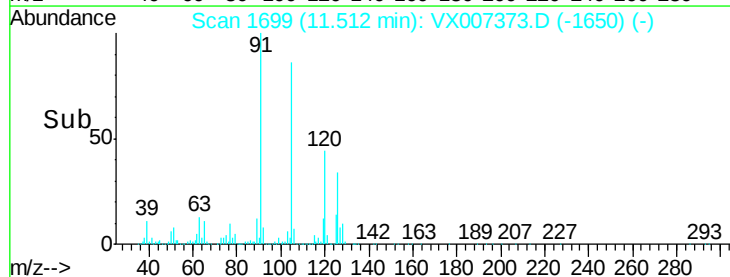
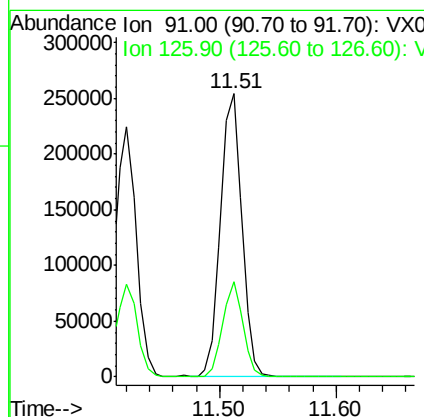
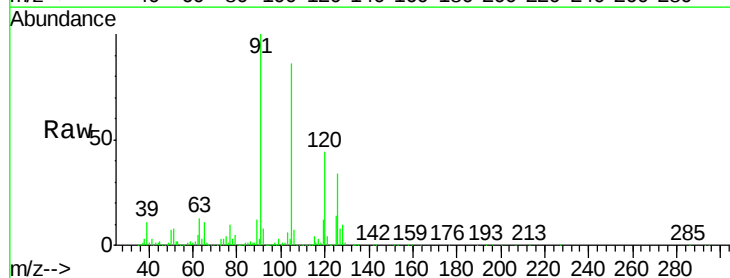
RT: 11.51 min Scan# 1699

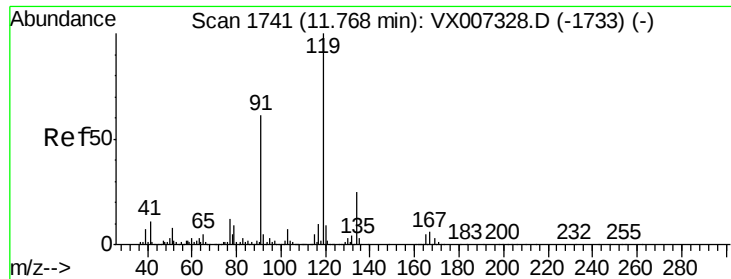
Delta R.T. 0.00 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Tgt Ion:	91	Resp:	321554
Ion	Ratio	Lower	Upper
91	100		
126	31.7	16.2	48.5





#83

tert-Butylbenzene

Concen: 19.161 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Instrument :

MSVOA_X

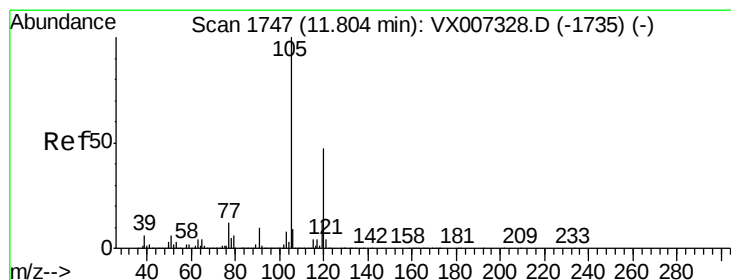
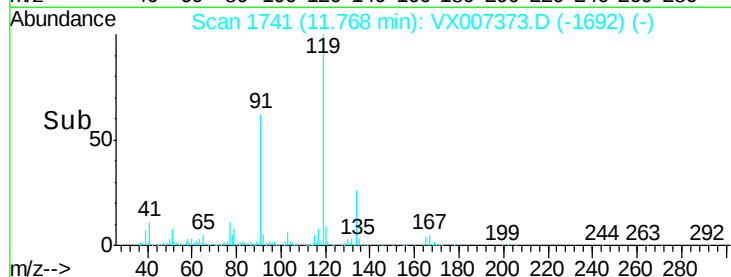
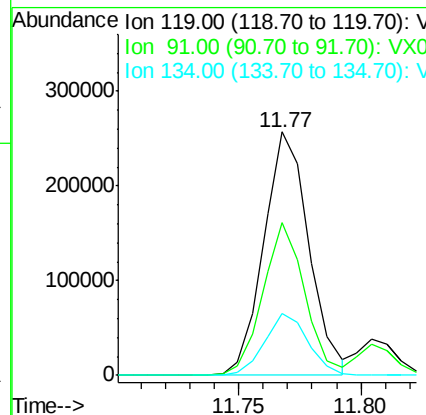
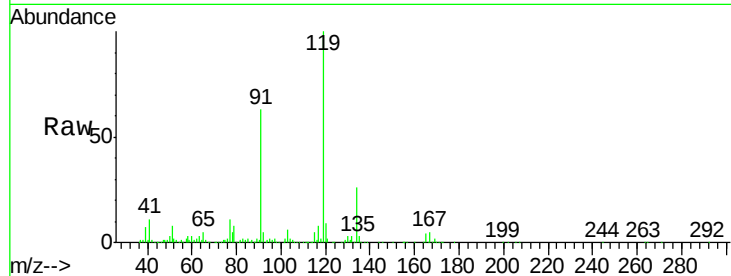
ClientSampleId :

VX0205WBSD01

Tot Ion:	119	Resp:	332107
Ion Ratio	Lower	Upper	
119	100		
91	58.5	28.5	85.6
134	24.8	12.0	36.0

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#84

1,2,4-Trimethylbenzene

Concen: 20.374 ug/l

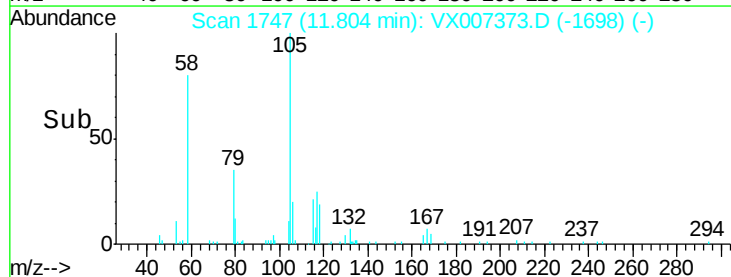
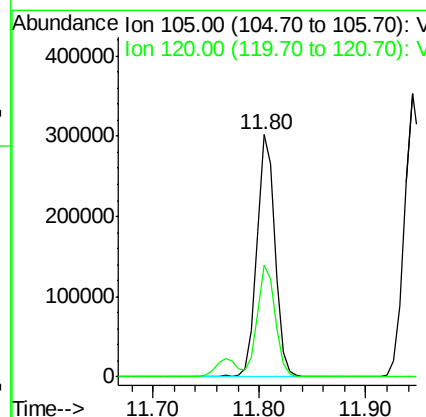
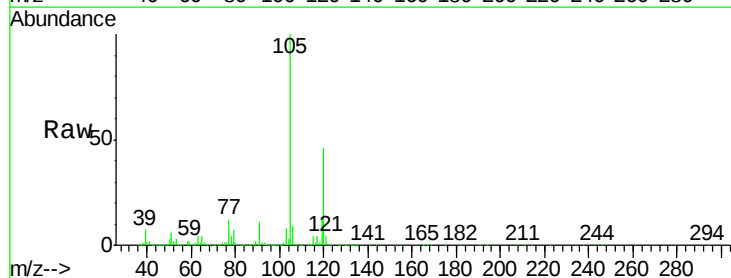
RT: 11.80 min Scan# 1747

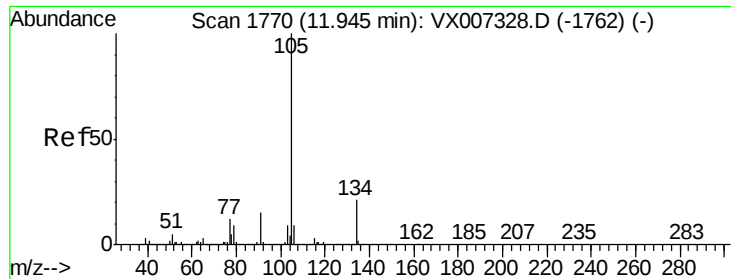
Delta R.T. 0.00 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Tgt Ion:	105	Resp:	362122
Ion Ratio	Lower	Upper	
105	100		
120	45.3	23.1	69.3





#85

sec-Butylbenzene

Concen: 20.023 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0205WBSD01

Tot Ion:105 Resp: 420053

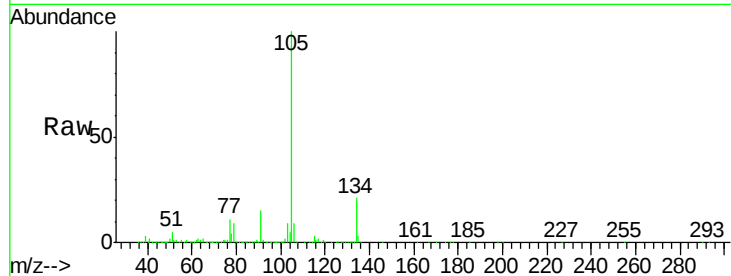
Ion Ratio Lower Upper

105 100

134 21.8 10.6 31.8

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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

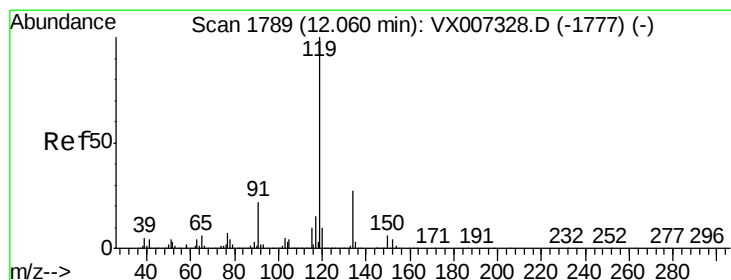
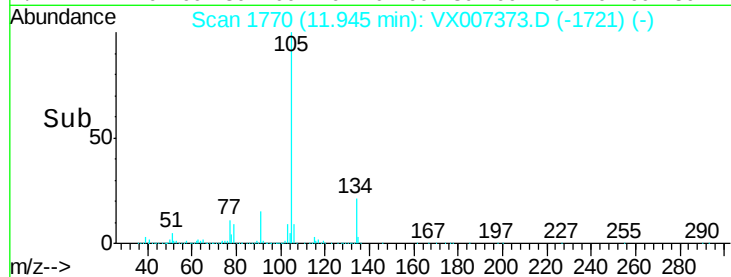
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.660 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007373.D

Acq: 05 Feb 2019 13:38

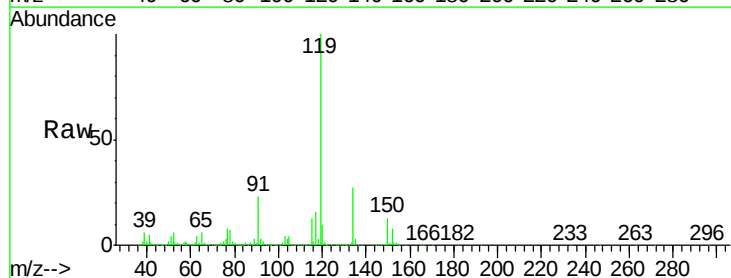
Tgt Ion:119 Resp: 372302

Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.1

91 22.6 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

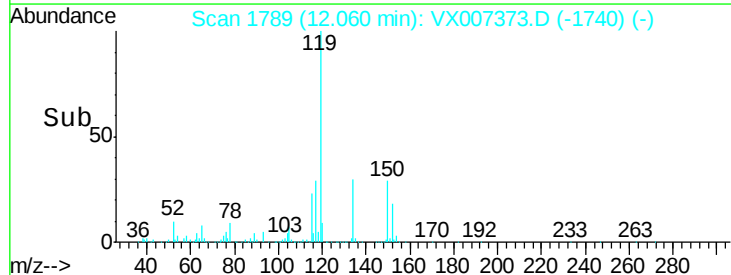
300000

200000

100000

0

Time-->





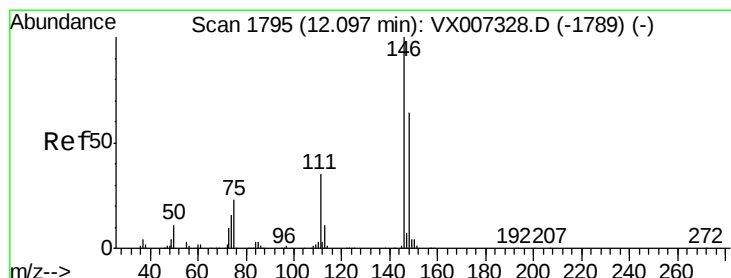
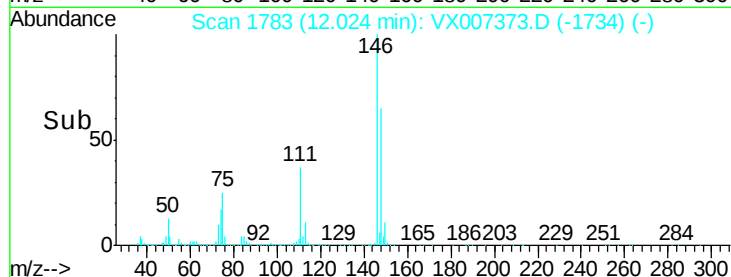
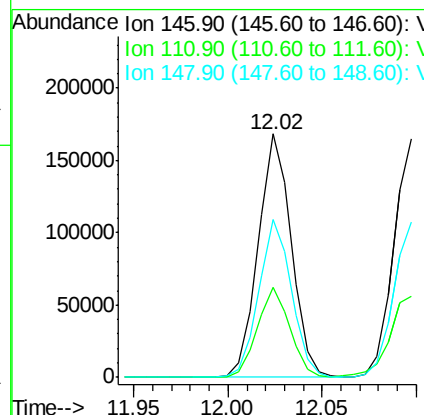
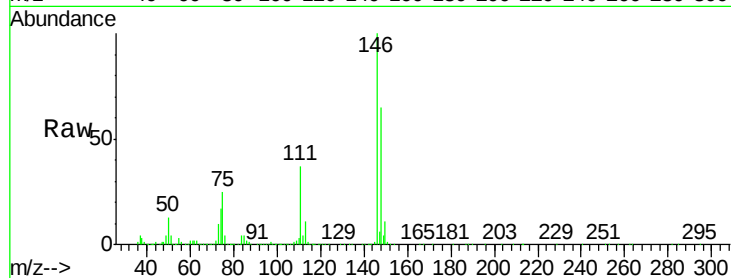
#87
 1,3-Dichlorobenzene
 Concen: 18.908 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007373.D
 Acq: 05 Feb 2019 13:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0205WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.1	54.1
148	64.2	32.0	96.2

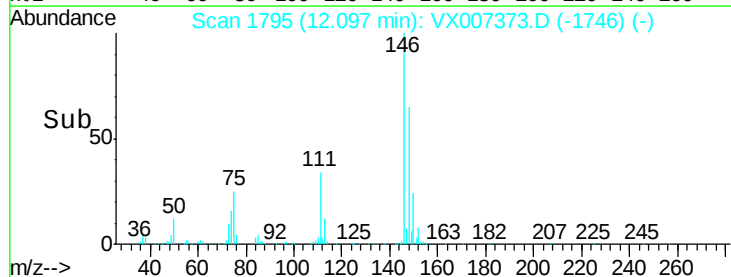
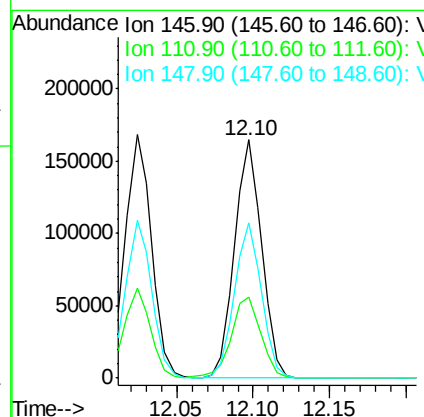
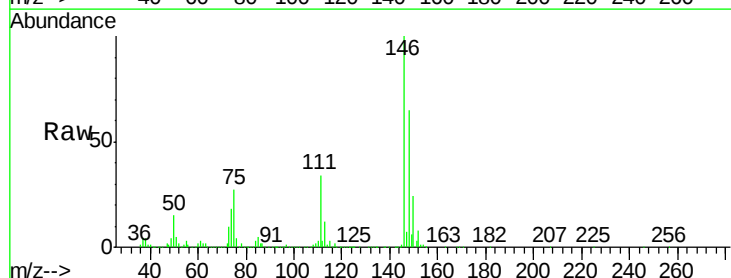
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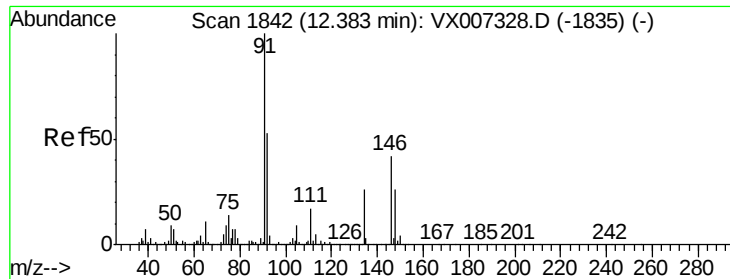
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#88
 1,4-Dichlorobenzene
 Concen: 18.385 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007373.D
 Acq: 05 Feb 2019 13:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.1	54.1
148	65.3	32.3	96.9





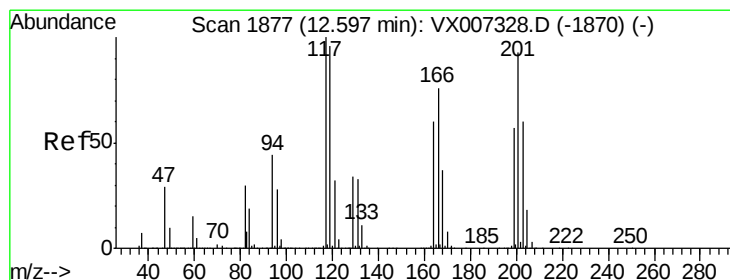
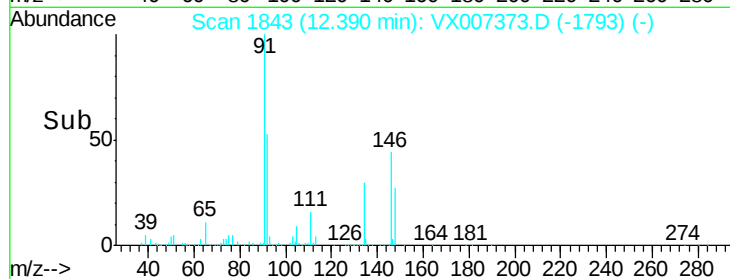
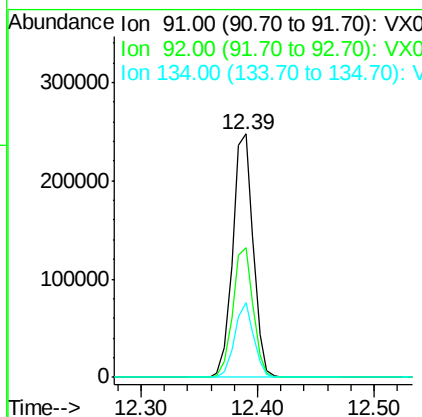
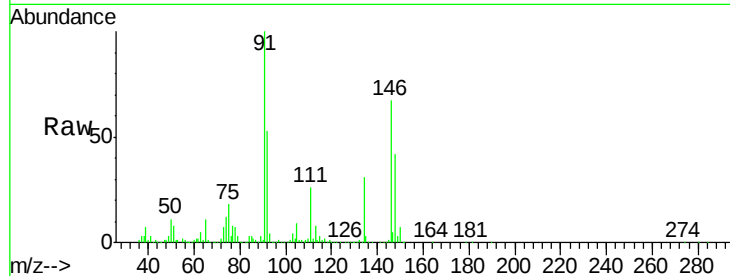
#89
n-Butylbenzene
Concen: 18.690 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.3	78.9
134	28.6	13.9	41.6

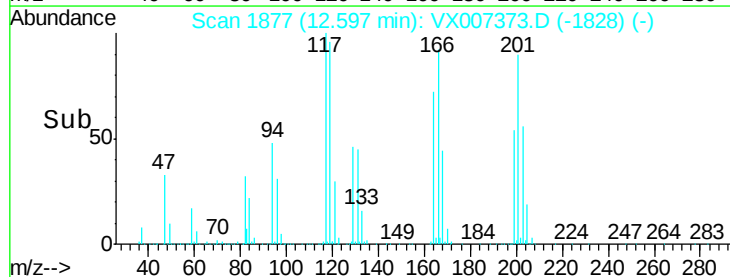
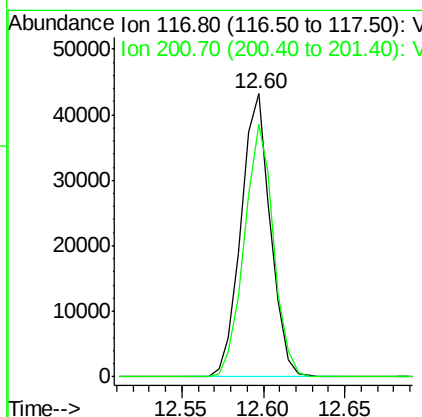
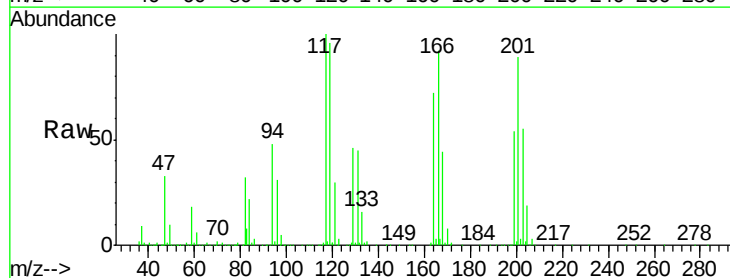
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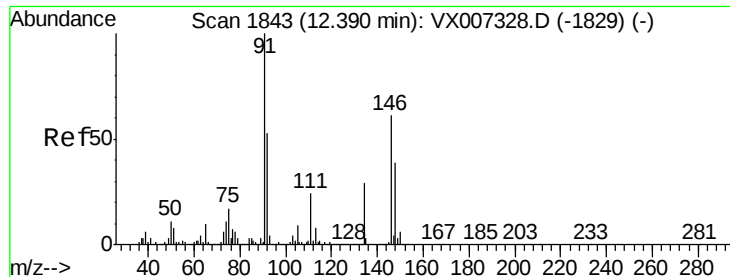
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#90
Hexachloroethane
Concen: 19.170 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.5	44.9	134.7





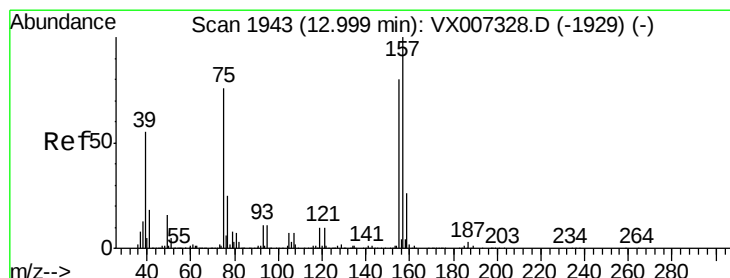
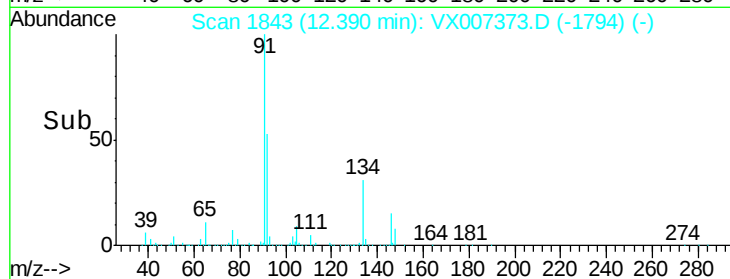
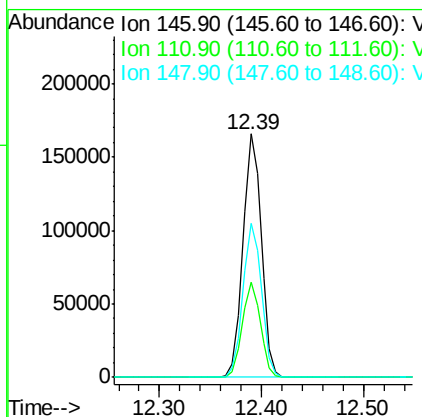
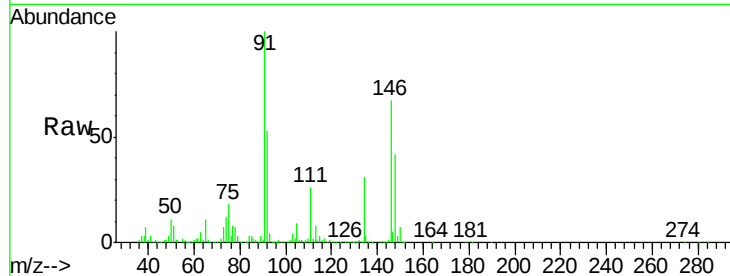
#91
 1,2-Dichlorobenzene
 Concen: 19.151 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007373.D
 Acq: 05 Feb 2019 13:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0205WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	206221		
111	38.5	19.1	57.3	
148	63.7	32.1	96.3	

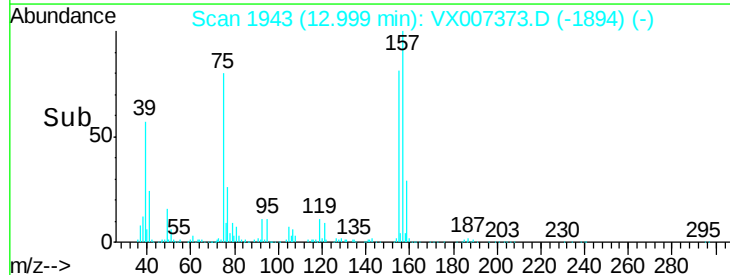
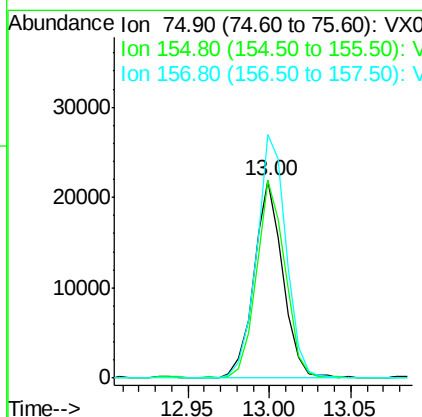
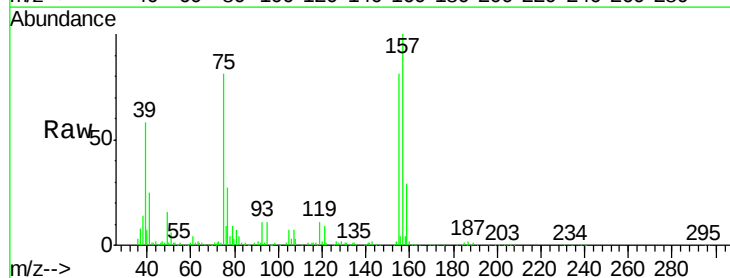
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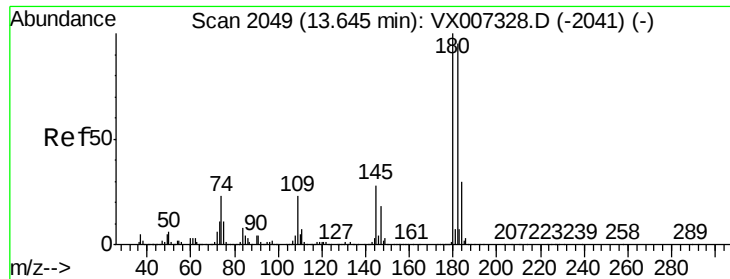
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.761 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007373.D
 Acq: 05 Feb 2019 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	26796		
155	100.0	49.6	149.0	
157	126.2	65.1	195.3	





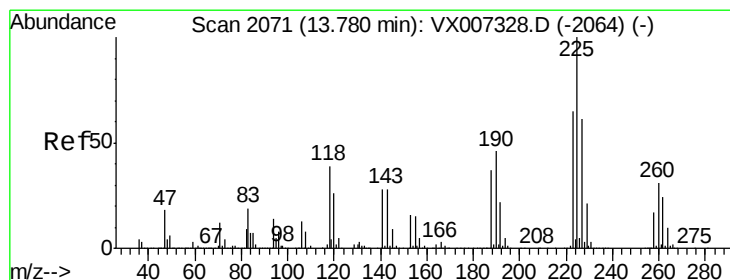
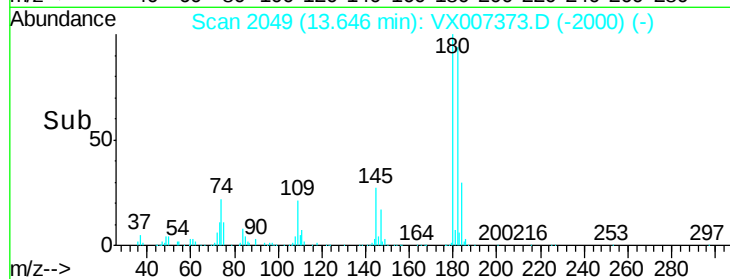
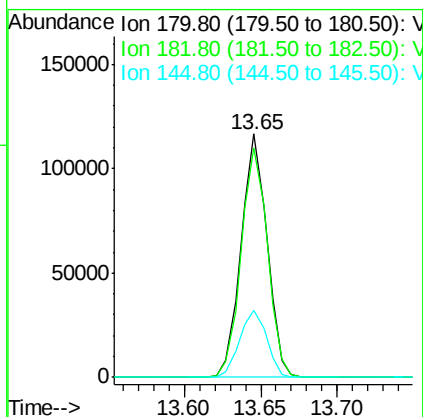
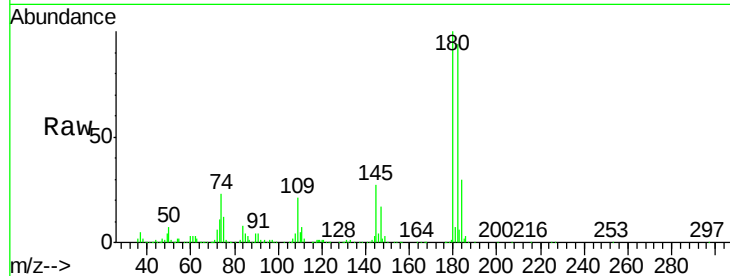
#93
 1,2,4-Trichlorobenzene
 Concen: 18.966 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007373.D
 Acq: 05 Feb 2019 13:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0205WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	137734		
182	95.4	47.8	143.3	
145	28.9	14.1	42.2	

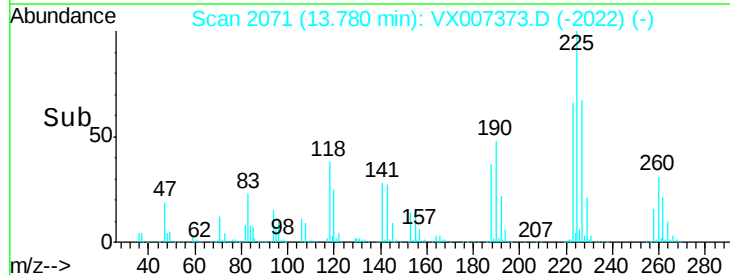
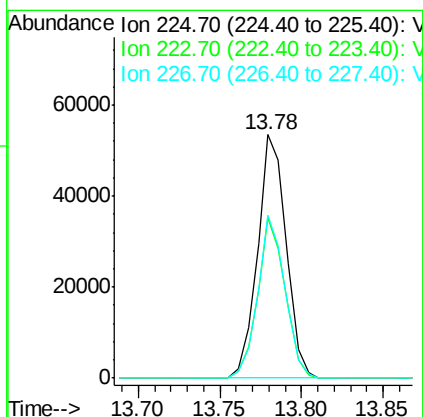
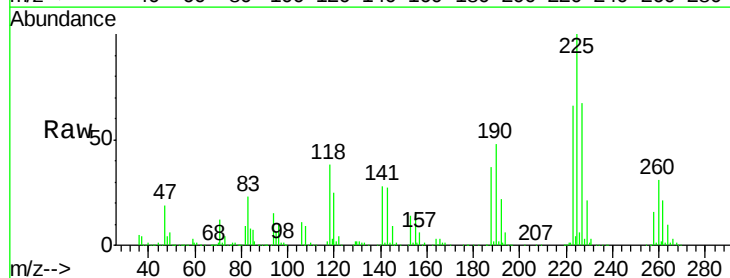
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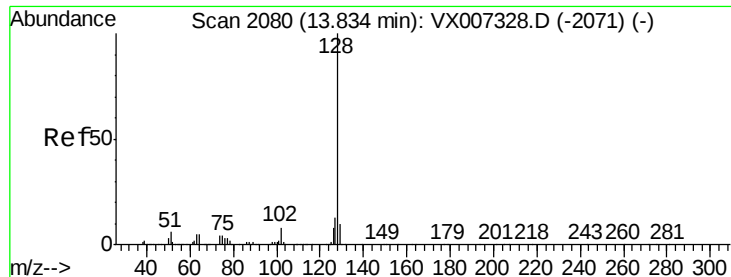
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 2/6/2019 9:29:53 AM



#94
 Hexachlorobutadiene
 Concen: 18.398 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007373.D
 Acq: 05 Feb 2019 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	64878		
223	63.2	31.6	94.8	
227	63.6	32.1	96.3	





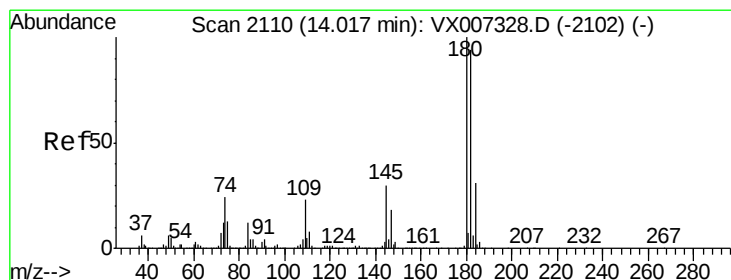
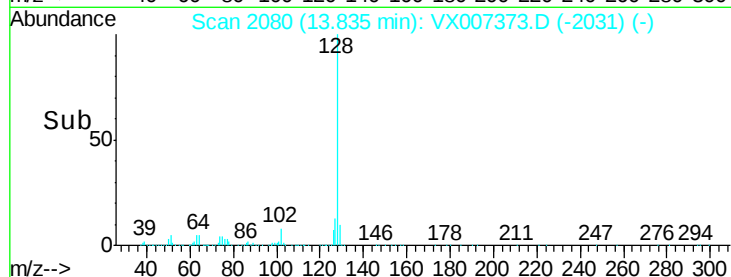
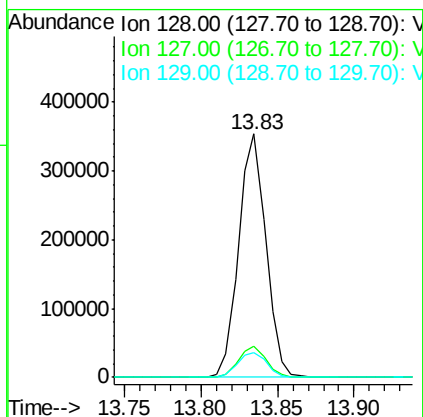
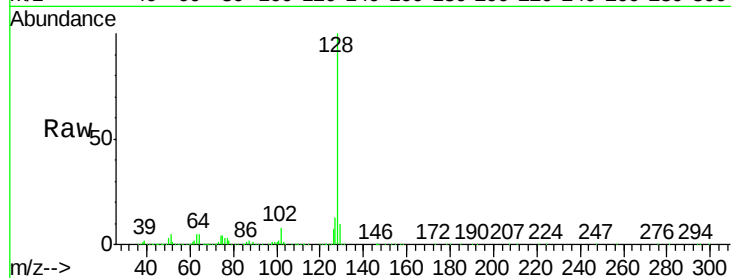
#95
Naphthalene
Concen: 20.512 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
2/6/2019 9:29:53 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.045 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX007373.D
Acq: 05 Feb 2019 13:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.5	142.6
145	30.2	14.9	44.5

