

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122818\
 Data File : VX006855.D
 Acq On : 28 Dec 2018 12:34
 Operator : JC/MD
 Sample : VX1228WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1228WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/2/2019 10:45:08 AM

Quant Time: Dec 29 00:06:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	570959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	846997	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	763583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	385777	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	292971	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
35) Dibromofluoromethane	5.51	113	264684	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
50) Toluene-d8	8.71	98	973066	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	
62) 4-Bromofluorobenzene	11.13	95	350247	47.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	85921	16.450	ug/l	97
3) Chloromethane	1.33	50	98663	17.533	ug/l	99
4) Vinyl Chloride	1.41	62	103641	17.634	ug/l	100
5) Bromomethane	1.64	94	96404	16.285	ug/l	98
6) Chloroethane	1.72	64	69140	16.990	ug/l	98
7) Trichlorofluoromethane	1.93	101	168691	18.410	ug/l	95
8) Diethyl Ether	2.19	74	68821	18.910	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	100178	18.620	ug/l	99
10) Methyl Iodide	2.51	142	133768	17.369	ug/l	98
11) Tert butyl alcohol	3.07	59	133765	97.404	ug/l	97
12) 1,1-Dichloroethene	2.37	96	92048	18.044	ug/l	93
13) Acrolein	2.30	56	93604	101.036	ug/l	98
14) Allyl chloride	2.73	41	162249	18.895	ug/l	98
15) Acrylonitrile	3.15	53	309783	101.596	ug/l	99
16) Acetone	2.45	43	265344	93.856	ug/l	97
17) Carbon Disulfide	2.57	76	190366	14.101	ug/l	100
18) Methyl Acetate	2.78	43	193537	23.281	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	353341	20.869	ug/l	99
20) Methylene Chloride	2.86	84	114011	19.502	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	101582	17.972	ug/l	98
22) Diisopropyl ether	3.87	45	321270	20.451	ug/l	92
23) Vinyl Acetate	3.82	43	1266211	98.542	ug/l	100
24) 1,1-Dichloroethane	3.70	63	174194	18.576	ug/l	98
25) 2-Butanone	4.70	43	383722	96.492	ug/l	97
26) 2,2-Dichloropropane	4.59	77	123040	16.986	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	116973	18.757	ug/l	97
28) Bromochloromethane	5.02	49	83934	20.125	ug/l	95
29) Tetrahydrofuran	5.15	42	253535	96.799	ug/l	100
30) Chloroform	5.21	83	186316	19.186	ug/l	100
31) Cyclohexane	5.57	56	142905	16.774	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	153729	18.748	ug/l	97
36) 1,1-Dichloropropene	5.80	75	127138	18.124	ug/l	98
37) Ethyl Acetate	4.85	43	147178	20.157	ug/l	98
38) Carbon Tetrachloride	5.79	117	126794	18.598	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	151545	16.409	ug/l	98
40) Benzene	6.14	78	411562	19.301	ug/l	99
41) Methacrylonitrile	5.06	41	82855	21.374	ug/l	98
42) 1,2-Dichloroethane	6.20	62	141851	19.522	ug/l	100
43) Isopropyl Acetate	6.46	43	235835	21.228	ug/l	99
44) Trichloroethene	7.21	130	119406	18.501	ug/l	99
45) 1,2-Dichloropropane	7.52	63	104042	20.050	ug/l	94
46) Dibromomethane	7.66	93	73153	19.166	ug/l	97
47) Bromodichloromethane	7.90	83	120251	18.977	ug/l	94
48) Methyl methacrylate	7.77	41	121300	21.471	ug/l	97
49) 1,4-Dioxane	7.76	88	49970	324.630	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	763664	108.036	ug/l	100
52) Toluene	8.78	92	267612	19.426	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	129563	19.064	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	149558	20.056	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	114367	20.282	ug/l	98
56) Ethyl methacrylate	9.18	69	167995	21.079	ug/l	97
57) 1,3-Dichloropropane	9.37	76	181421	19.998	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	431542	101.866	ug/l	100
59) 2-Hexanone	9.49	43	568531	105.122	ug/l	99
60) Dibromochloromethane	9.59	129	101191	18.685	ug/l	99
61) 1,2-Dibromoethane	9.67	107	119141	19.876	ug/l	99
64) Tetrachloroethene	9.34	164	118197	19.548	ug/l	96
65) Chlorobenzene	10.14	112	309986	19.189	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	103429	20.521	ug/l	98
67) Ethyl Benzene	10.25	91	506005	19.169	ug/l	100
68) m/p-Xylenes	10.36	106	399892	38.391	ug/l	99
69) o-Xylene	10.70	106	198361	19.285	ug/l	98
70) Styrene	10.71	104	309560	19.023	ug/l	97
71) Bromoform	10.86	173	70221	18.528	ug/l	98
73) Isopropylbenzene	11.02	105	514914	19.510	ug/l	98
74) N-amyl acetate	10.90	43	211608	22.400	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	167452	21.334	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	151820m	21.176	ug/l	
77) Bromobenzene	11.26	156	143461	20.106	ug/l	97
78) n-propylbenzene	11.36	91	560169	19.275	ug/l	100
79) 2-Chlorotoluene	11.42	91	334162	18.973	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	415912	19.133	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	36018	18.227	ug/l	90
82) 4-Chlorotoluene	11.51	91	387527	19.182	ug/l	99
83) tert-Butylbenzene	11.77	119	415470	19.097	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	433577	18.963	ug/l	100
85) sec-Butylbenzene	11.94	105	492159	18.451	ug/l	99
86) p-Isopropyltoluene	12.06	119	441748	18.840	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	248121	19.295	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	249220	18.905	ug/l	99
89) n-Butylbenzene	12.39	91	363631	18.222	ug/l	99
90) Hexachloroethane	12.60	117	58292	18.132	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	249213	19.373	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	29546	18.193	ug/l	98

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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01

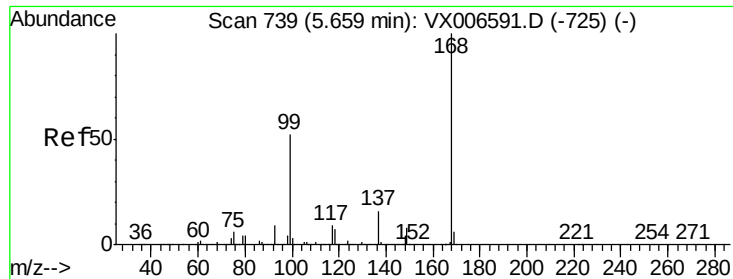
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	161414	18.191	ug/l	99
94) Hexachlorobutadiene	13.78	225	71967	17.207	ug/l	99
95) Naphthalene	13.83	128	503073	17.763	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	162673	17.756	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX1228WBSD01

Tot Ion:168 Resp: 570959

Ion Ratio Lower Upper

168 100

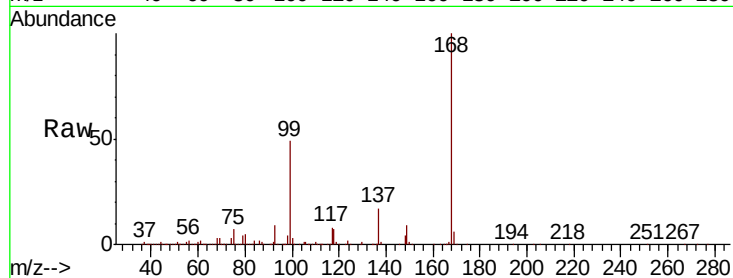
99 48.7 41.8 62.8

Manual Integrations

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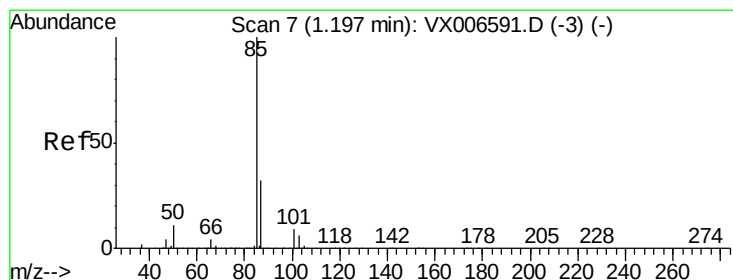
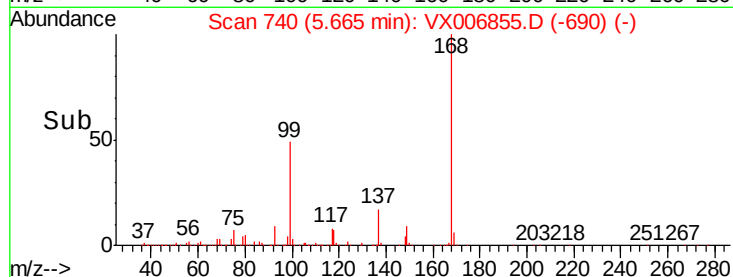
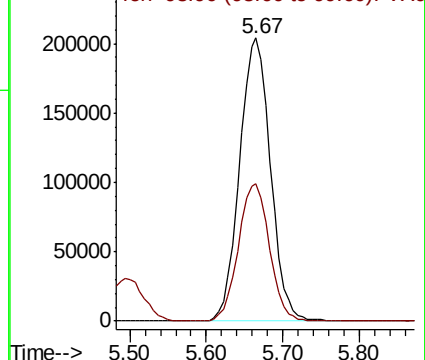
MMDadoda

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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: 16.450 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006855.D

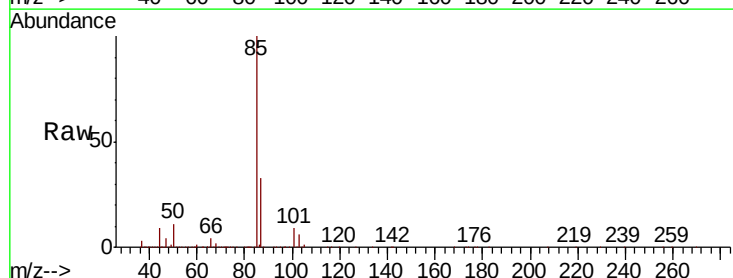
Acq: 28 Dec 2018 12:34

Tgt Ion: 85 Resp: 85921

Ion Ratio Lower Upper

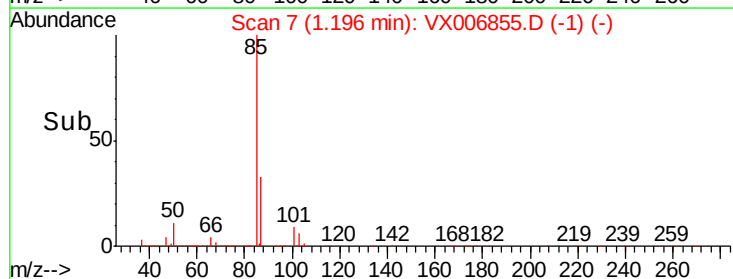
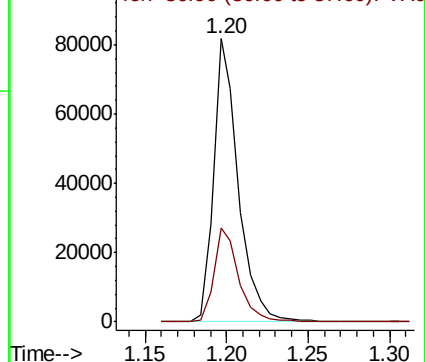
85 100

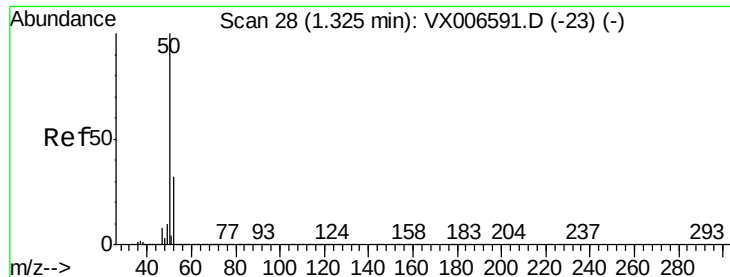
87 33.3 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.533 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX1228WBSD01

Tot Ion: 50 Resp: 98663

Ion Ratio Lower Upper

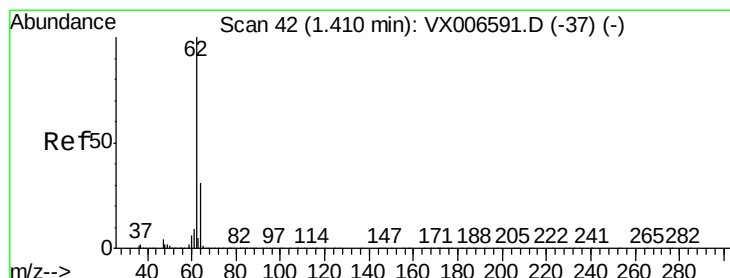
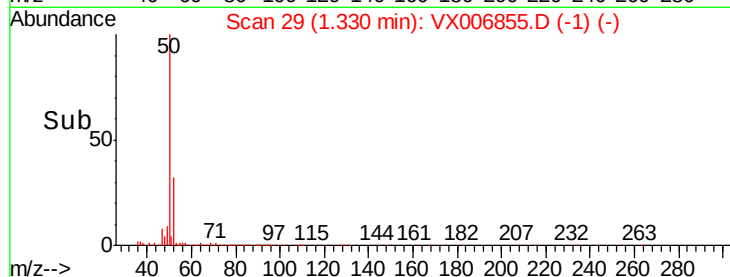
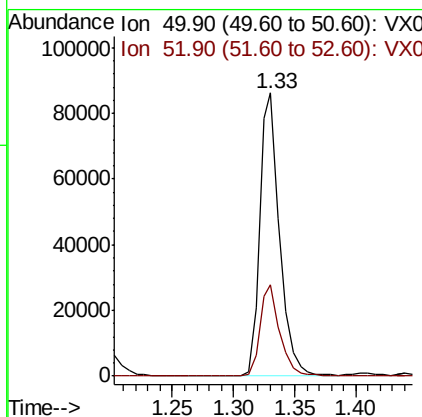
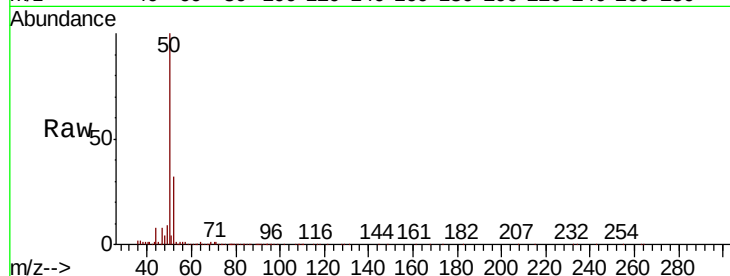
50 100

52 32.1 25.4 38.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 17.634 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006855.D

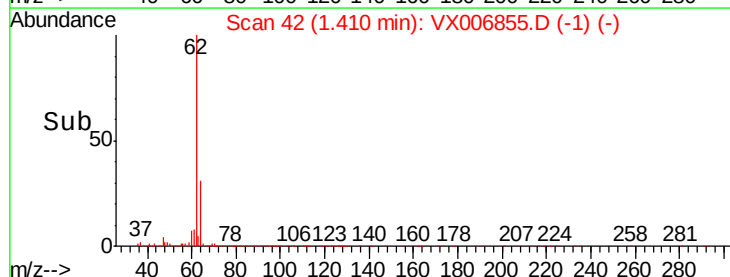
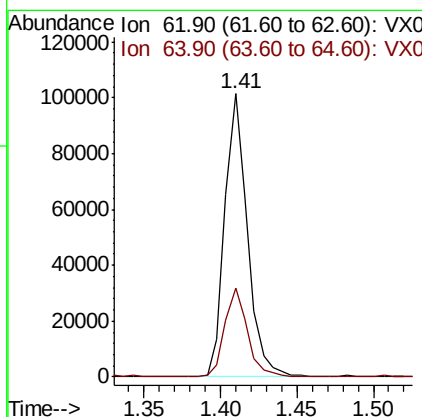
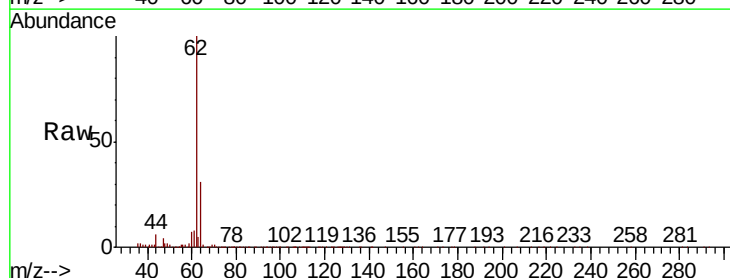
Acq: 28 Dec 2018 12:34

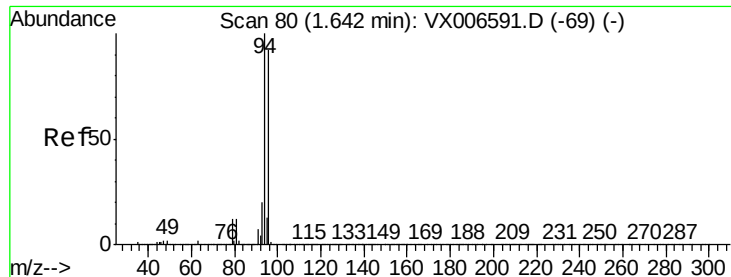
Tgt Ion: 62 Resp: 103641

Ion Ratio Lower Upper

62 100

64 31.3 25.1 37.7





#5

Bromomethane

Concen: 16.285 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX1228WBSD01

Tot Ion: 94 Resp: 96404

Ion Ratio Lower Upper

94 100

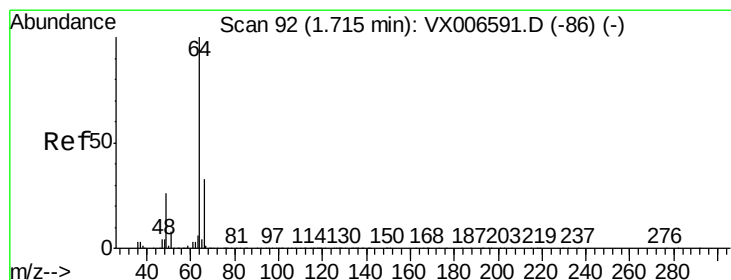
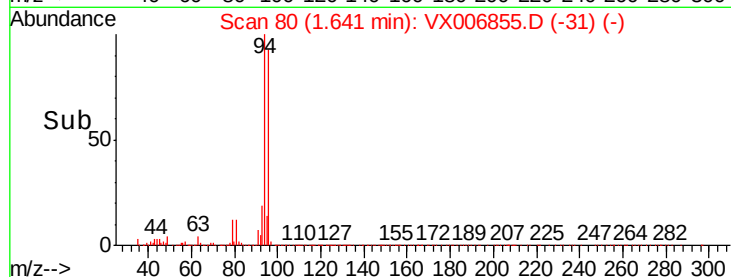
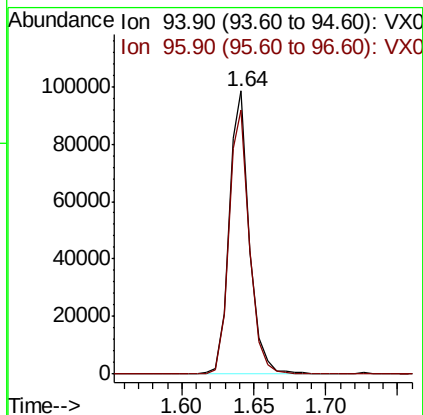
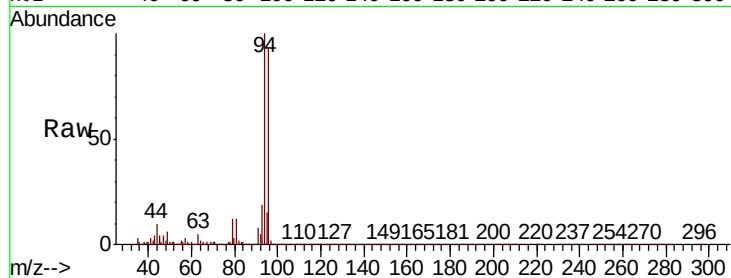
96 93.4 73.4 110.2

Manual Integrations

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#6

Chloroethane

Concen: 16.990 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006855.D

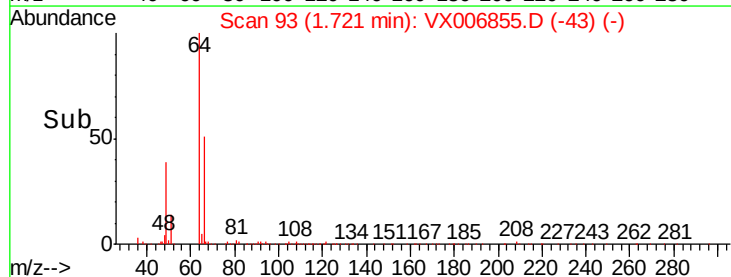
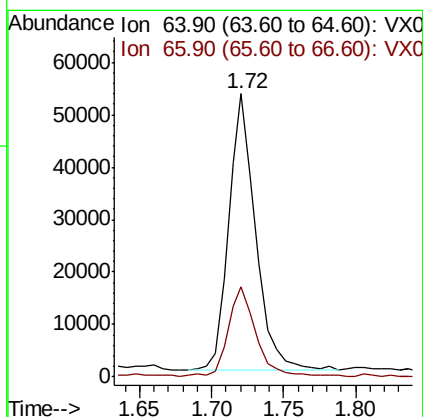
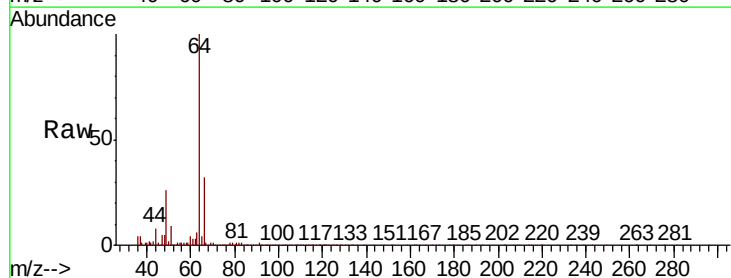
Acq: 28 Dec 2018 12:34

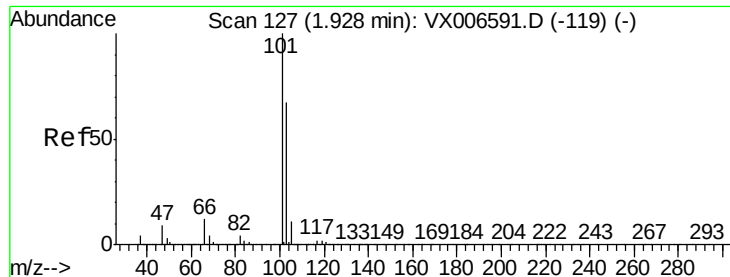
Tgt Ion: 64 Resp: 69140

Ion Ratio Lower Upper

64 100

66 32.0 26.4 39.6





#7

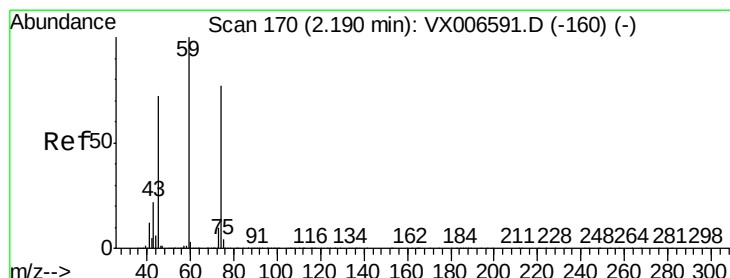
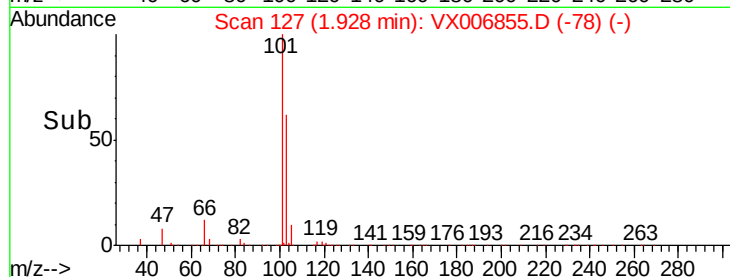
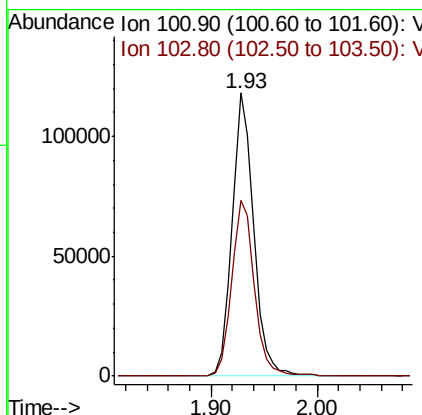
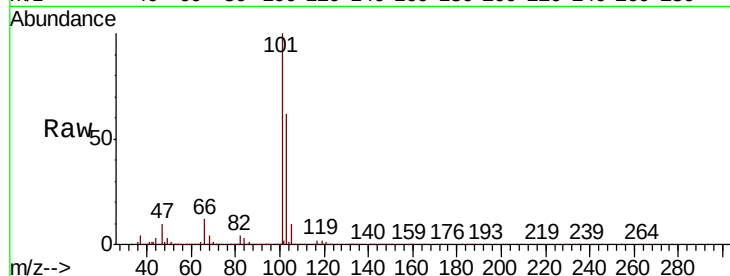
Trichlorofluoromethane
Concen: 18.410 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

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ClientSampleId :
VX1228WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	168691		
103	62.2	53.2	79.8	

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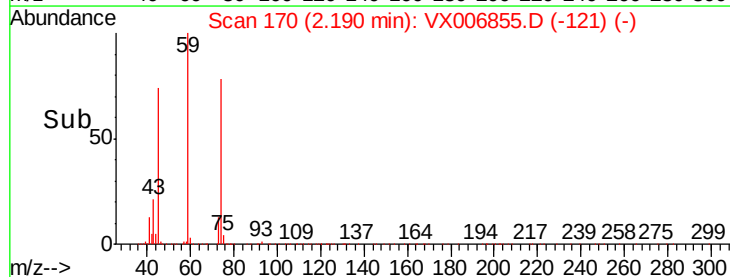
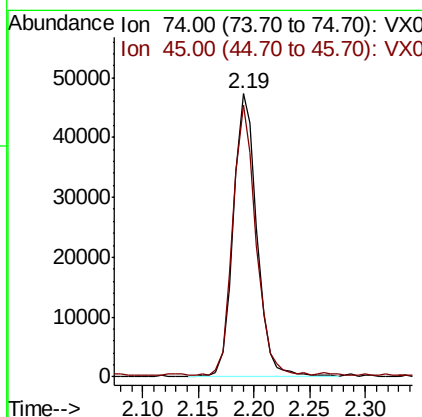
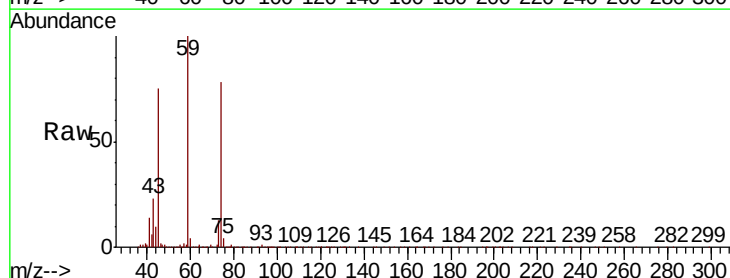
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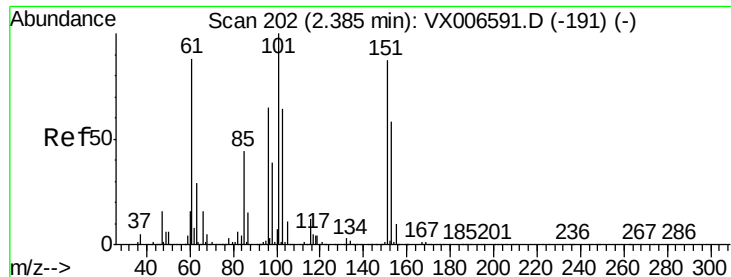


#8

Diethyl Ether
Concen: 18.910 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	68821		
45	94.3	46.3	138.9	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.620 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Instrument :

MSVOA_X

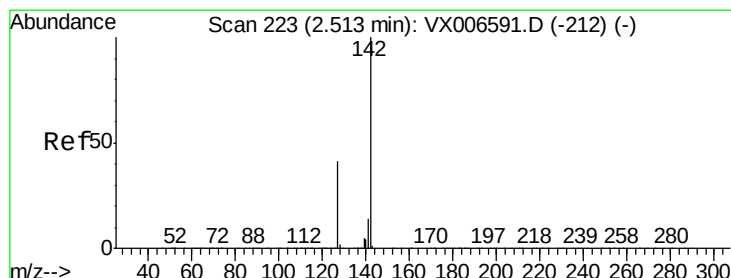
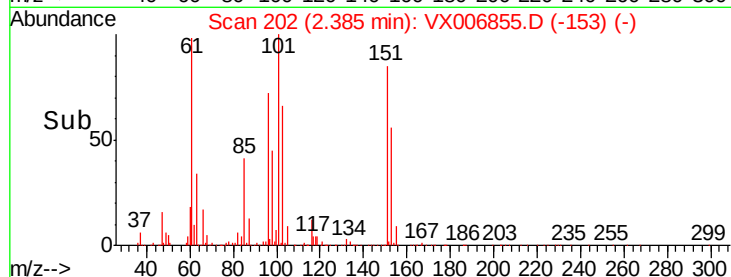
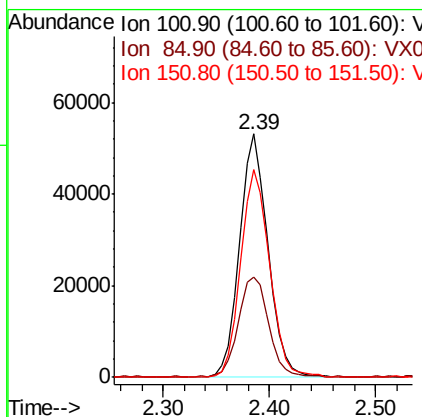
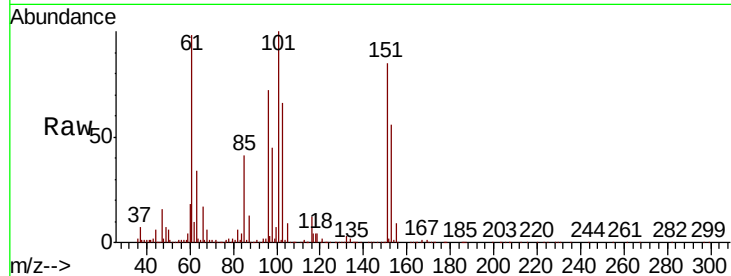
ClientSampled :

VX1228WBSD01

Tot Ion:	101	Resp:	100178
Ion Ratio	Lower	Upper	
101	100		
85	43.9	35.1	52.7
151	86.9	68.9	103.3

Manual Integrations
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#10

Methyl Iodide

Concen: 17.369 ug/l

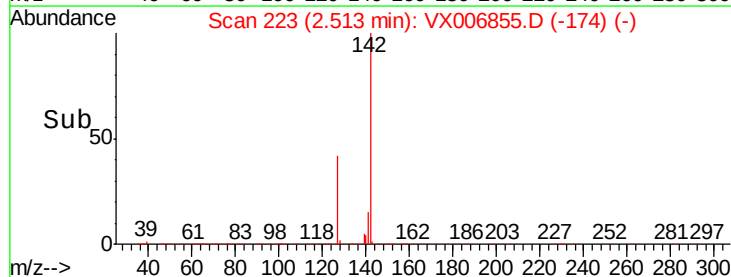
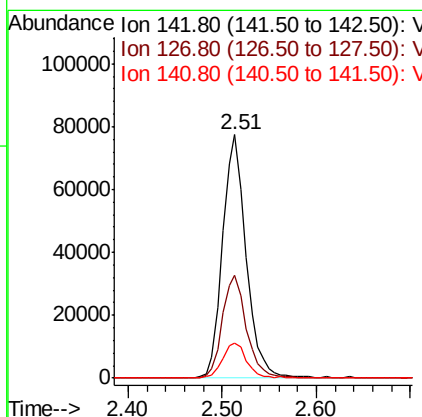
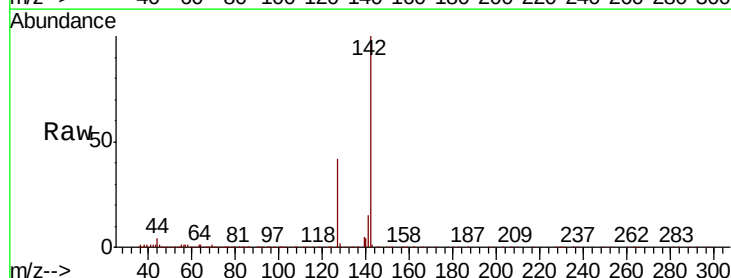
RT: 2.51 min Scan# 223

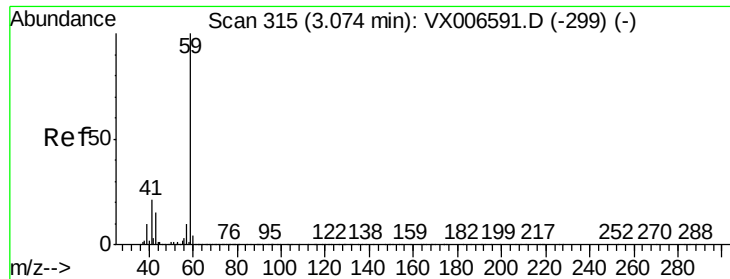
Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Tgt Ion:	142	Resp:	133768
Ion Ratio	Lower	Upper	
142	100		
127	43.8	33.9	50.9
141	15.1	11.4	17.0





#11

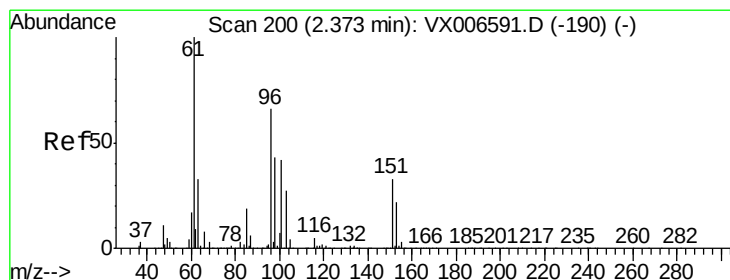
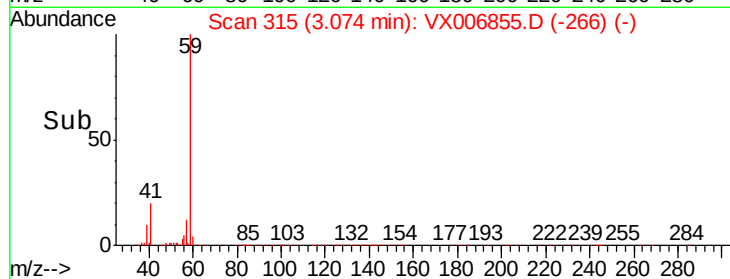
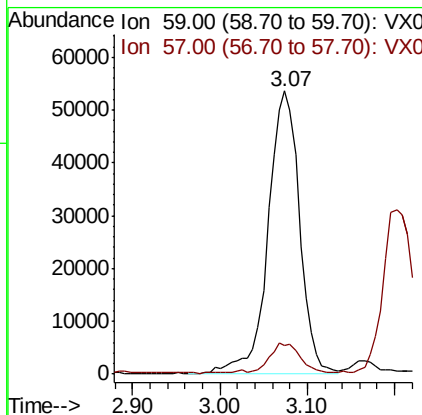
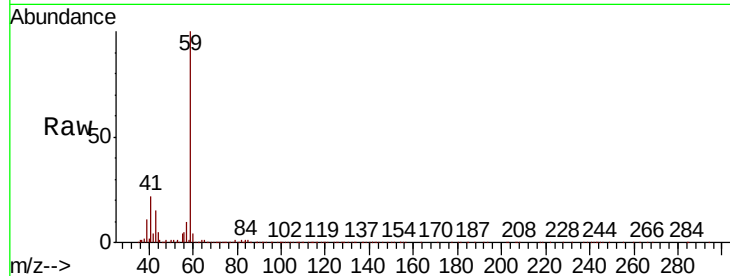
Tert butyl alcohol
Concen: 97.404 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.5	8.5	12.7

Manual Integrations
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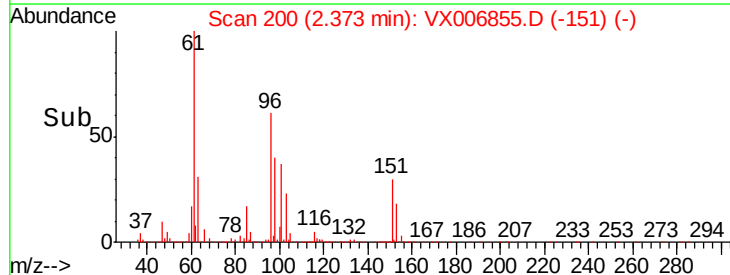
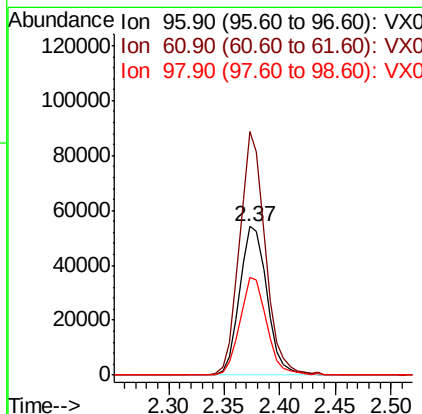
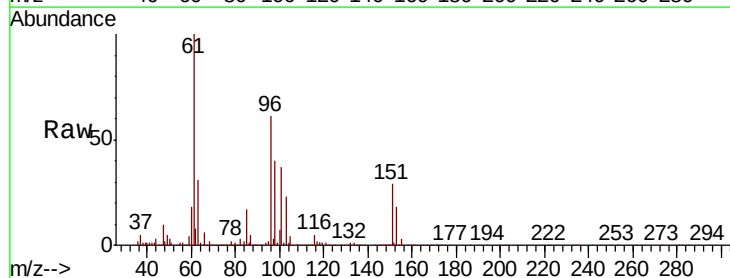
MMDadoda
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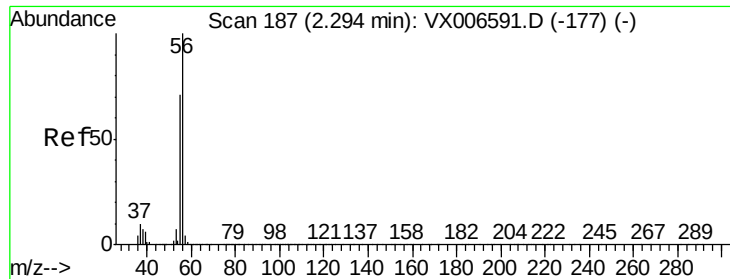


#12

1,1-Dichloroethene
Concen: 18.044 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.1	121.4	182.2
98	65.9	51.9	77.9





#13

Acrolein

Concen: 101.036 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX1228WBSD01

Tot Ion: 56 Resp: 93604

Ion Ratio Lower Upper

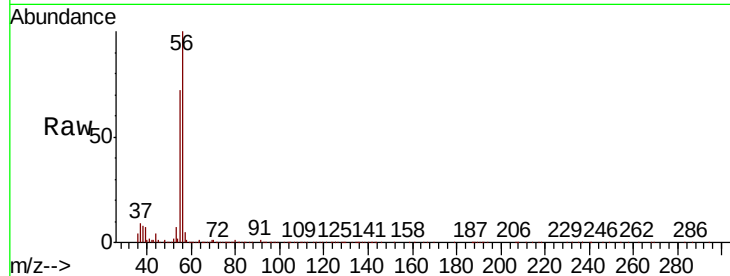
56 100

55 71.5 58.2 87.4

Manual Integrations
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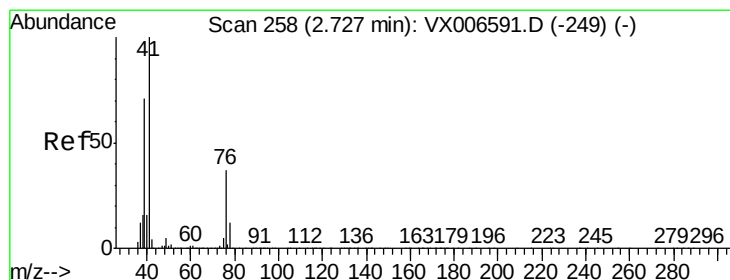
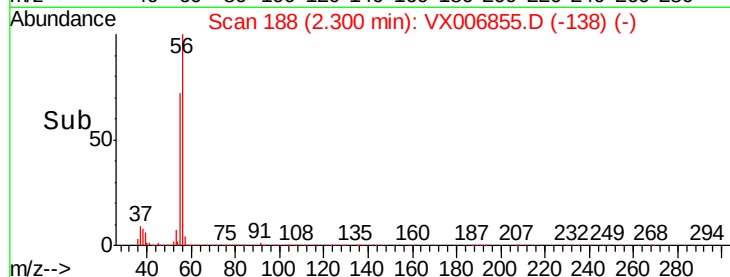
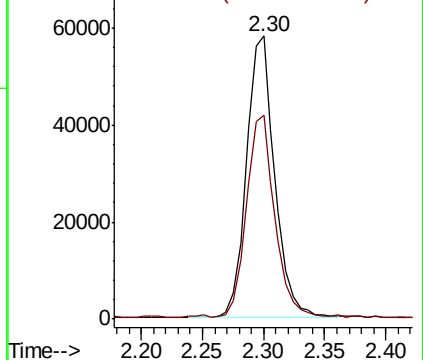
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.895 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

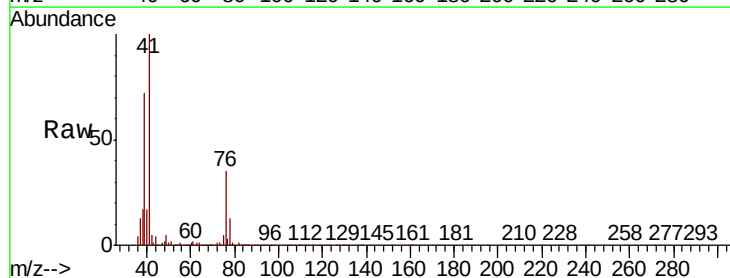
Tgt Ion: 41 Resp: 162249

Ion Ratio Lower Upper

41 100

39 66.2 53.6 80.4

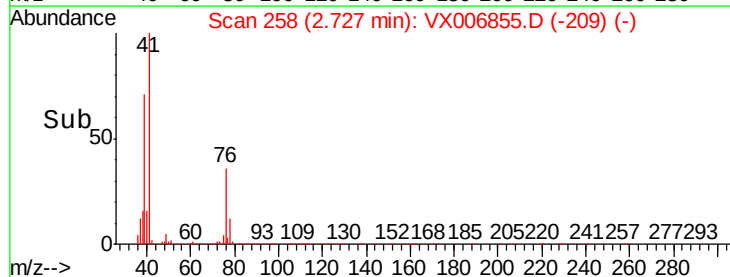
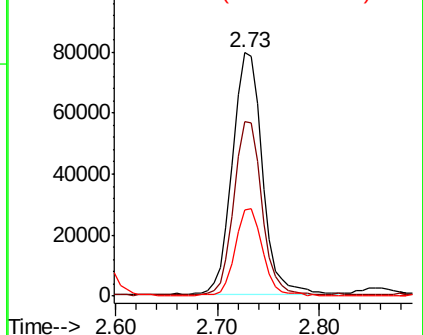
76 32.7 27.4 41.2

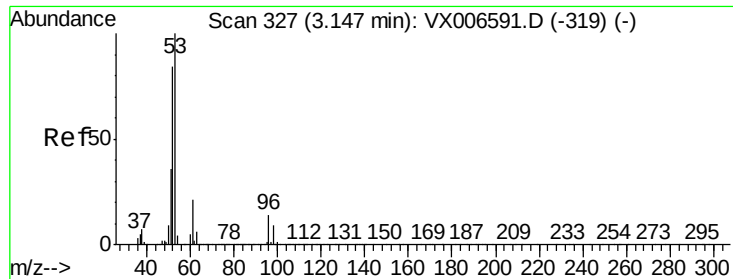


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 101.596 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Instrument :

MSVOA_X

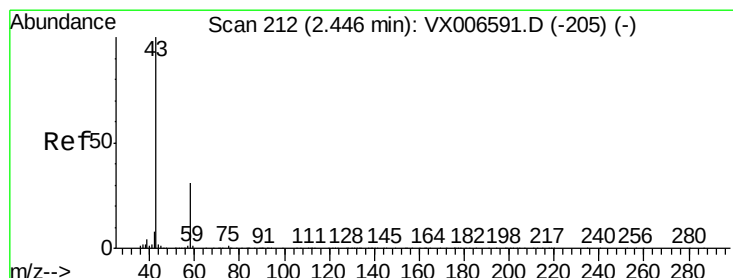
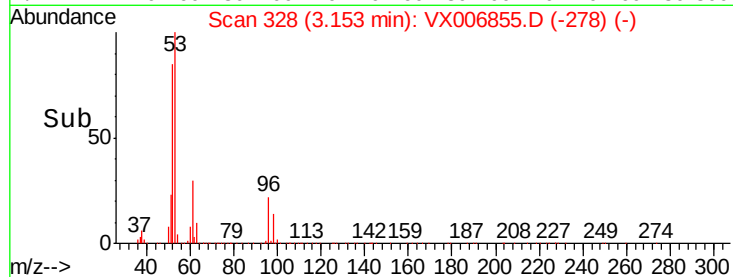
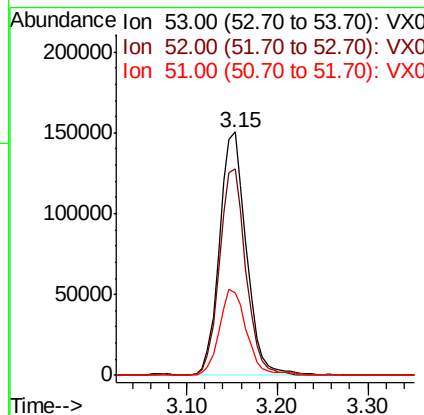
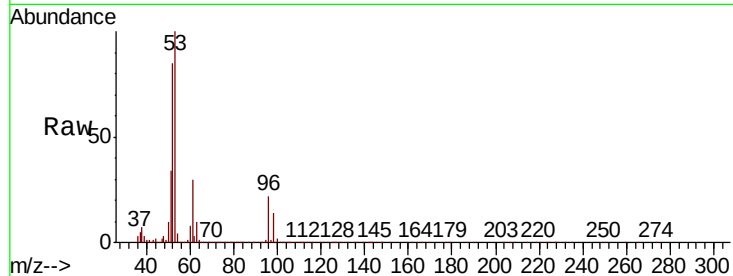
ClientSampleId :

VX1228WBSD01

Tot Ion:	53	Resp:	309783
Ion Ratio		Lower	Upper
53	100		
52	83.8	66.0	99.0
51	35.8	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 93.856 ug/l

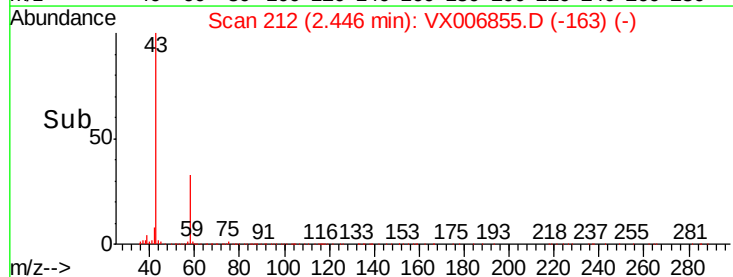
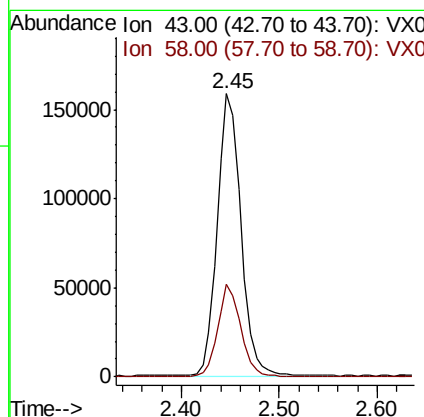
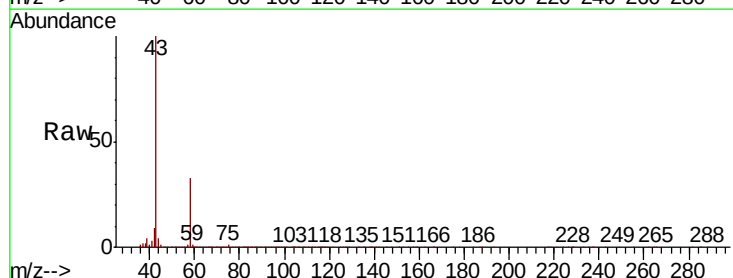
RT: 2.45 min Scan# 212

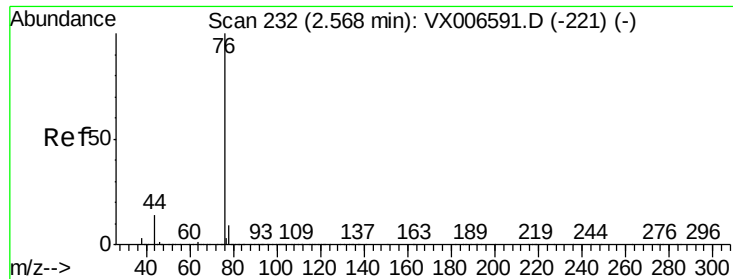
Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Tgt Ion:	43	Resp:	265344
Ion Ratio		Lower	Upper
43	100		
58	32.8	25.0	37.6





#17

Carbon Disulfide

Concen: 14.101 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX1228WBSD01

Tot Ion: 76 Resp: 190366

Ion Ratio Lower Upper

76 100

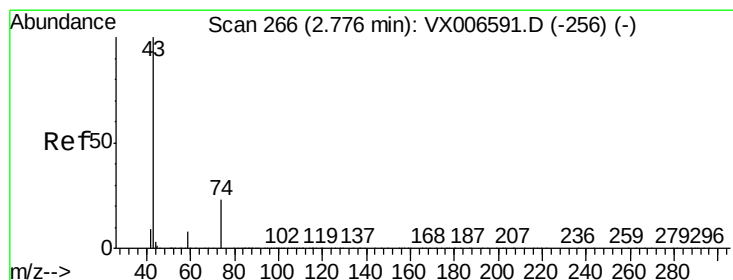
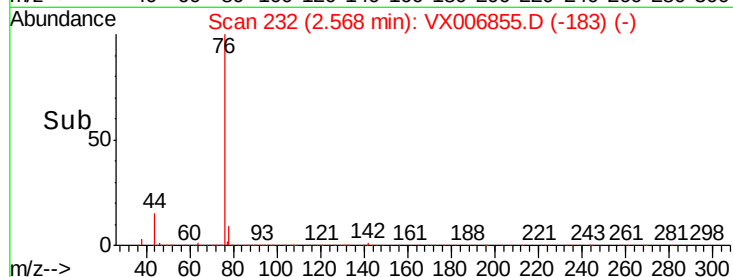
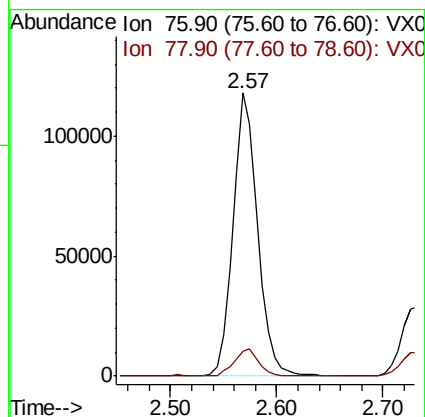
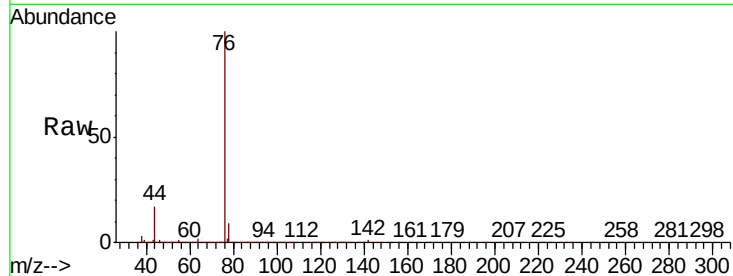
78 8.8 7.0 10.6

Manual Integrations

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#18

Methyl Acetate

Concen: 23.281 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX006855.D

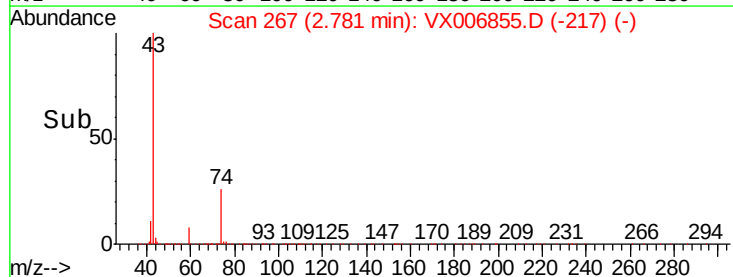
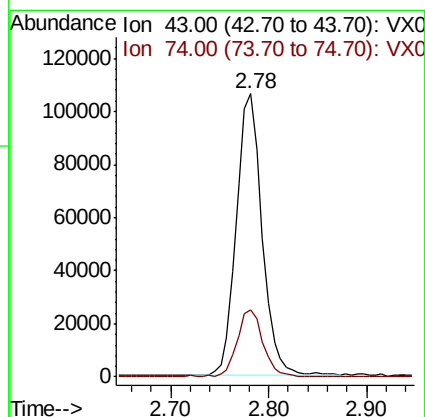
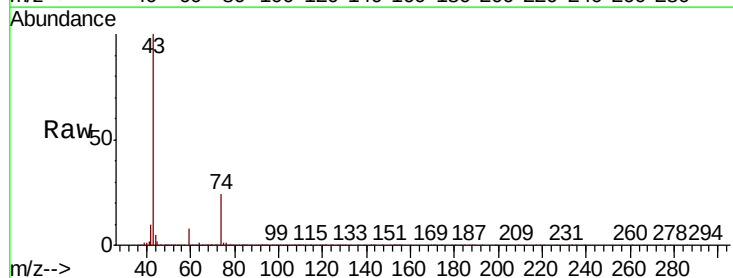
Acq: 28 Dec 2018 12:34

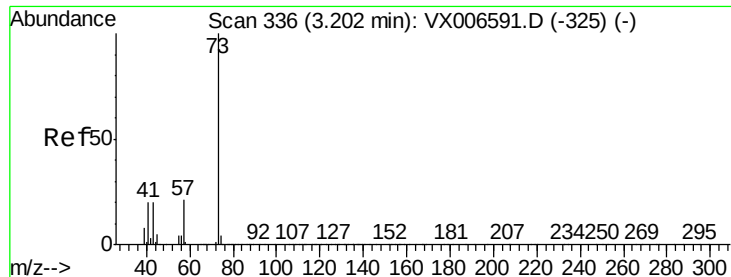
Tgt Ion: 43 Resp: 193537

Ion Ratio Lower Upper

43 100

74 24.0 18.6 28.0





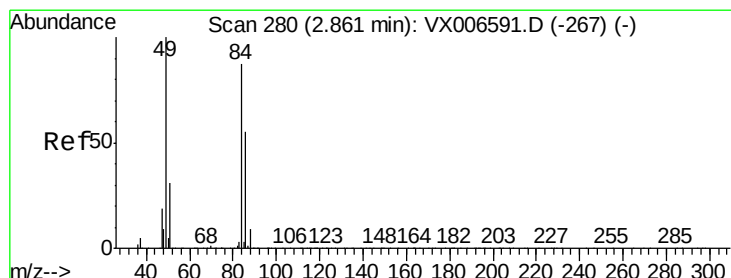
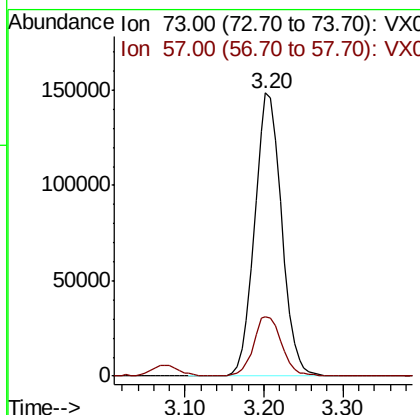
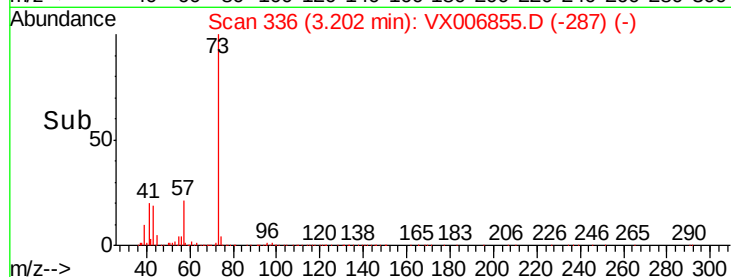
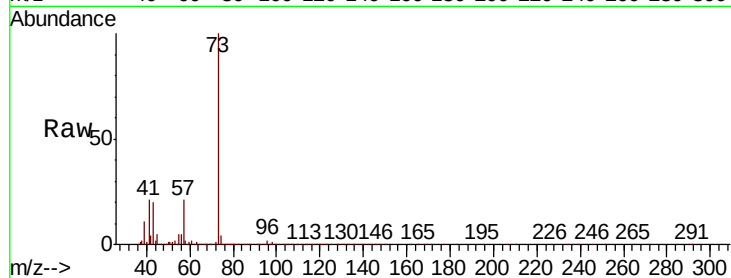
#19
Methyl tert-butyl Ether
Concen: 20.869 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.7	16.8	25.2

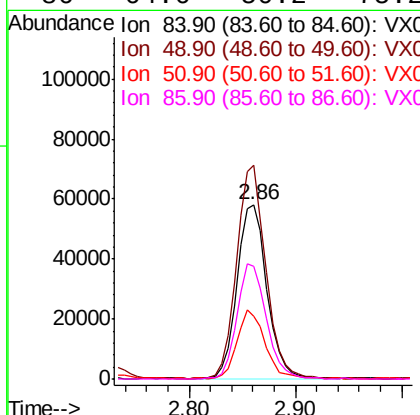
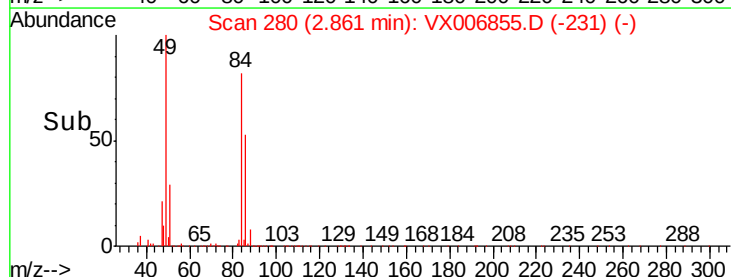
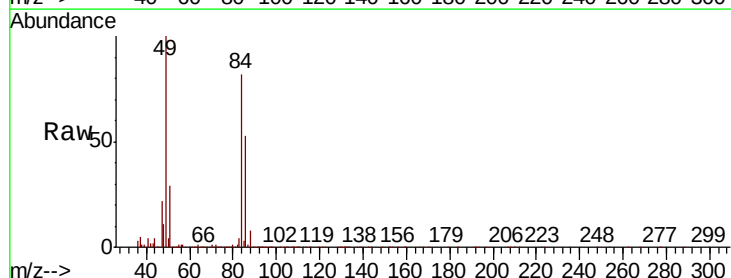
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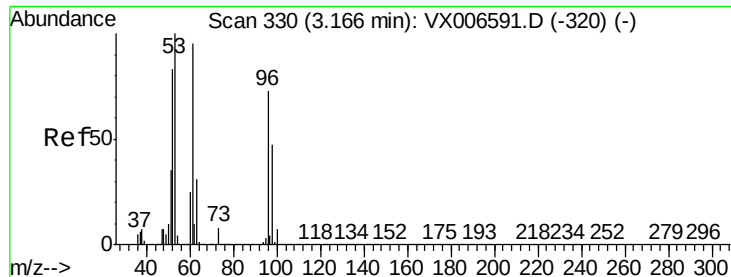
MMDadoda
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#20
Methylene Chloride
Concen: 19.502 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.9	91.8	137.6
51	35.8	28.5	42.7
86	64.6	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 17.972 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Instrument :

MSVOA_X

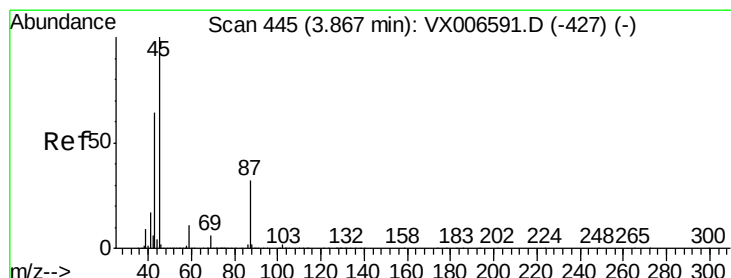
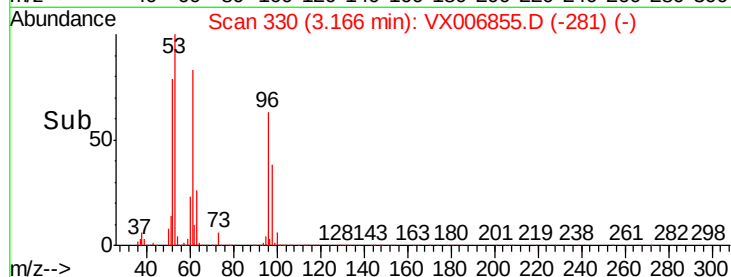
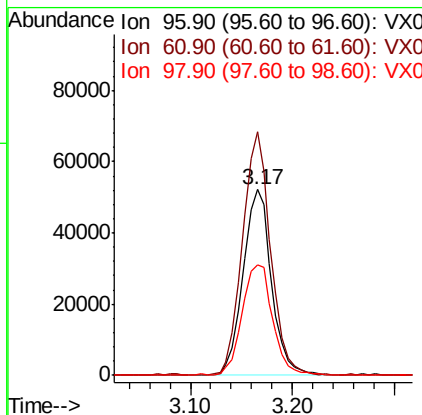
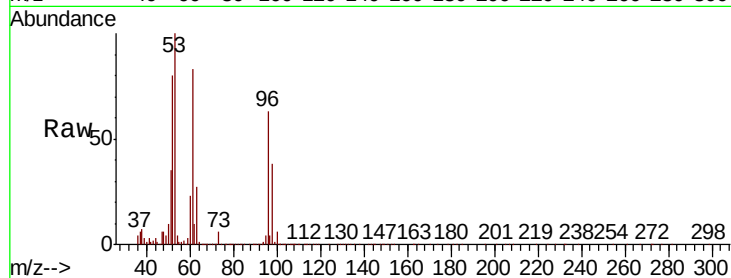
ClientSampleId :

VX1228WBSD01

Tot Ion:	96	Resp:	101582
Ion	Ratio	Lower	Upper
96	100		
61	130.8	103.7	155.5
98	59.6	51.0	76.6

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#22

Diisopropyl ether

Concen: 20.451 ug/l

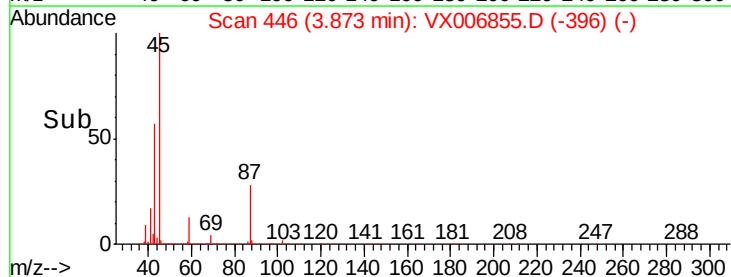
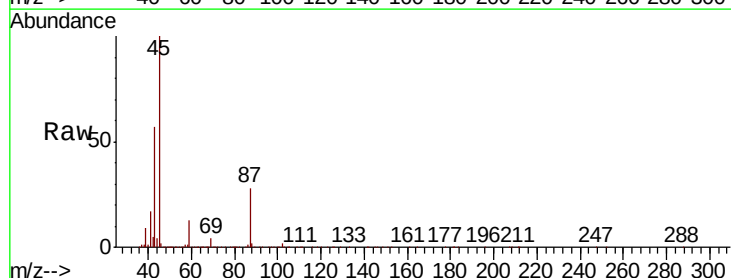
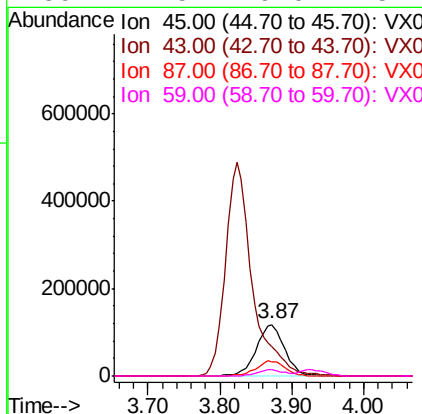
RT: 3.87 min Scan# 446

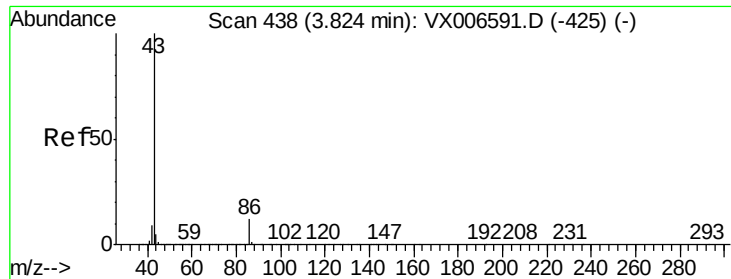
Delta R.T. 0.01 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Tgt Ion:	45	Resp:	321270
Ion	Ratio	Lower	Upper
45	100		
43	56.4	51.2	76.8
87	28.0	25.8	38.6
59	12.5	9.0	13.4





#23

Vinyl Acetate

Concen: 98.542 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX1228WBSD01

Tot Ion: 43 Resp: 1266211

Ion Ratio Lower Upper

43 100

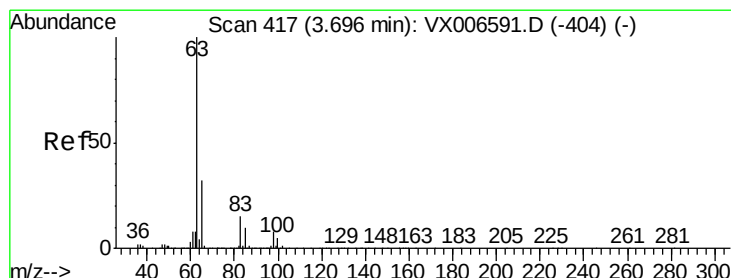
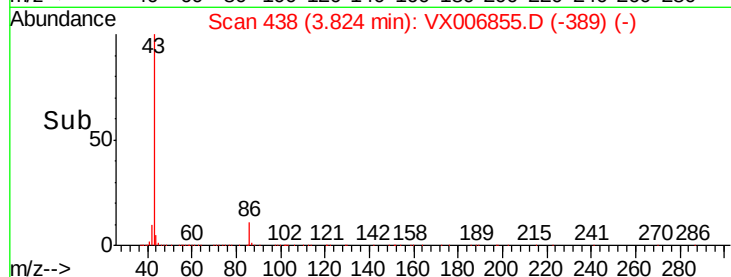
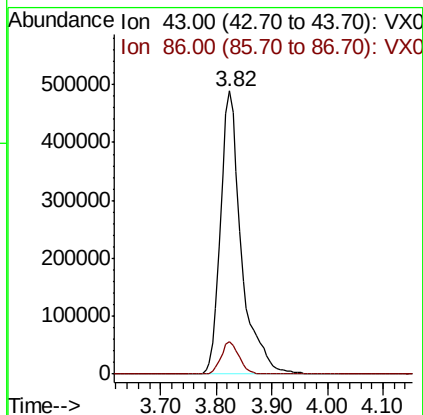
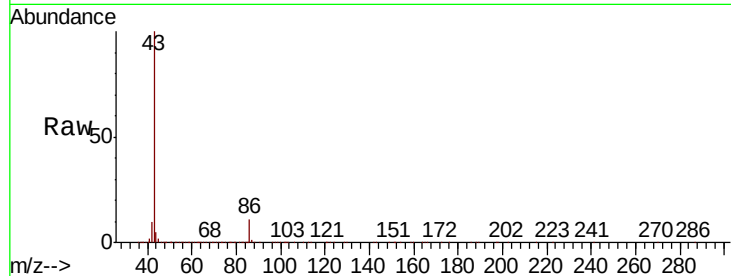
86 11.3 9.2 13.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 18.576 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

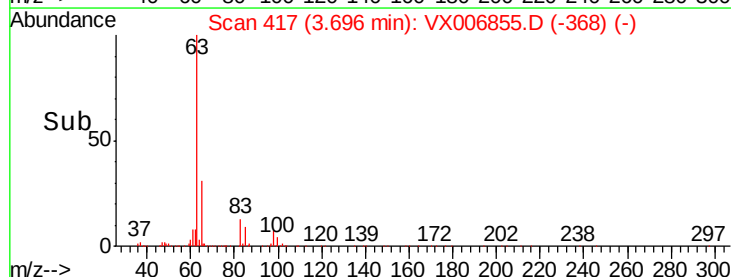
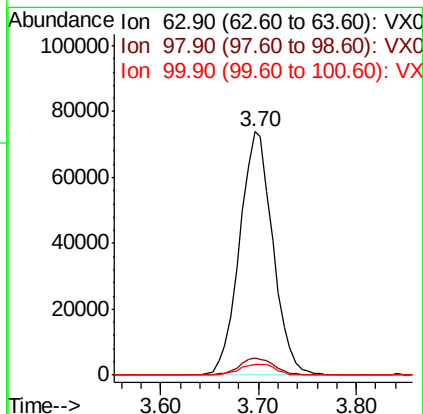
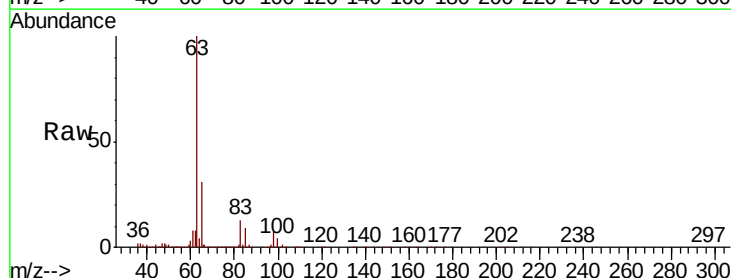
Tgt Ion: 63 Resp: 174194

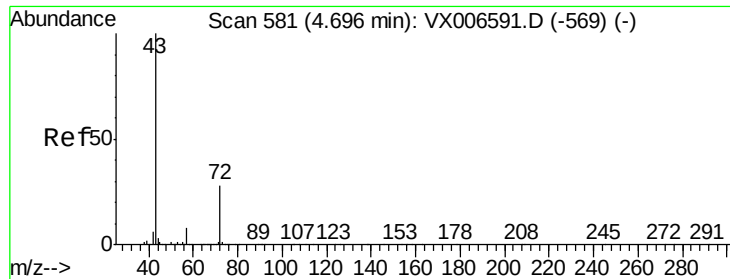
Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.5

100 4.3 2.4 7.2





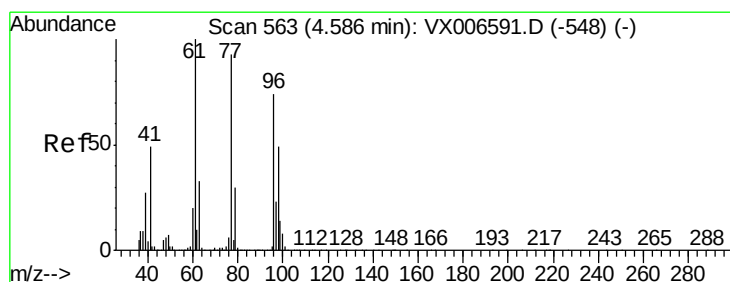
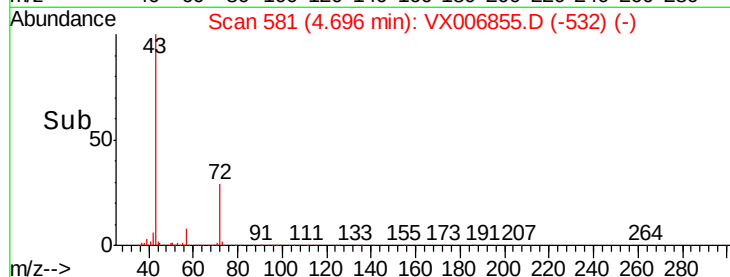
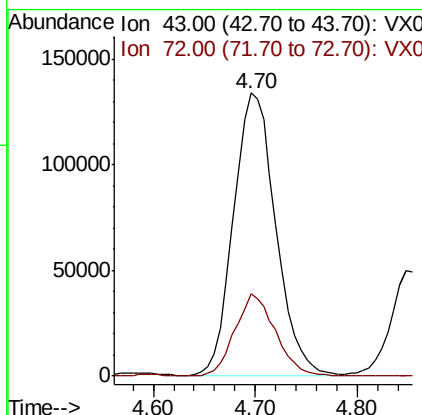
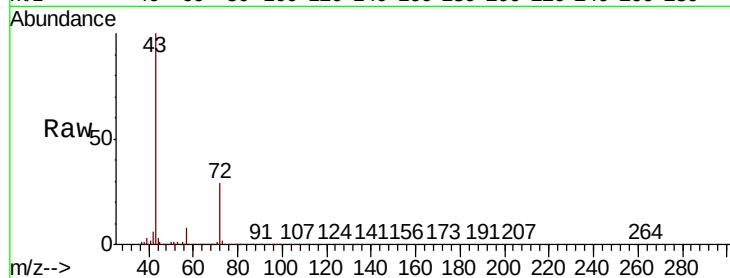
#25
2-Butanone
Concen: 96.492 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.00 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
72	29.3	22.4	33.6

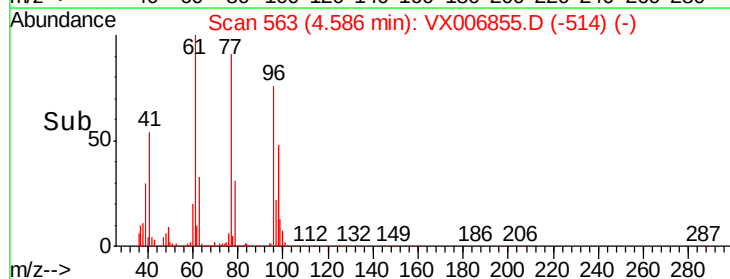
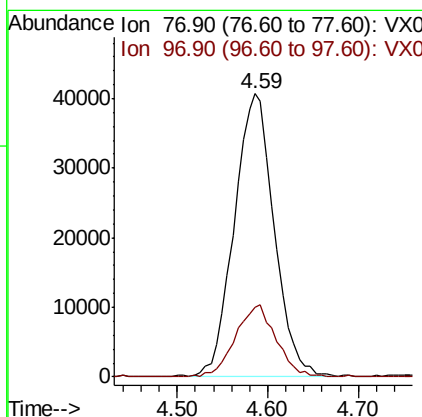
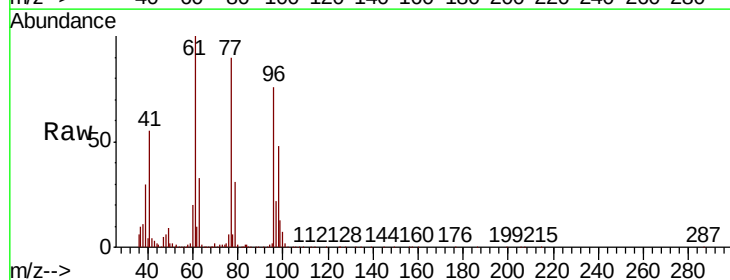
Manual Integrations
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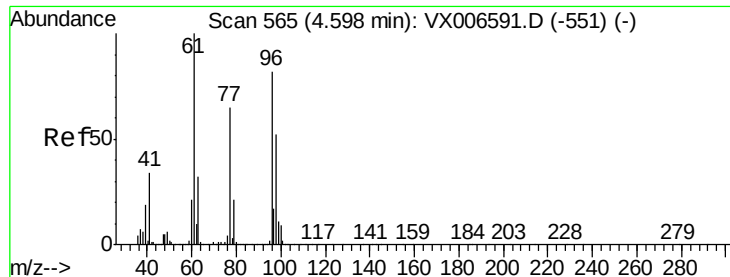
MMDadoda
1/2/2019 10:45:08 AM



#26
2,2-Dichloropropane
Concen: 16.986 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.00 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

Tgt Ion	Ratio	Lower	Upper
77	100		
97	26.2	12.4	37.4





#27

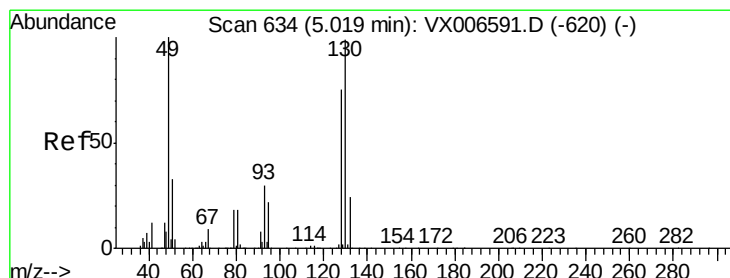
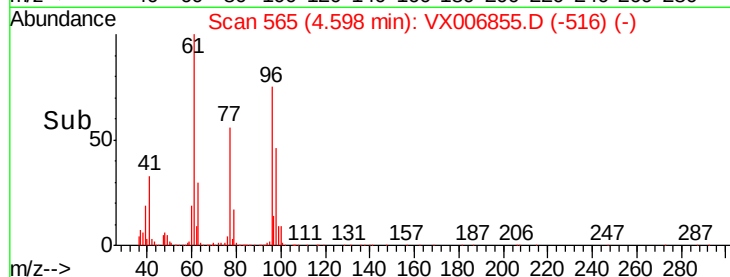
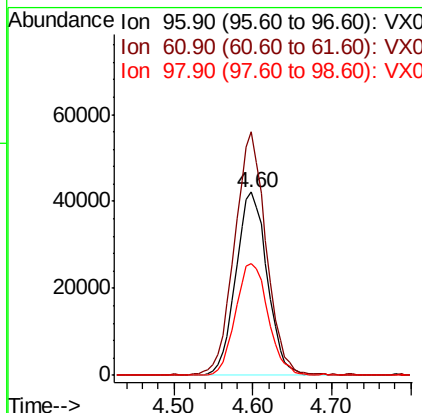
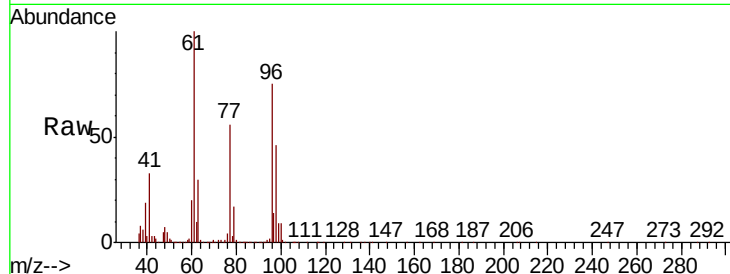
cis-1,2-Dichloroethene
Concen: 18.757 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

Instrument :
MSVOA_X
ClientSampled :
VX1228WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.3	0.0	258.6
98	63.6	0.0	132.0

Manual Integrations
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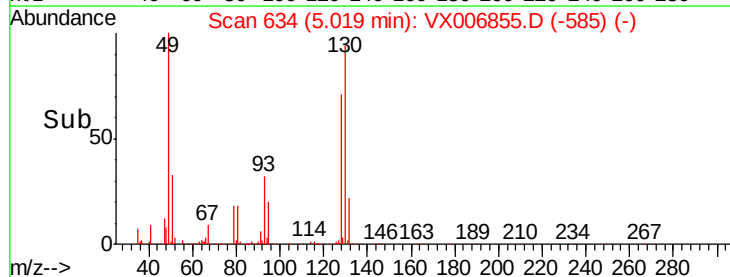
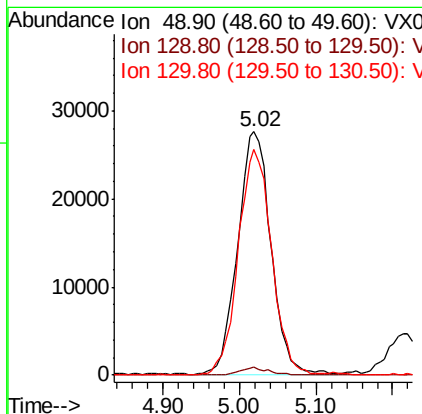
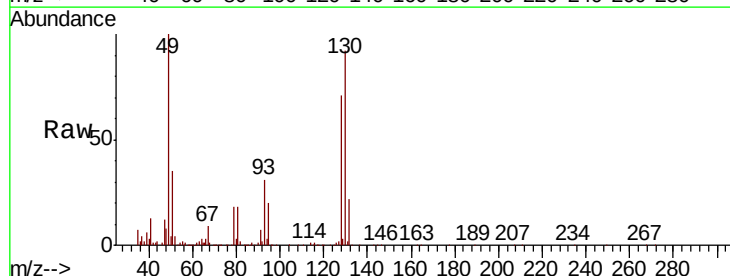
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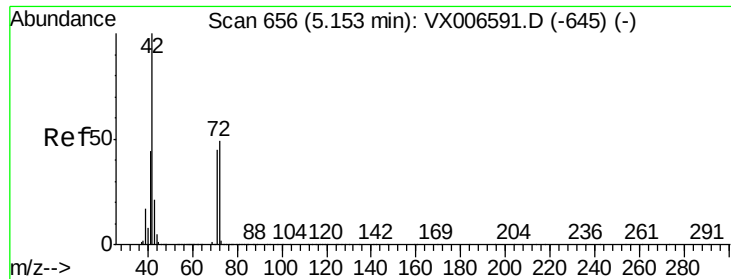


#28

Bromochloromethane
Concen: 20.125 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.4
130	92.5	77.7	116.5





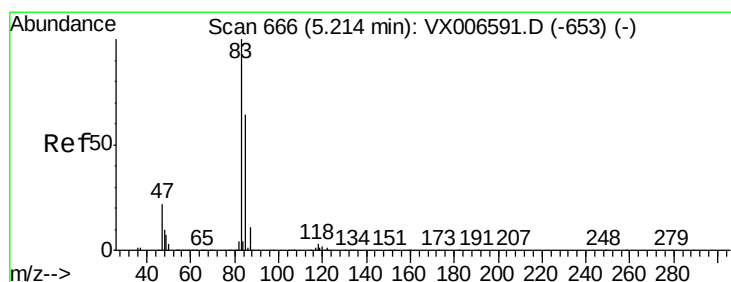
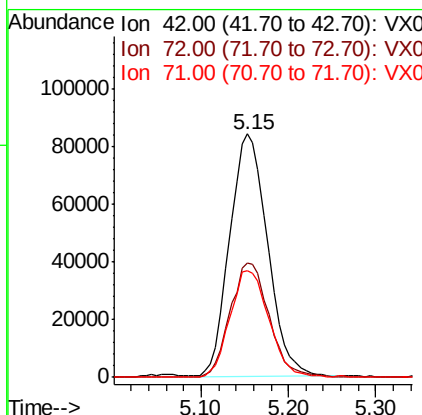
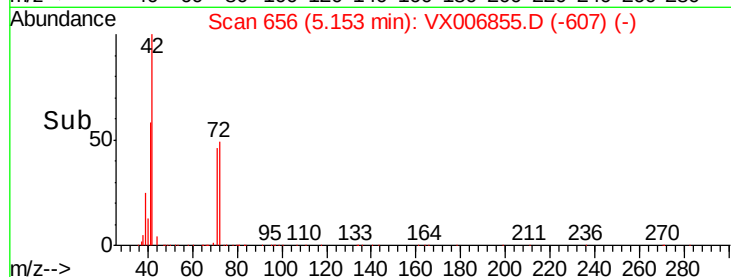
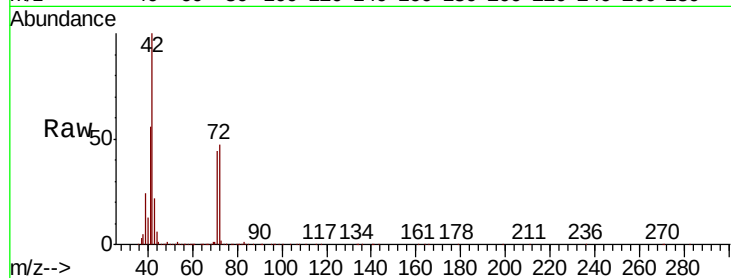
#29
Tetrahydrofuran
Concen: 96.799 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
42	100	253535		
72	48.7		38.9	58.3
71	44.9		36.2	54.4

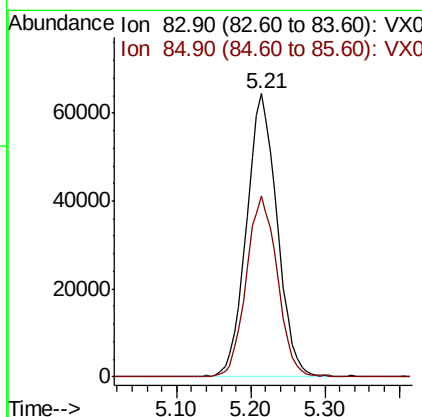
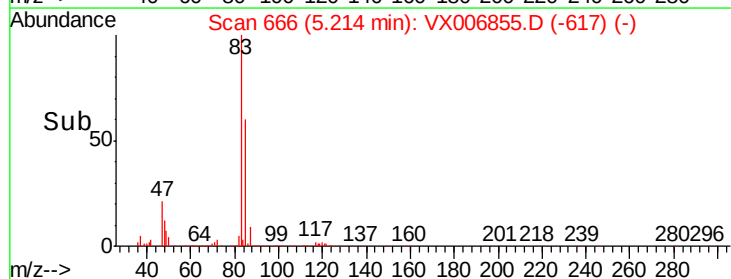
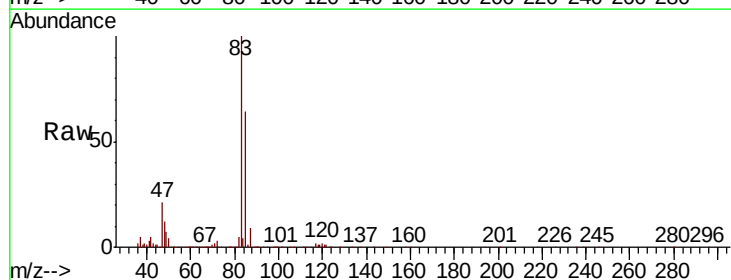
Manual Integrations
APPROVED

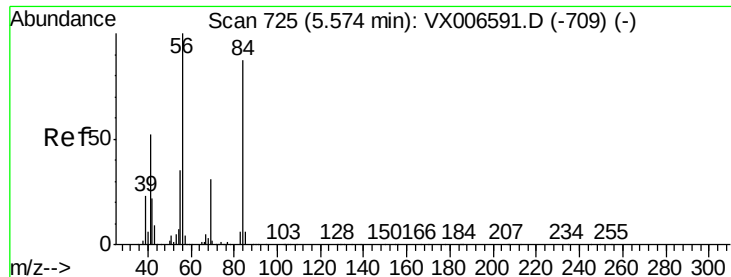
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#30
Chloroform
Concen: 19.186 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	186316		
85	63.8		51.2	76.8





#31

Cyclohexane

Concen: 16.774 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Instrument :

MSVOA_X

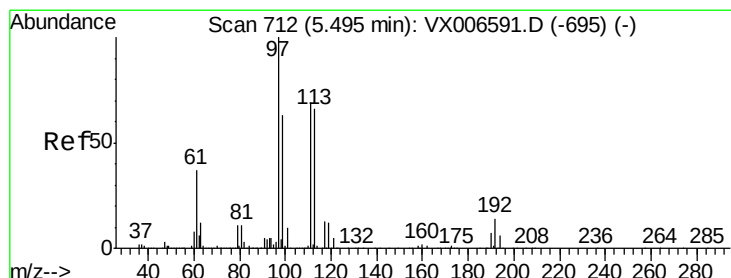
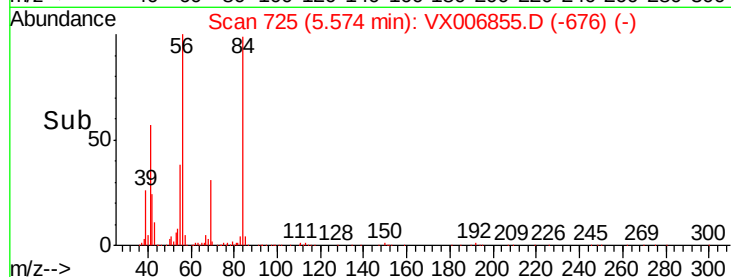
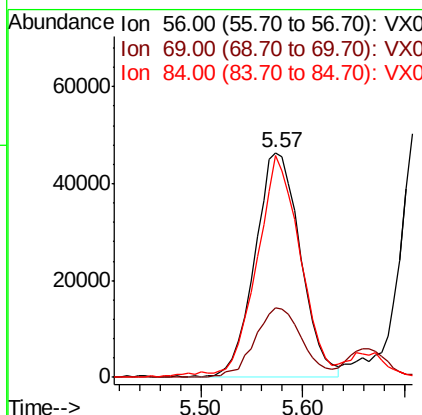
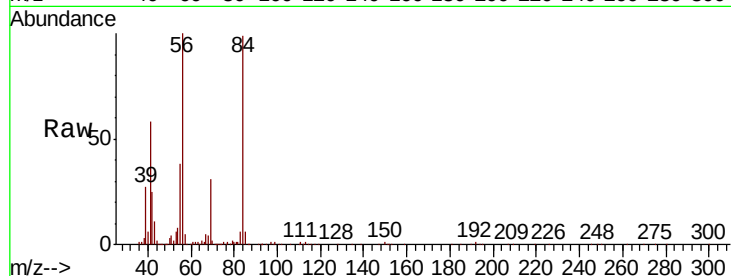
ClientSampleId :

VX1228WBSD01

Tot Ion:	56	Resp:	142905
Ion Ratio	Lower	Upper	
56	100		
69	30.9	24.4	36.6
84	97.2	70.0	105.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.748 ug/l

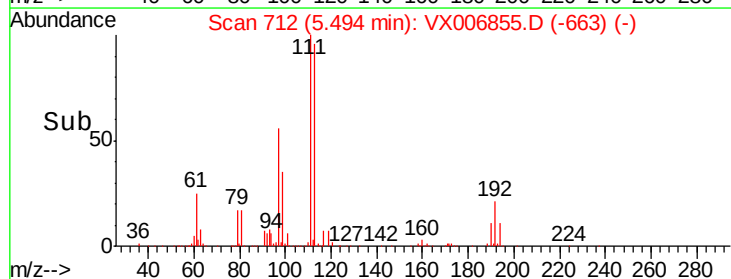
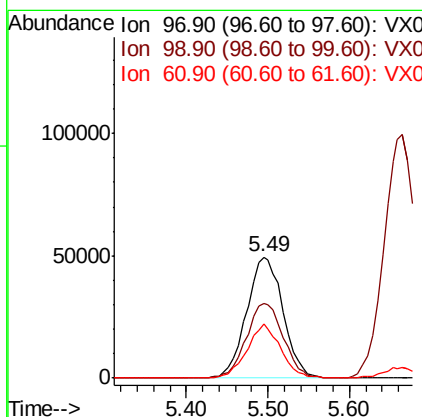
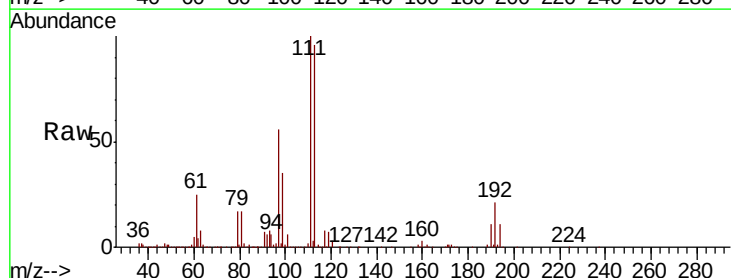
RT: 5.49 min Scan# 712

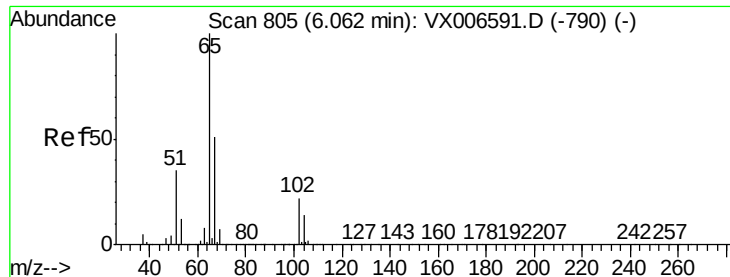
Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Tgt Ion:	97	Resp:	153729
Ion Ratio	Lower	Upper	
97	100		
99	62.7	51.7	77.5
61	41.1	31.3	46.9





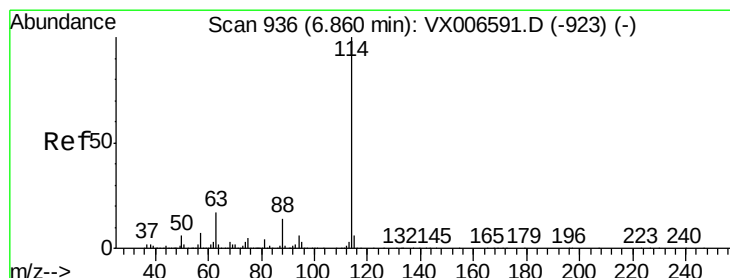
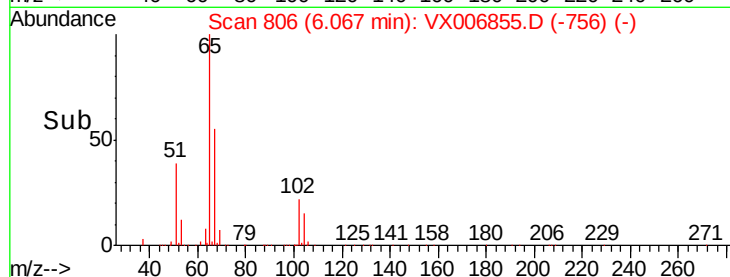
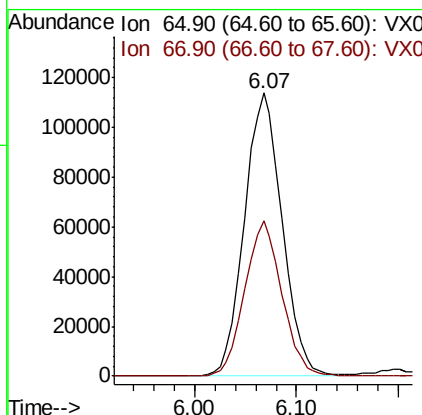
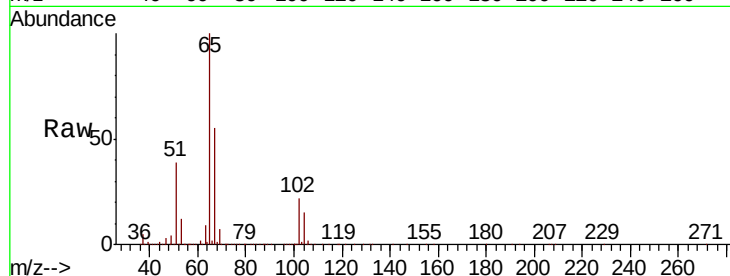
#33
 1,2-Dichloroethane-d4
 Concen: 47.610 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX006855.D
 Acq: 28 Dec 2018 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1228WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	292971		
67	53.6	0.0	105.0	

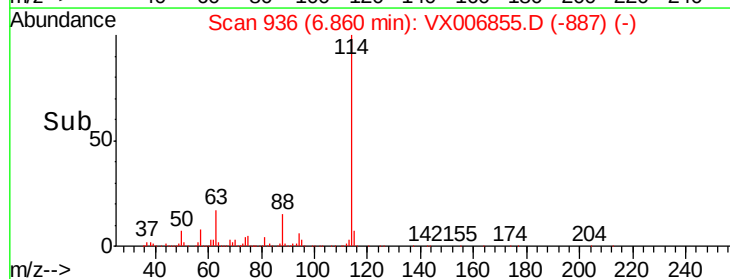
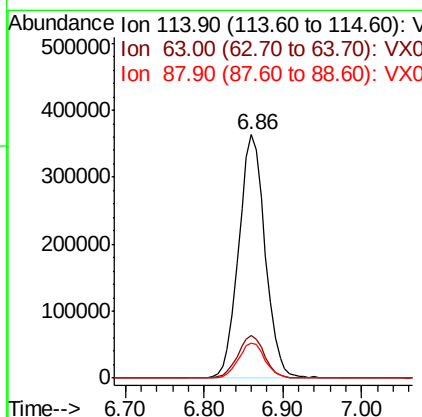
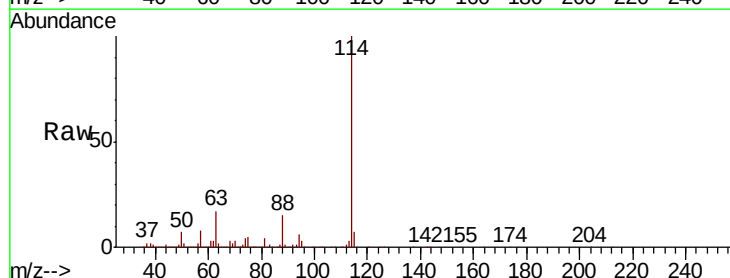
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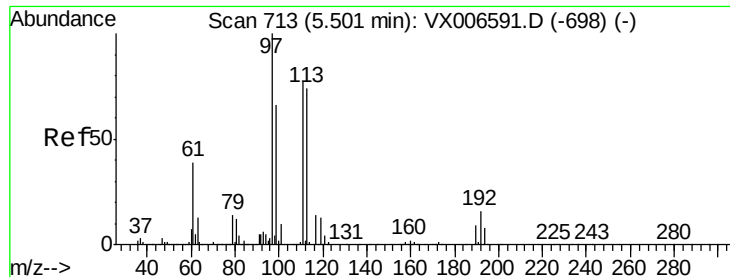
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006855.D
 Acq: 28 Dec 2018 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	846997		
63	17.4	0.0	34.8	
88	14.5	0.0	28.8	





#35

Dibromofluoromethane

Concen: 49.416 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Instrument :

MSVOA_X

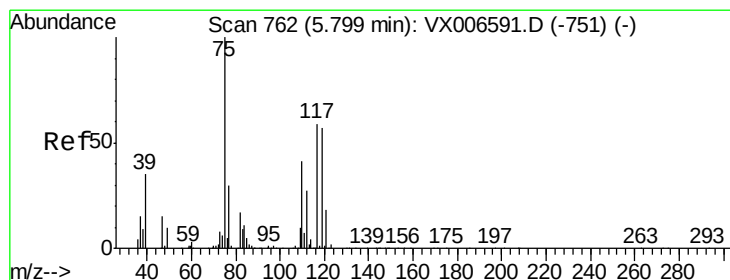
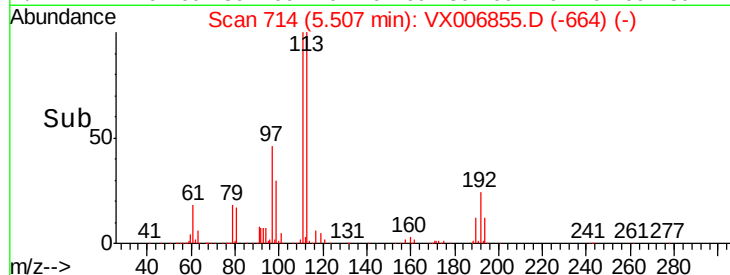
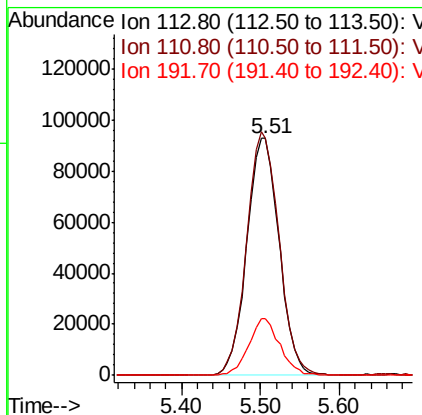
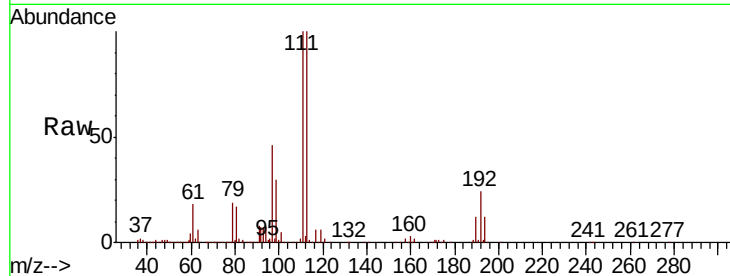
ClientSampleId :

VX1228WBSD01

Tot Ion:	113	Resp:	264684
Ion Ratio	Lower	Upper	
113	100		
111	102.7	81.6	122.4
192	23.0	16.7	25.1

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#36

1,1-Dichloropropene

Concen: 18.124 ug/l

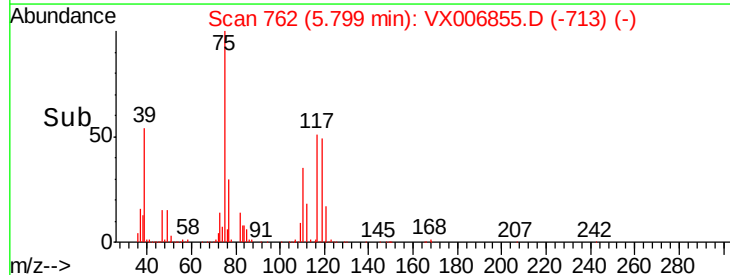
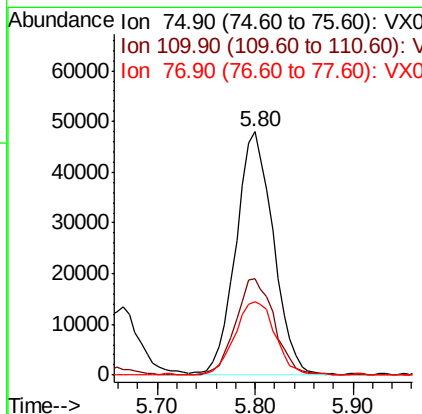
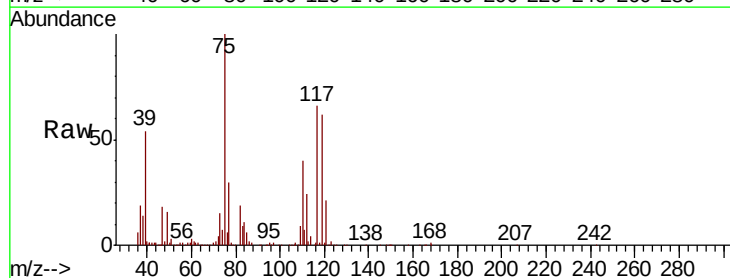
RT: 5.80 min Scan# 762

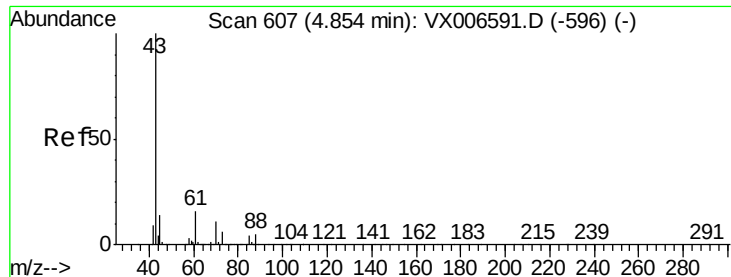
Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Tgt Ion:	75	Resp:	127138
Ion Ratio	Lower	Upper	
75	100		
110	40.5	20.2	60.5
77	32.8	24.8	37.2





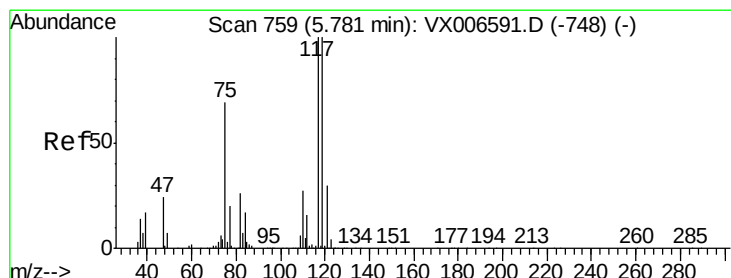
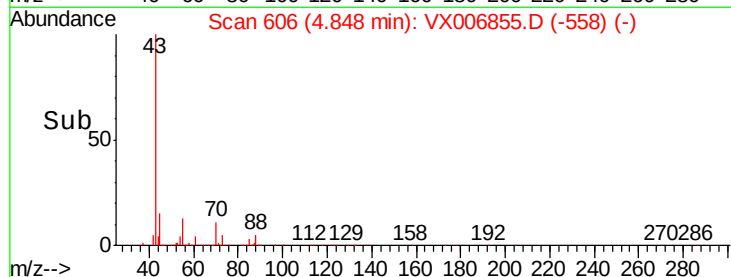
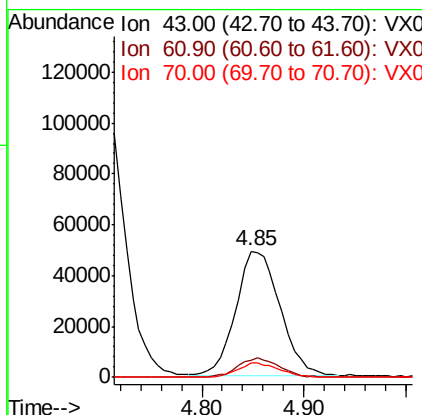
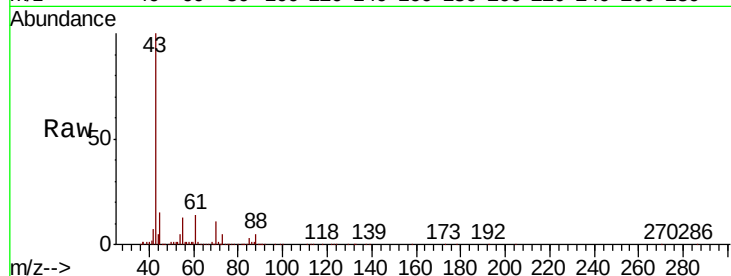
#37
Ethyl Acetate
Concen: 20.157 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01

Tot Ion	43	Resp	147178
Ion Ratio	Lower	Upper	
43	100		
61	14.4	11.9	17.9
70	10.7	9.7	14.5

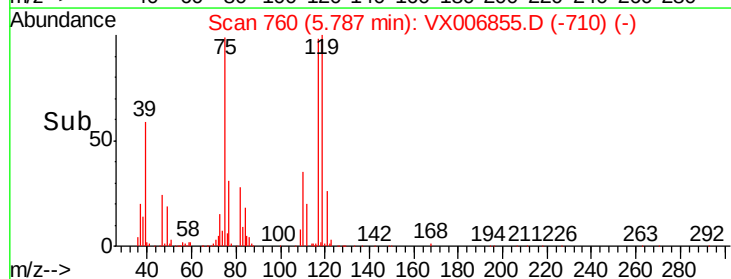
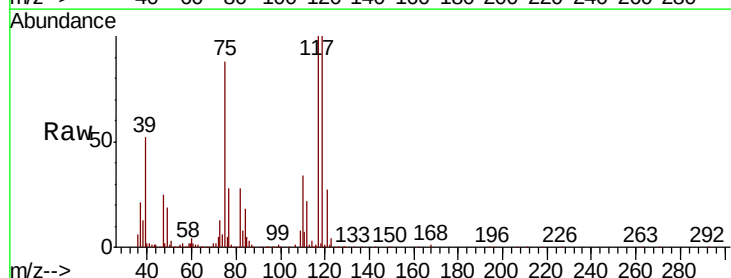
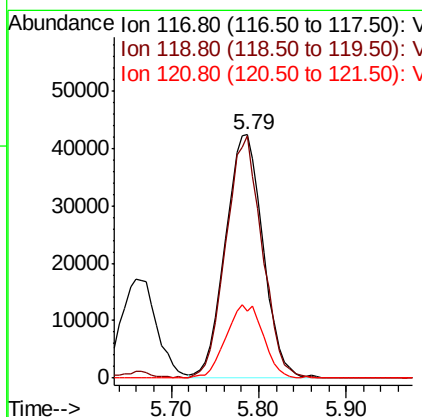
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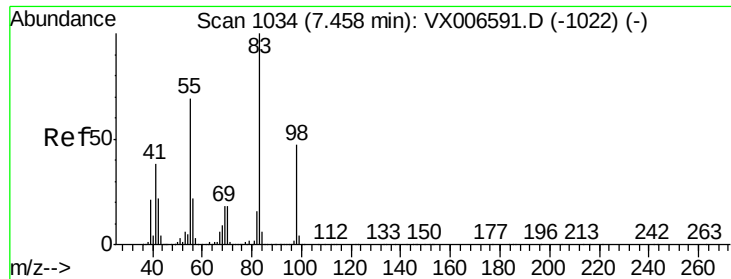
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#38
Carbon Tetrachloride
Concen: 18.598 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

Tgt Ion	117	Resp	126794
Ion Ratio	Lower	Upper	
117	100		
119	99.7	79.4	119.2
121	27.4	24.0	36.0





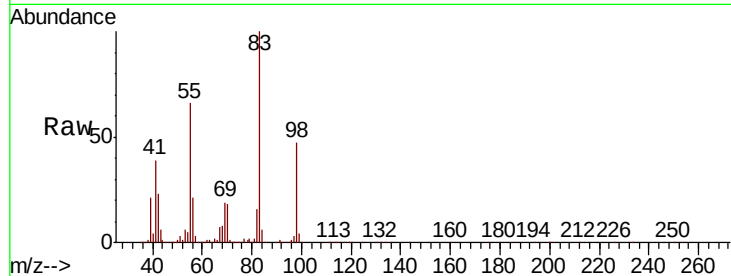
#39
Methylvlcyclohexane
Concen: 16.409 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	66.3	54.9	82.3
98	46.9	37.9	56.9

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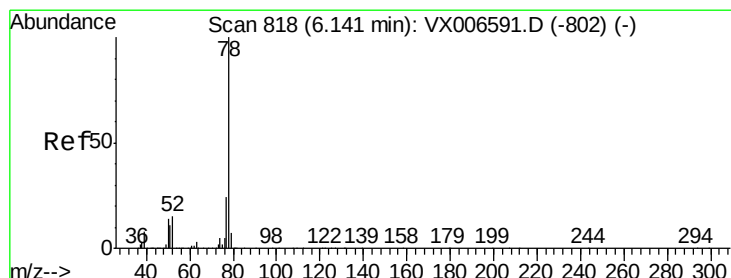
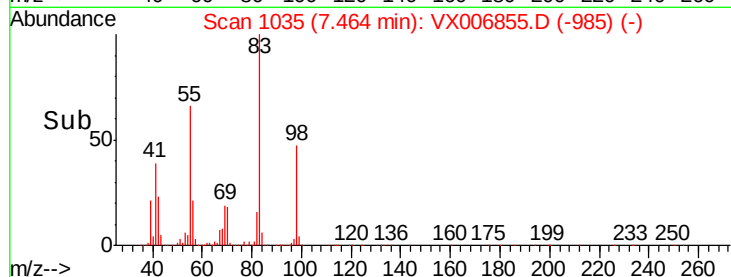
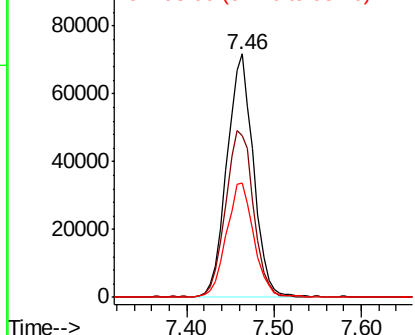


Abundance

Ion 83.00 (82.70 to 83.70): VX0

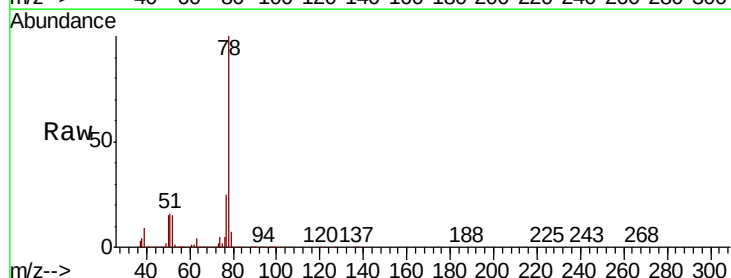
Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40
Benzene
Concen: 19.301 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

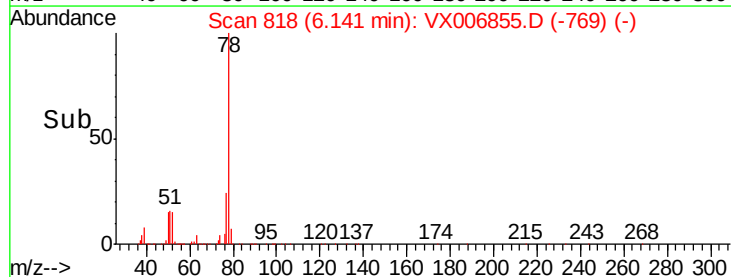
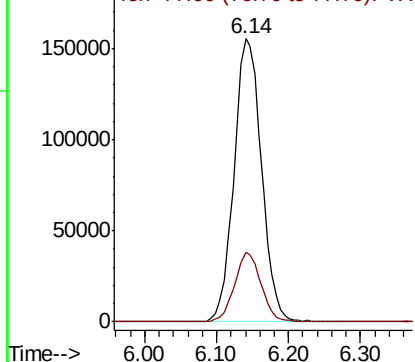
Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.2	28.8

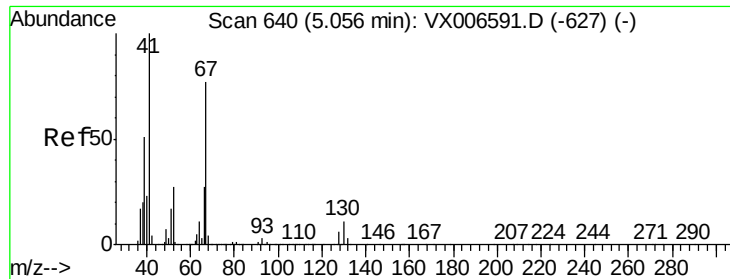


Abundance

Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 21.374 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Instrument :

MSVOA_X

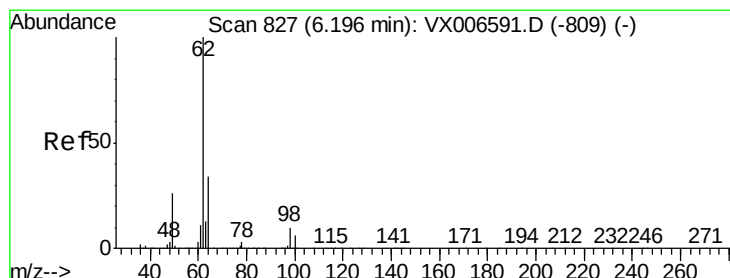
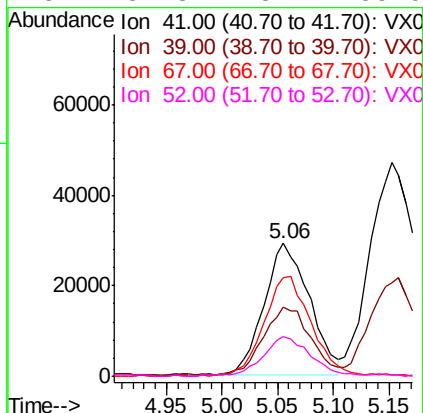
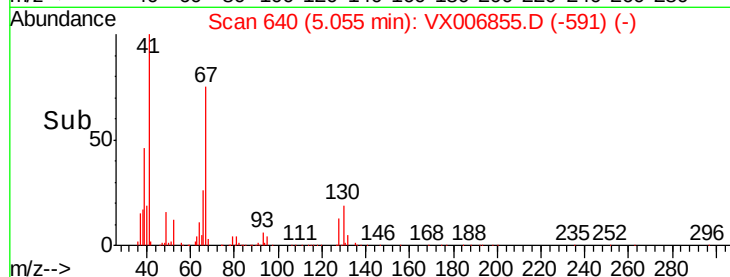
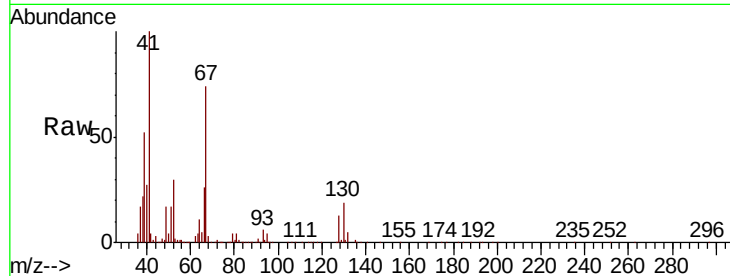
ClientSampled :

VX1228WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.2	42.8	64.2	
67	77.0	62.1	93.1	
52	31.8	23.4	35.0	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 19.522 ug/l

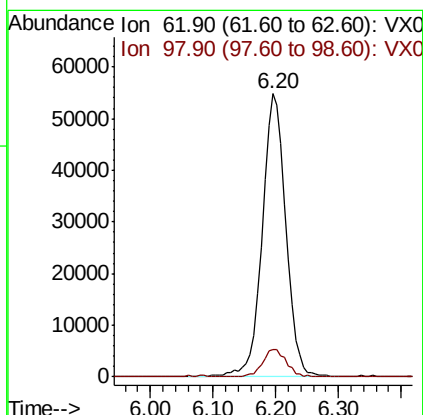
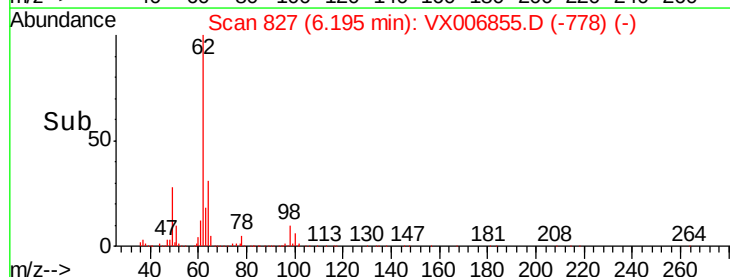
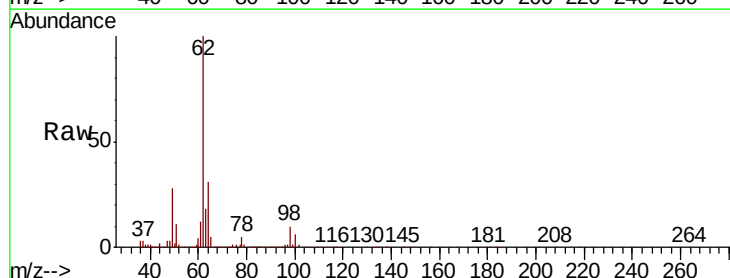
RT: 6.20 min Scan# 827

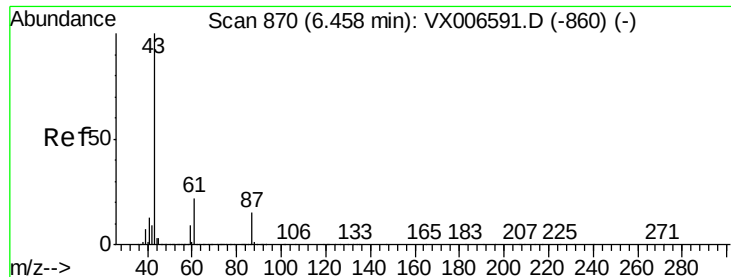
Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.9	0.0	20.2	





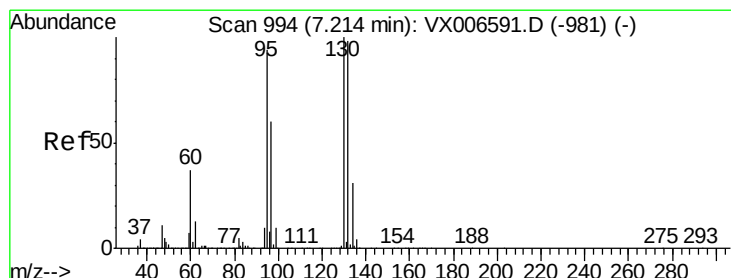
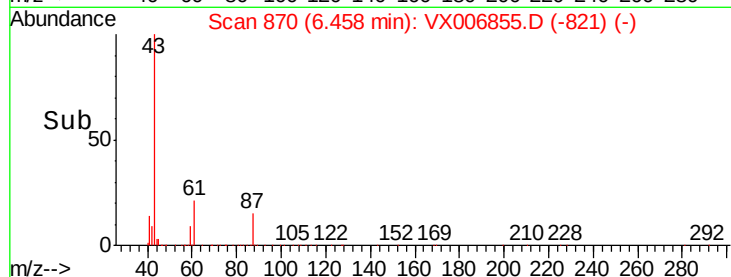
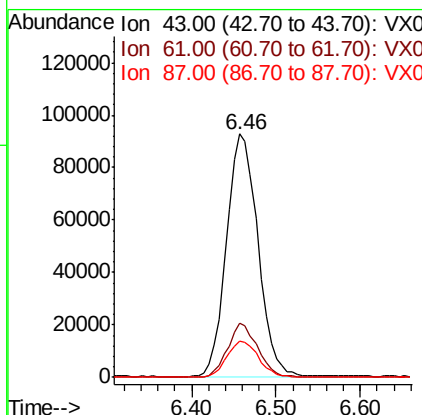
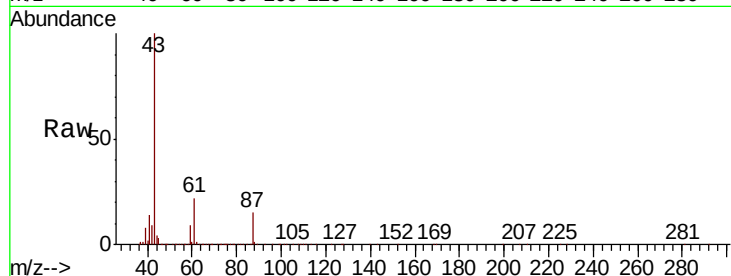
#43
Isopropyl Acetate
Concen: 21.228 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.00 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.3	16.8	25.2
87	15.2	12.4	18.6

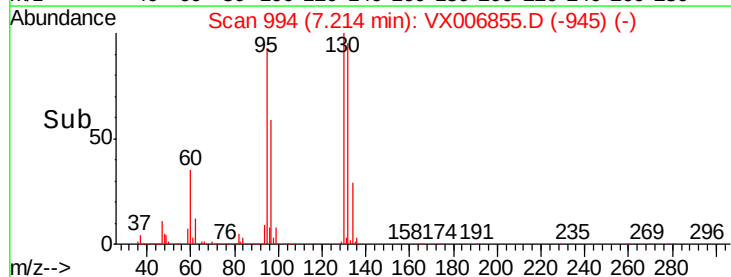
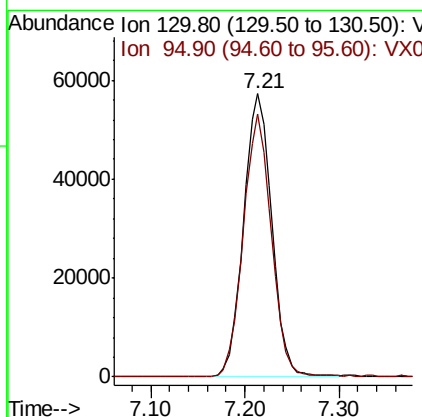
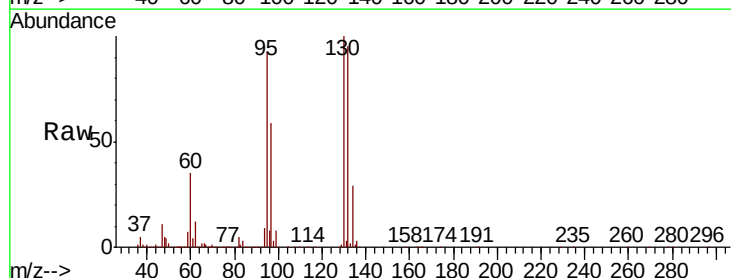
Manual Integrations
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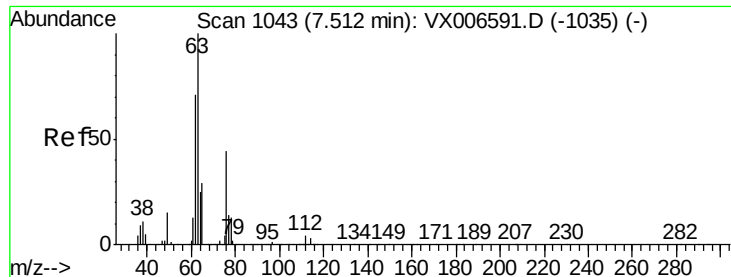
MMDadoda
1/2/2019 10:45:08 AM



#44
Trichloroethene
Concen: 18.501 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.9	0.0	187.0





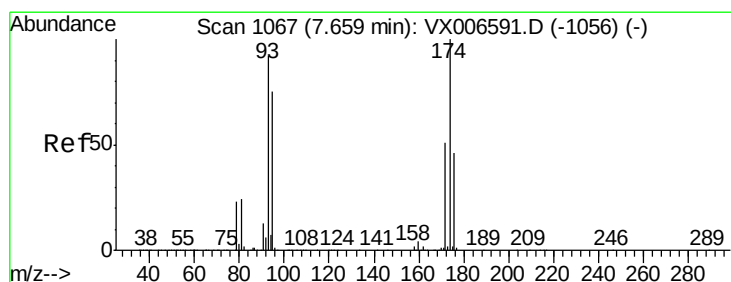
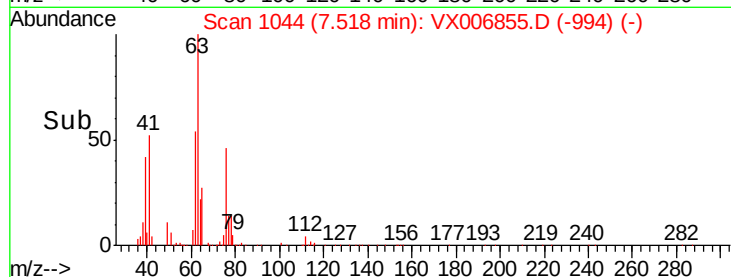
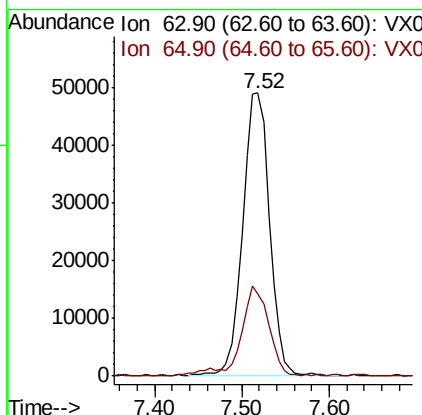
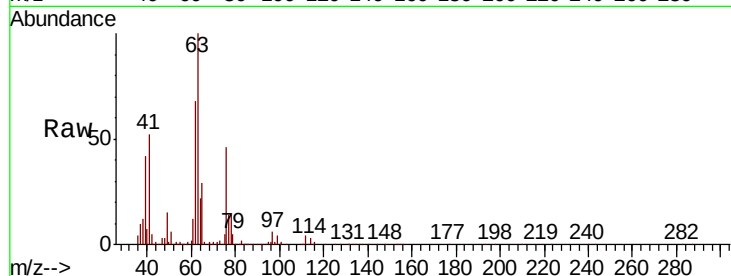
#45
 1,2-Dichloropropane
 Concen: 20.050 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VX006855.D
 Acq: 28 Dec 2018 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1228WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	28.5	25.4	38.0

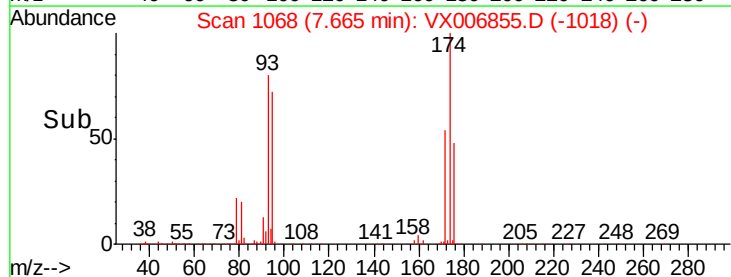
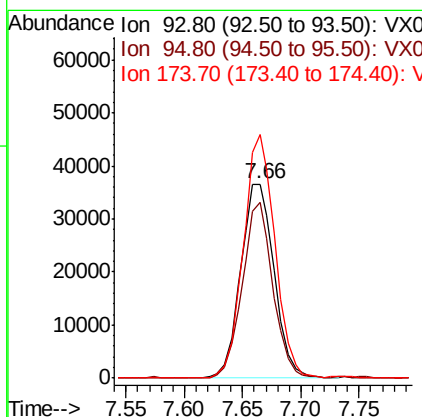
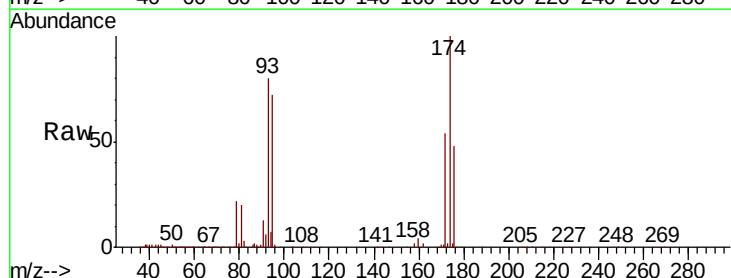
Manual Integrations
 APPROVED

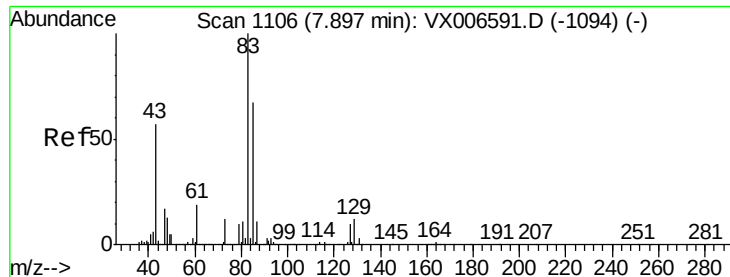
MMDadoda
 1/2/2019 10:45:08 AM



#46
 Dibromomethane
 Concen: 19.166 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX006855.D
 Acq: 28 Dec 2018 12:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.1	66.2	99.4
174	118.7	91.0	136.4





#47

Bromodichloromethane

Concen: 18.977 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Instrument :

MSVOA_X

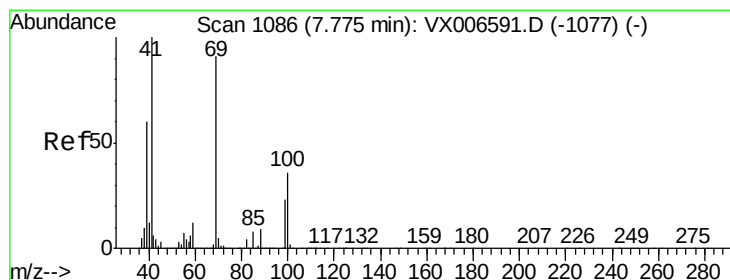
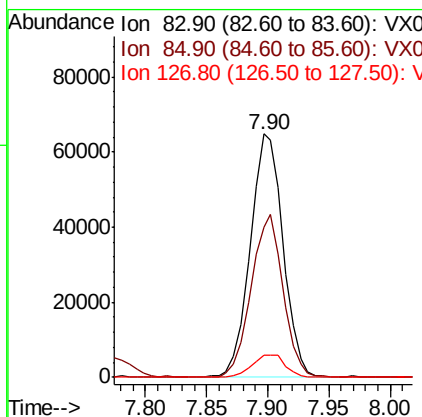
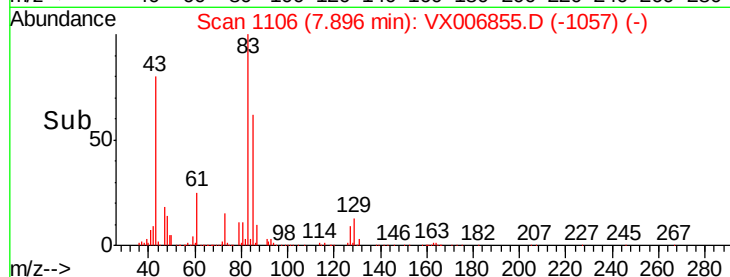
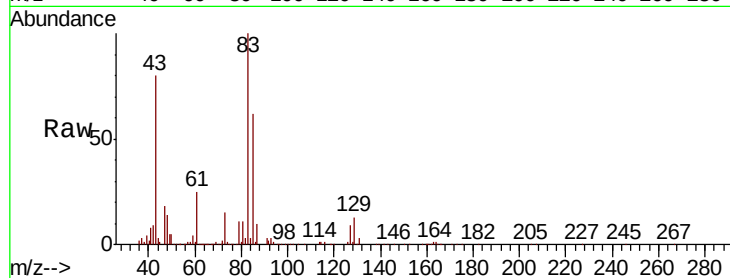
ClientSampleId :

VX1228WBSD01

Tot Ion:	83	Resp:	120251
Ion Ratio	Lower	Upper	
83	100		
85	61.7	53.2	79.8
127	8.9	7.8	11.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 21.471 ug/l

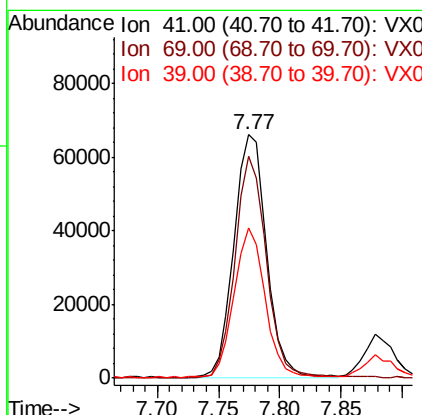
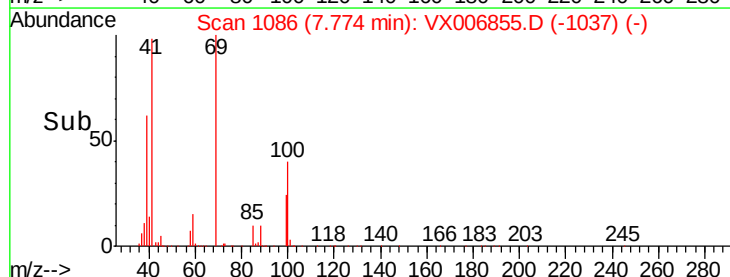
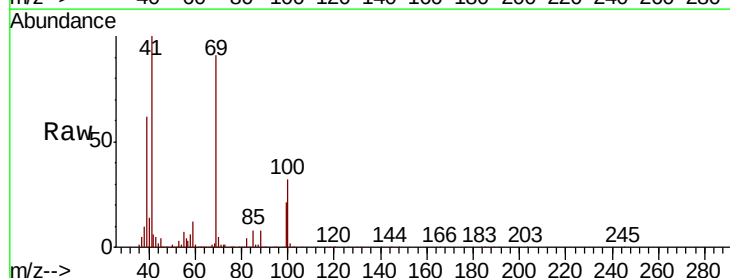
RT: 7.77 min Scan# 1086

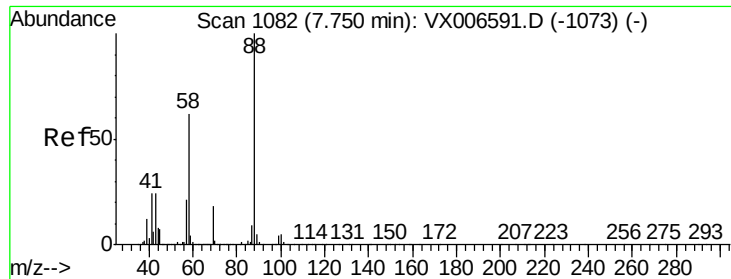
Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Tgt Ion:	41	Resp:	121300
Ion Ratio	Lower	Upper	
41	100		
69	88.1	72.4	108.6
39	60.0	45.8	68.8





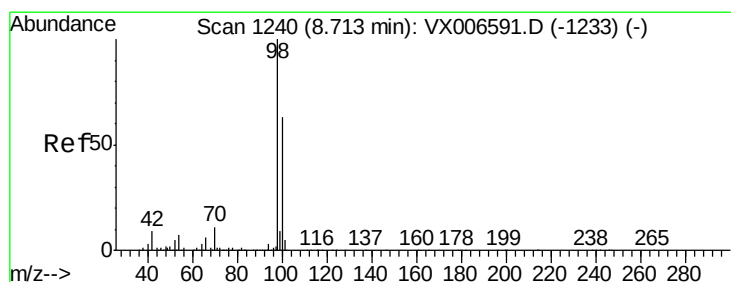
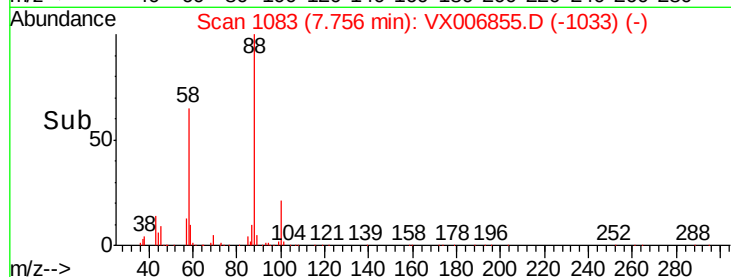
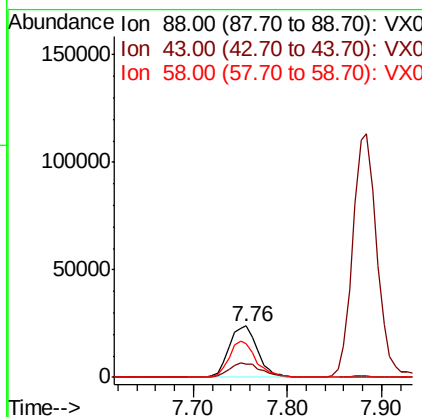
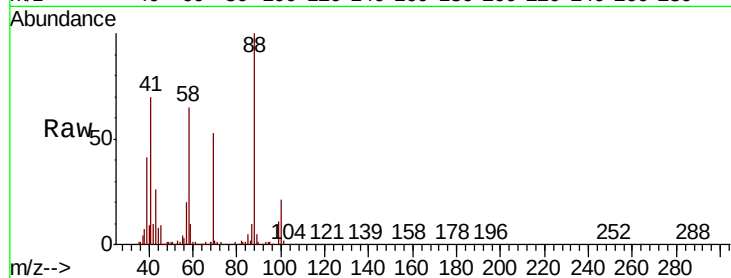
#49
1,4-Dioxane
Concen: 324.630 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.01 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.6	22.2	33.4
58	65.3	51.0	76.4

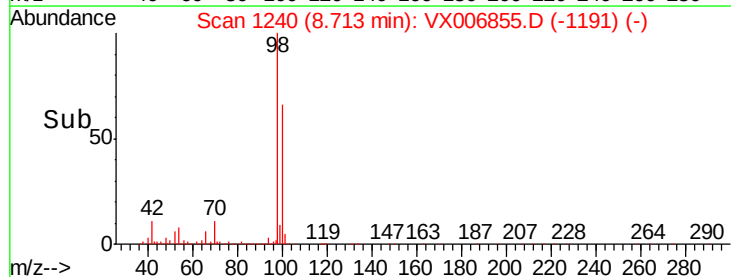
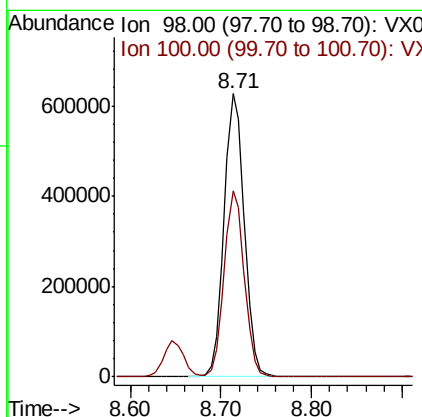
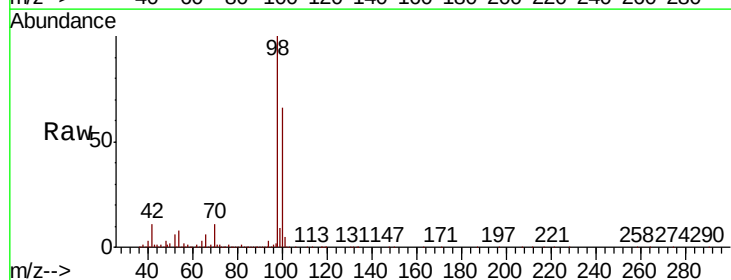
Manual Integrations
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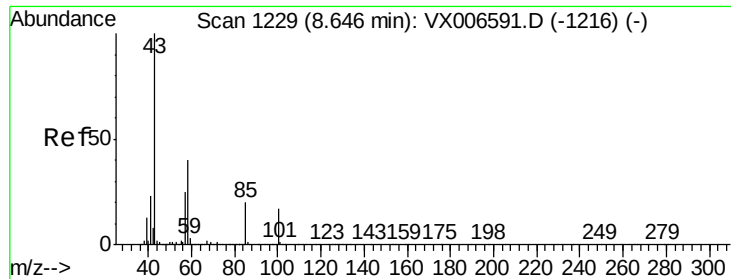
MMDadoda
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#50
Toluene-d8
Concen: 48.188 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 108.036 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Instrument :

MSVOA_X

ClientSampled :

VX1228WBSD01

Tot Ion: 43 Resp: 763664

Ion Ratio Lower Upper

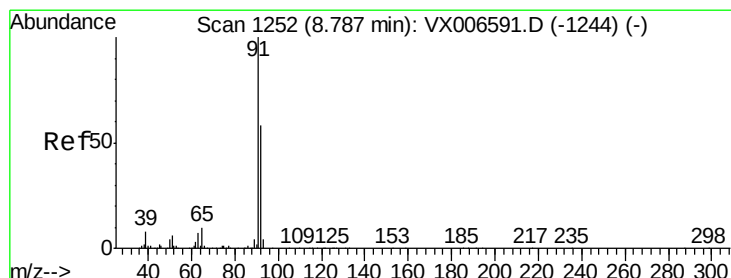
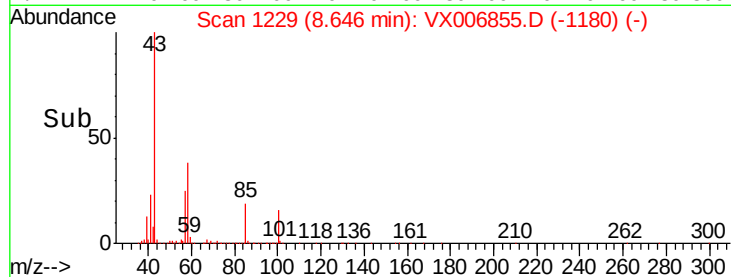
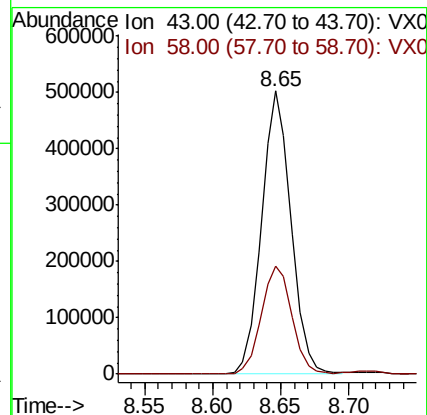
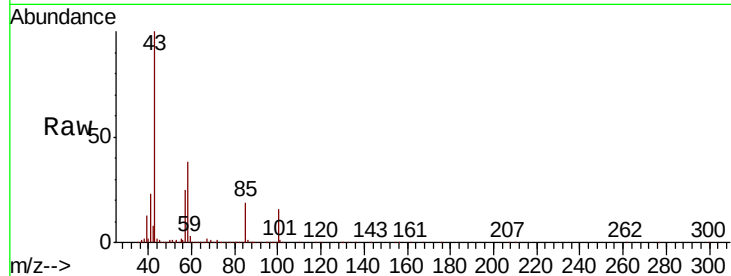
43 100

58 39.5 31.8 47.6

Manual Integrations
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#52

Toluene

Concen: 19.426 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006855.D

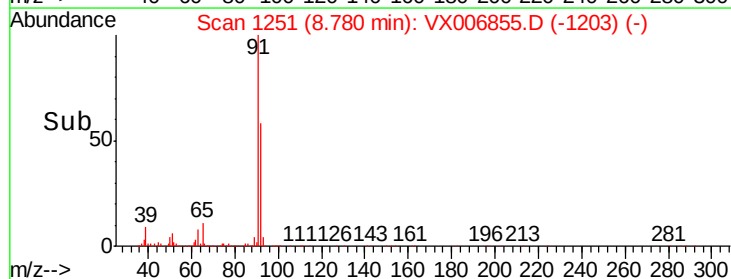
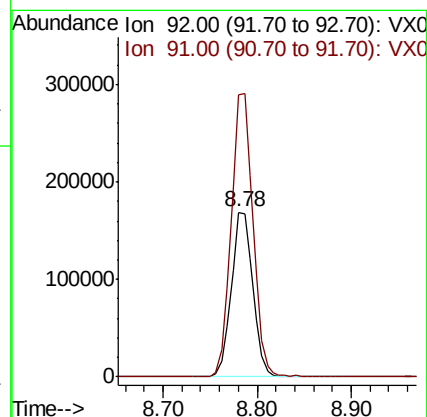
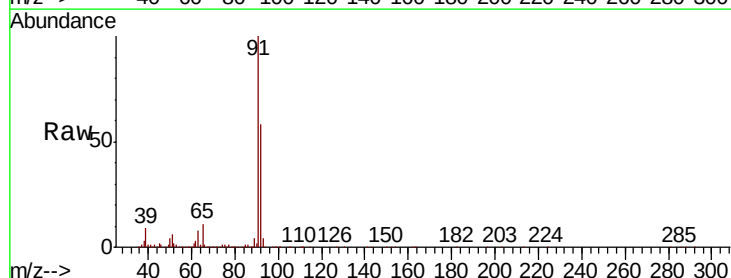
Acq: 28 Dec 2018 12:34

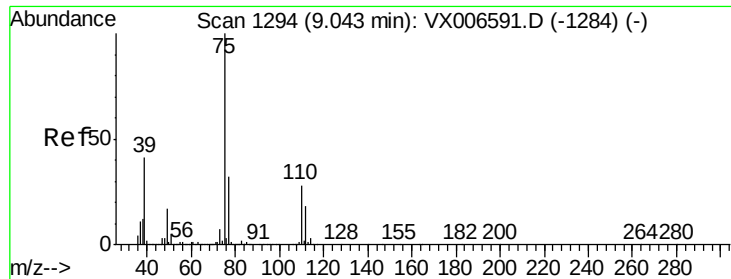
Tgt Ion: 92 Resp: 267612

Ion Ratio Lower Upper

92 100

91 173.6 137.6 206.4





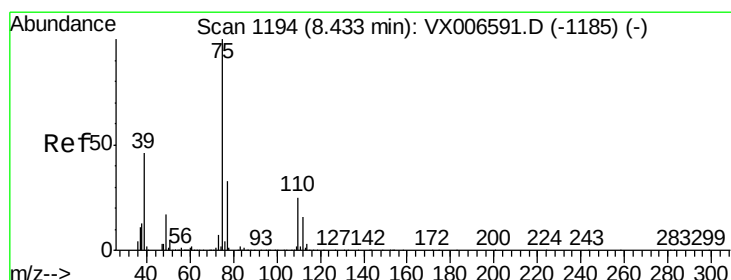
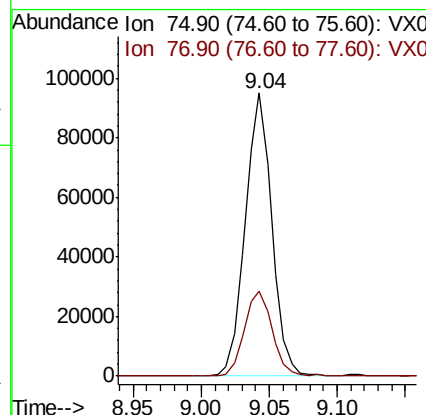
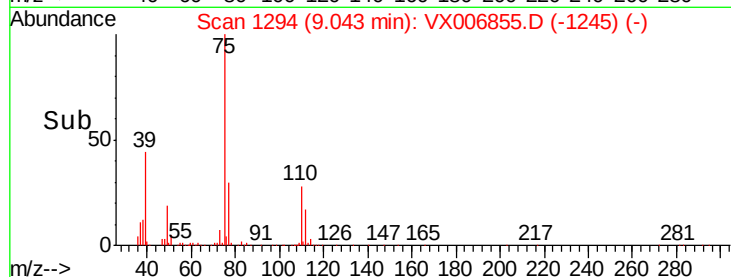
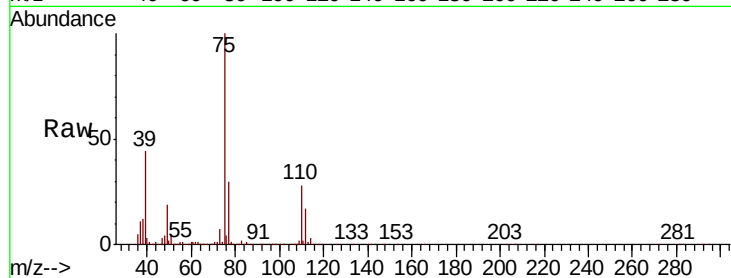
#53
t-1,3-Dichloropropene
Concen: 19.064 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.0	25.4	38.0

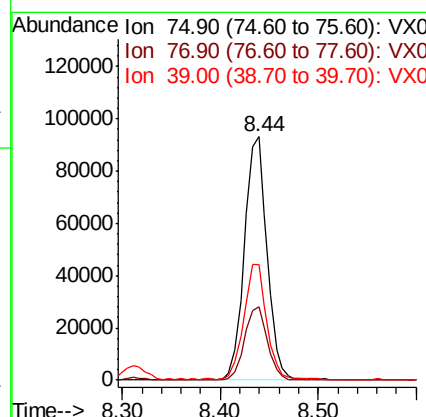
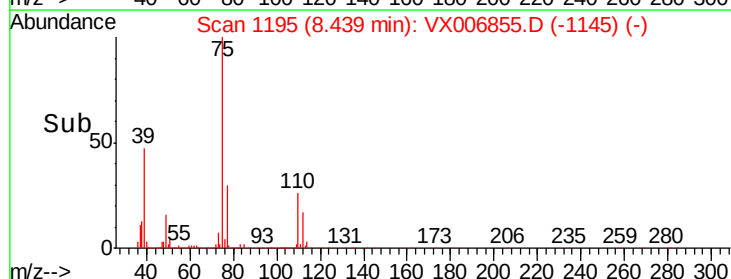
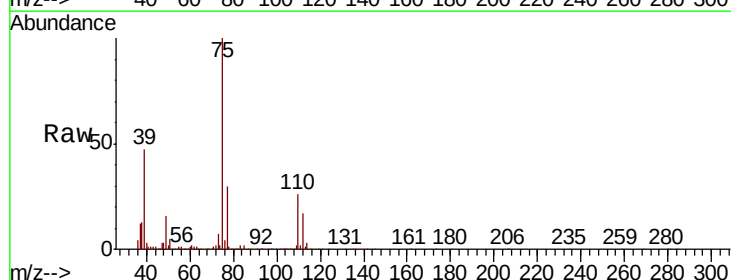
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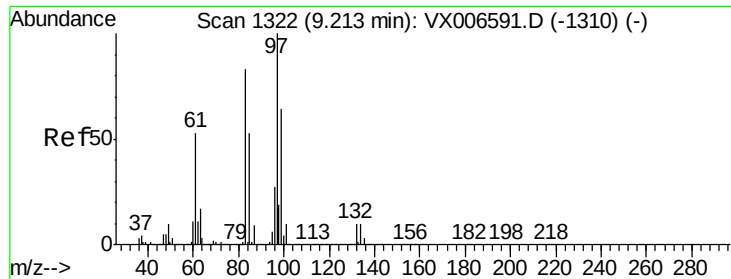
MMDadoda
1/2/2019 10:45:08 AM



#54
cis-1,3-Dichloropropene
Concen: 20.056 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.01 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.2	26.2	39.2
39	46.9	36.7	55.1





#55

1,1,2-Trichloroethane

Concen: 20.282 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Instrument :

MSVOA_X

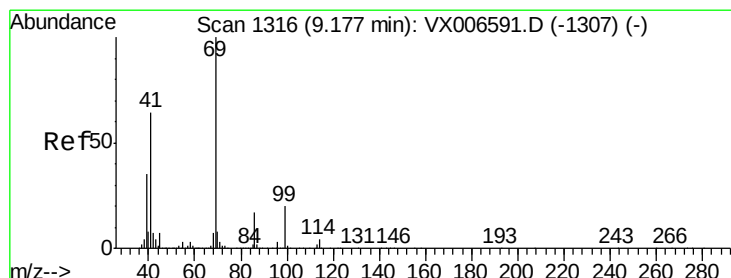
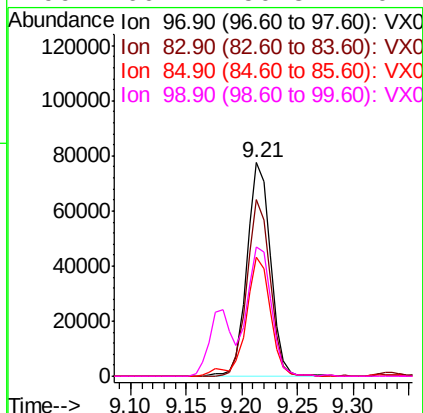
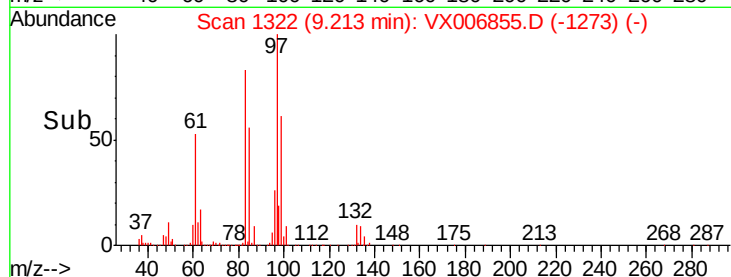
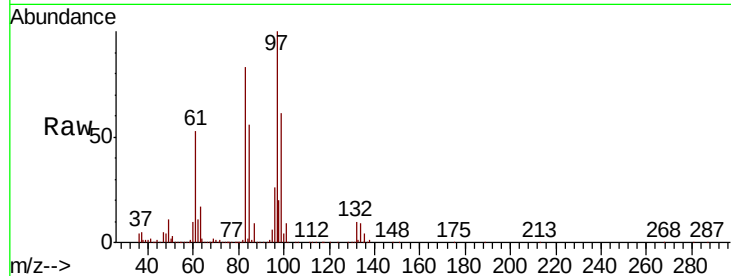
ClientSampleId :

VX1228WBSD01

Tot Ion:	97	Resp:	114367
Ion Ratio	Lower	Upper	
97	100		
83	82.6	66.6	99.8
85	55.5	42.7	64.1
99	60.7	50.8	76.2

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#56

Ethyl methacrylate

Concen: 21.079 ug/l

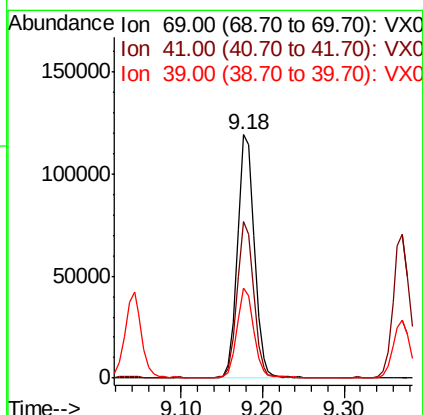
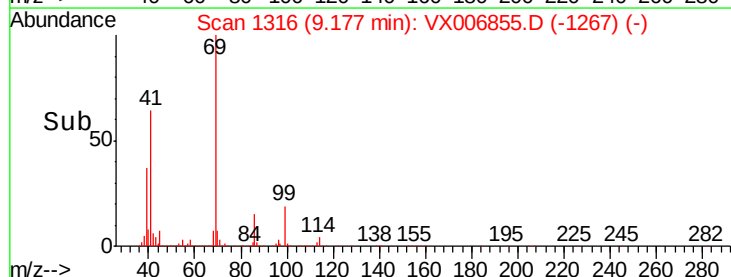
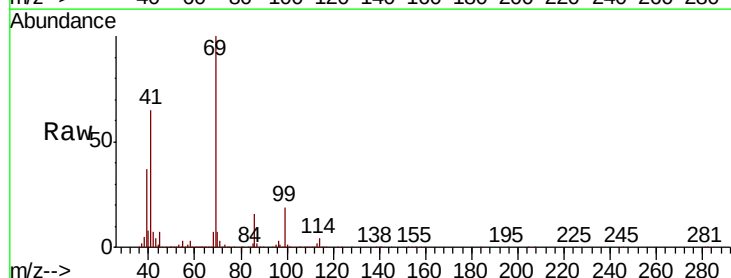
RT: 9.18 min Scan# 1316

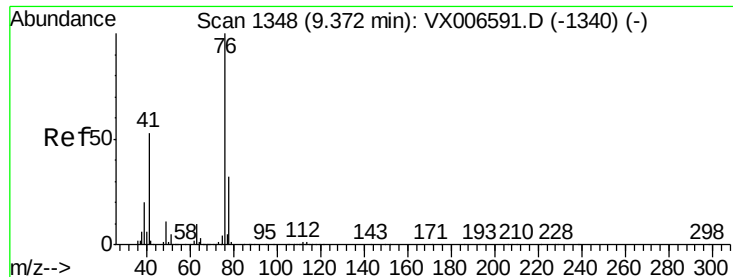
Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Tgt Ion:	69	Resp:	167995
Ion Ratio	Lower	Upper	
69	100		
41	62.9	48.7	73.1
39	36.4	27.0	40.6





#57

1,3-Dichloropropane

Concen: 19.998 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX1228WBSD01

Tot Ion: 76 Resp: 181421

Ion Ratio Lower Upper

76 100

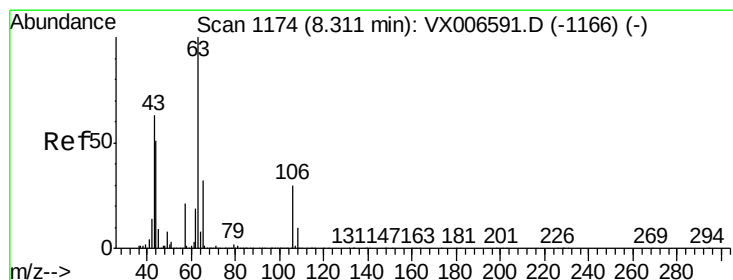
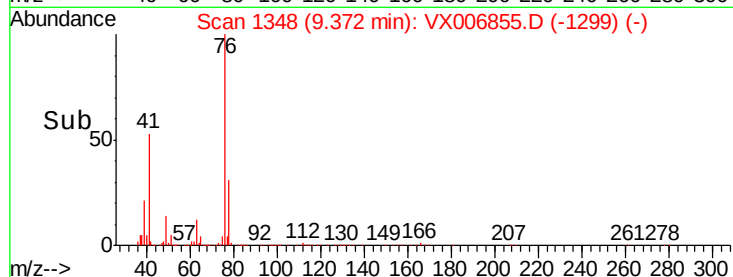
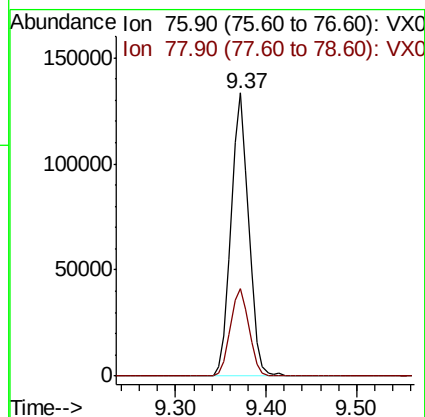
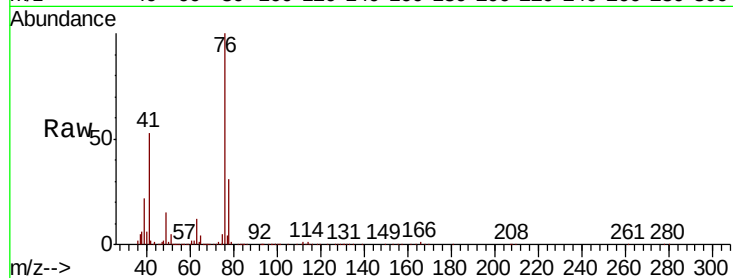
78 32.6 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 101.866 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX006855.D

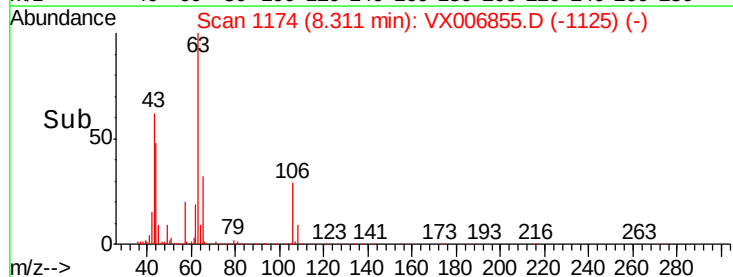
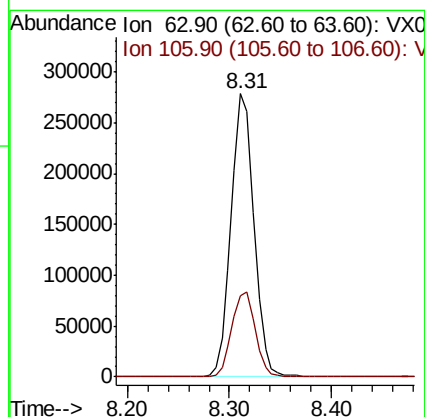
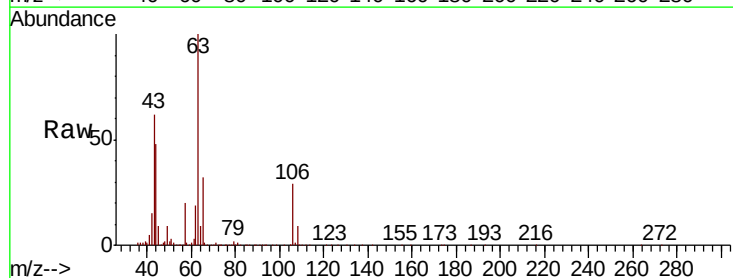
Acq: 28 Dec 2018 12:34

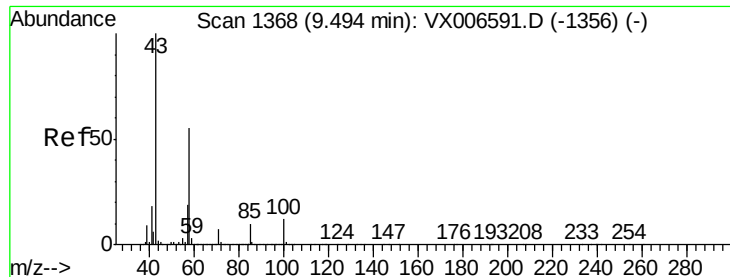
Tgt Ion: 63 Resp: 431542

Ion Ratio Lower Upper

63 100

106 30.7 24.6 36.8





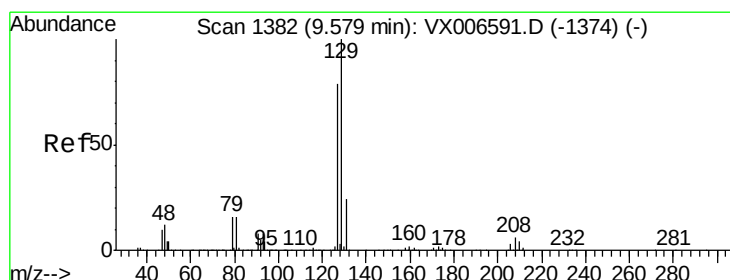
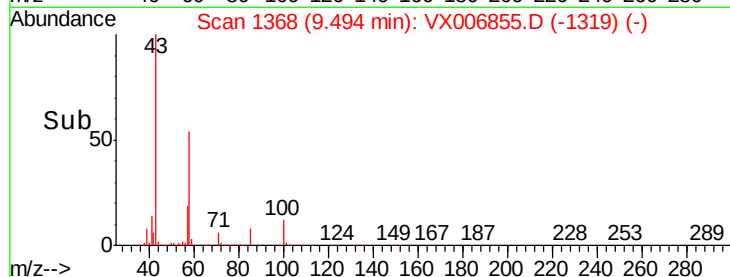
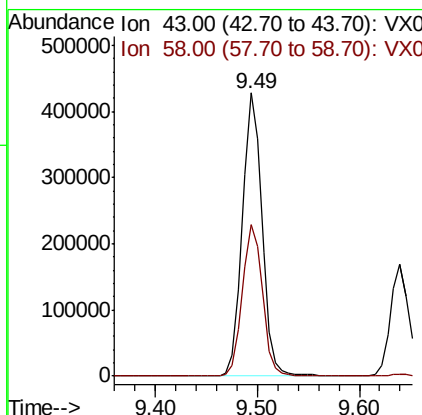
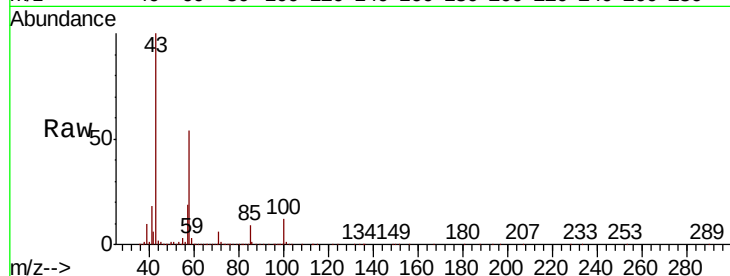
#59
2-Hexanone
Concen: 105.122 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.7	27.7	83.1

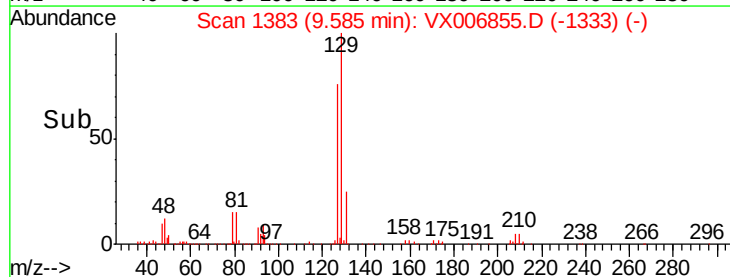
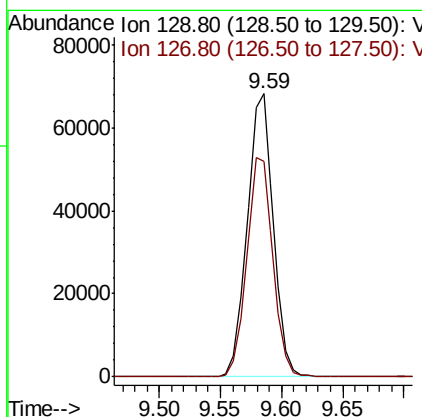
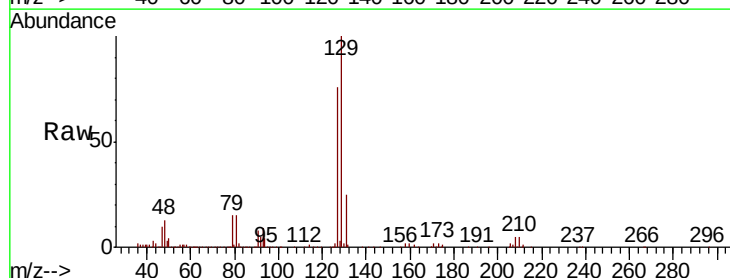
Manual Integrations
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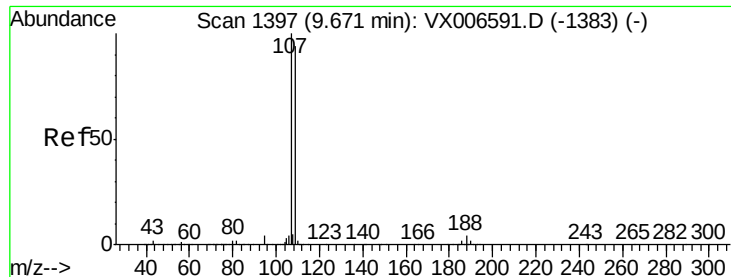
MMDadoda
1/2/2019 10:45:08 AM



#60
Dibromochloromethane
Concen: 18.685 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.5	39.3	117.8





#61

1,2-Dibromoethane

Concen: 19.876 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX1228WBSD01

Tot Ion: 107 Resp: 119141

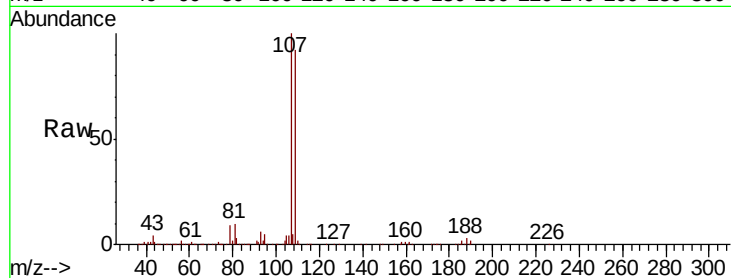
Ion Ratio Lower Upper

107 100

109 95.5 75.8 113.6

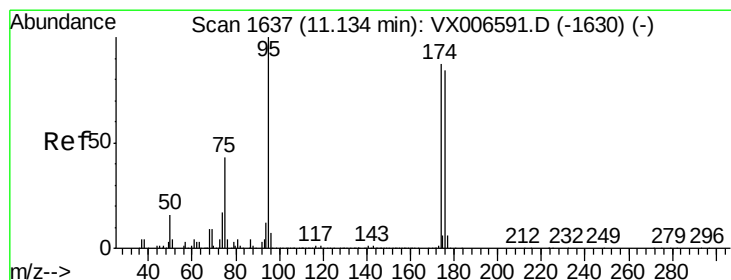
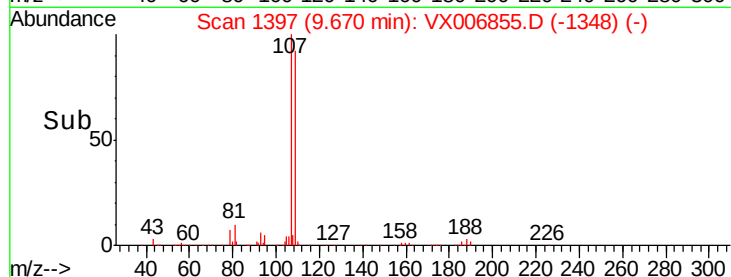
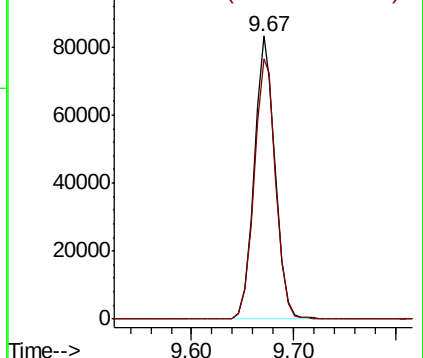
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.359 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

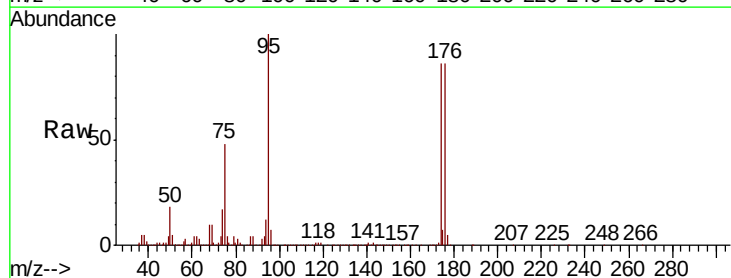
Tgt Ion: 95 Resp: 350247

Ion Ratio Lower Upper

95 100

174 94.3 0.0 182.2

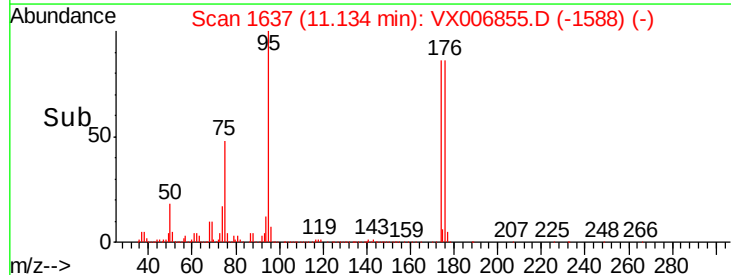
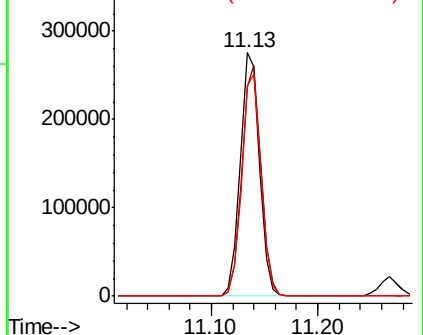
176 91.5 0.0 178.8

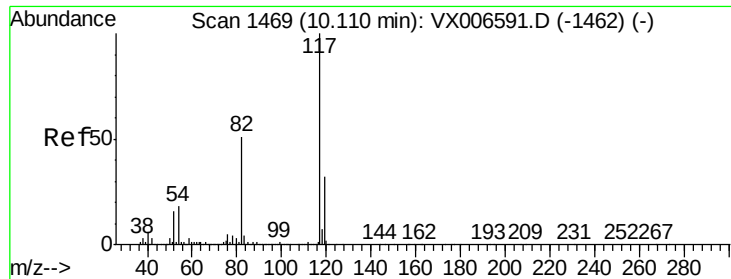


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





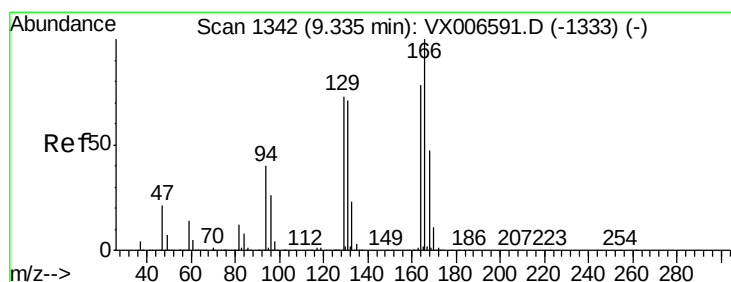
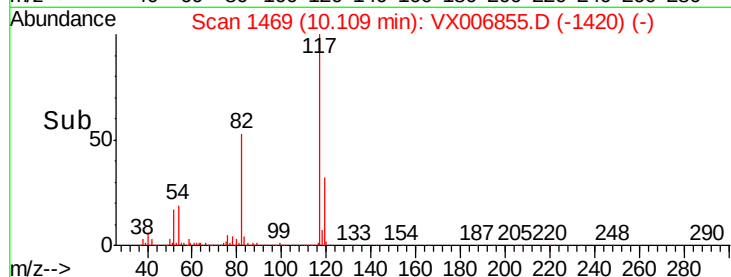
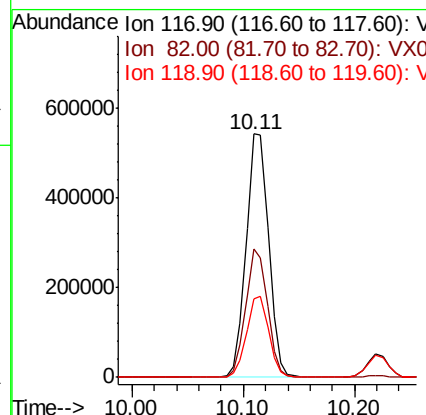
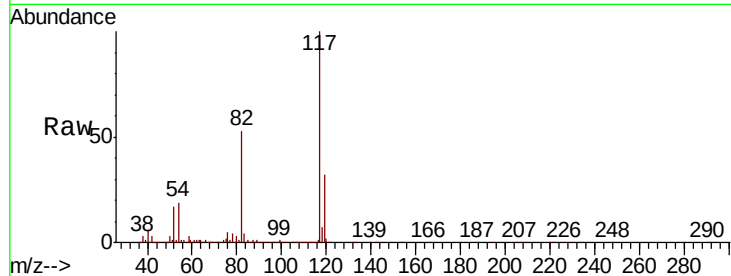
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	52.5	41.0	61.6
119	32.2	25.4	38.0

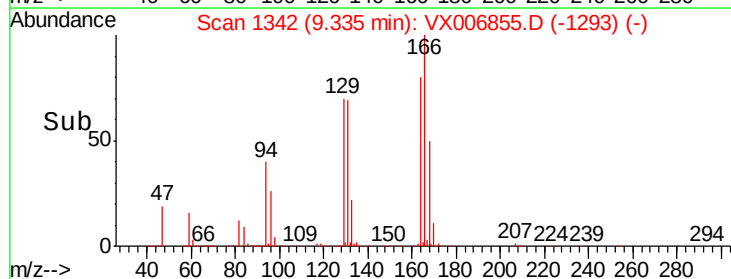
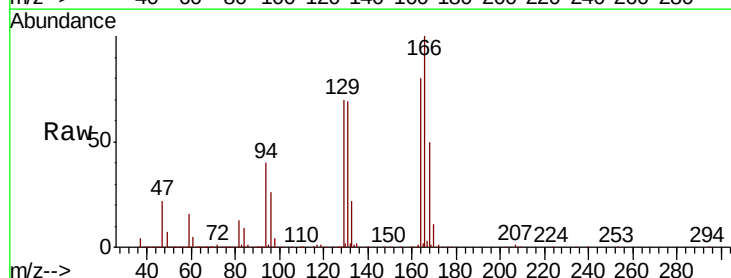
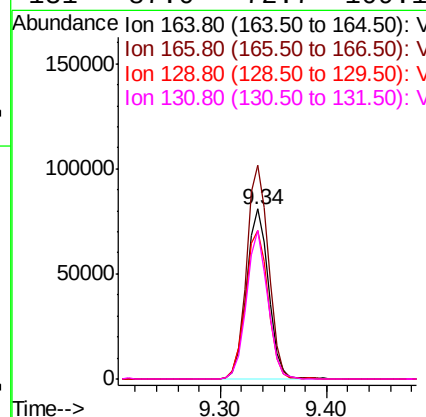
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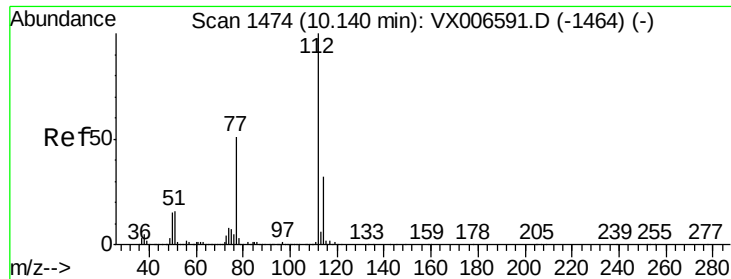
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#64
Tetrachloroethene
Concen: 19.548 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	125.5	102.5	153.7
129	87.6	75.1	112.7
131	87.0	72.7	109.1





#65

Chlorobenzene

Concen: 19.189 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Instrument :

MSVOA_X

ClientSampled :

VX1228WBSD01

Tot Ion:112 Resp: 309986

Ion Ratio Lower Upper

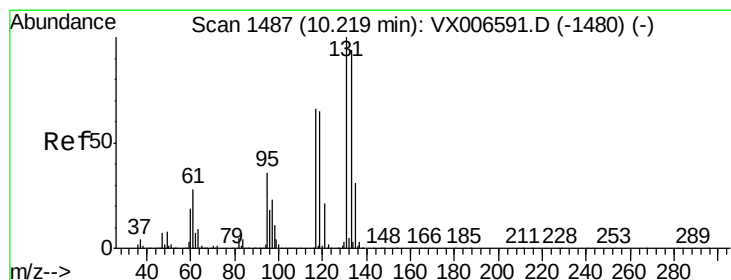
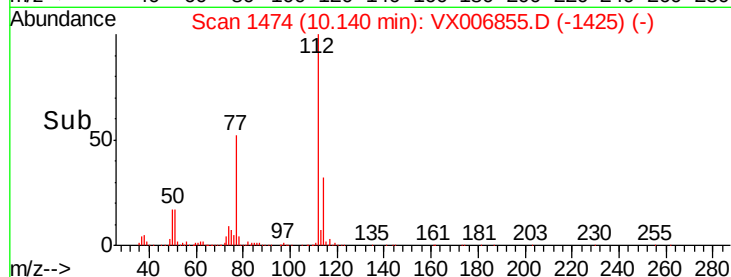
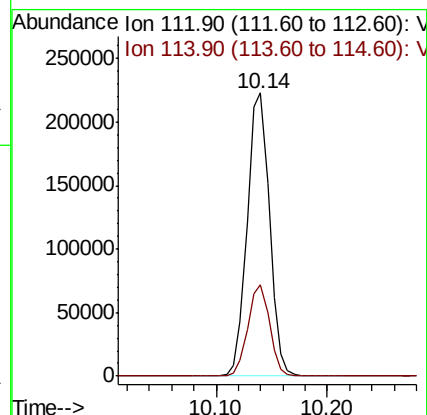
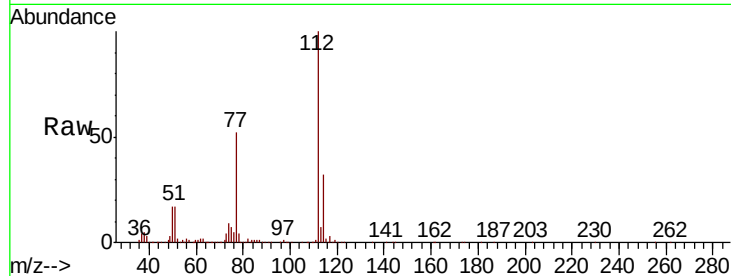
112 100

114 32.3 25.7 38.5

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#66

1,1,1,2-Tetrachloroethane

Concen: 20.521 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

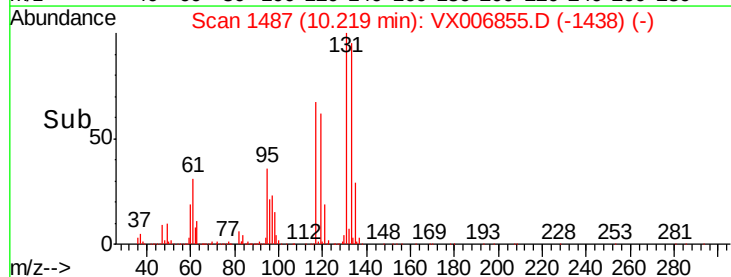
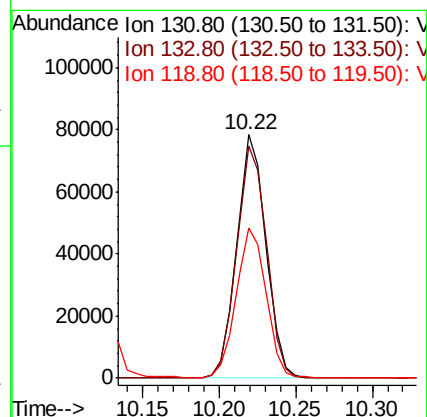
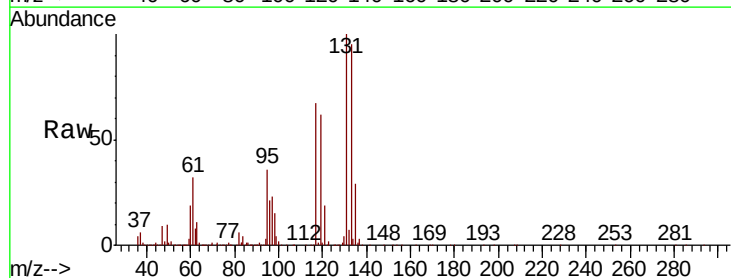
Tgt Ion:131 Resp: 103429

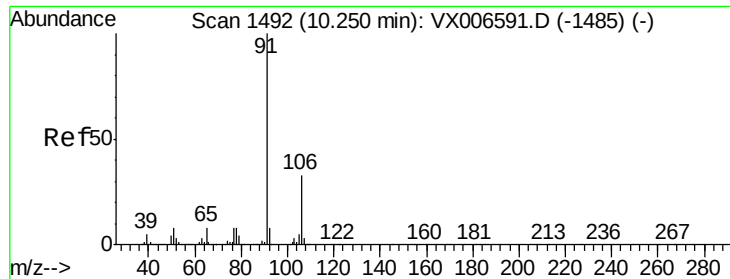
Ion Ratio Lower Upper

131 100

133 98.0 48.0 144.2

119 63.5 32.6 97.8





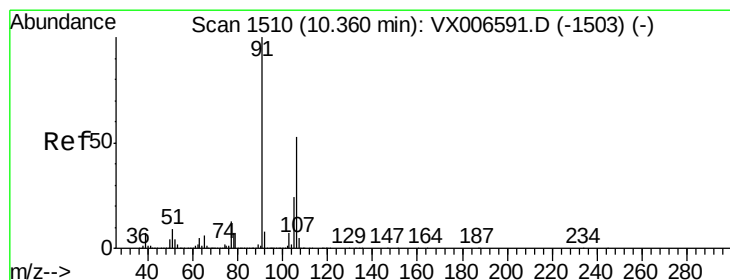
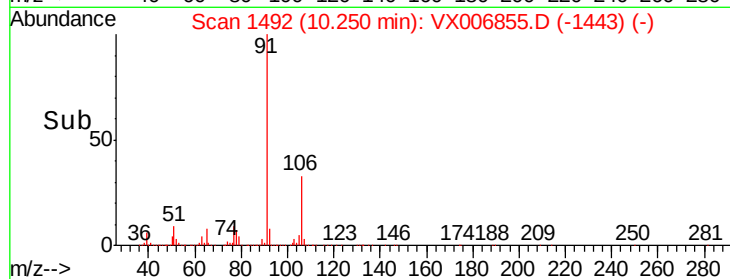
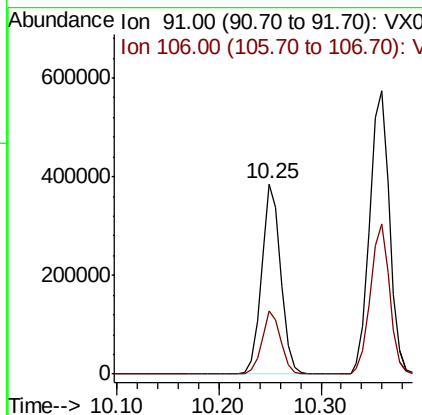
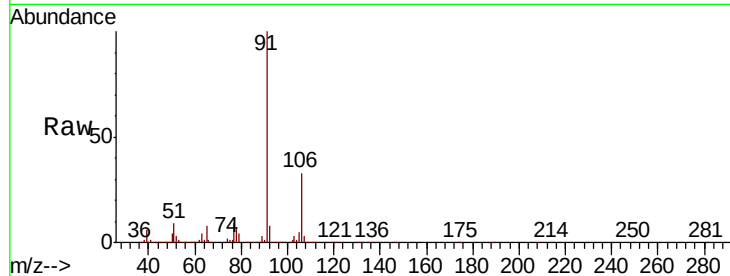
#67
Ethyl Benzene
Concen: 19.169 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01

Tot Ion: 91 Resp: 506005
Ion Ratio Lower Upper
91 100
106 33.3 26.4 39.6

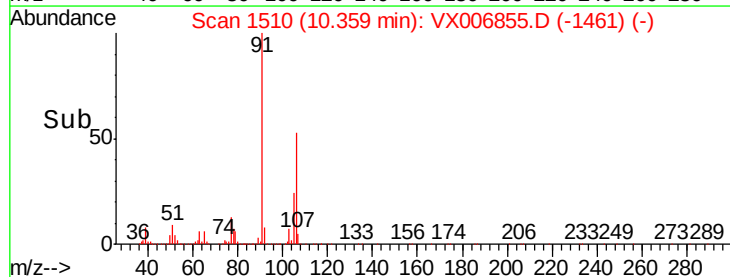
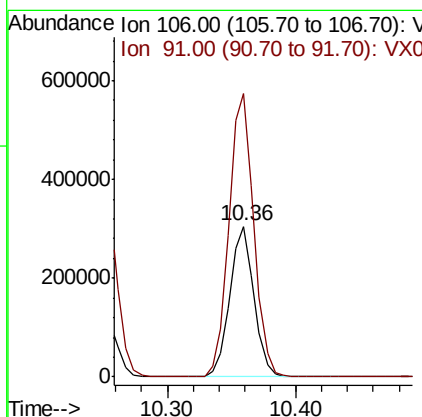
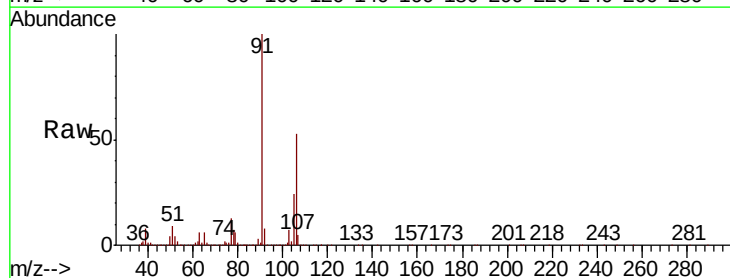
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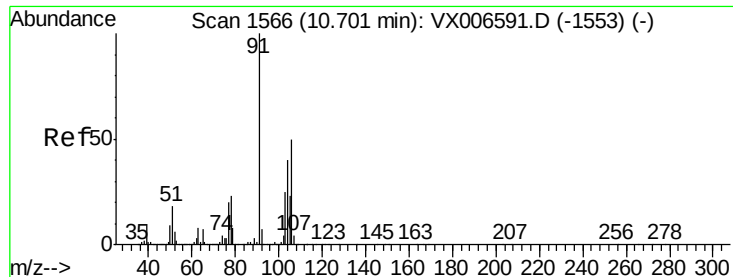
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#68
m/p-Xylenes
Concen: 38.391 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

Tgt Ion: 106 Resp: 399892
Ion Ratio Lower Upper
106 100
91 193.4 155.8 233.6





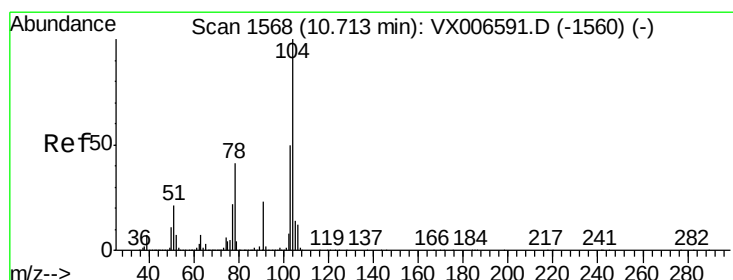
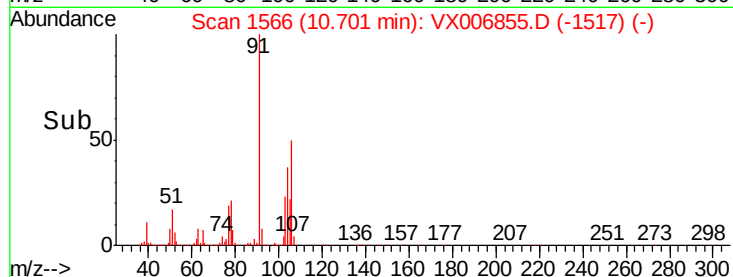
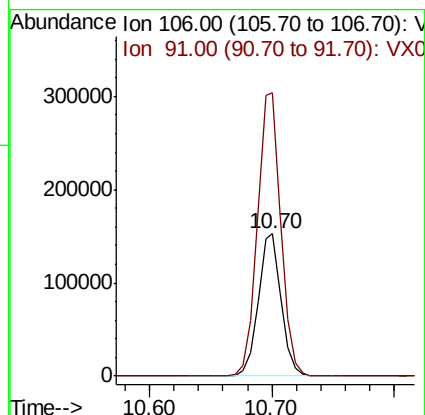
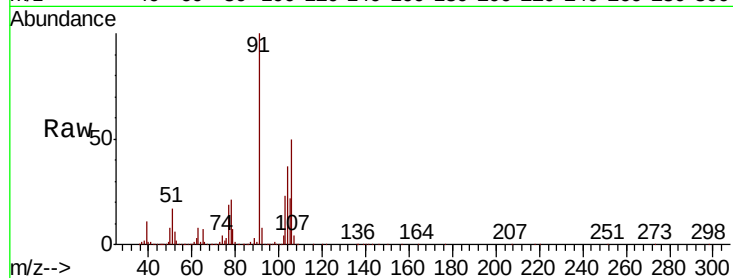
#69
o-Xylene
Concen: 19.285 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	198361		
91	205.0	101.3	303.7	

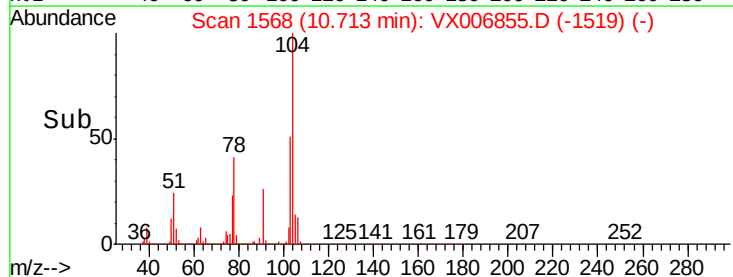
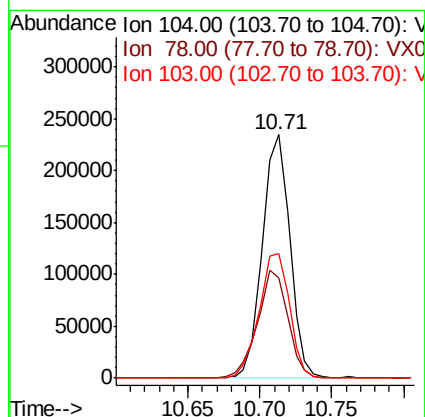
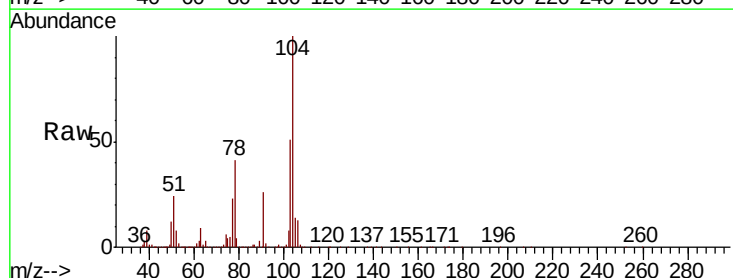
Manual Integrations
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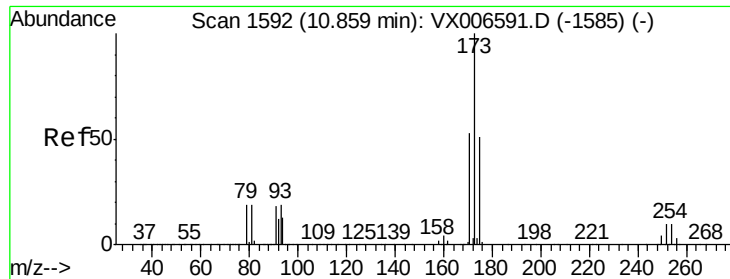
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#70
Styrene
Concen: 19.023 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	309560		
78	48.8	37.7	56.5	
103	57.2	43.8	65.8	





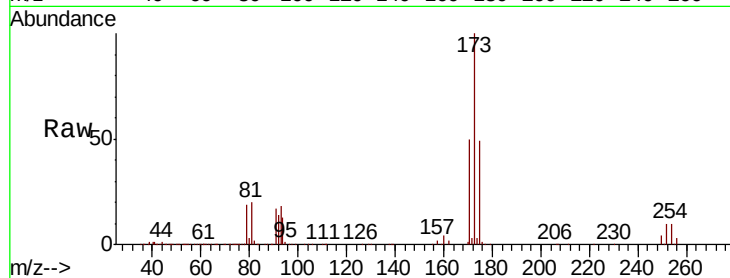
#71
Bromoform
Concen: 18.528 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

Instrument :
MSVOA_X
ClientSampled :
VX1228WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.6	24.7	74.1
254	0.2	0.2	0.2

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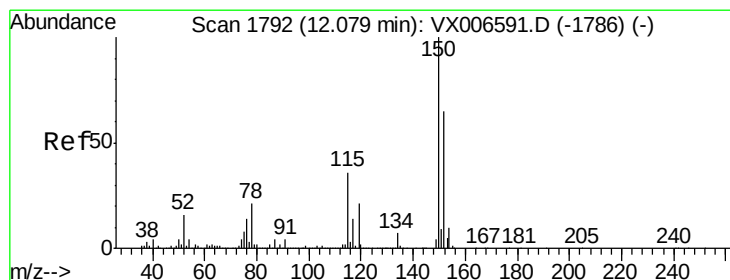
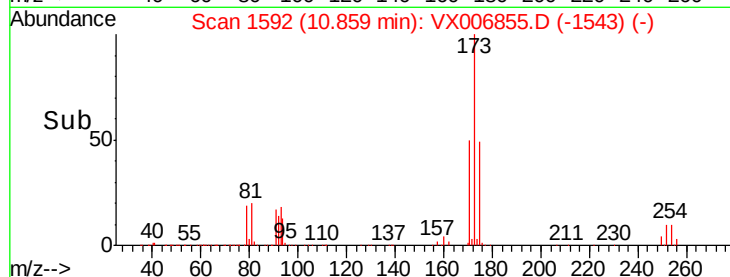
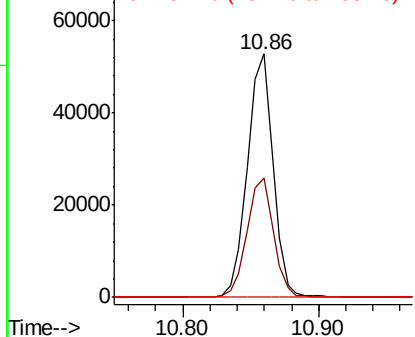


Abundance

Ion 172.70 (172.40 to 173.40): V

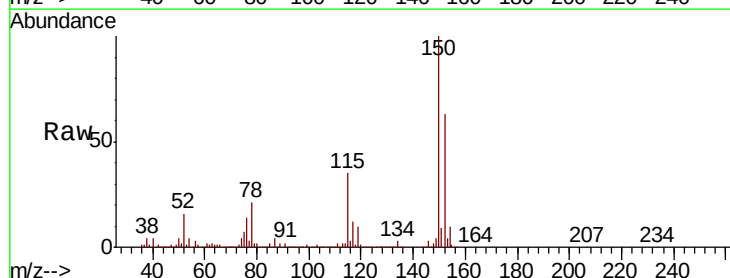
Ion 174.70 (174.40 to 175.40): V

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: VX006855.D
Acq: 28 Dec 2018 12:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.0	39.1	117.2
150	162.2	0.0	344.8

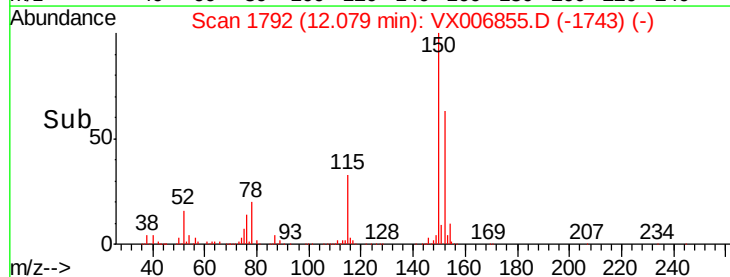
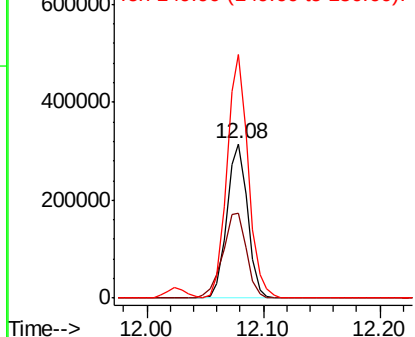


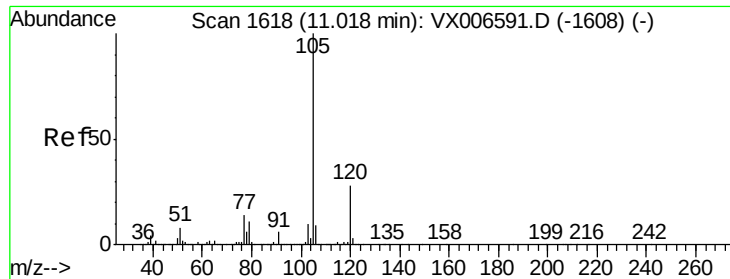
Abundance

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





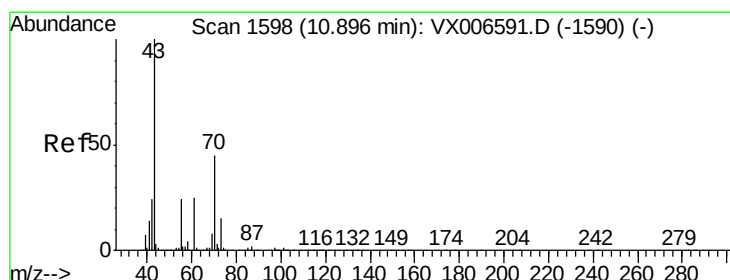
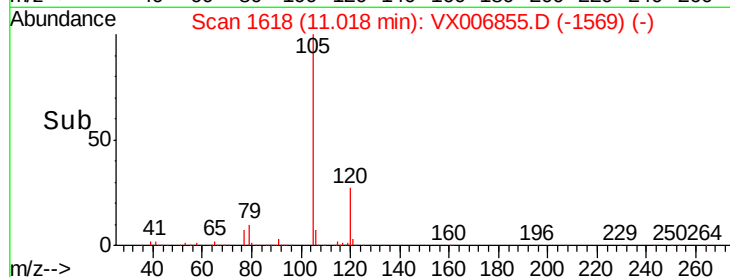
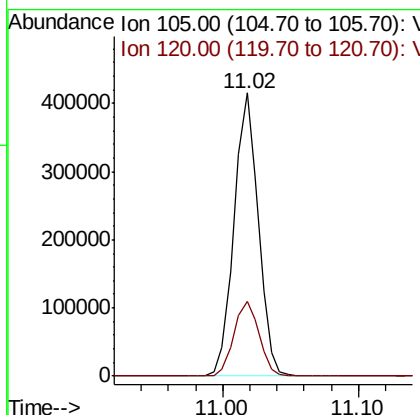
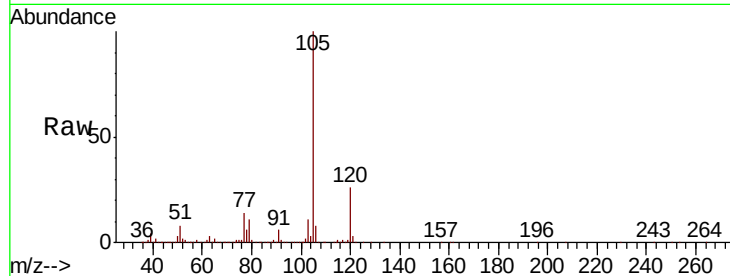
#73
Isopropylbenzene
Concen: 19.510 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.4	14.1	42.4

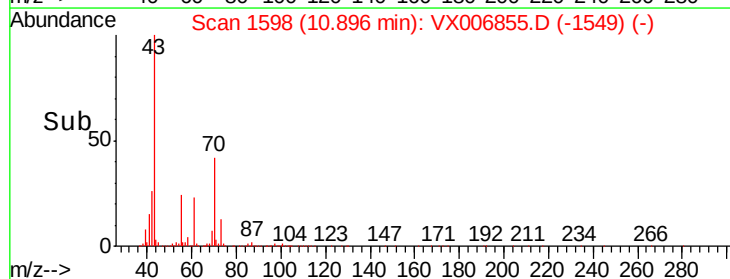
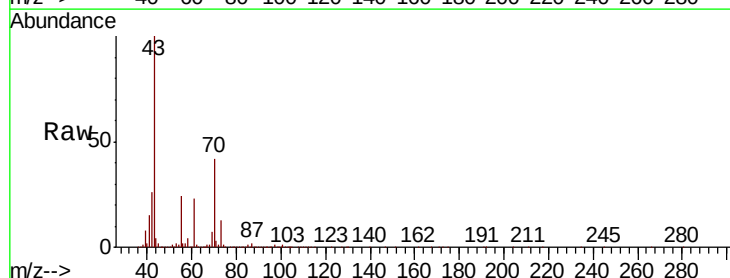
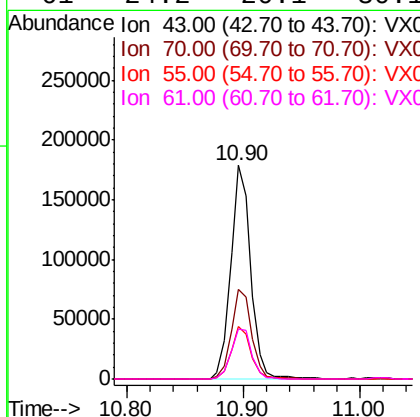
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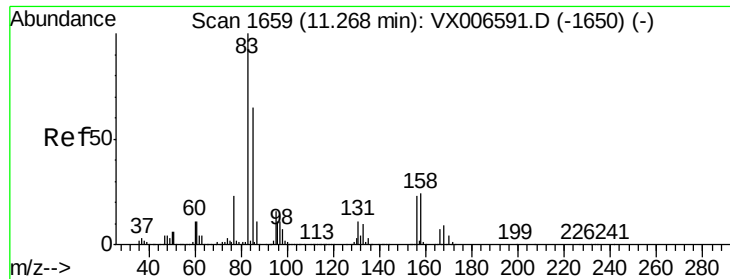
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#74
N-ethyl acetate
Concen: 22.400 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.1	35.8	53.8
55	24.2	19.4	29.0
61	24.2	20.1	30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.334 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Instrument :

MSVOA_X

ClientSampled :

VX1228WBSD01

Tot Ion: 83 Resp: 167452

Ion Ratio Lower Upper

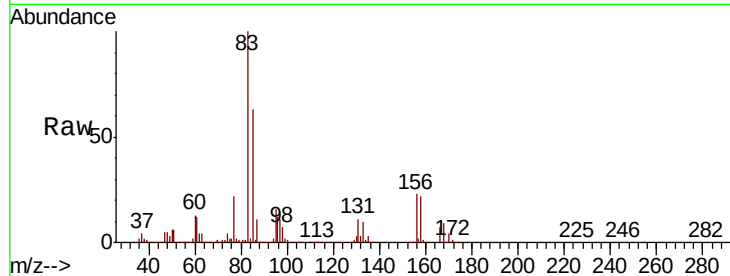
83 100

131 11.3 5.7 17.1

85 63.3 32.2 96.6

Manual Integrations
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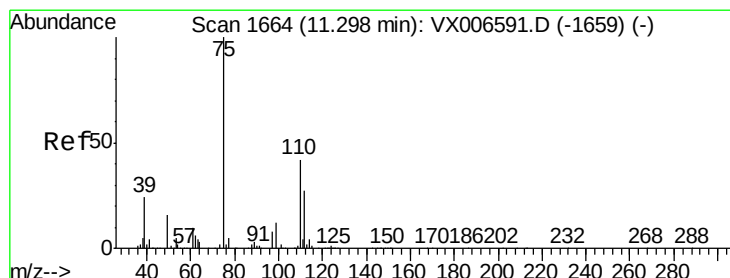
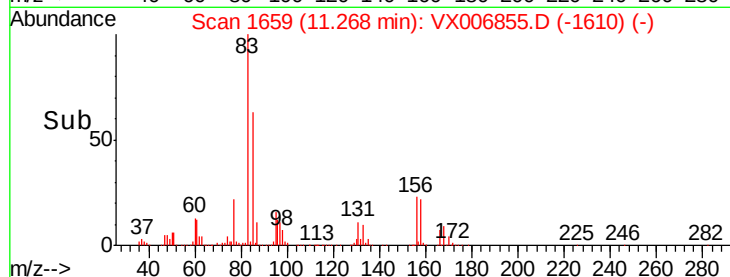
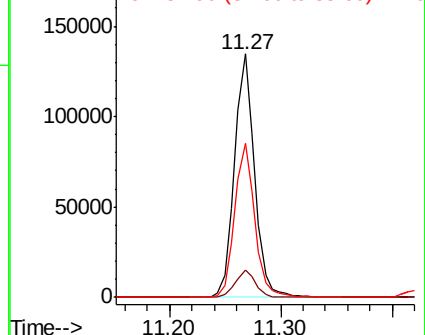
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 21.176 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006855.D

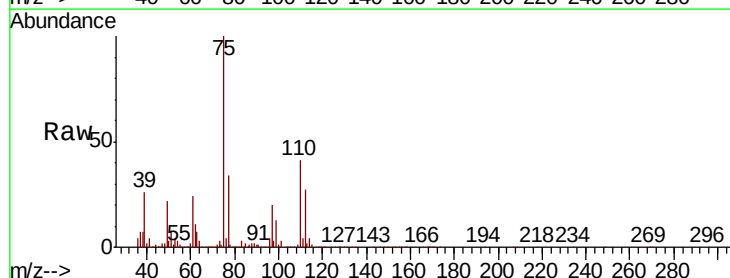
Acq: 28 Dec 2018 12:34

Tgt Ion: 75 Resp: 151820

Ion Ratio Lower Upper

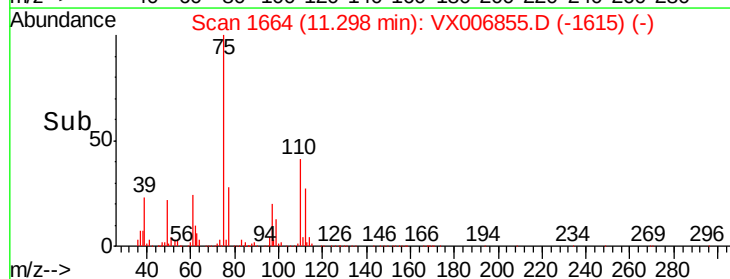
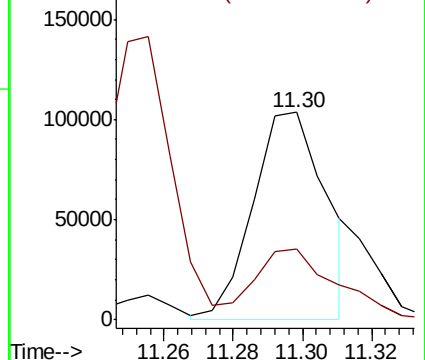
75 100

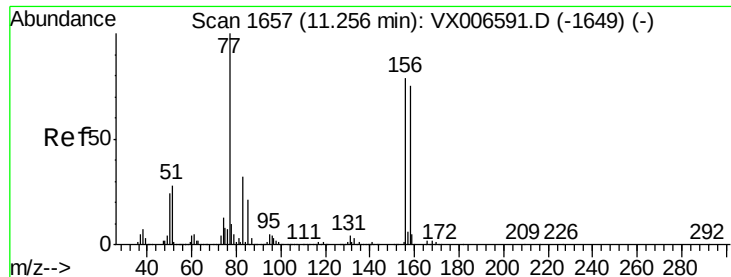
77 38.7 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.106 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Instrument :

MSVOA_X

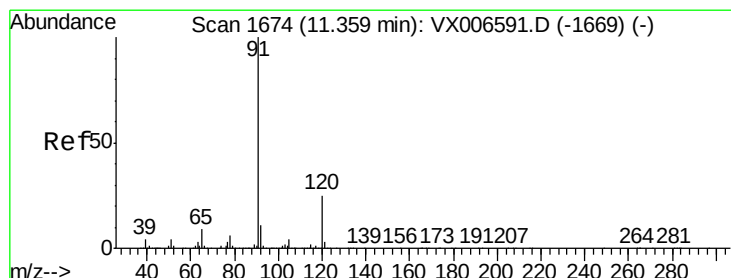
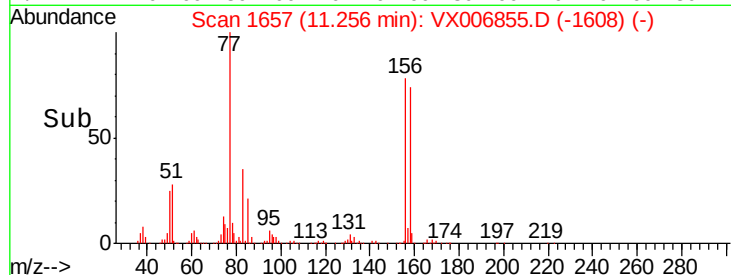
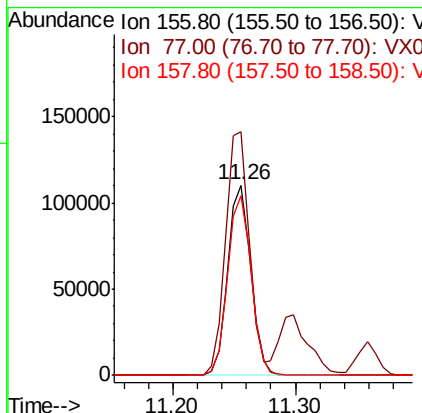
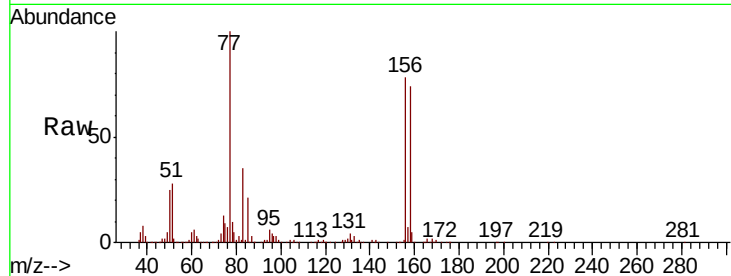
ClientSampleId :

VX1228WBSD01

Tot Ion:	156	Resp:	143461
Ion Ratio	Lower	Upper	
156	100		
77	131.4	68.0	204.0
158	95.9	48.3	144.8

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#78

n-propylbenzene

Concen: 19.275 ug/l

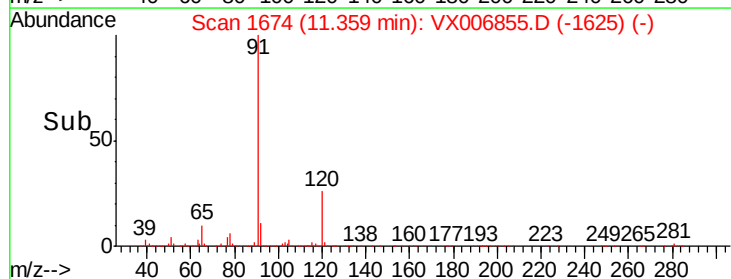
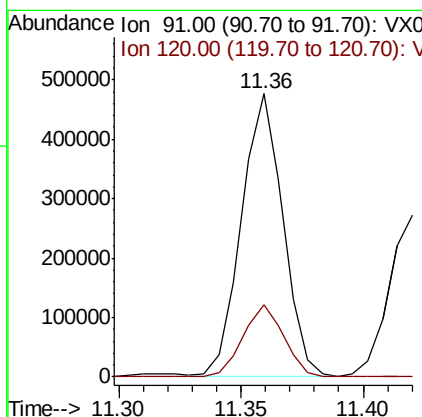
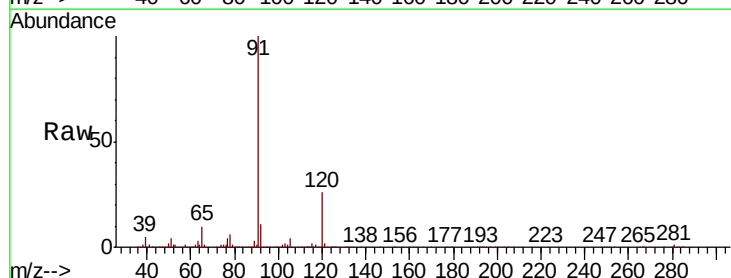
RT: 11.36 min Scan# 1674

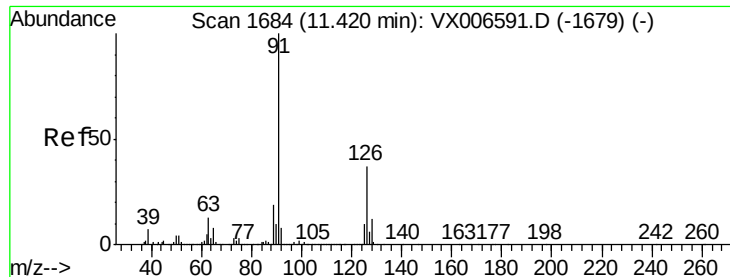
Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Tgt Ion:	91	Resp:	560169
Ion Ratio	Lower	Upper	
91	100		
120	25.4	12.7	38.0





#79

2-Chlorotoluene

Concen: 18.973 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Instrument :

MSVOA_X

ClientSampled :

VX1228WBSD01

Tot Ion: 91 Resp: 334162

Ion Ratio Lower Upper

91 100

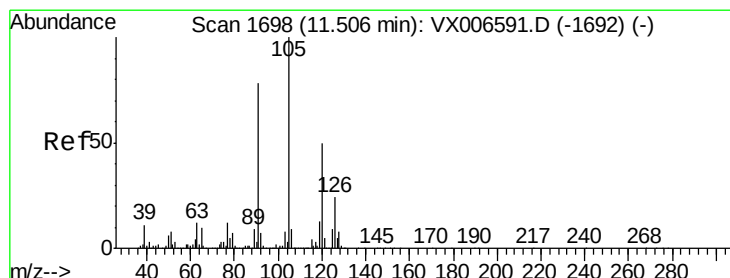
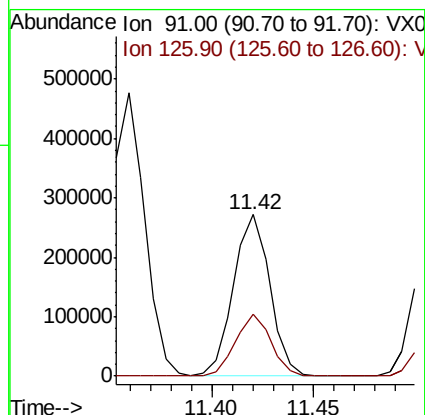
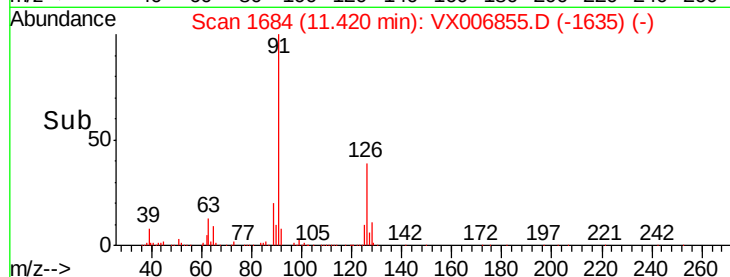
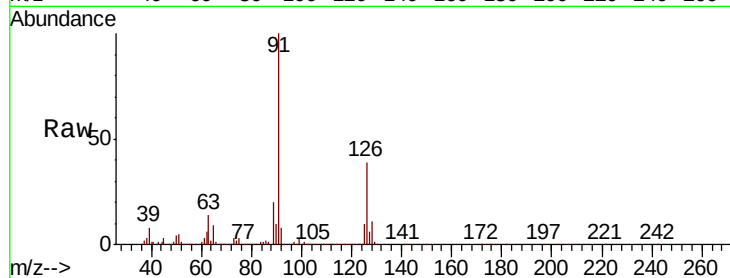
126 37.7 18.6 56.0

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#80

1,3,5-Trimethylbenzene

Concen: 19.133 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006855.D

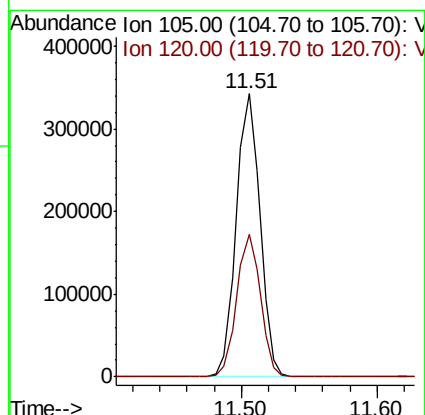
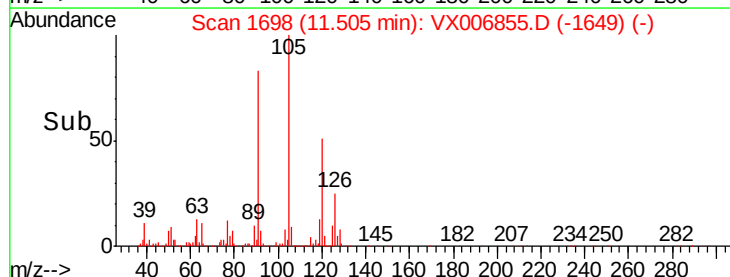
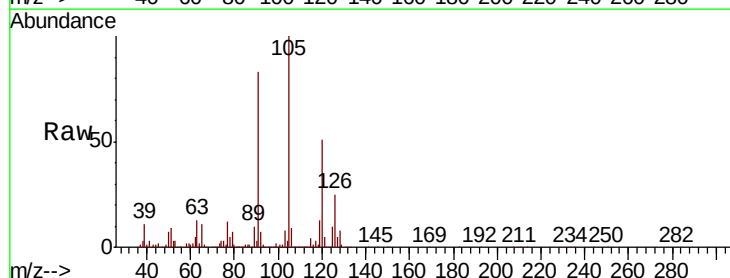
Acq: 28 Dec 2018 12:34

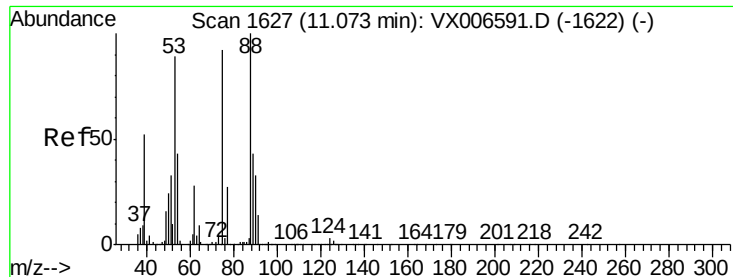
Tgt Ion: 105 Resp: 415912

Ion Ratio Lower Upper

105 100

120 50.7 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 18.227 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX1228WBSD01

Tot Ion: 75 Resp: 36018

Ion Ratio Lower Upper

75 100

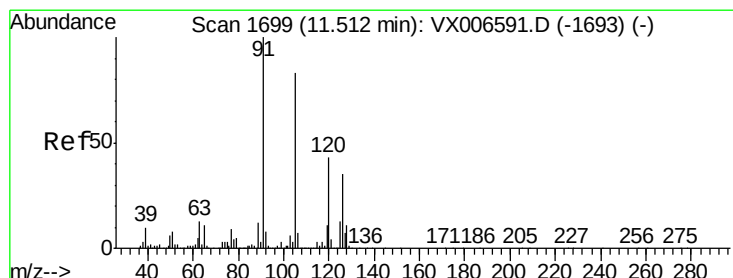
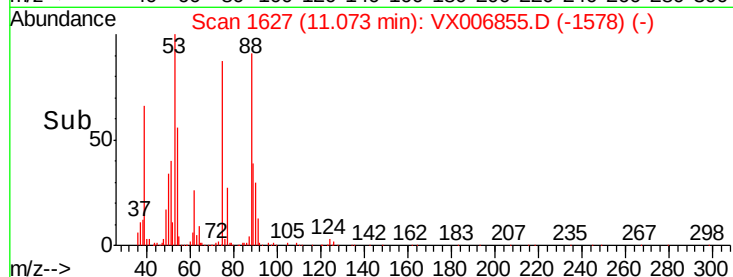
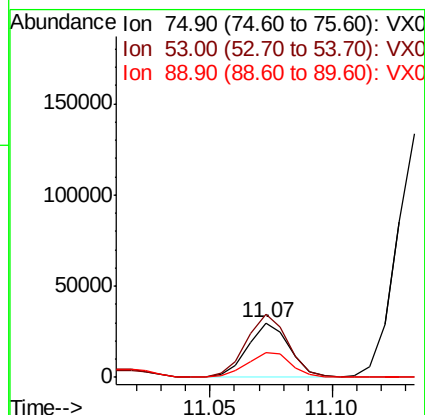
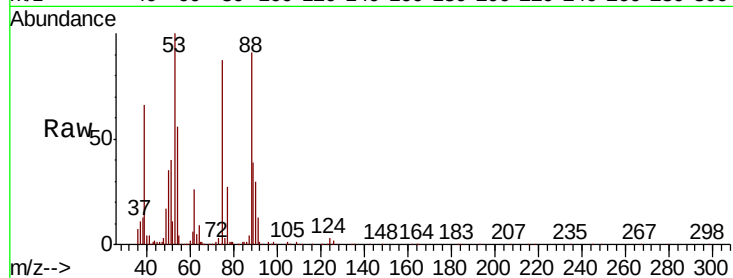
53 114.2 79.7 119.5

89 46.7 38.0 57.0

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#82

4-Chlorotoluene

Concen: 19.182 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX006855.D

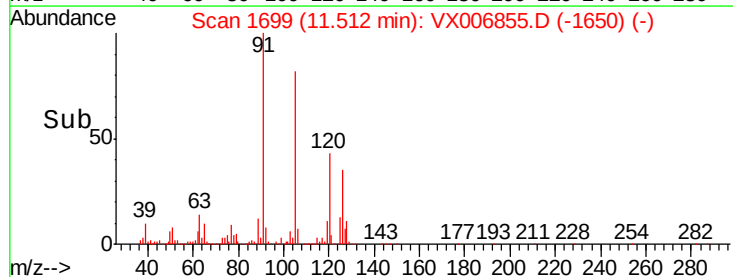
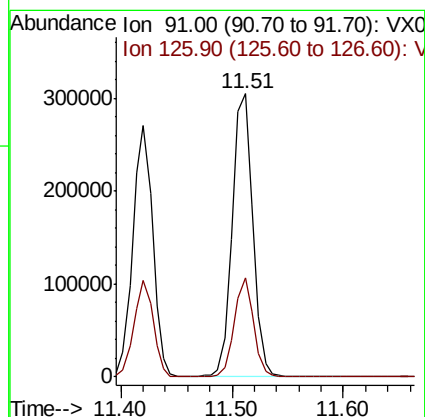
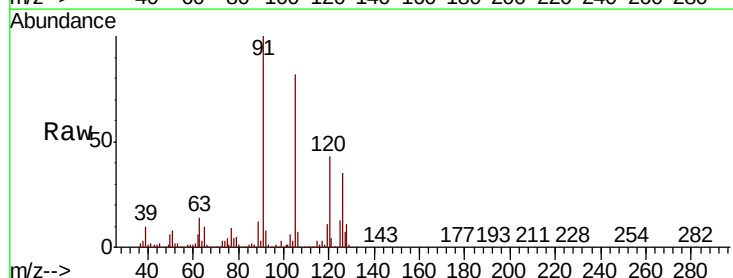
Acq: 28 Dec 2018 12:34

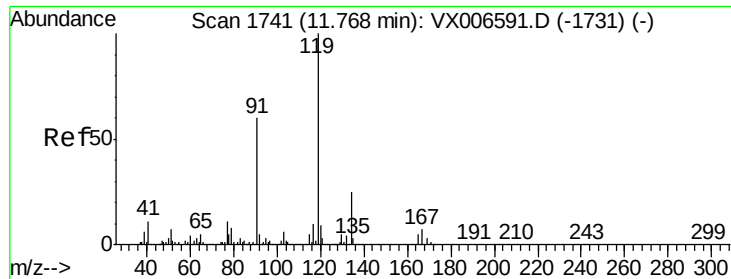
Tgt Ion: 91 Resp: 387527

Ion Ratio Lower Upper

91 100

126 33.0 16.3 48.9





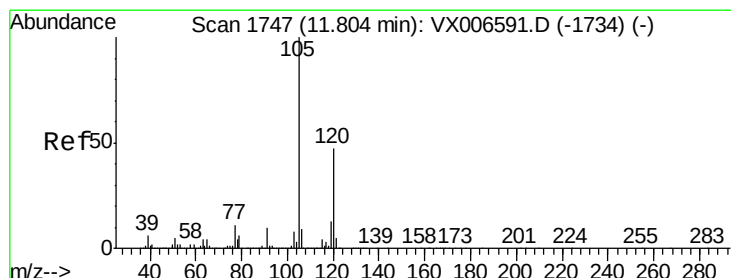
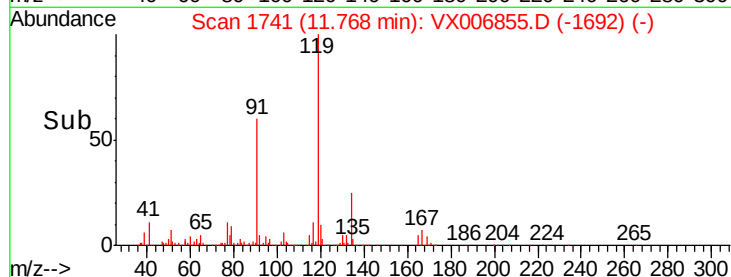
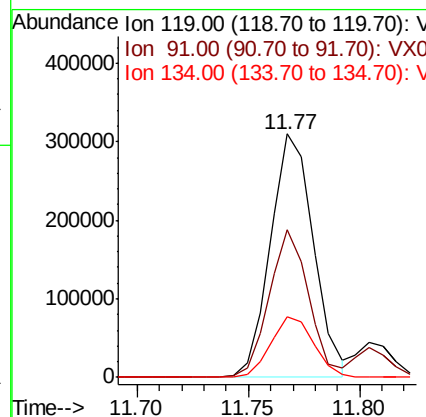
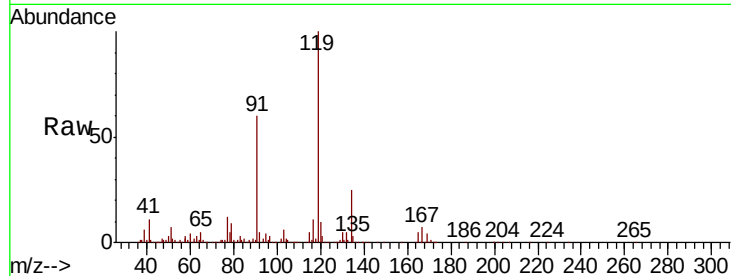
#83
 tert-Butylbenzene
 Concen: 19.097 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX006855.D
 Acq: 28 Dec 2018 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1228WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.8	27.7	83.1
134	25.0	11.9	35.5

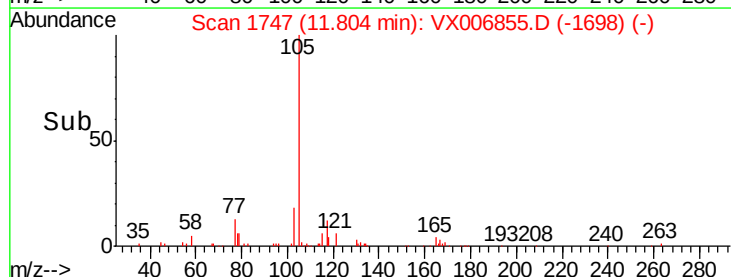
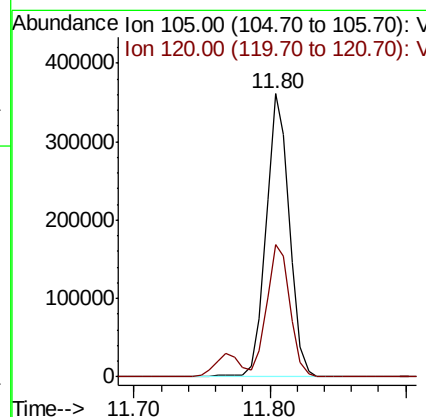
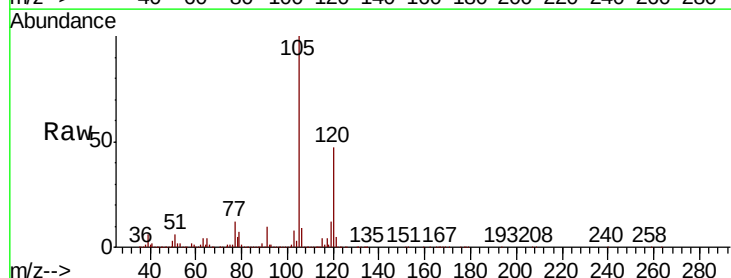
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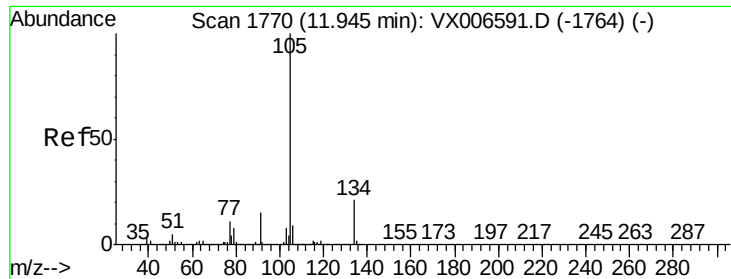
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.963 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX006855.D
 Acq: 28 Dec 2018 12:34

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.2	69.6





#85

sec-Butylbenzene

Concen: 18.451 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX1228WBSD01

Tot Ion:105 Resp: 492159

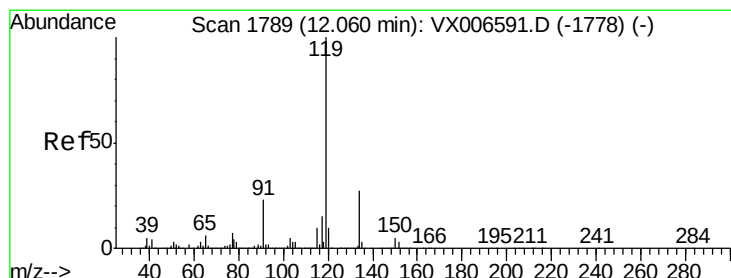
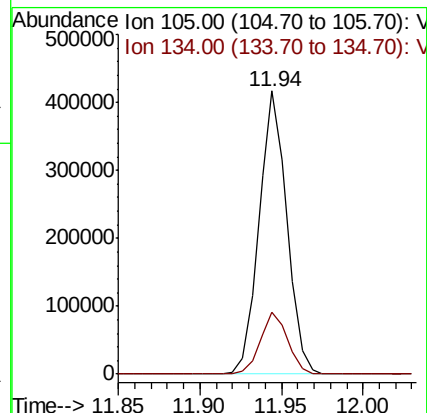
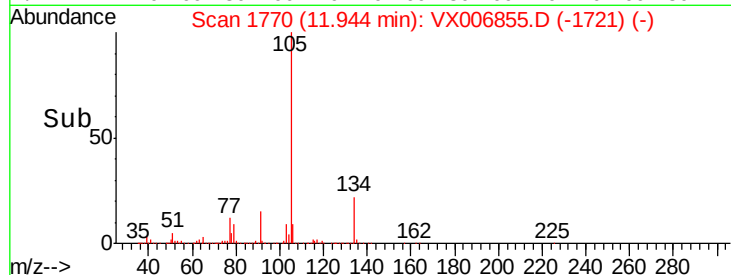
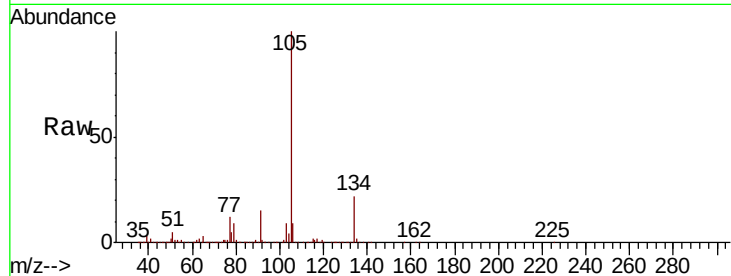
Ion Ratio Lower Upper

105 100

134 21.6 10.7 31.9

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#86

p-Isopropyltoluene

Concen: 18.840 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

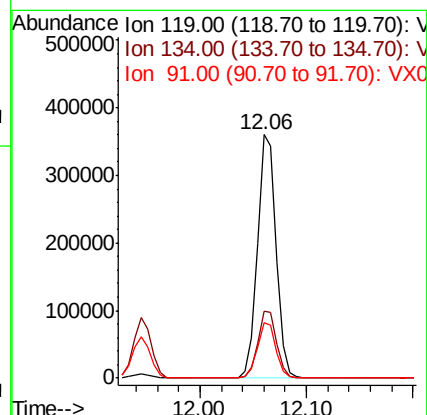
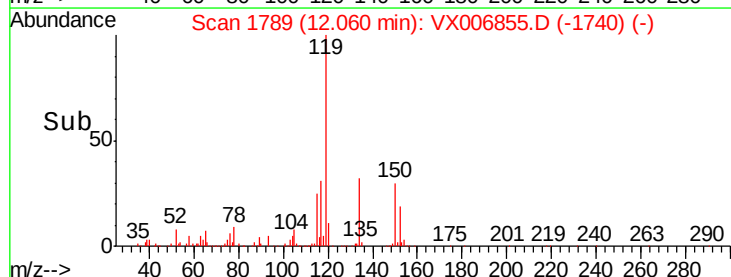
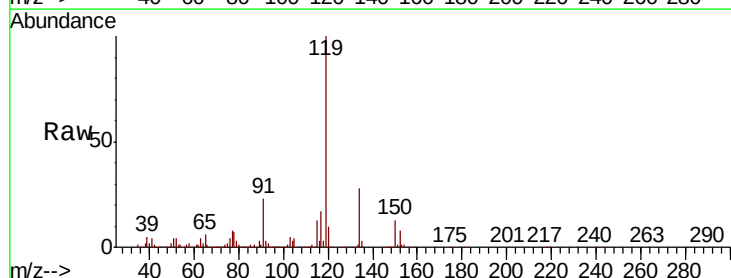
Tgt Ion:119 Resp: 441748

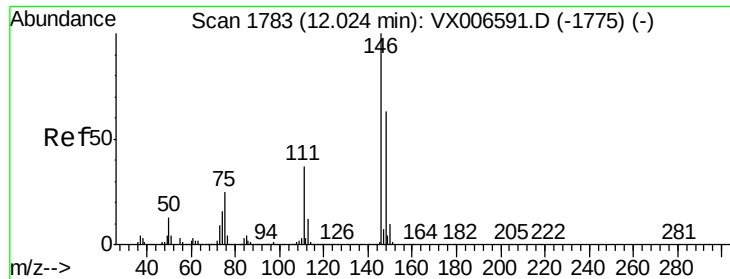
Ion Ratio Lower Upper

119 100

134 27.8 14.0 41.9

91 22.9 11.3 33.9





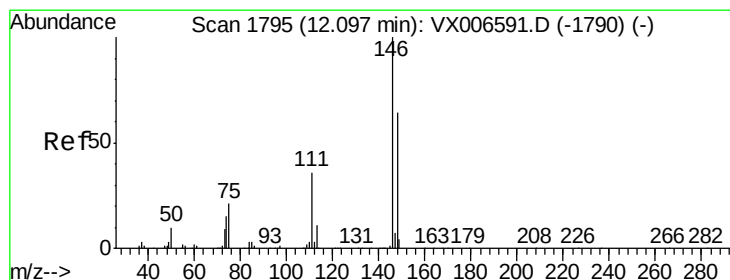
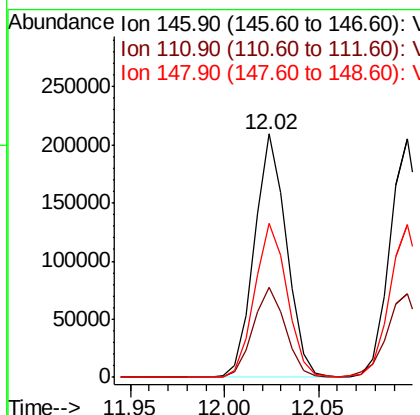
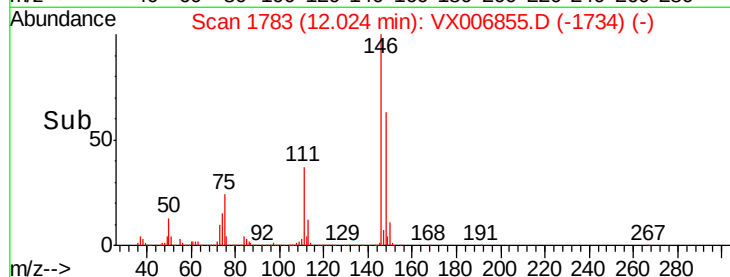
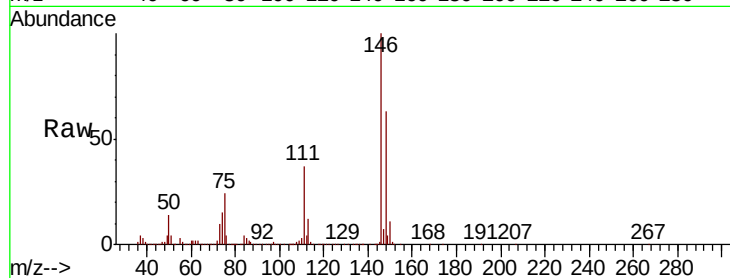
#87
 1,3-Dichlorobenzene
 Concen: 19.295 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006855.D
 Acq: 28 Dec 2018 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1228WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.6	55.8
148	63.9	31.8	95.3

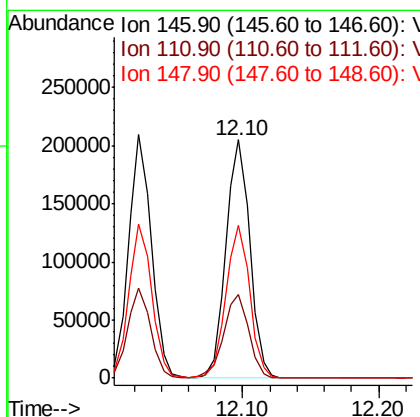
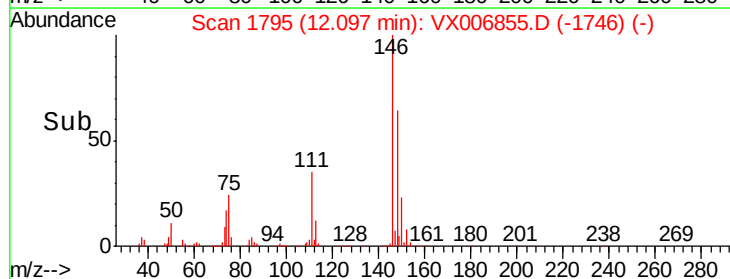
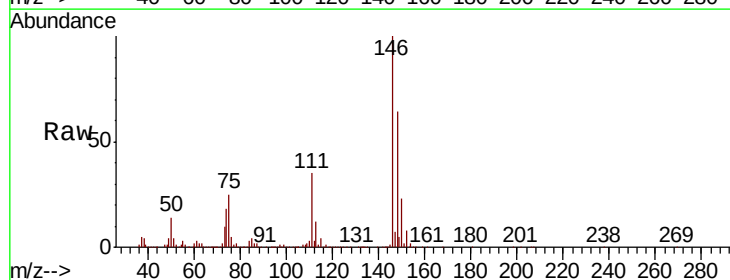
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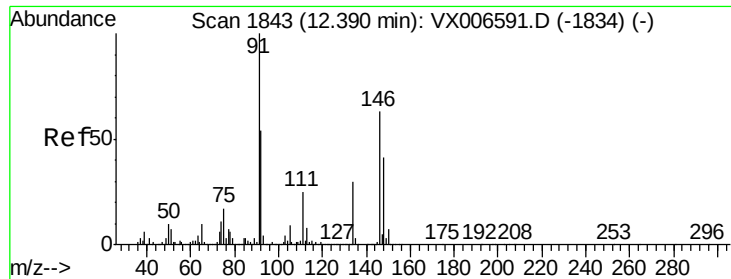
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#88
 1,4-Dichlorobenzene
 Concen: 18.905 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006855.D
 Acq: 28 Dec 2018 12:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.1	54.1
148	63.9	31.9	95.9





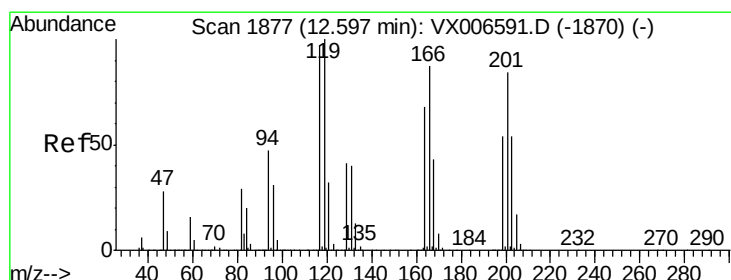
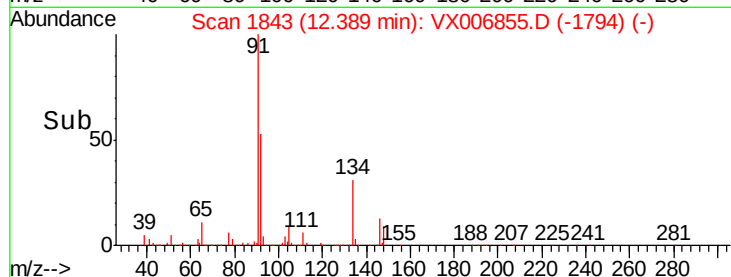
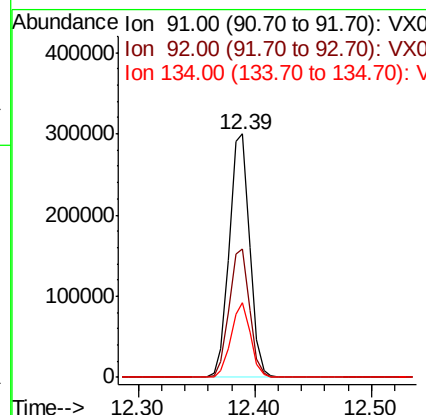
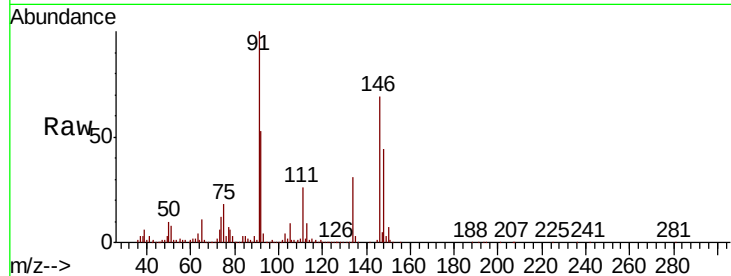
#89
n-Butylbenzene
Concen: 18.222 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX1228WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	363631		
92	52.6	26.8	80.4	
134	29.3	14.4	43.2	

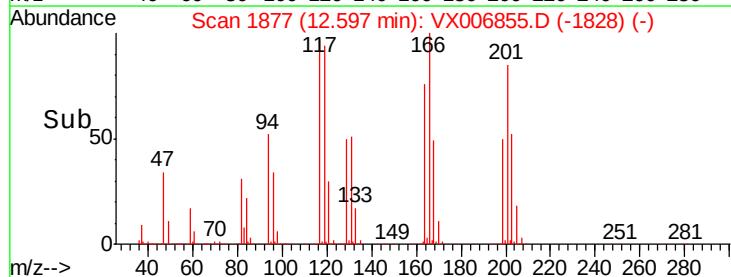
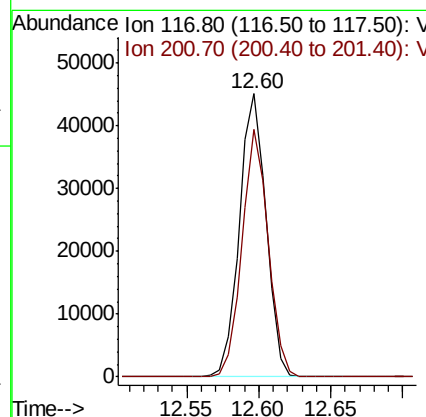
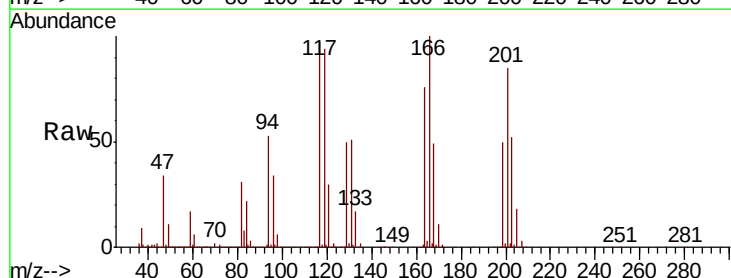
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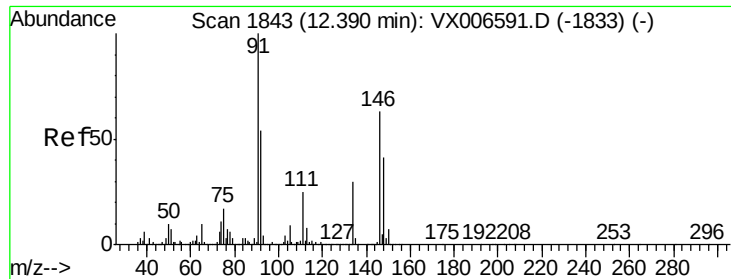
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#90
Hexachloroethane
Concen: 18.132 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006855.D
Acq: 28 Dec 2018 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	58292		
201	85.2	42.9	128.7	





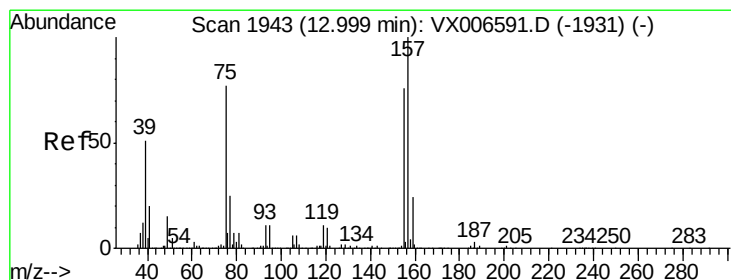
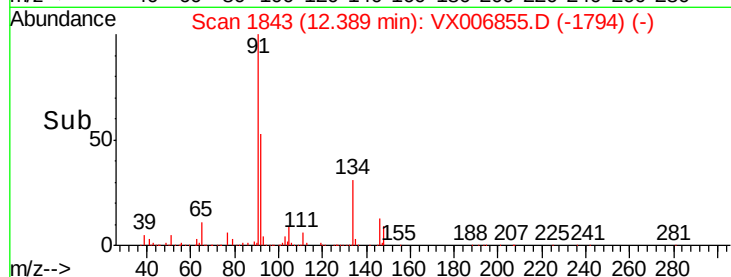
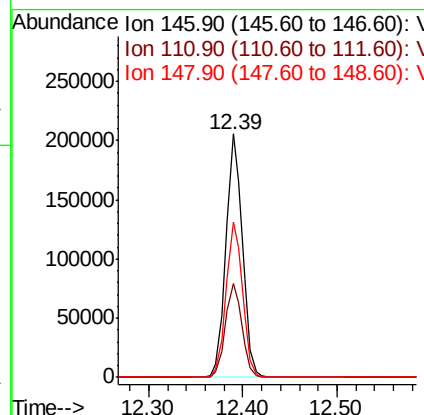
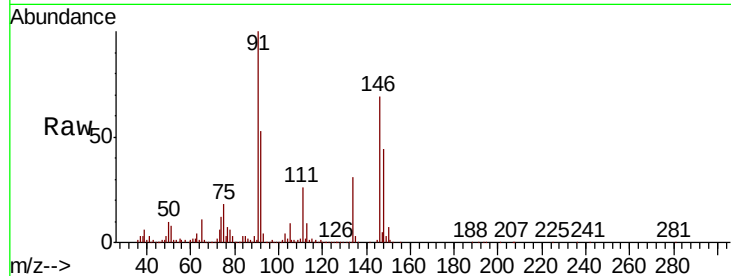
#91
 1,2-Dichlorobenzene
 Concen: 19.373 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006855.D
 Acq: 28 Dec 2018 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1228WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.4	58.2
148	64.0	32.3	96.9

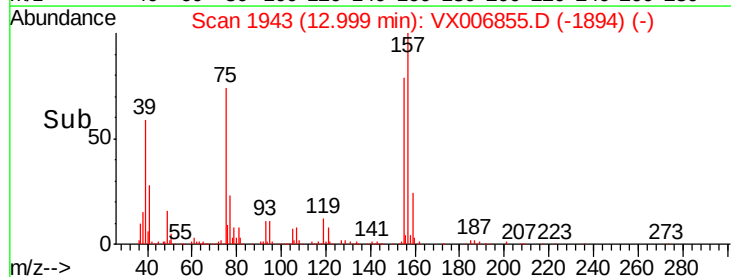
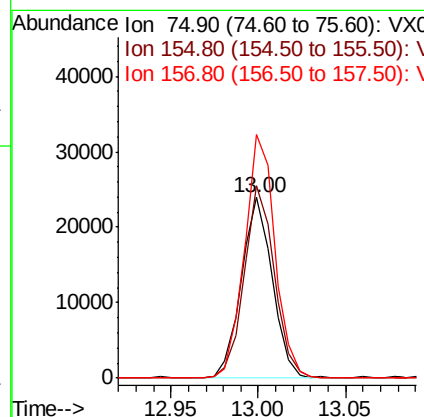
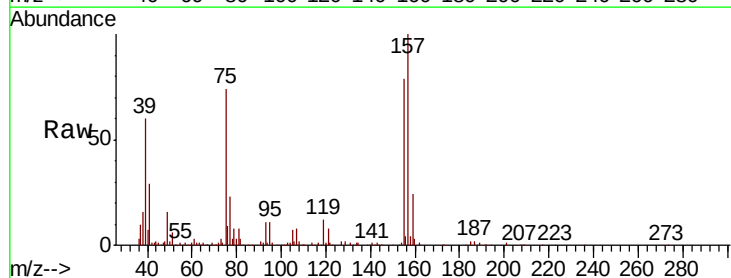
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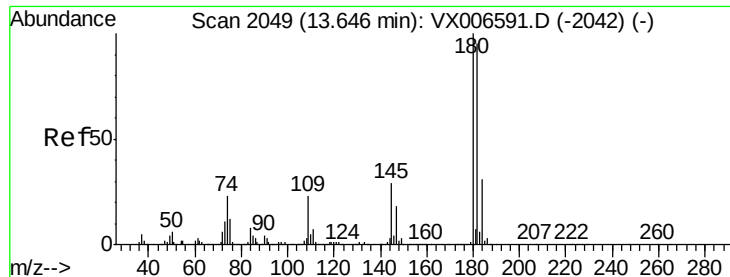
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.193 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX006855.D
 Acq: 28 Dec 2018 12:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	103.3	50.6	151.8
157	132.3	64.6	193.8





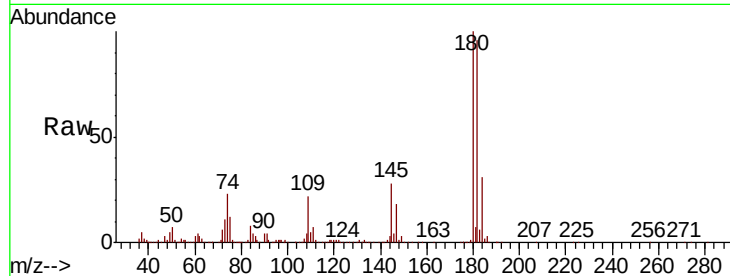
#93
 1,2,4-Trichlorobenzene
 Concen: 18.191 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006855.D
 Acq: 28 Dec 2018 12:34

Instrument :
 MSVOA_X
 ClientSampled :
 VX1228WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	161414		
182	95.5	47.3	142.0	
145	28.8	14.8	44.3	

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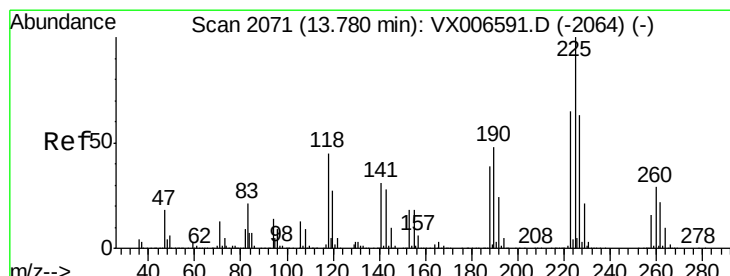
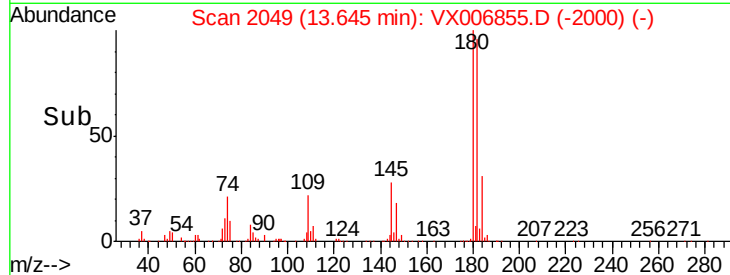
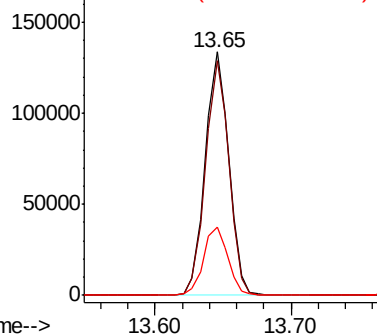


Abundance

Ion 179.80 (179.50 to 180.50): V

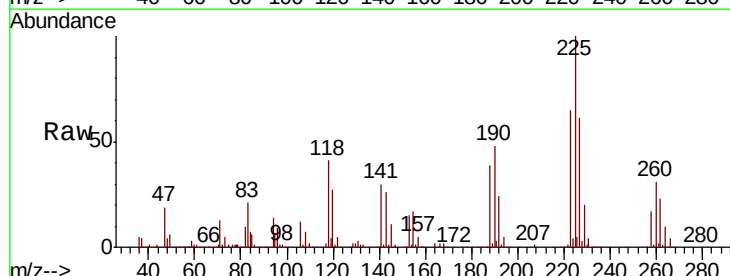
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 17.207 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX006855.D
 Acq: 28 Dec 2018 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	71967		
223	64.2	32.1	96.3	
227	63.7	32.3	96.8	

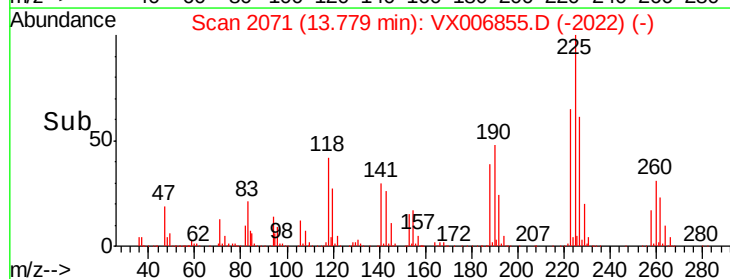
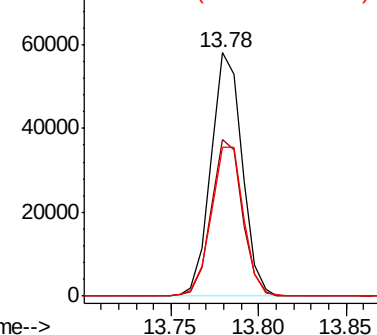


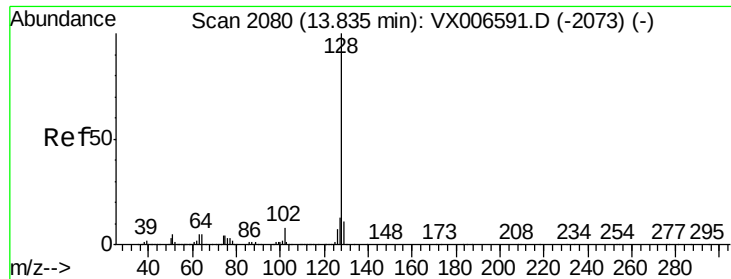
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 17.763 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Instrument :

MSVOA_X

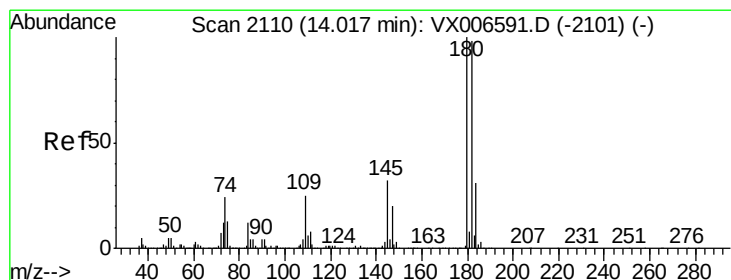
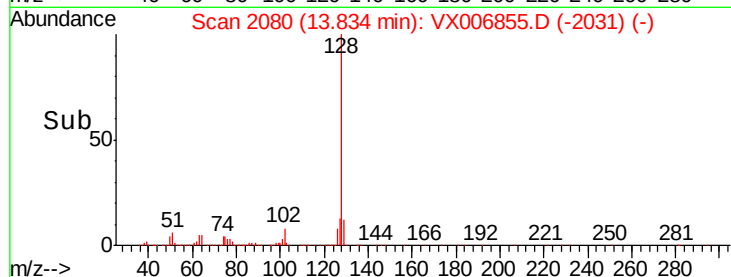
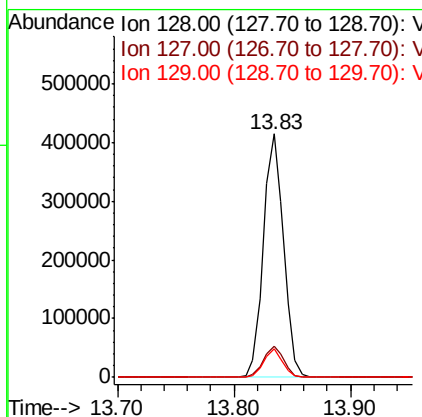
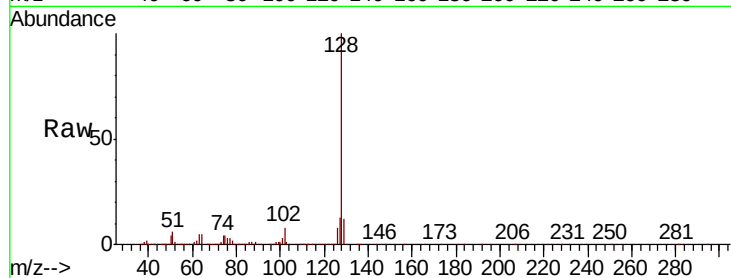
ClientSampleId :

VX1228WBSD01

Tot Ion:	128	Resp:	503073
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.1	15.1
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
1/2/2019 10:45:08 AM



#96

1,2,3-Trichlorobenzene

Concen: 17.756 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX006855.D

Acq: 28 Dec 2018 12:34

Tgt Ion:	180	Resp:	162673
Ion Ratio	Lower	Upper	
180	100		
182	95.1	48.5	145.5
145	30.0	16.0	47.9

