

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021119\
 Data File : VX007473.D
 Acq On : 11 Feb 2019 17:32
 Operator : JC/SP
 Sample : K1433-05MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW020-190207MS

Manual Integrations
 APPROVED

MMDadoda
 2/12/2019 12:15:52 PM

Quant Time: Feb 12 02:01:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	519097	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	763572	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	713731	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	363181	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	264946	48.09	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.18%	
35) Dibromofluoromethane	5.51	113	240667	48.44	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.88%	
50) Toluene-d8	8.71	98	892125	48.40	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.80%	
62) 4-Bromofluorobenzene	11.13	95	335477	49.85	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	278504	43.683	ug/l	97
3) Chloromethane	1.33	50	240550	41.142	ug/l	99
4) Vinyl Chloride	1.41	62	265242	46.242	ug/l	96
5) Bromomethane	1.64	94	177213	31.060	ug/l	96
6) Chloroethane	1.72	64	192497	51.878	ug/l	98
7) Trichlorofluoromethane	1.93	101	417768	46.558	ug/l	98
8) Diethyl Ether	2.19	74	157214	46.550	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	241340	45.216	ug/l	98
10) Methyl Iodide	2.51	142	271164	34.536	ug/l	98
11) Tert butyl alcohol	3.07	59	351505	308.269	ug/l	99
12) 1,1-Dichloroethene	2.37	96	223681	45.130	ug/l	98
13) Acrolein	2.29	56	126318	236.242	ug/l	97
14) Allyl chloride	2.73	41	387664	48.004	ug/l	100
15) Acrylonitrile	3.15	53	700361	248.288	ug/l	98
16) Acetone	2.45	43	591101	234.202	ug/l	99
17) Carbon Disulfide	2.57	76	579431	44.932	ug/l	99
18) Methyl Acetate	2.78	43	333198	50.661	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	1672942	104.187	ug/l	100
20) Methylene Chloride	2.85	84	247862	48.064	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	237239	44.934	ug/l	100
22) Diisopropyl ether	3.87	45	708687	47.708	ug/l	97
23) Vinyl Acetate	3.82	43	2787295	226.116	ug/l	100
24) 1,1-Dichloroethane	3.70	63	396143	46.437	ug/l	100
25) 2-Butanone	4.70	43	874300	243.415	ug/l	98
26) 2,2-Dichloropropane	4.59	77	276605	42.577	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	262911	45.591	ug/l	98
28) Bromochloromethane	5.02	49	184099	46.928	ug/l	98
29) Tetrahydrofuran	5.15	42	577939	255.839	ug/l	99
30) Chloroform	5.21	83	431481	48.472	ug/l	98
31) Cyclohexane	5.57	56	597234	77.950	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	362369	48.226	ug/l	99
36) 1,1-Dichloropropene	5.80	75	299846	43.766	ug/l	99
37) Ethyl Acetate	4.85	43	307863	44.453	ug/l	99
38) Carbon Tetrachloride	5.78	117	321576	48.382	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	932357	112.480	ug/l	97
40) Benzene	6.14	78	969056	48.018	ug/l	100
41) Methacrylonitrile	5.06	41	190917	51.436	ug/l	98
42) 1,2-Dichloroethane	6.20	62	318696	45.642	ug/l	94
43) Isopropyl Acetate	6.46	43	552398	51.675	ug/l	99
44) Trichloroethene	7.21	130	268490	44.173	ug/l	100
45) 1,2-Dichloropropane	7.51	63	237685	47.006	ug/l	97
46) Dibromomethane	7.66	93	168340	45.806	ug/l	93
47) Bromodichloromethane	7.90	83	304916	48.956	ug/l	97
48) Methyl methacrylate	7.77	41	265927	49.734	ug/l	100
49) 1,4-Dioxane	7.75	88	106497	876.654	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1794532	255.010	ug/l	100
52) Toluene	8.79	92	619373	47.568	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	343146	51.291	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	371061	50.435	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	248620	45.807	ug/l	98
56) Ethyl methacrylate	9.18	69	420233	55.902	ug/l	92
57) 1,3-Dichloropropane	9.37	76	409367	47.427	ug/l	100
59) 2-Hexanone	9.49	43	1318280	240.736	ug/l	98
60) Dibromochloromethane	9.59	129	273812	53.341	ug/l	98
61) 1,2-Dibromoethane	9.67	107	277825	48.335	ug/l	99
64) Tetrachloroethene	9.34	164	250396	37.222	ug/l	97
65) Chlorobenzene	10.14	112	697793	44.802	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	260654	49.916	ug/l	99
67) Ethyl Benzene	10.25	91	1365602	54.446	ug/l	100
68) m/p-Xylenes	10.36	106	1001986	100.497	ug/l	100
69) o-Xylene	10.70	106	460413	47.990	ug/l	99
70) Styrene	10.71	104	733968	47.173	ug/l	99
71) Bromoform	10.86	173	209583	46.103	ug/l	99
73) Isopropylbenzene	11.02	105	5692663	230.658	ug/l	98
74) N-amyl acetate	10.90	43	454098	47.570	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	375362	49.905	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	346292m	49.020	ug/l	
77) Bromobenzene	11.26	156	318692	45.830	ug/l	98
78) n-propylbenzene	11.36	91	4681630	172.988	ug/l	100
79) 2-Chlorotoluene	11.42	91	785958	47.862	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1038991	51.457	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	102347	45.222	ug/l	98
82) 4-Chlorotoluene	11.51	91	917117	48.266	ug/l	99
83) tert-Butylbenzene	11.77	119	1111866	55.619	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1147159	55.962	ug/l	100
85) sec-Butylbenzene	11.94	105	1535177	63.450	ug/l	91
86) p-Isopropyltoluene	12.06	119	1097066	50.230	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	566931	45.428	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	570811	45.084	ug/l	100
89) n-Butylbenzene	12.39	91	1102736	58.693	ug/l	91
90) Hexachloroethane	12.60	117	176264m	53.924	ug/l	
91) 1,2-Dichlorobenzene	12.39	146	576488	46.418	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	87473	55.931	ug/l	94
93) 1,2,4-Trichlorobenzene	13.65	180	409672	48.912	ug/l #	93

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QLast Update : Sat Feb 02 01:32:36 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	196543	48.326	ug/l	99
95) Naphthalene	13.83	128	1527121	62.349	ug/l	98
96) 1,2,3-Trichlorobenzene	14.02	180	411935	48.860	ug/l	98

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

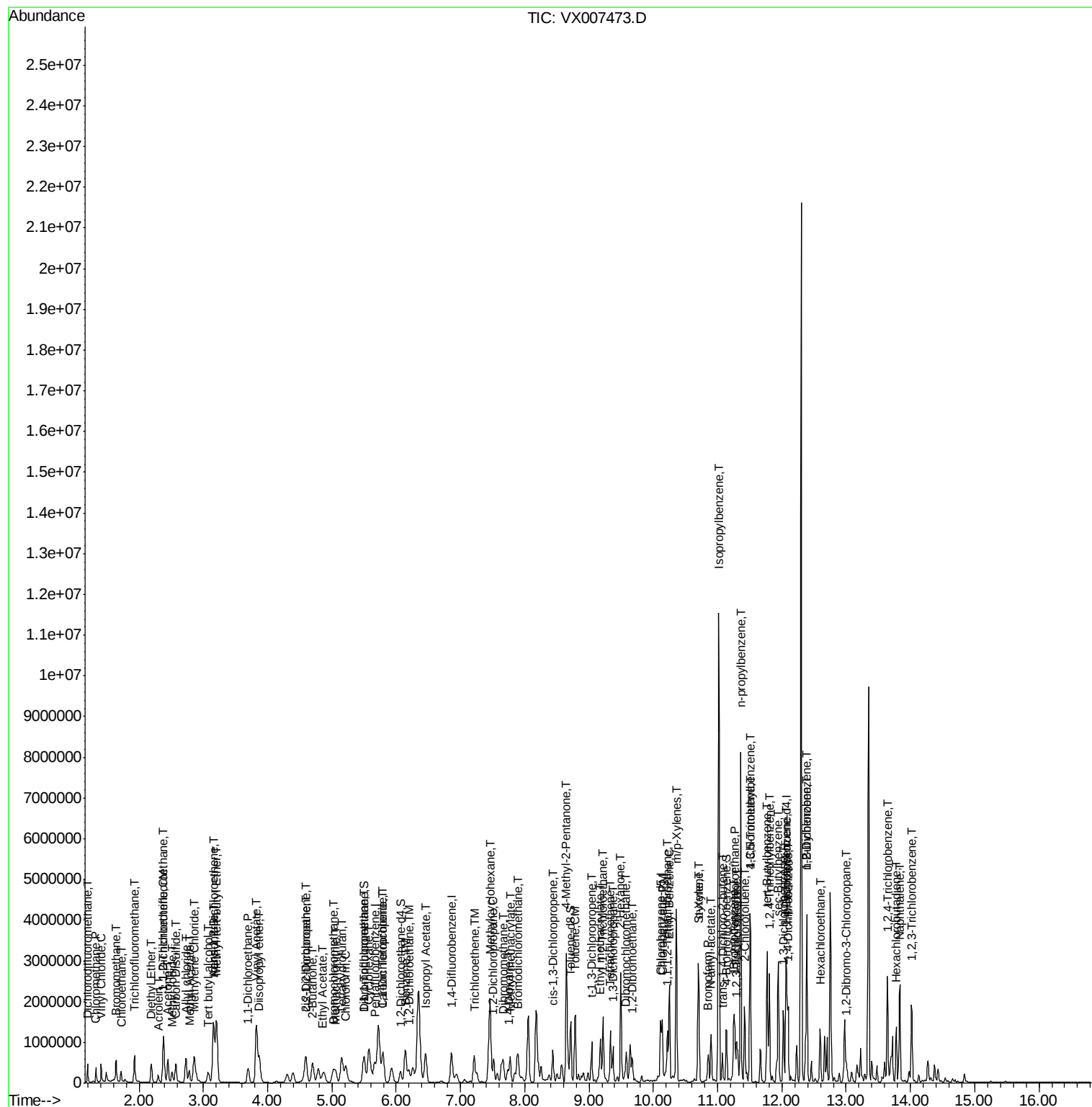
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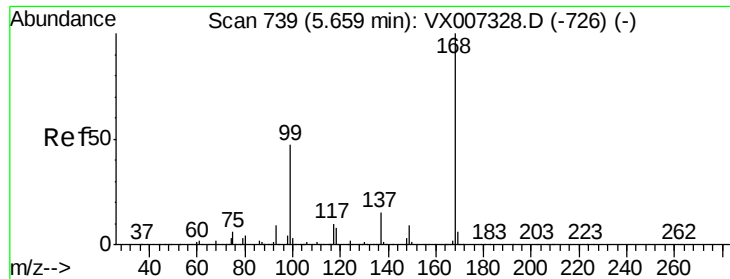
Instrument :
MSVOA_X
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007473.D

Acq: 11 Feb 2019 17:32

Instrument :

MSVOA_X

ClientSampleId :

KY001MW020-190207MS

Tot Ion:168 Resp: 519097

Ion Ratio Lower Upper

168 100

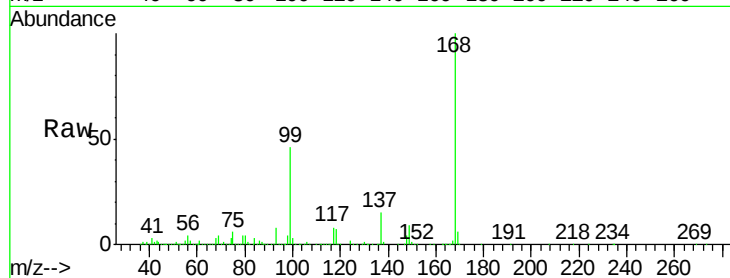
99 45.9 37.9 56.9

Manual Integrations

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2/12/2019 12:15:52 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

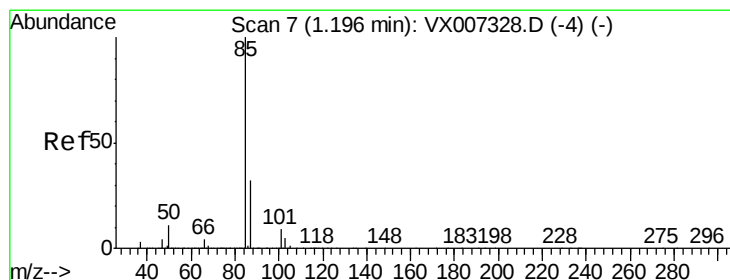
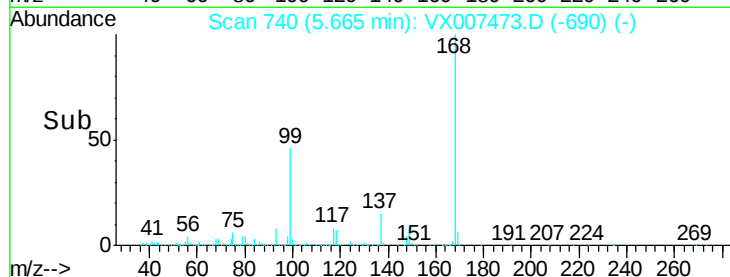
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 43.683 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007473.D

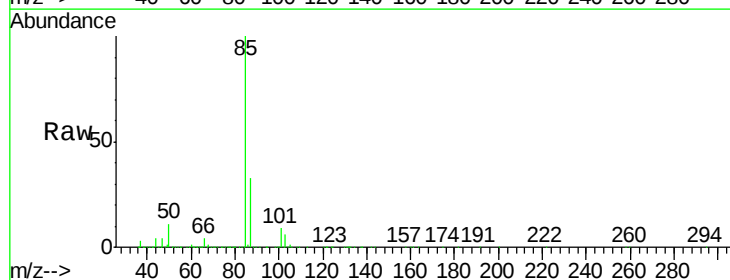
Acq: 11 Feb 2019 17:32

Tgt Ion: 85 Resp: 278504

Ion Ratio Lower Upper

85 100

87 33.1 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

300000

250000

200000

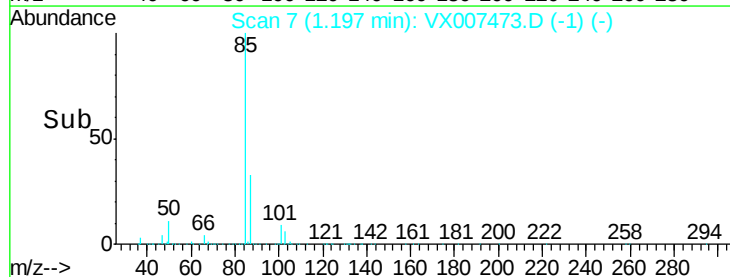
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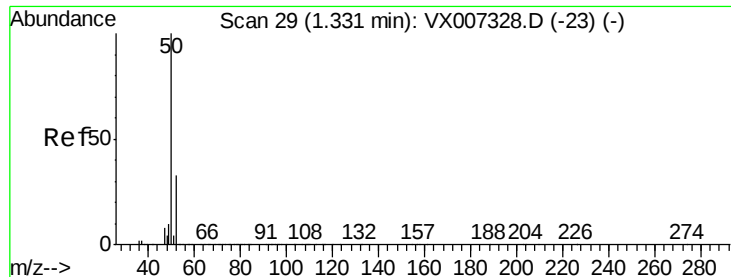
100000

50000

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Time-->





#3

Chloromethane

Concen: 41.142 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007473.D

Acq: 11 Feb 2019 17:32

Instrument :

MSVOA_X

ClientSampleId :

KY001MW020-190207MS

Tot Ion: 50 Resp: 240550

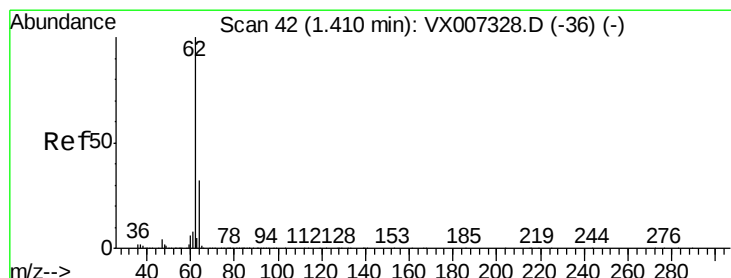
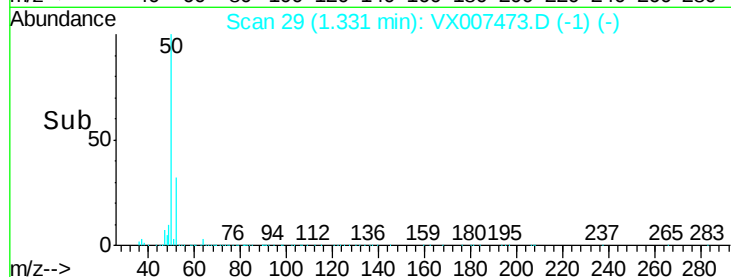
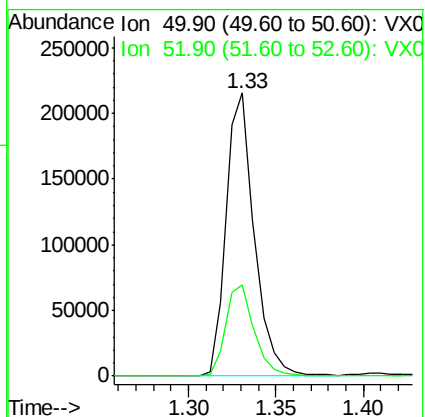
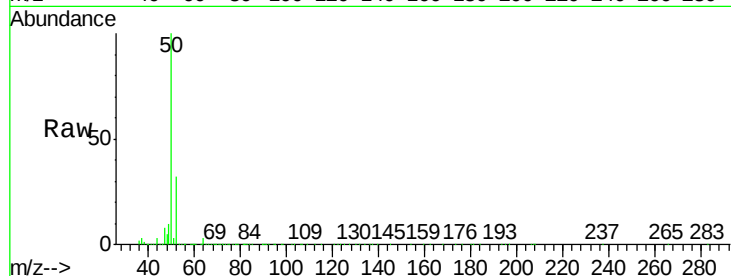
Ion Ratio Lower Upper

50 100

52 32.2 26.1 39.1

Manual Integrations
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#4

Vinyl Chloride

Concen: 46.242 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007473.D

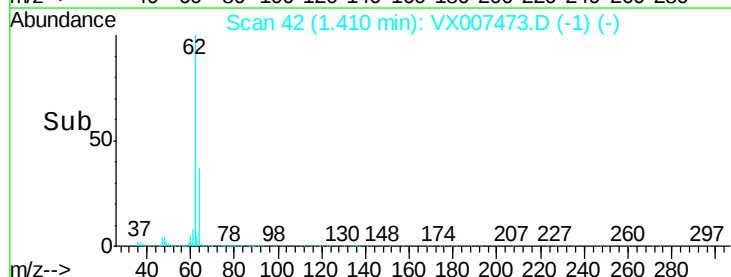
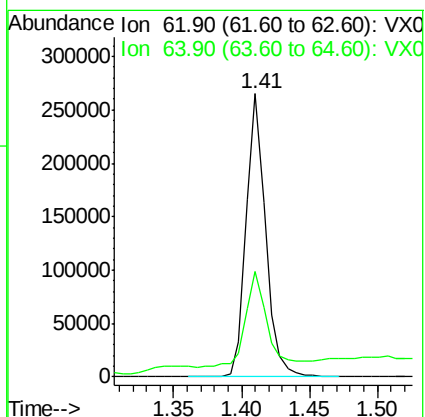
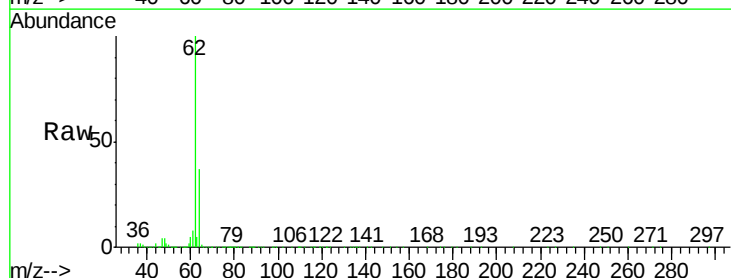
Acq: 11 Feb 2019 17:32

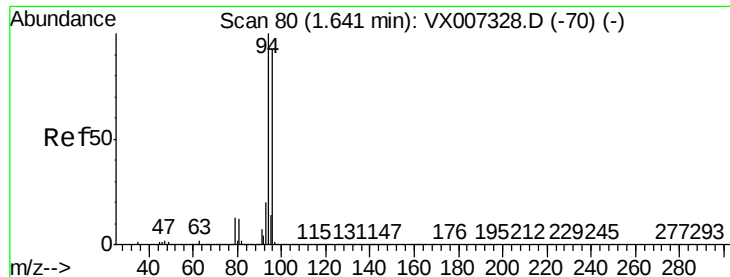
Tgt Ion: 62 Resp: 265242

Ion Ratio Lower Upper

62 100

64 33.8 25.4 38.0





#5

Bromomethane

Concen: 31.060 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007473.D

Acq: 11 Feb 2019 17:32

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 177213

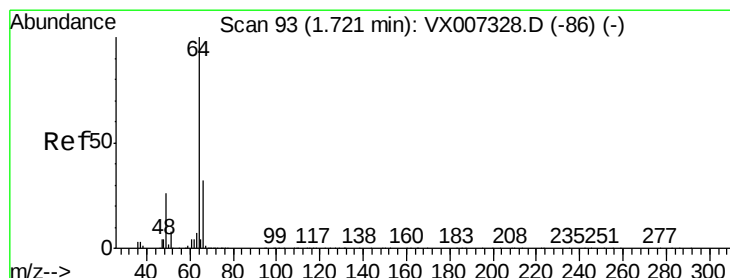
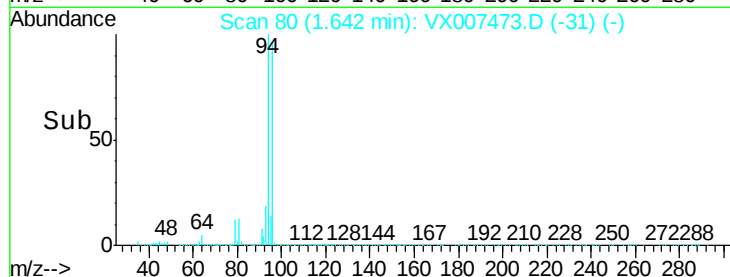
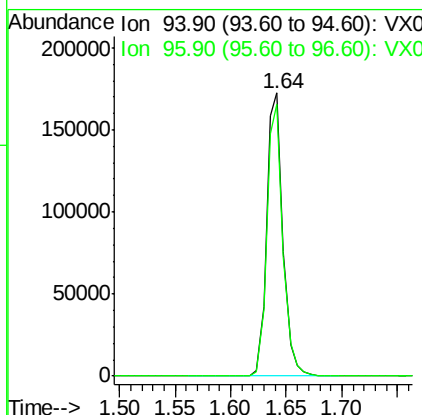
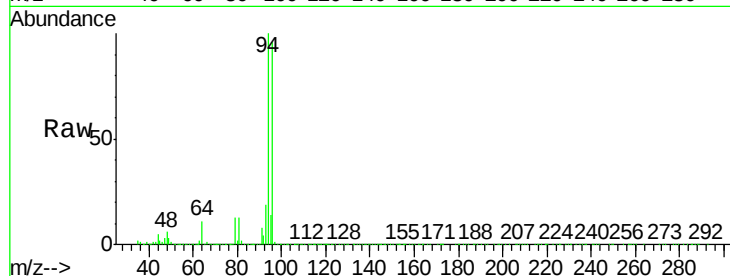
Ion Ratio Lower Upper

94 100

96 95.8 73.9 110.9

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#6

Chloroethane

Concen: 51.878 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX007473.D

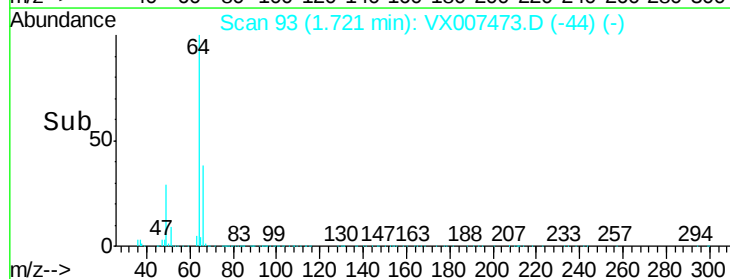
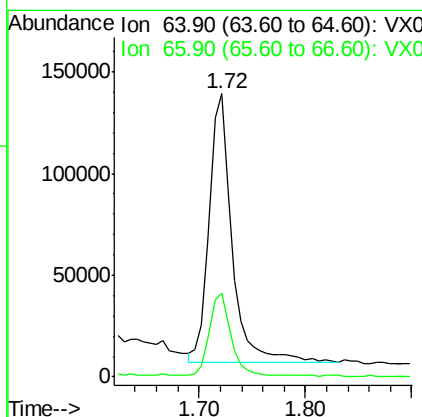
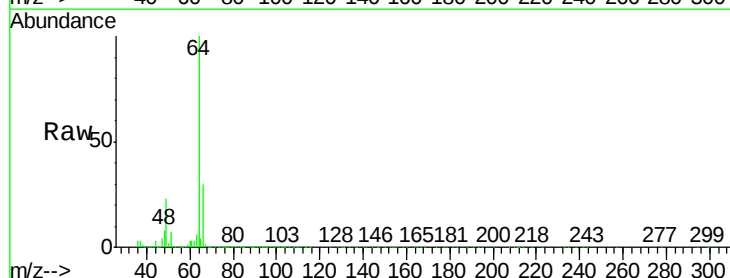
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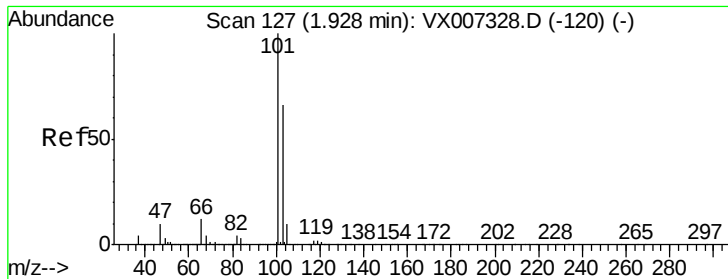
Tgt Ion: 64 Resp: 192497

Ion Ratio Lower Upper

64 100

66 30.8 25.5 38.3





#7

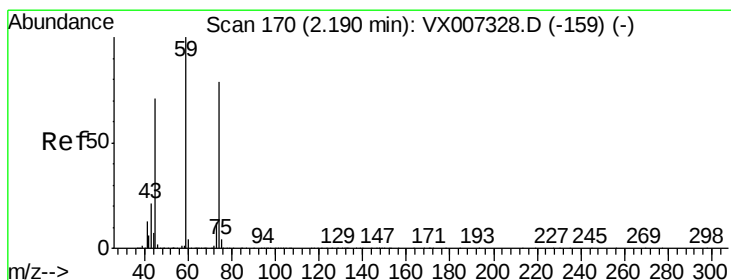
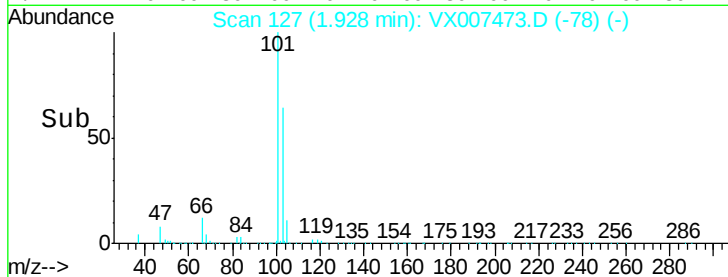
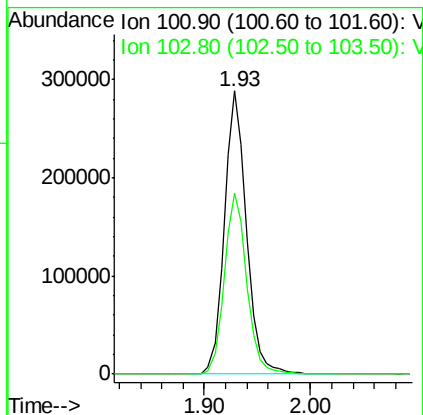
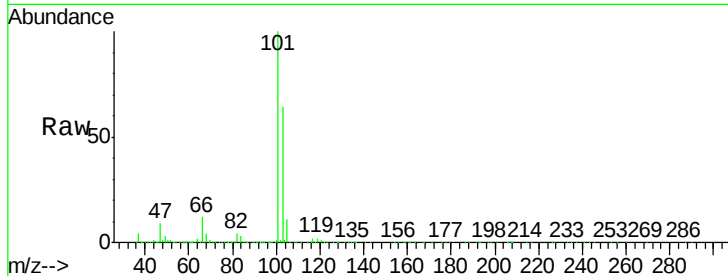
Trichlorofluoromethane
Concen: 46.558 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX007473.D
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Tot Ion	Ion	Ratio	Lower	Upper
101	100			
103	64.0	52.6	79.0	

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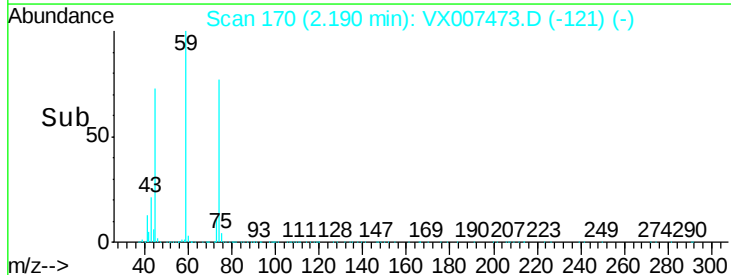
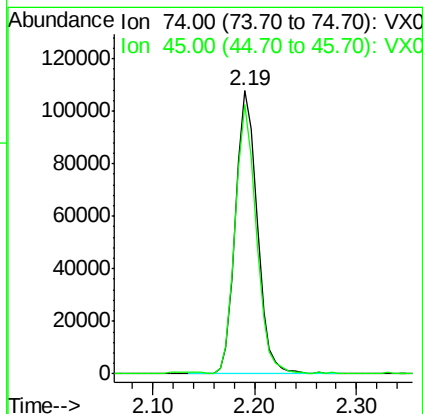
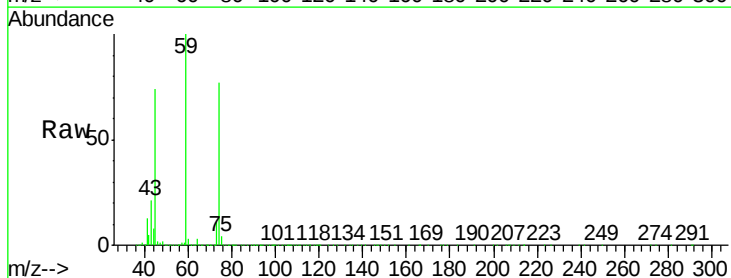
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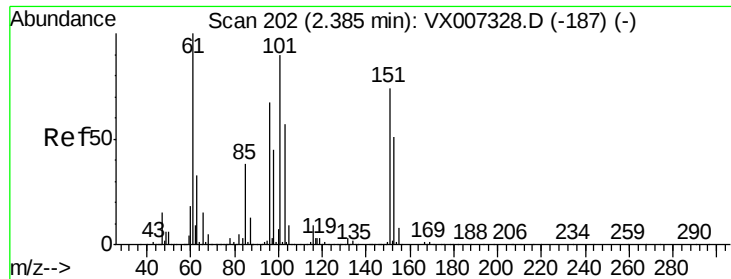


#8

Diethyl Ether
Concen: 46.550 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007473.D
Acq: 11 Feb 2019 17:32

Tgt Ion	Ion	Ratio	Lower	Upper
74	100			
45	92.1	45.7	137.1	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.216 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007473.D

Acq: 11 Feb 2019 17:32

Instrument :

MSVOA_X

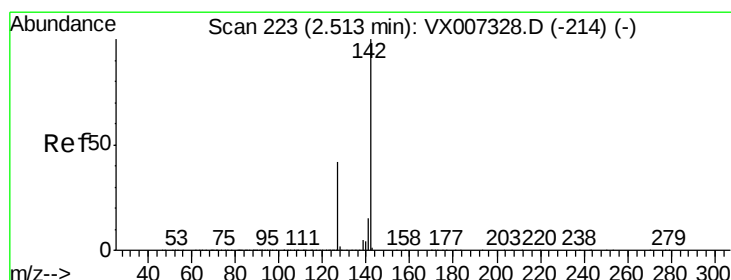
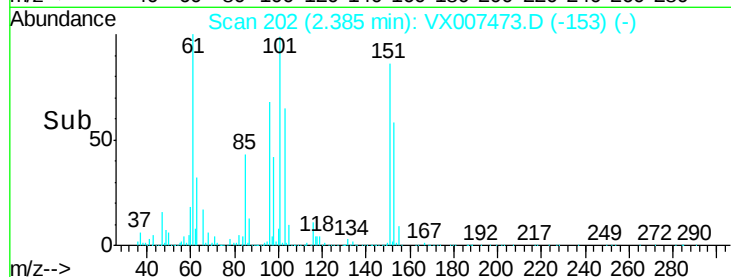
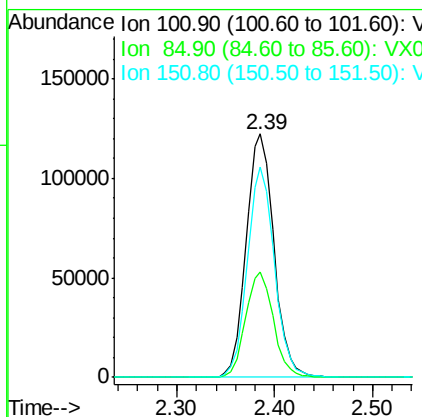
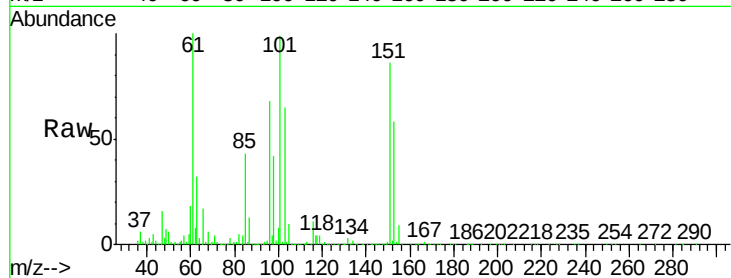
ClientSampleId :

KY001MW020-190207MS

Tot Ion:	101	Resp:	241340
Ion Ratio	Lower	Upper	
101	100		
85	43.5	34.1	51.1
151	84.6	69.9	104.9

Manual Integrations
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#10

Methyl Iodide

Concen: 34.536 ug/l

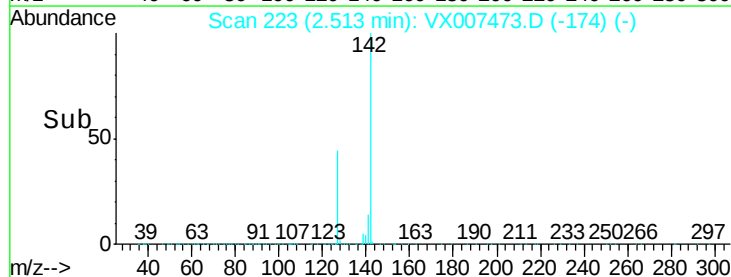
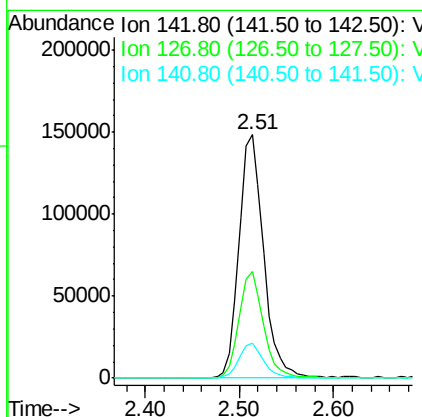
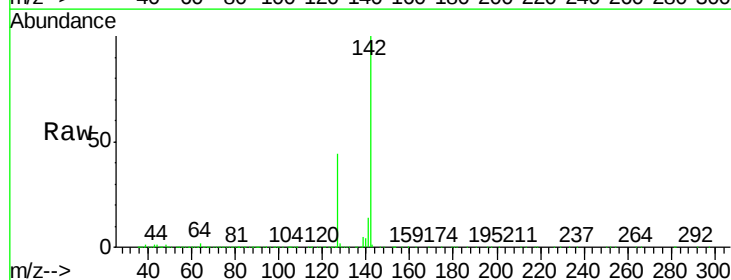
RT: 2.51 min Scan# 223

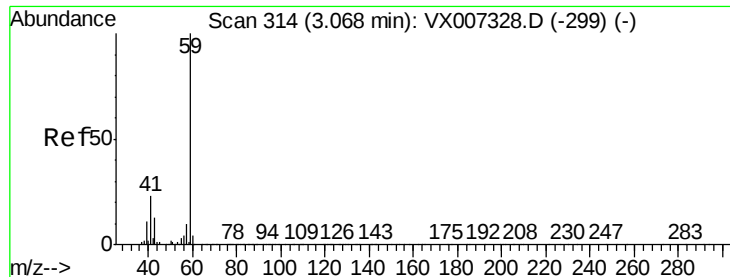
Delta R.T. 0.00 min

Lab File: VX007473.D

Acq: 11 Feb 2019 17:32

Tgt Ion:	142	Resp:	271164
Ion Ratio	Lower	Upper	
142	100		
127	43.5	33.7	50.5
141	14.4	11.3	16.9





#11

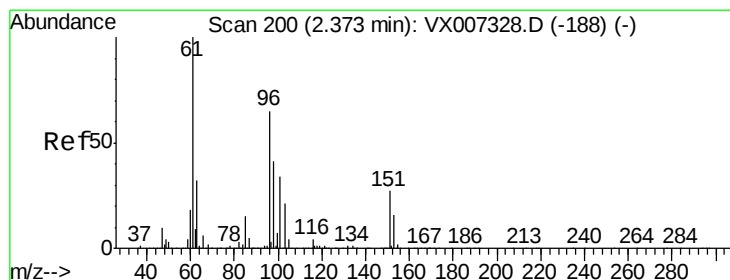
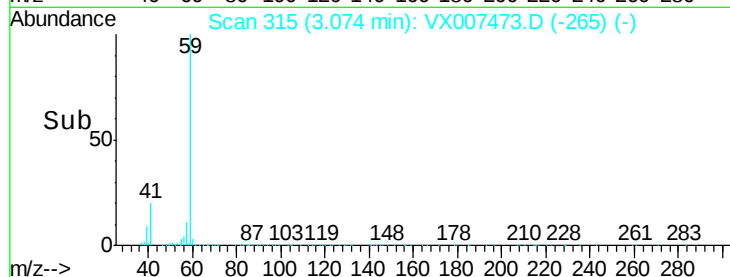
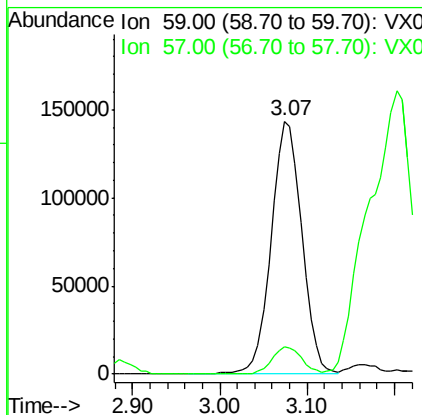
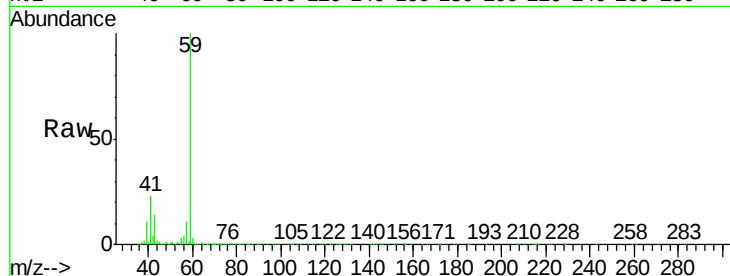
Tert butyl alcohol
Concen: 308.269 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.01 min
Lab File: VX007473.D
Acq: 11 Feb 2019 17:32

Instrument :
MSVOA_X
ClientSampleId :
KY001MW020-190207MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.1	12.1

Manual Integrations
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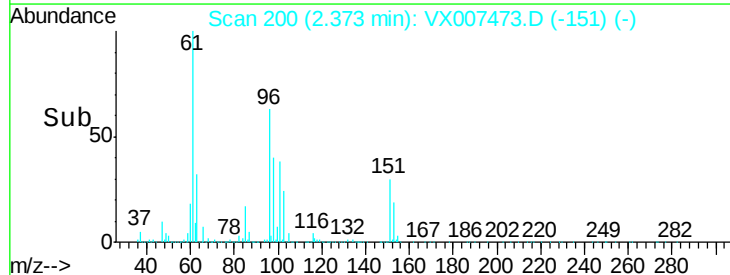
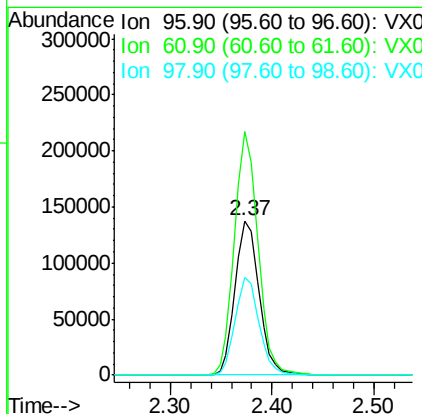
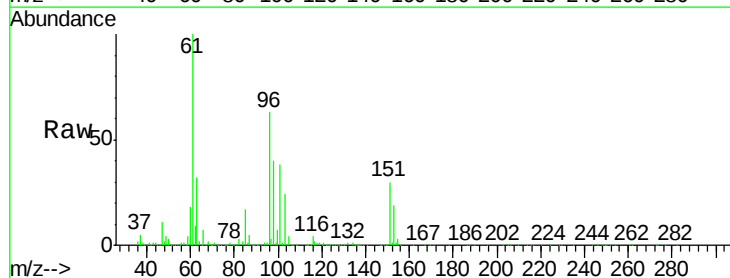
MMDadoda
2/12/2019 12:15:52 PM

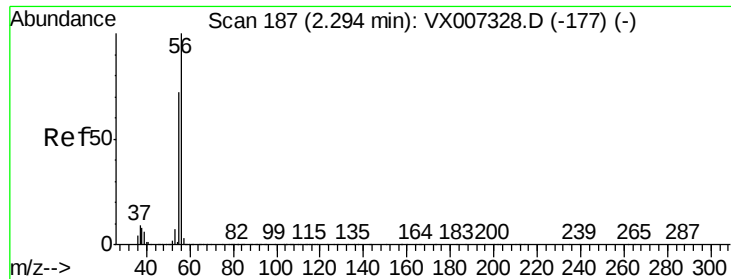


#12

1,1-Dichloroethene
Concen: 45.130 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX007473.D
Acq: 11 Feb 2019 17:32

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.7	123.0	184.4
98	63.6	50.9	76.3





#13

Acrolein

Concen: 236.242 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX007473.D

Acq: 11 Feb 2019 17:32

Instrument :

MSVOA_X

ClientSampleId :

KY001MW020-190207MS

Tot Ion: 56 Resp: 126318

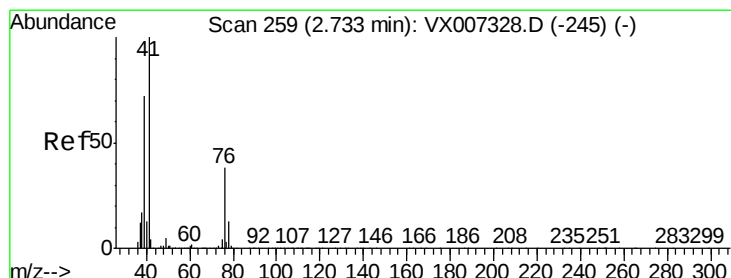
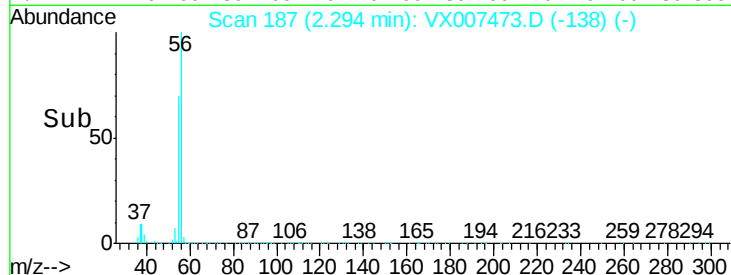
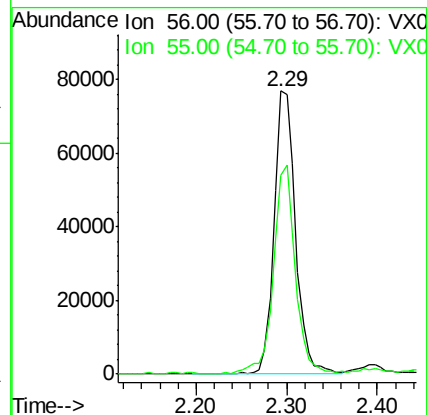
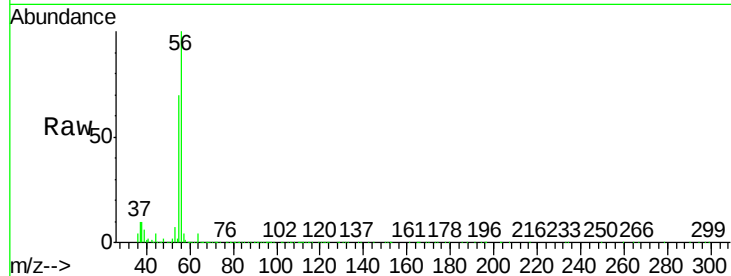
Ion Ratio Lower Upper

56 100

55 73.9 56.9 85.3

Manual Integrations
APPROVED

MMDadoda
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#14

Allyl chloride

Concen: 48.004 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007473.D

Acq: 11 Feb 2019 17:32

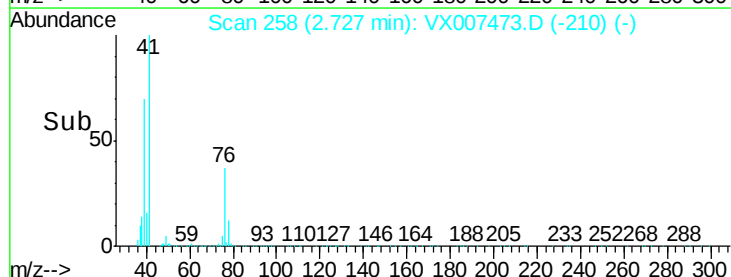
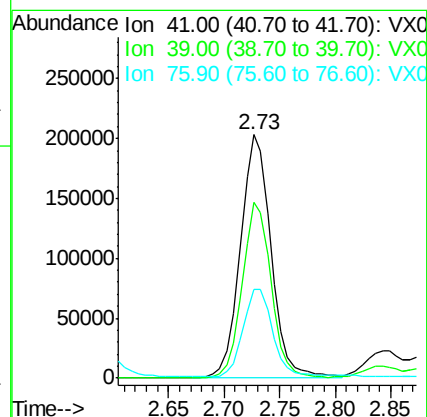
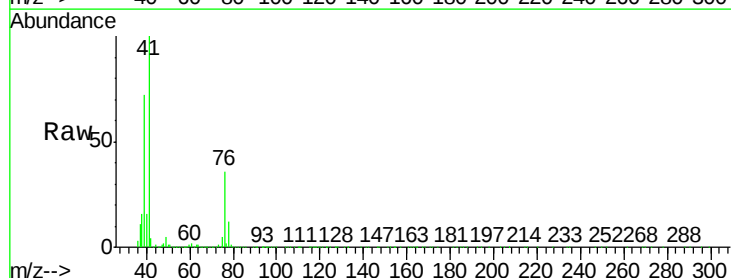
Tgt Ion: 41 Resp: 387664

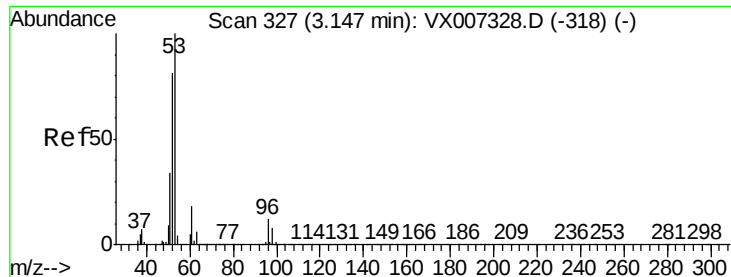
Ion Ratio Lower Upper

41 100

39 67.6 54.1 81.1

76 34.8 27.8 41.8





#15

Acrylonitrile

Concen: 248.288 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX007473.D

Acq: 11 Feb 2019 17:32

Instrument :

MSVOA_X

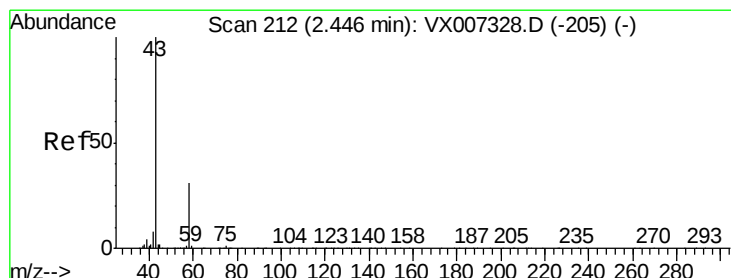
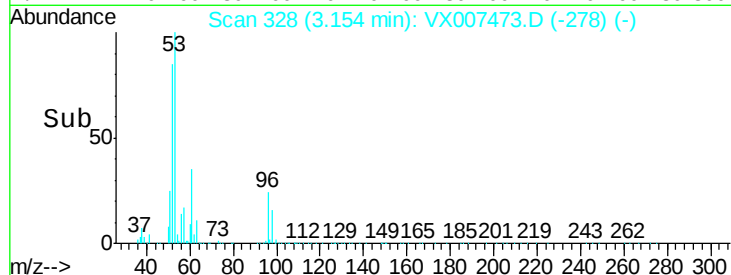
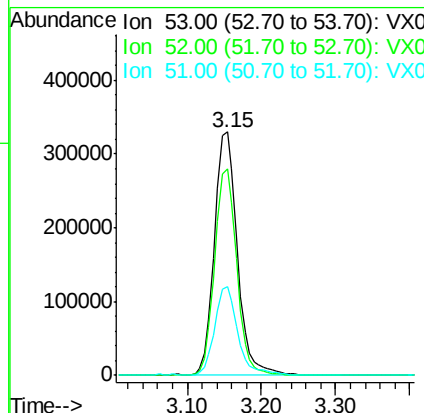
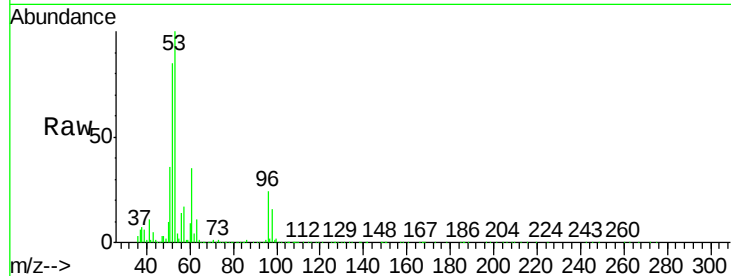
ClientSampleId :

KY001MW020-190207MS

Tot Ion:	53	Resp:	700361
Ion Ratio	Lower	Upper	
53	100		
52	81.8	66.4	99.6
51	37.1	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 234.202 ug/l

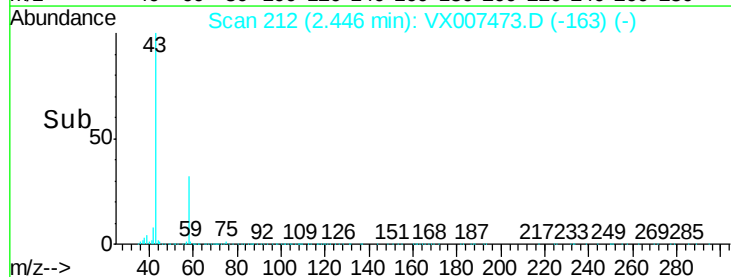
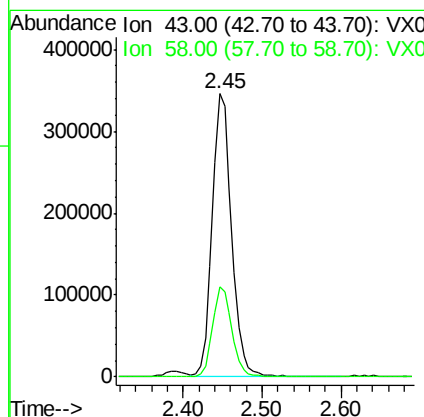
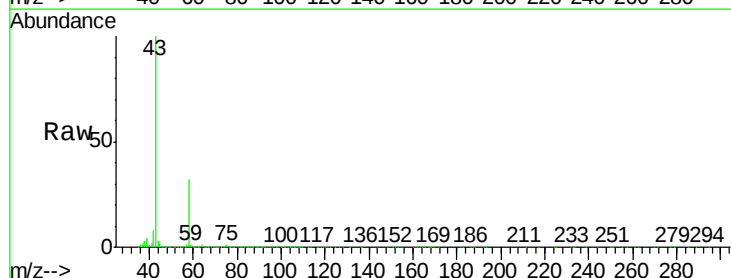
RT: 2.45 min Scan# 212

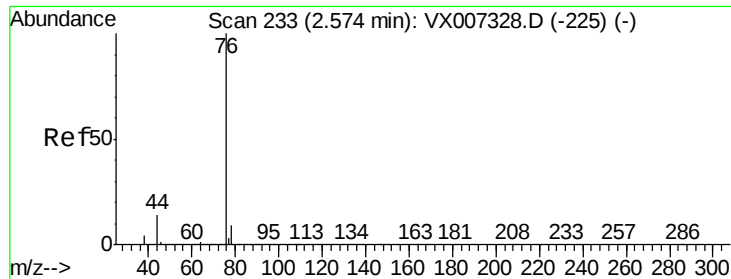
Delta R.T. 0.00 min

Lab File: VX007473.D

Acq: 11 Feb 2019 17:32

Tgt Ion:	43	Resp:	591101
Ion Ratio	Lower	Upper	
43	100		
58	31.7	24.9	37.3





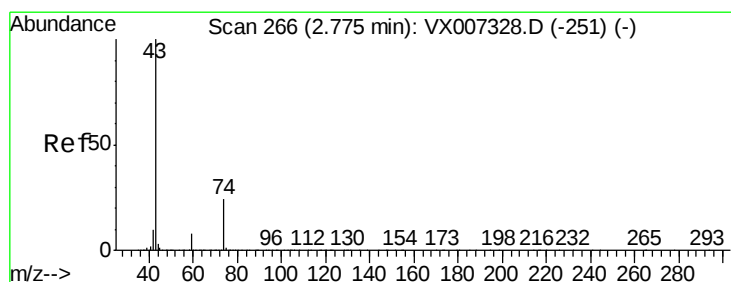
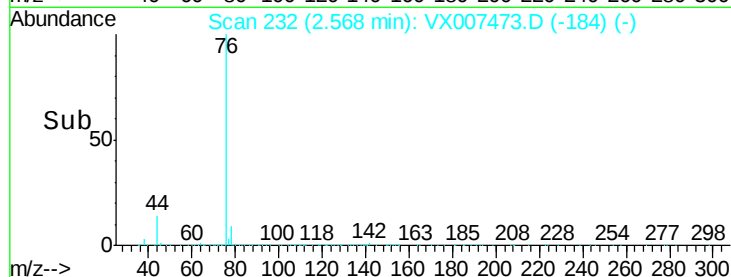
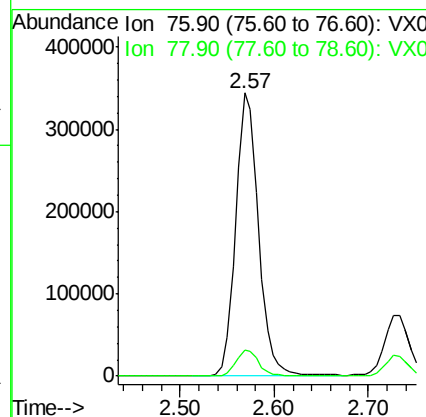
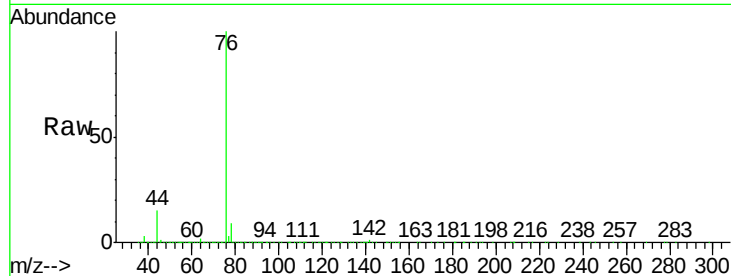
#17
Carbon Disulfide
Concen: 44.932 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.01 min
Lab File: VX007473.D
Acq: 11 Feb 2019 17:32

Instrument :
MSVOA_X
ClientSampleId :
KY001MW020-190207MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.1	10.7

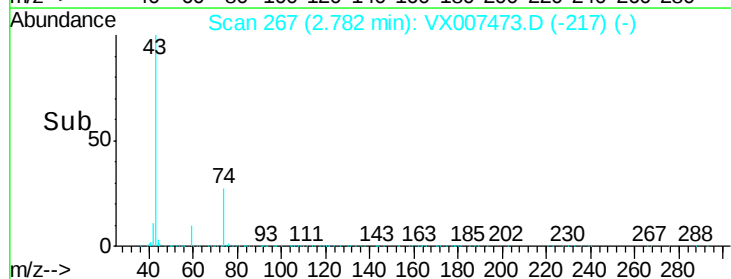
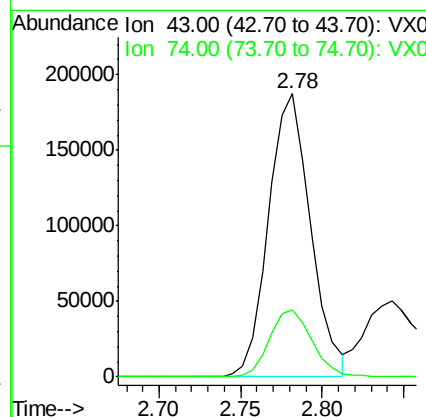
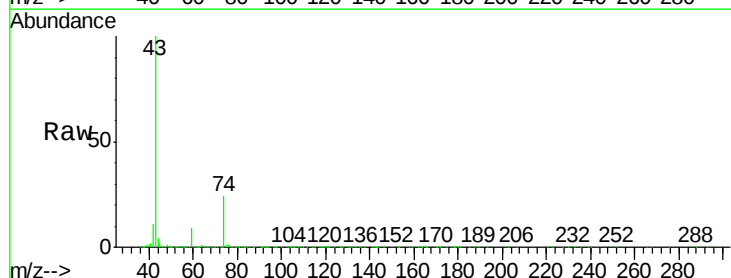
Manual Integrations
APPROVED

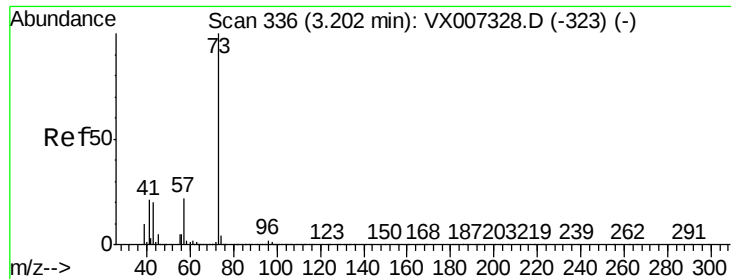
MMDadoda
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#18
Methyl Acetate
Concen: 50.661 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX007473.D
Acq: 11 Feb 2019 17:32

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	19.4	29.2





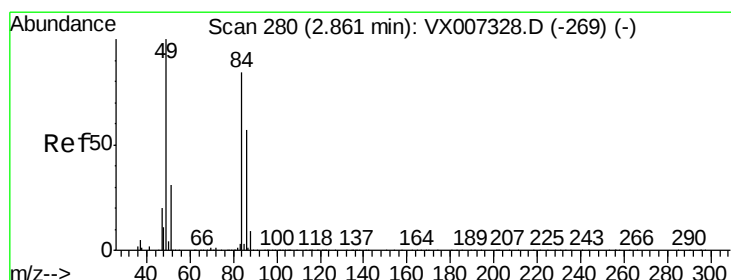
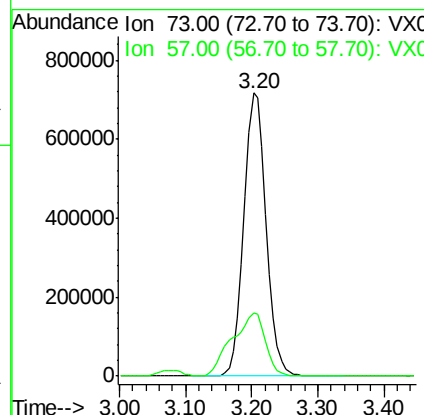
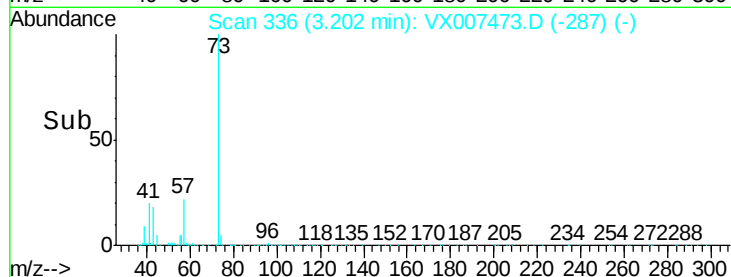
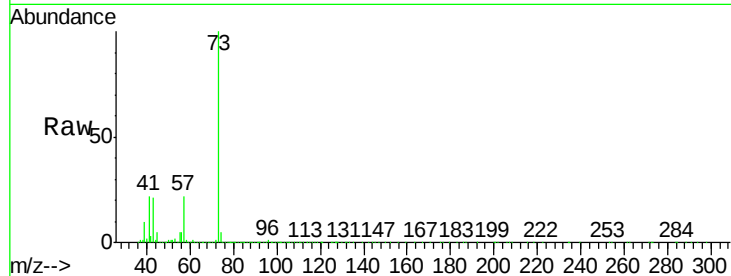
#19
Methvl tert-butvl Ether
Concen: 104.187 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX007473.D
Acq: 11 Feb 2019 17:32

Instrument :
MSVOA_X
ClientSampleId :
KY001MW020-190207MS

Tot Ion: 73 Resp: 1672942
Ion Ratio Lower Upper
73 100
57 22.3 17.8 26.8

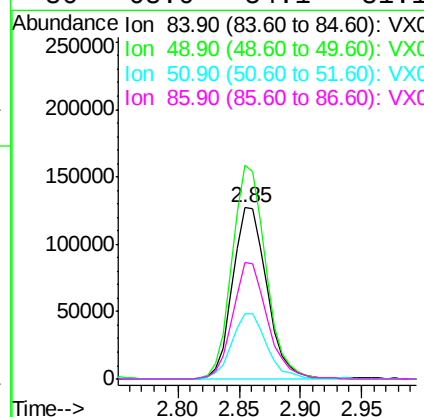
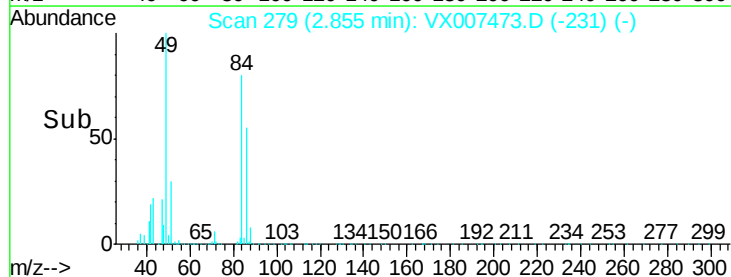
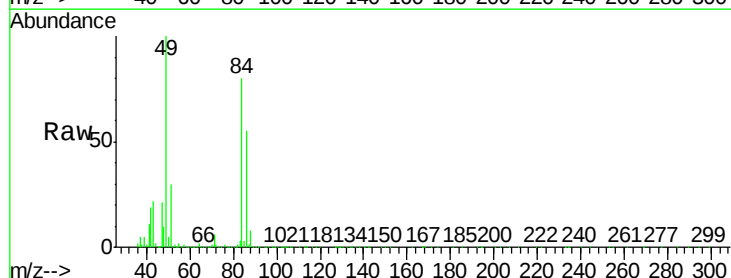
Manual Integrations
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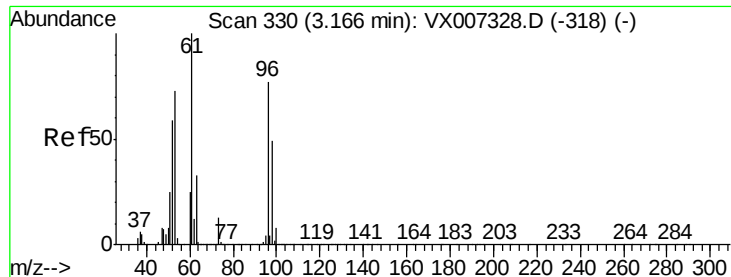
MMDadoda
2/12/2019 12:15:52 PM



#20
Methylene Chloride
Concen: 48.064 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007473.D
Acq: 11 Feb 2019 17:32

Tgt Ion: 84 Resp: 247862
Ion Ratio Lower Upper
84 100
49 124.6 94.8 142.2
51 37.6 29.8 44.8
86 68.0 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 44.934 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007473.D

Acq: 11 Feb 2019 17:32

Instrument :

MSVOA_X

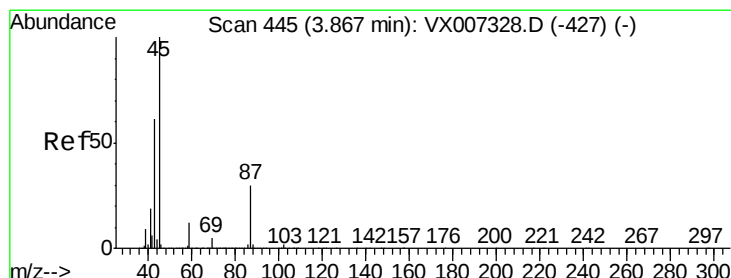
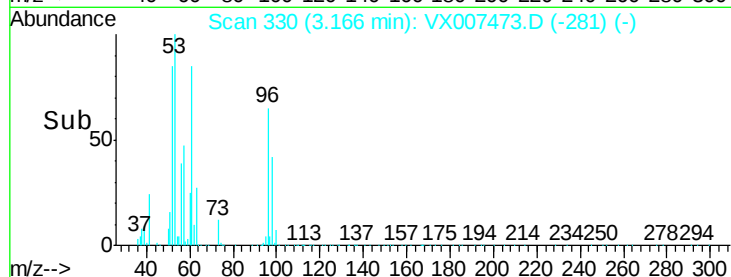
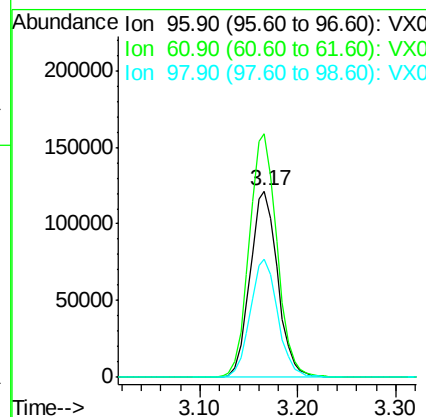
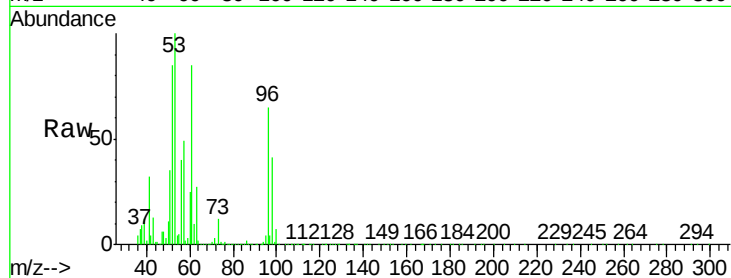
ClientSampleId :

KY001MW020-190207MS

Tot Ion:	96	Resp:	237239
Ion	Ratio	Lower	Upper
96	100		
61	130.7	104.6	156.8
98	63.6	51.0	76.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 47.708 ug/l

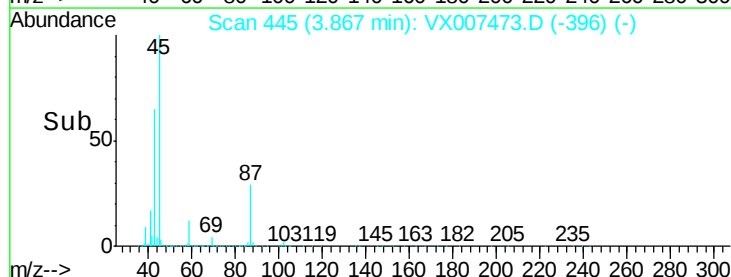
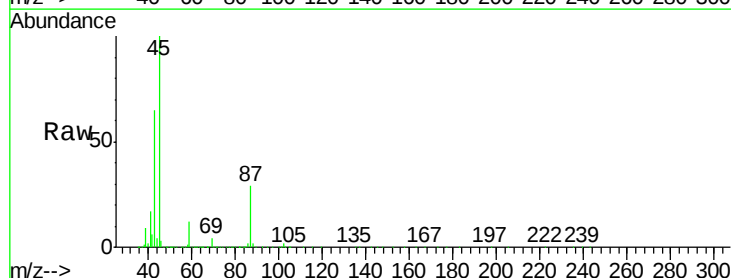
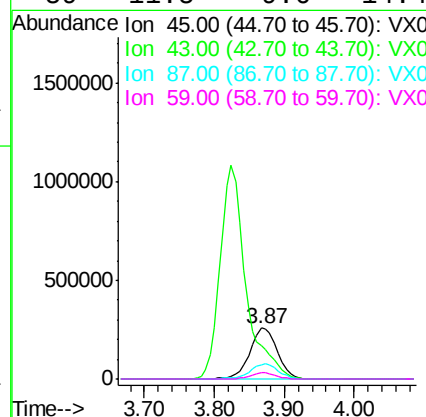
RT: 3.87 min Scan# 445

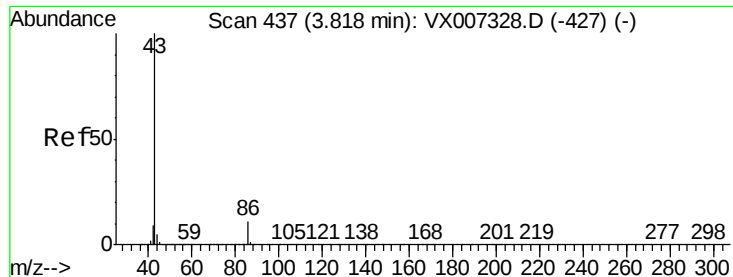
Delta R.T. 0.00 min

Lab File: VX007473.D

Acq: 11 Feb 2019 17:32

Tgt Ion:	45	Resp:	708687
Ion	Ratio	Lower	Upper
45	100		
43	64.6	48.9	73.3
87	28.8	23.9	35.9
59	11.5	9.6	14.4





#23

Vinyl Acetate

Concen: 226.116 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007473.D

Acq: 11 Feb 2019 17:32

Instrument :

MSVOA_X

ClientSampleId :

KY001MW020-190207MS

Tot Ion: 43 Resp: 2787295

Ion Ratio Lower Upper

43 100

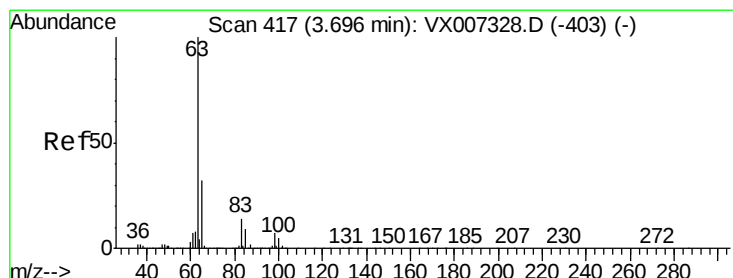
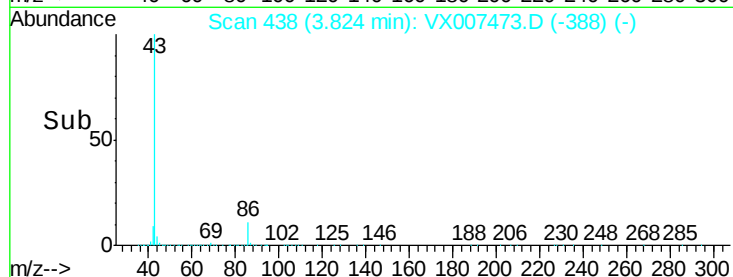
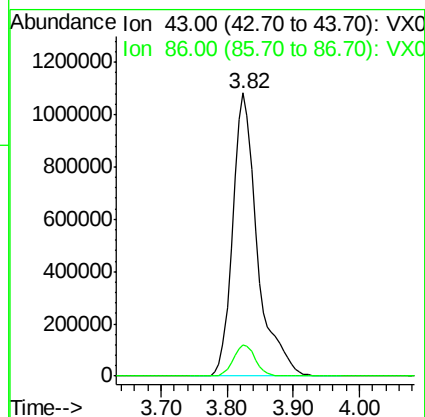
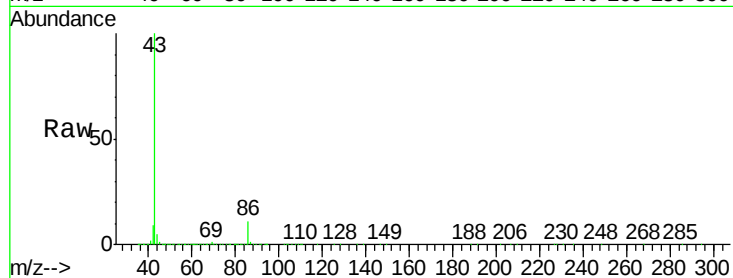
86 11.0 8.7 13.1

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 46.437 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007473.D

Acq: 11 Feb 2019 17:32

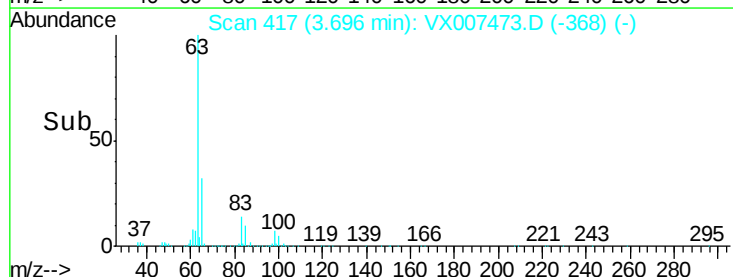
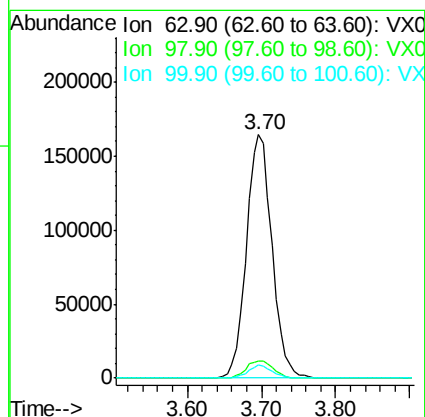
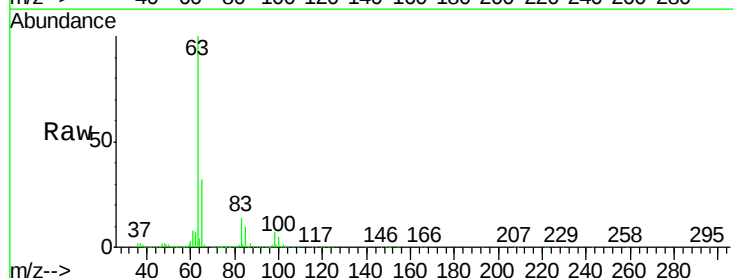
Tgt Ion: 63 Resp: 396143

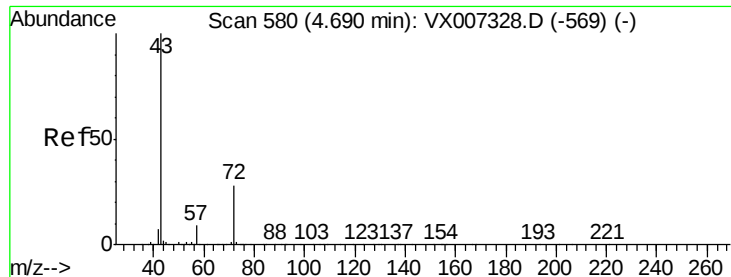
Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

100 5.1 2.5 7.4





#25

2-Butanone

Concen: 243.415 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX007473.D

Acq: 11 Feb 2019 17:32

Instrument :

MSVOA_X

ClientSampleId :

KY001MW020-190207MS

Tot Ion: 43 Resp: 874300

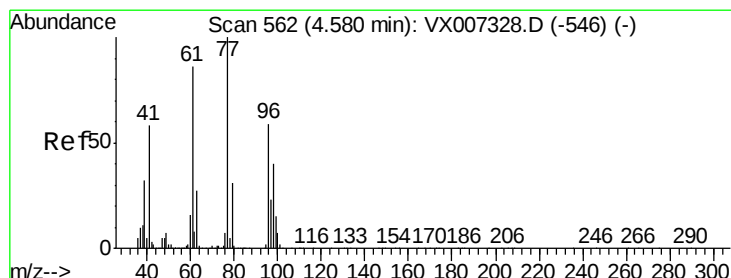
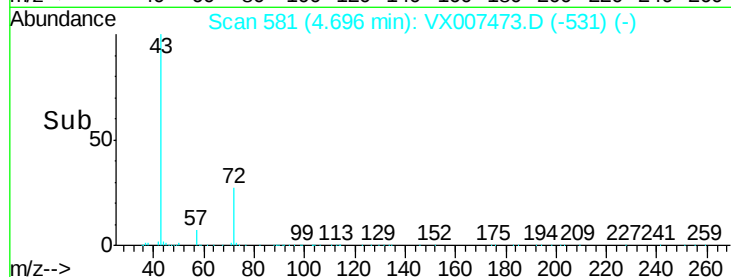
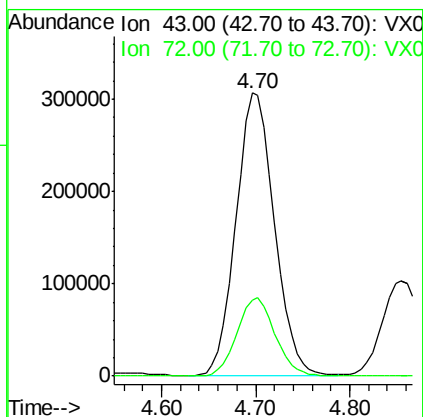
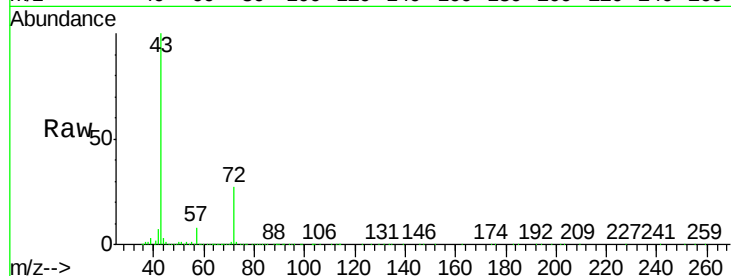
Ion Ratio Lower Upper

43 100

72 26.7 22.2 33.2

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#26

2,2-Dichloropropane

Concen: 42.577 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX007473.D

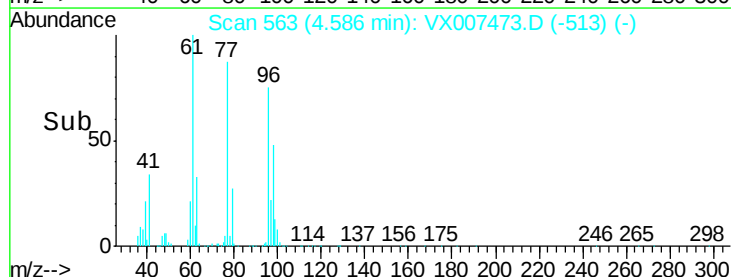
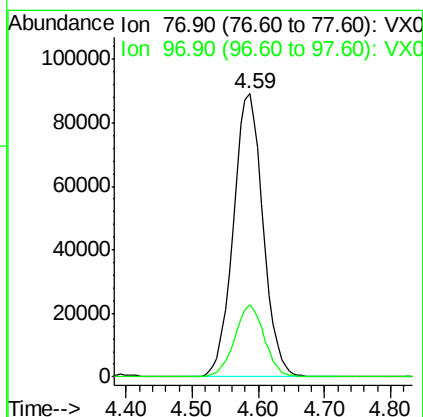
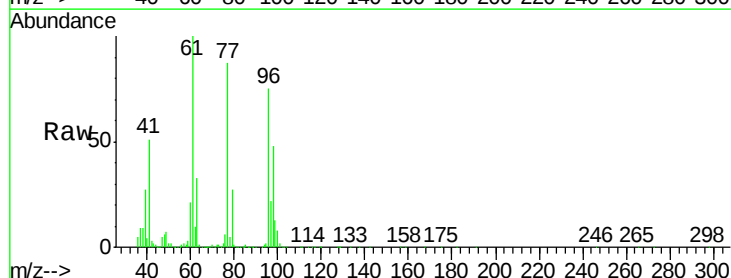
Acq: 11 Feb 2019 17:32

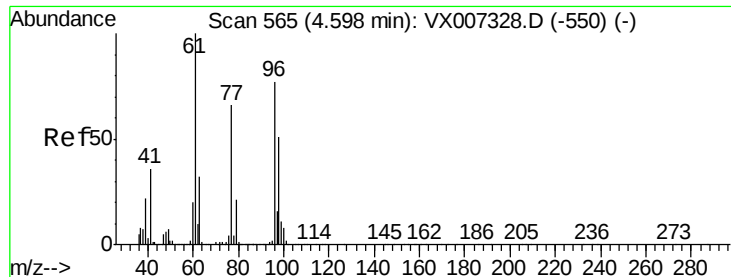
Tgt Ion: 77 Resp: 276605

Ion Ratio Lower Upper

77 100

97 25.7 12.1 36.3





#27

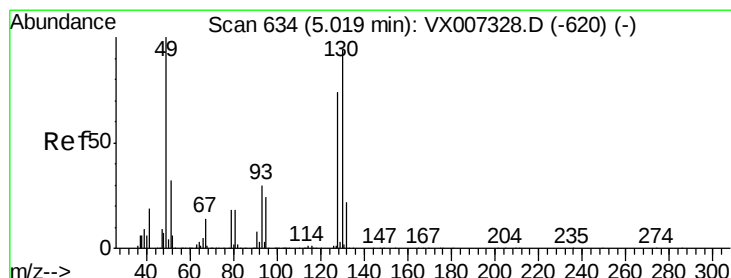
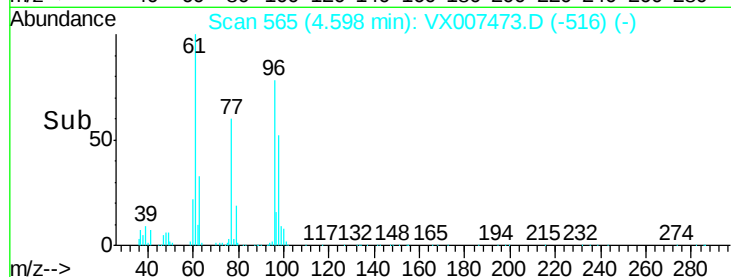
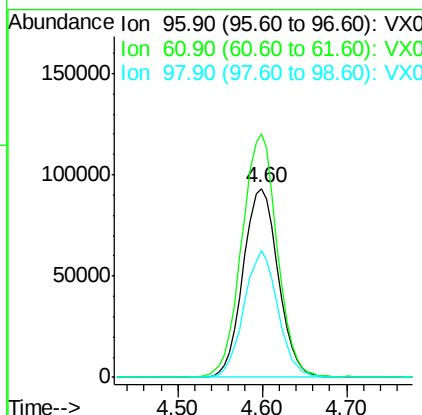
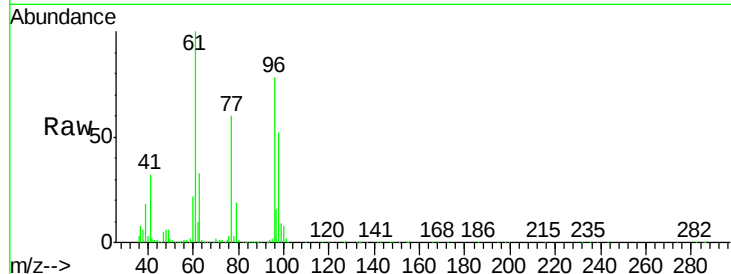
cis-1,2-Dichloroethene
Concen: 45.591 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007473.D
Acq: 11 Feb 2019 17:32

Instrument :
MSVOA_X
ClientSampleId :
KY001MW020-190207MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	262911		
61	130.4	0.0	265.6	
98	65.0	0.0	131.6	

Manual Integrations
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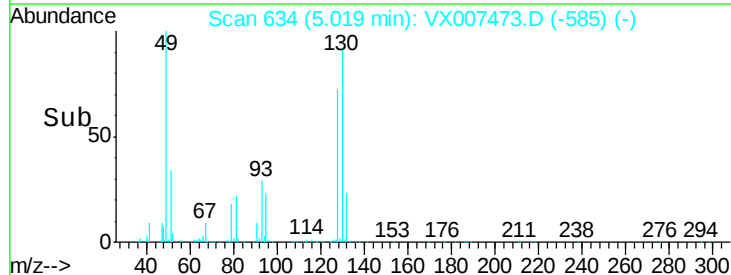
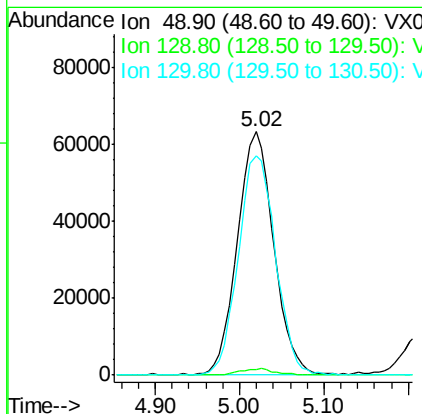
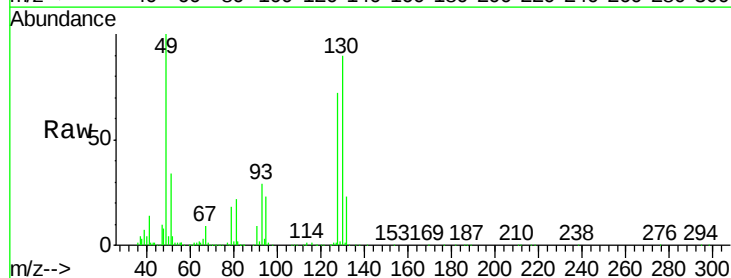
MMDadoda
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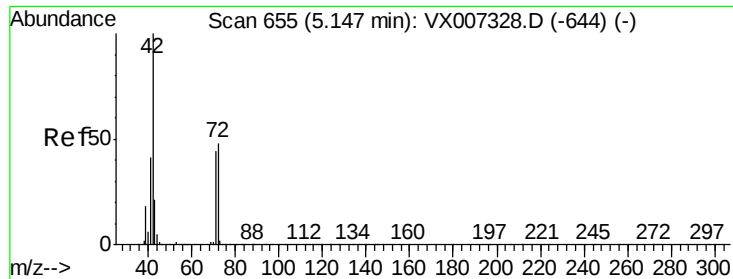


#28

Bromochloromethane
Concen: 46.928 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007473.D
Acq: 11 Feb 2019 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	184099		
129	2.6	0.0	5.6	
130	93.0	75.6	113.4	





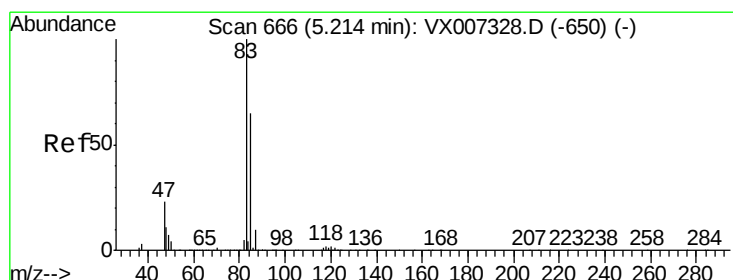
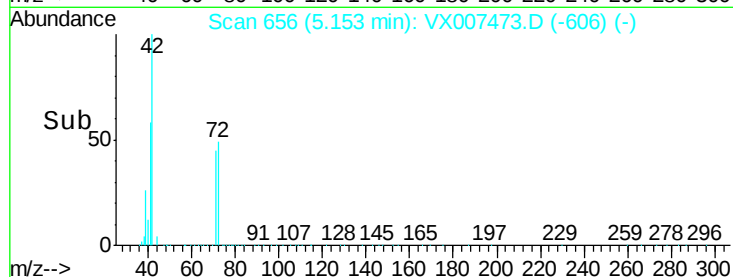
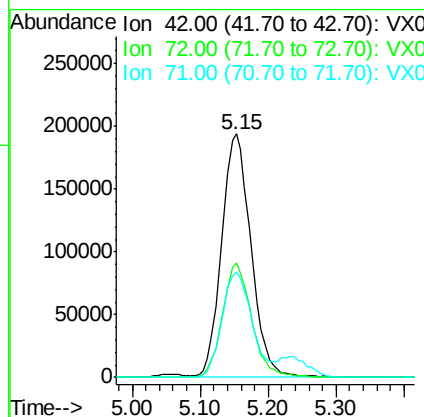
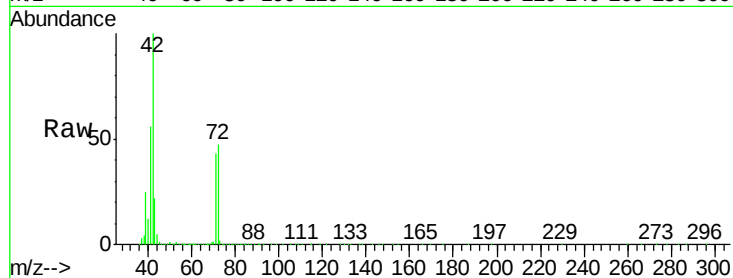
#29
Tetrahydrofuran
Concen: 255.839 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX007473.D
Acq: 11 Feb 2019 17:32

Instrument :
MSVOA_X
ClientSampleId :
KY001MW020-190207MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.7	37.6	56.4
71	44.7	34.6	51.8

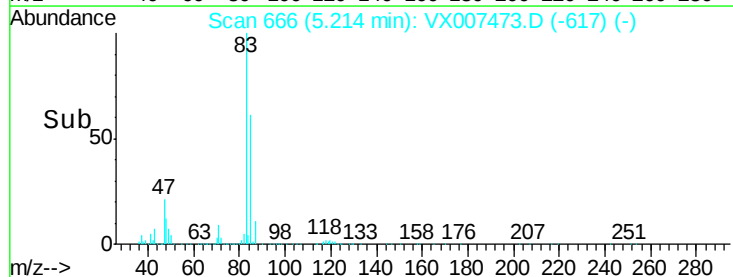
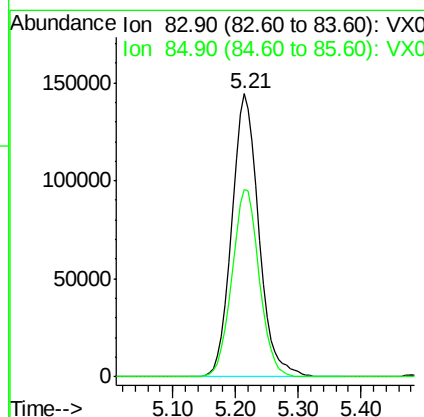
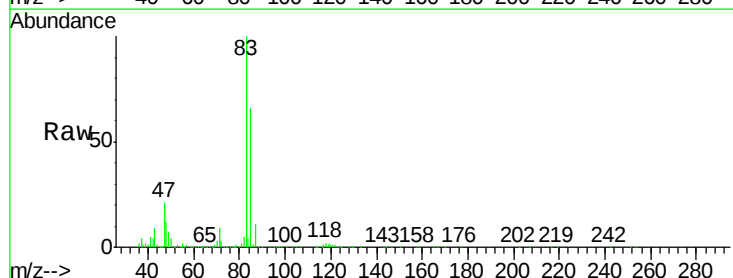
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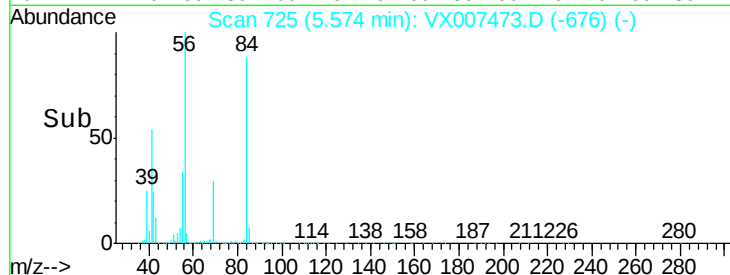
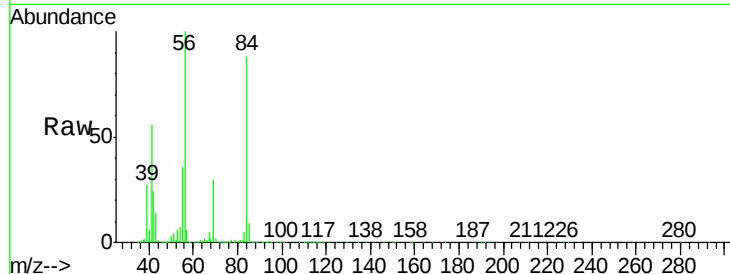
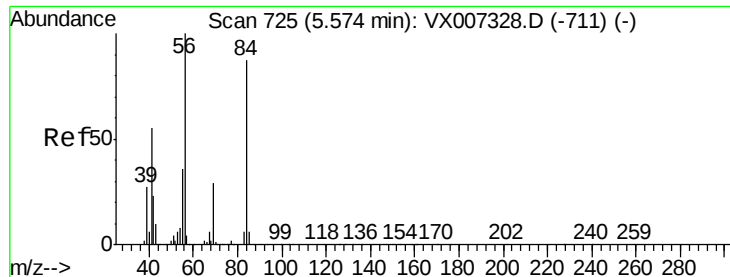
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#30
Chloroform
Concen: 48.472 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007473.D
Acq: 11 Feb 2019 17:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	51.6	77.4





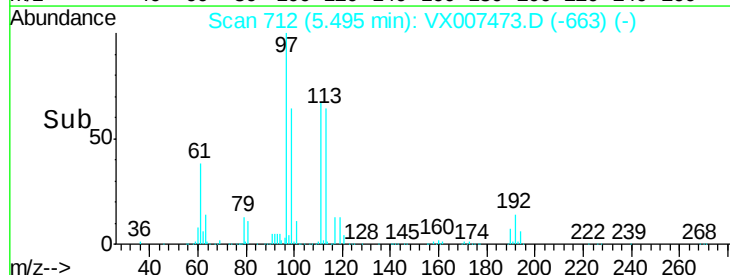
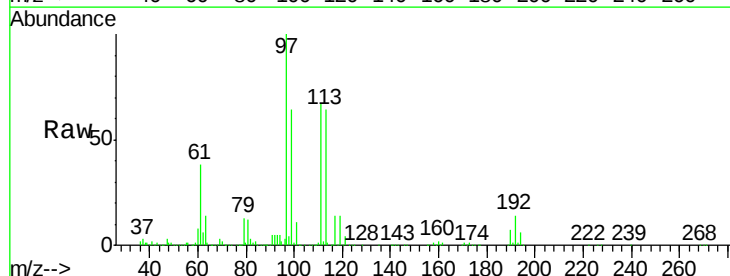
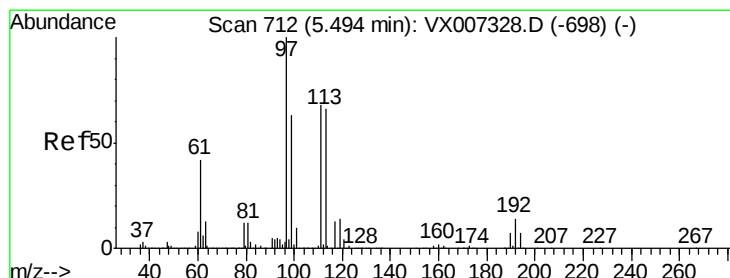
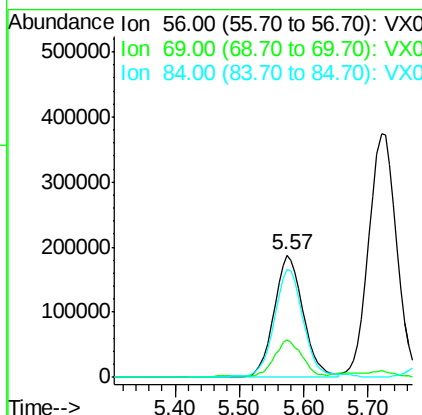
#31
Cyclohexane
Concen: 77.950 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX007473.D
Acq: 11 Feb 2019 17:32

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.2	23.0	34.6
84	87.9	69.8	104.6

Instrument :
MSVOA_X
ClientSampleId :
KY001MW020-190207MS

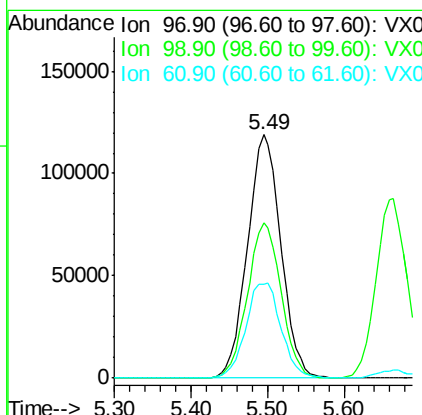
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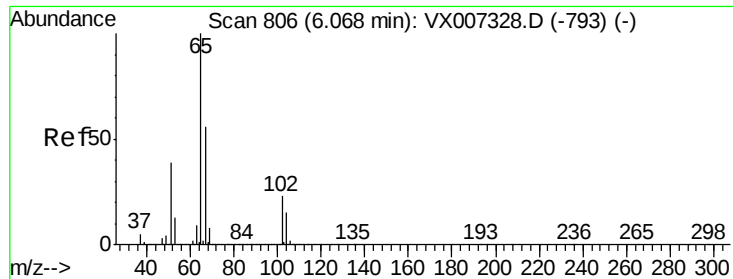
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#32
1,1,1-Trichloroethane
Concen: 48.226 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX007473.D
Acq: 11 Feb 2019 17:32

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	52.2	78.2
61	40.5	32.7	49.1





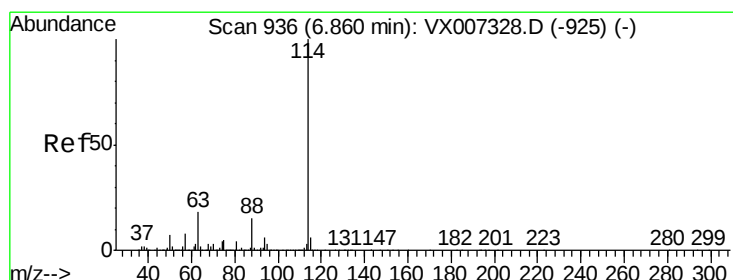
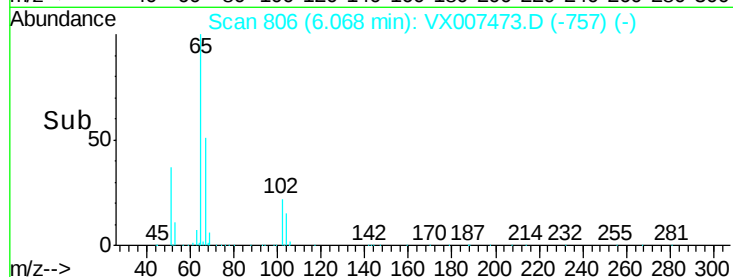
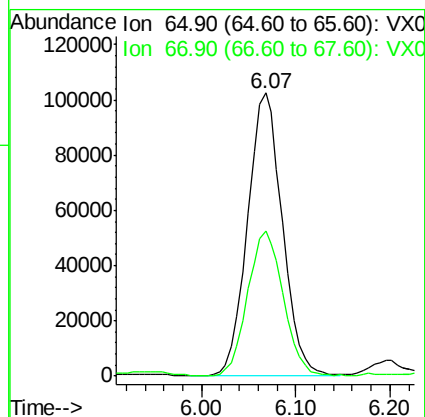
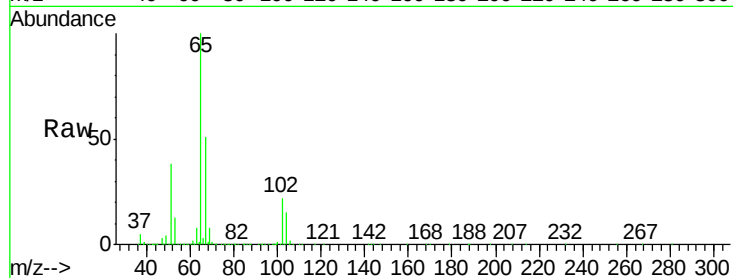
#33
 1,2-Dichloroethane-d4
 Concen: 48.086 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007473.D
 Acq: 11 Feb 2019 17:32

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW020-190207MS

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	108.8

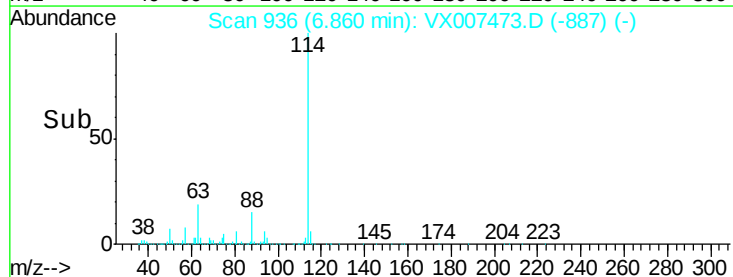
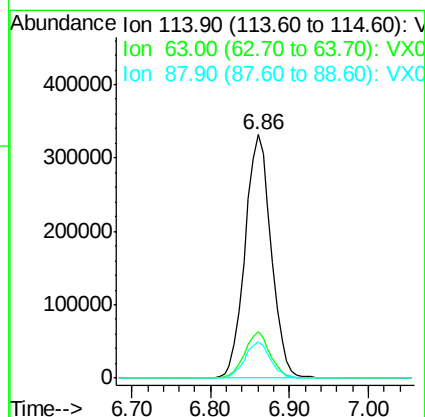
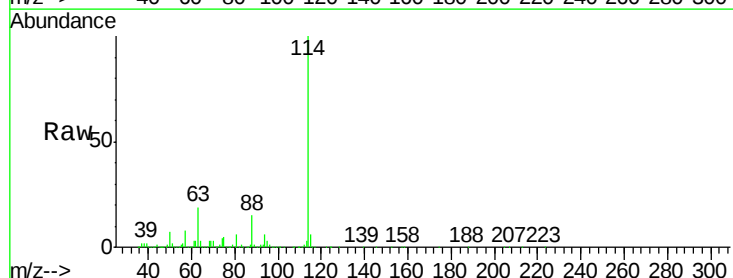
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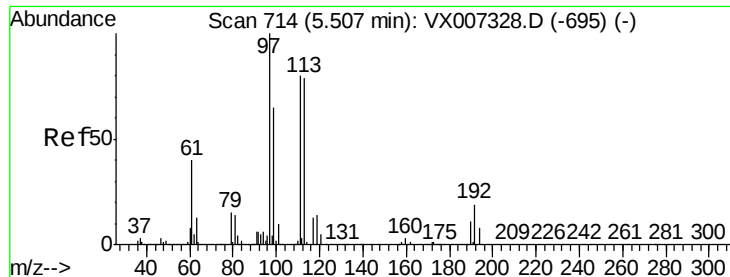
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007473.D
 Acq: 11 Feb 2019 17:32

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	35.6
88	14.8	0.0	29.6





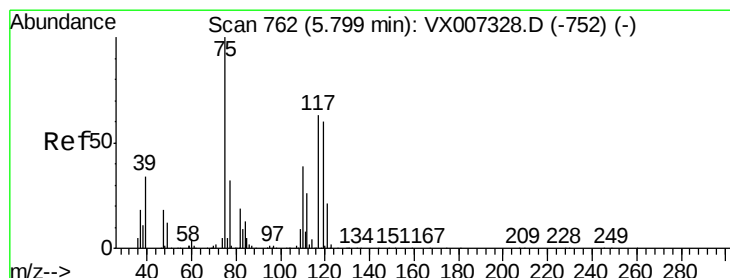
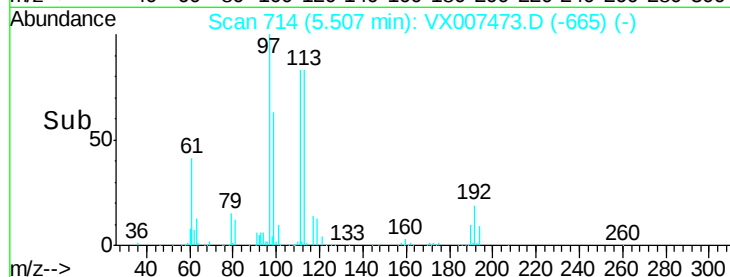
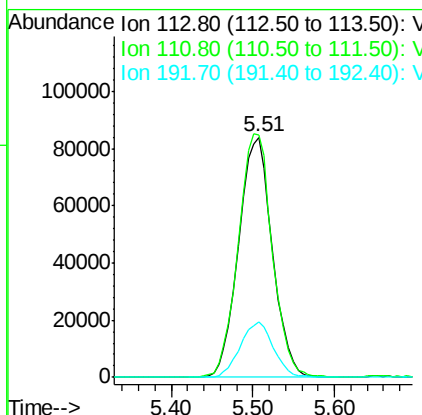
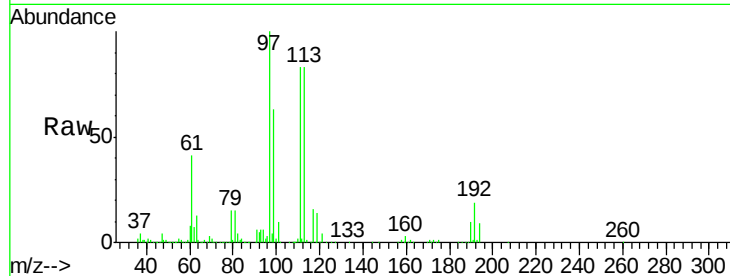
#35
 Dibromofluoromethane
 Concen: 48.441 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: VX007473.D
 Acq: 11 Feb 2019 17:32

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW020-190207MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	240667		
111	102.4	81.8	122.8	
192	22.8	18.5	27.7	

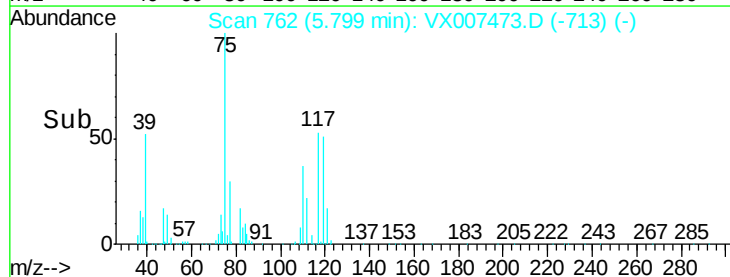
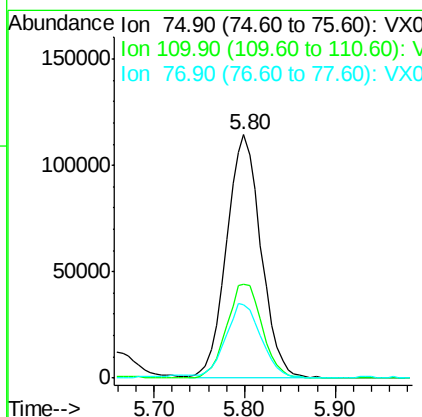
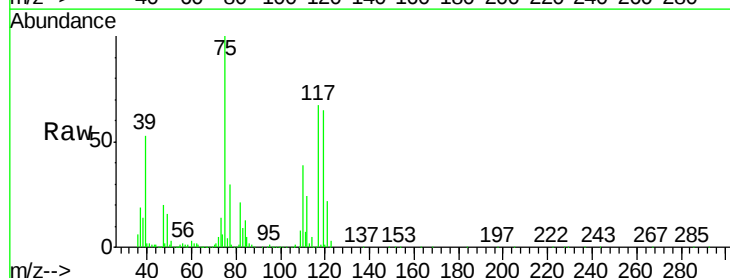
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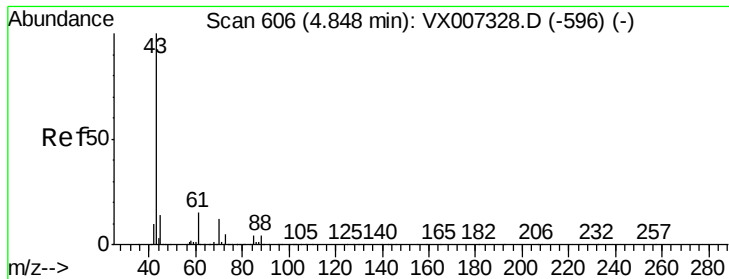
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#36
 1,1-Dichloropropene
 Concen: 43.766 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX007473.D
 Acq: 11 Feb 2019 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	299846		
110	40.3	20.0	59.9	
77	31.9	24.7	37.1	





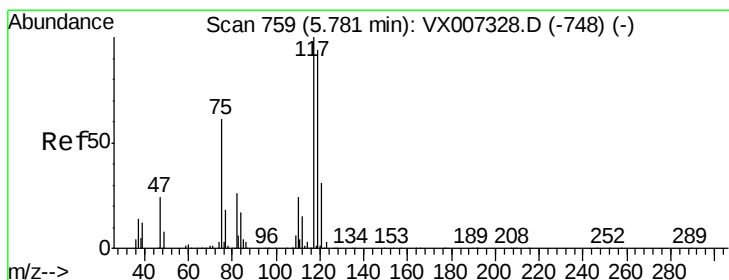
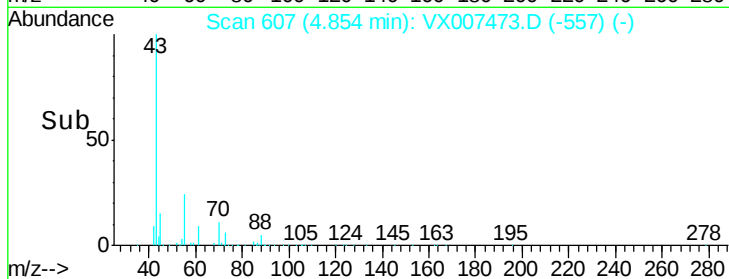
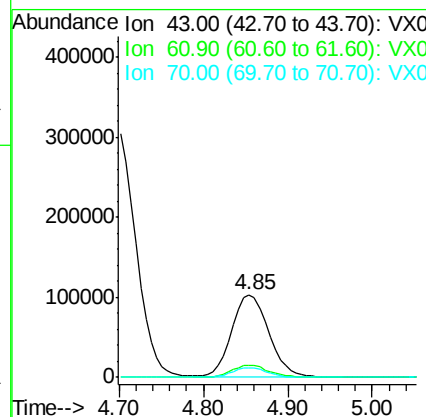
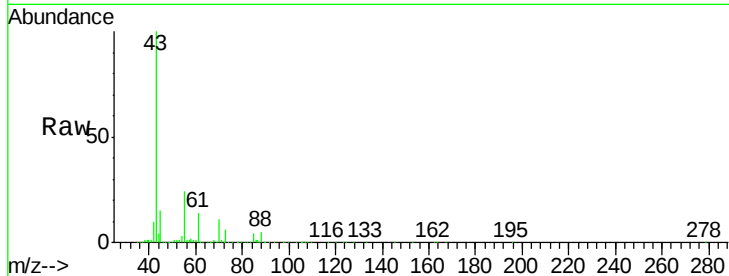
#37
Ethyl Acetate
Concen: 44.453 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX007473.D
Acq: 11 Feb 2019 17:32

Instrument :
MSVOA_X
ClientSampleId :
KY001MW020-190207MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.3	16.9
70	11.4	8.6	13.0

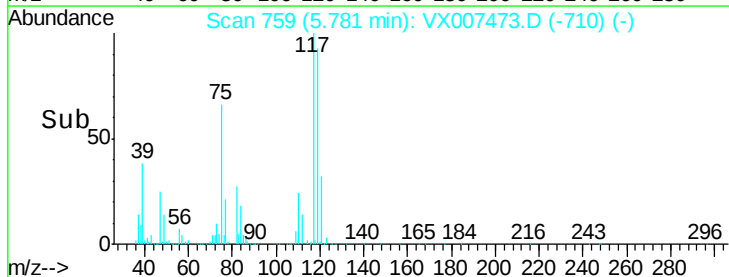
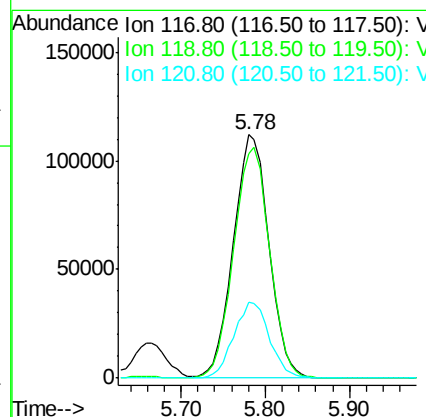
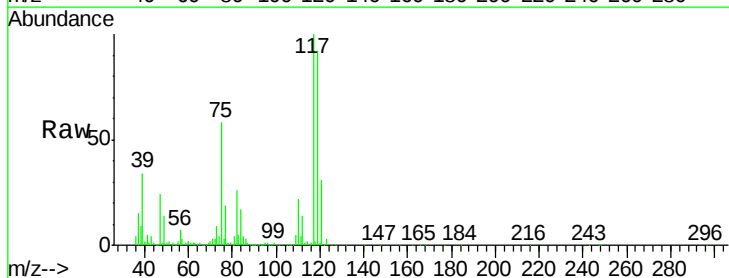
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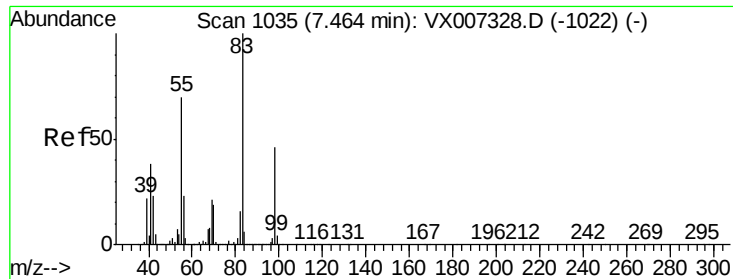
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#38
Carbon Tetrachloride
Concen: 48.382 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007473.D
Acq: 11 Feb 2019 17:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.1	75.3	112.9
121	31.0	25.0	37.4





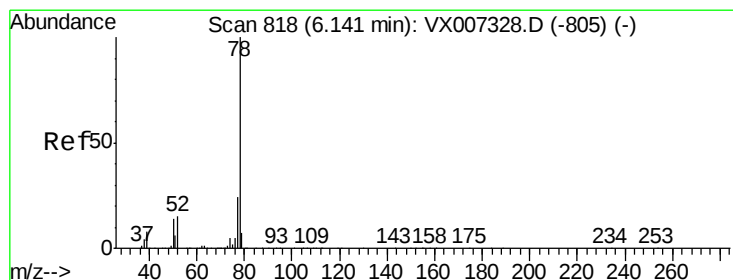
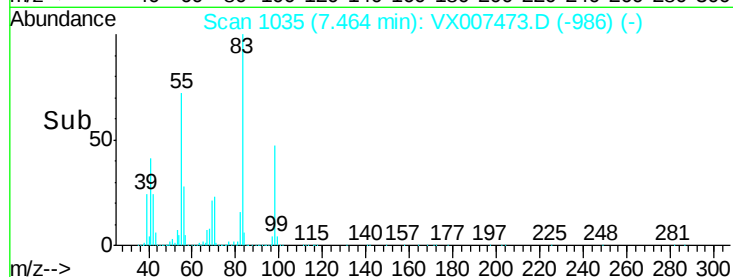
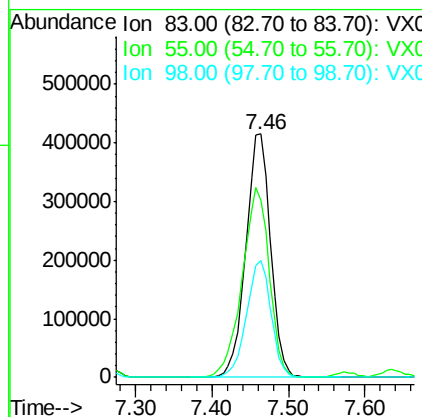
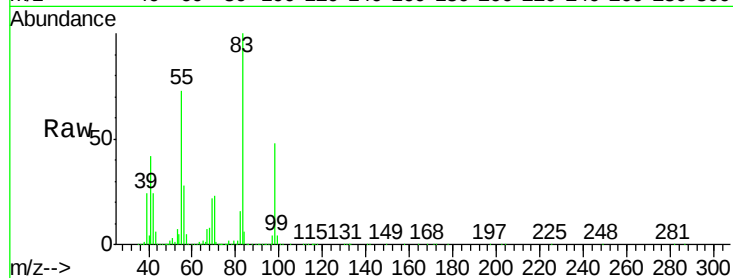
#39
Methvlcvclohexane
Concen: 112.480 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007473.D
Acq: 11 Feb 2019 17:32

Instrument :
MSVOA_X
ClientSampleId :
KY001MW020-190207MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.8	56.2	84.2
98	48.0	36.8	55.2

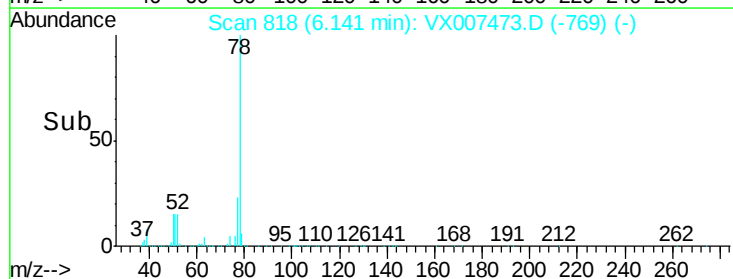
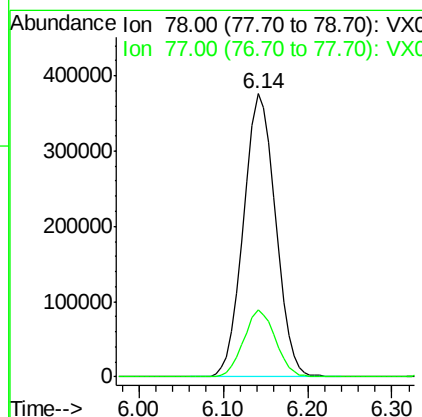
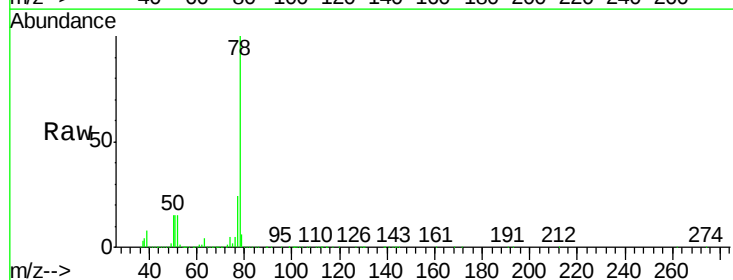
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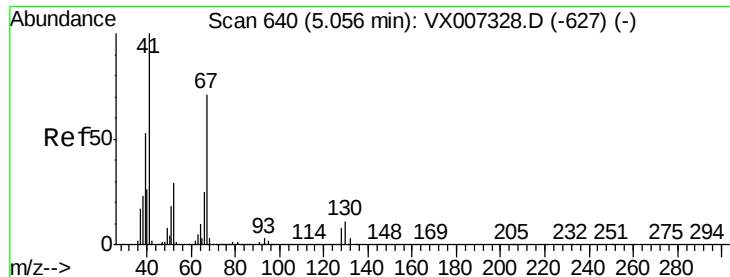
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#40
Benzene
Concen: 48.018 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007473.D
Acq: 11 Feb 2019 17:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.3	28.9





#41

Methacrylonitrile

Concen: 51.436 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.00 min

Lab File: VX007473.D

Acq: 11 Feb 2019 17:32

Instrument :

MSVOA_X

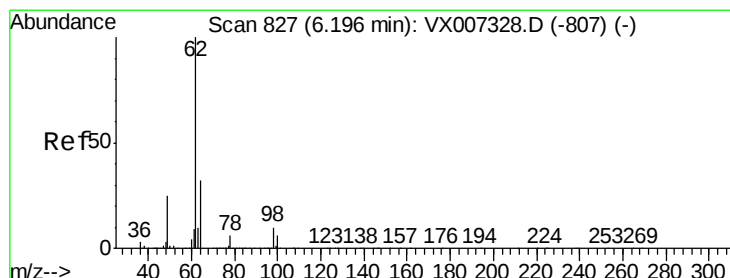
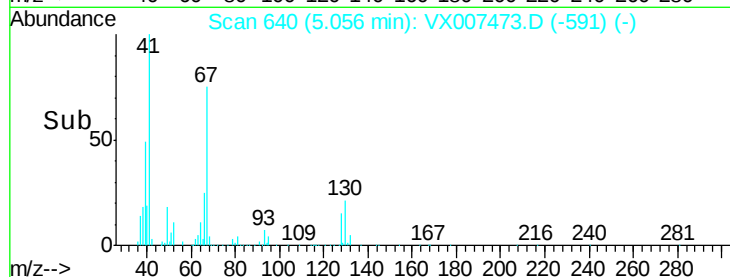
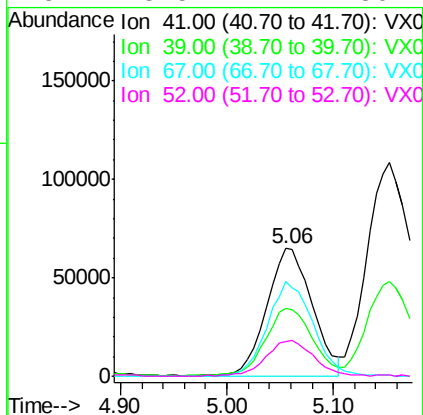
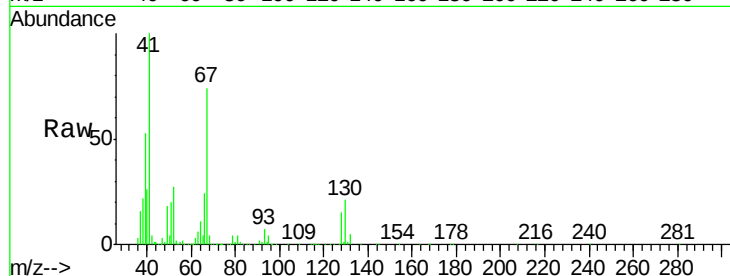
ClientSampleId :

KY001MW020-190207MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		190917		
39	54.9	44.5	66.7		
67	74.2	60.4	90.6		
52	28.5	24.1	36.1		

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 45.642 ug/l

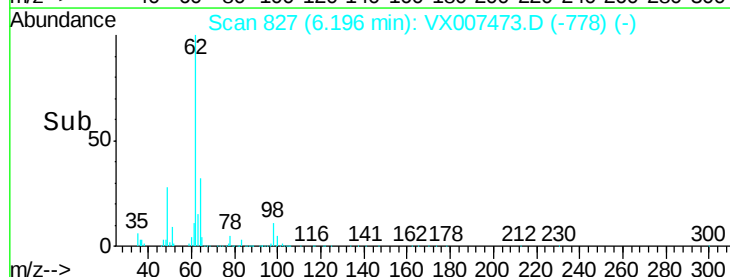
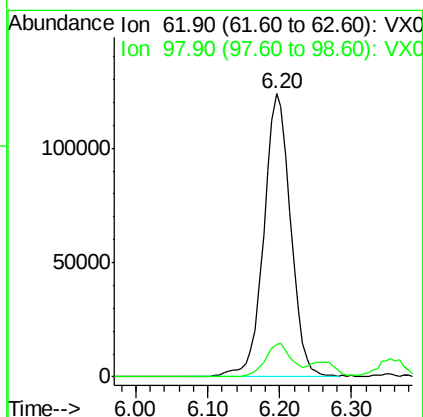
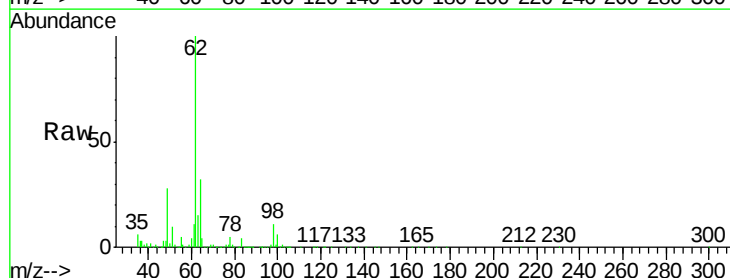
RT: 6.20 min Scan# 827

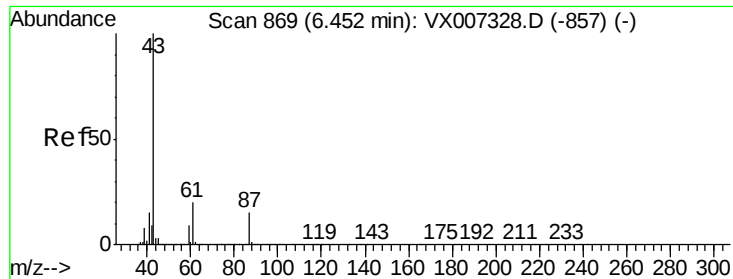
Delta R.T. 0.00 min

Lab File: VX007473.D

Acq: 11 Feb 2019 17:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		318696		
98	11.6	0.0	19.0		





#43

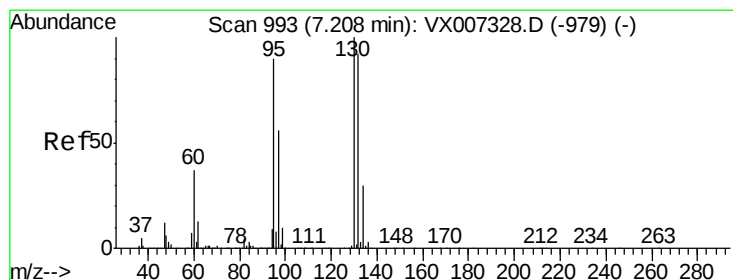
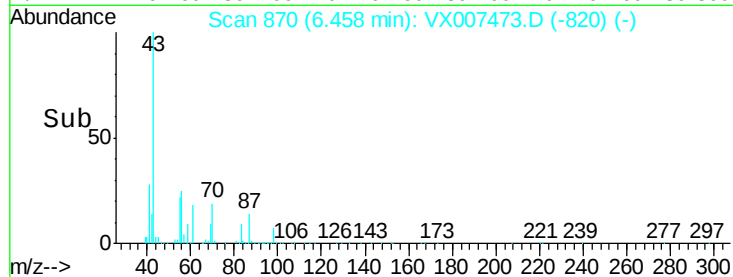
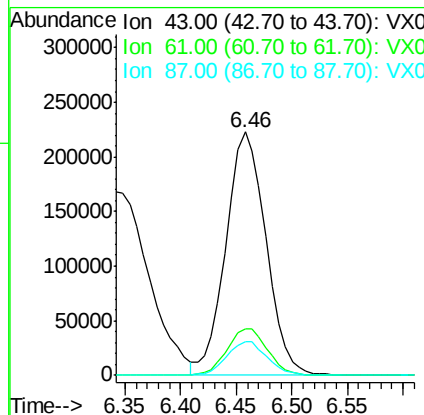
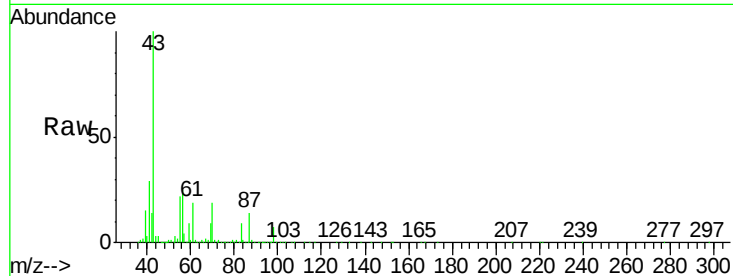
Isopropyl Acetate
 Concen: 51.675 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.01 min
 Lab File: VX007473.D
 Acq: 11 Feb 2019 17:32

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW020-190207MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.5	16.1	24.1
87	14.0	11.5	17.3

Manual Integrations
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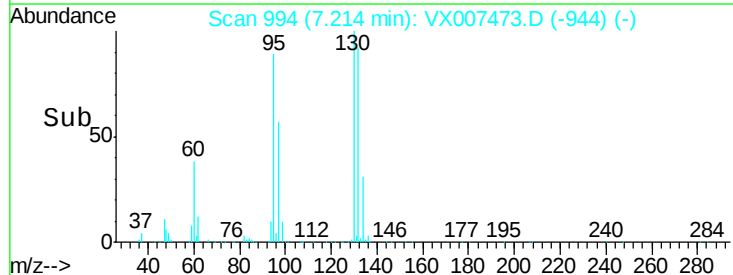
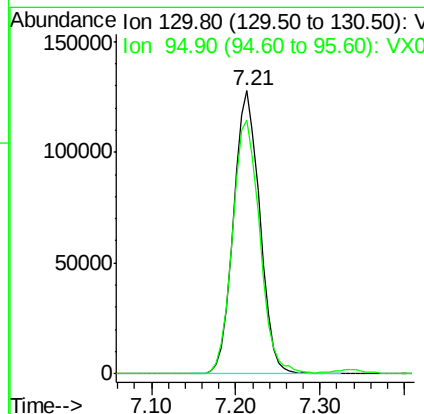
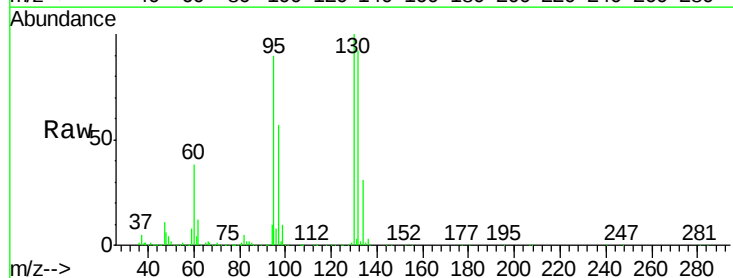
MMDadoda
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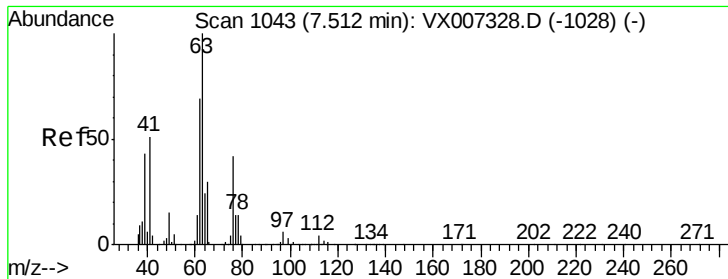


#44

Trichloroethene
 Concen: 44.173 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX007473.D
 Acq: 11 Feb 2019 17:32

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.8	0.0	180.0





#45

1,2-Dichloropropane

Concen: 47.006 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX007473.D

Acq: 11 Feb 2019 17:32

Instrument :

MSVOA_X

ClientSampleId :

KY001MW020-190207MS

Tot Ion: 63 Resp: 237685

Ion Ratio Lower Upper

63 100

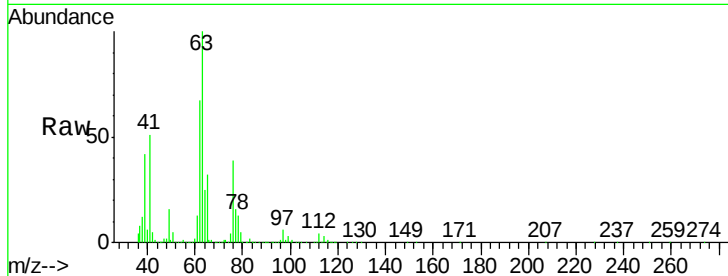
65 32.0 24.2 36.2

Manual Integrations

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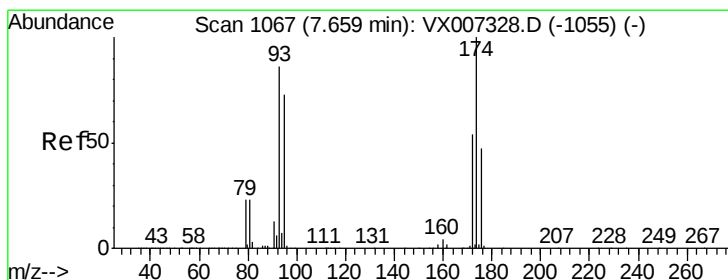
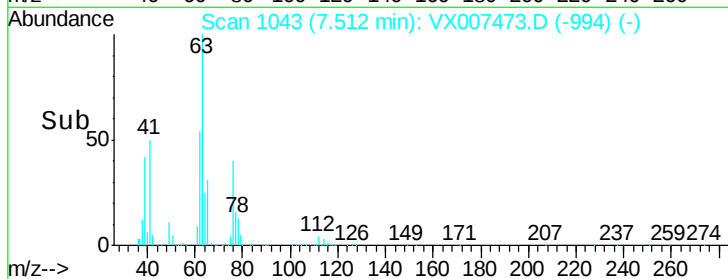
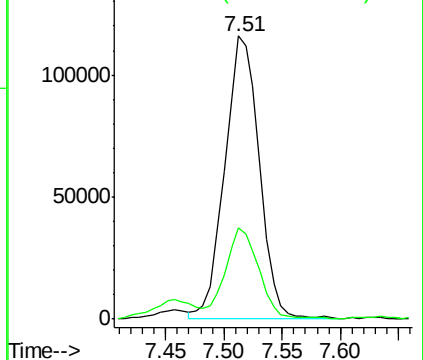
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 45.806 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX007473.D

Acq: 11 Feb 2019 17:32

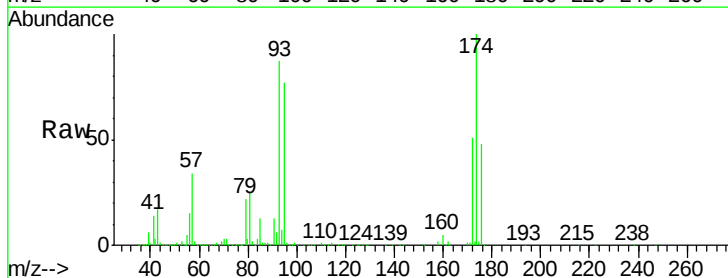
Tgt Ion: 93 Resp: 168340

Ion Ratio Lower Upper

93 100

95 97.7 67.6 101.4

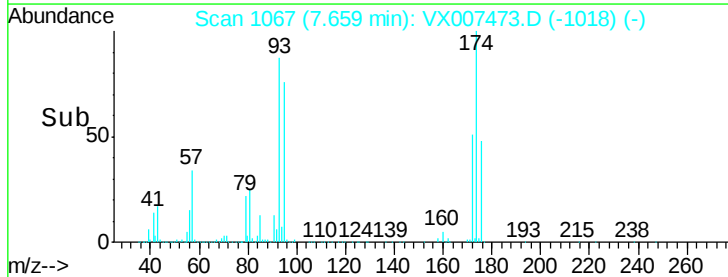
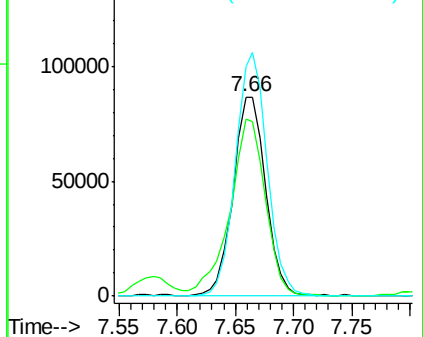
174 119.5 94.2 141.4

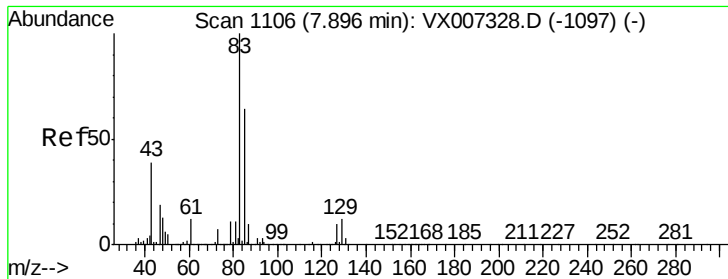


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.956 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007473.D

Acq: 11 Feb 2019 17:32

Instrument :

MSVOA_X

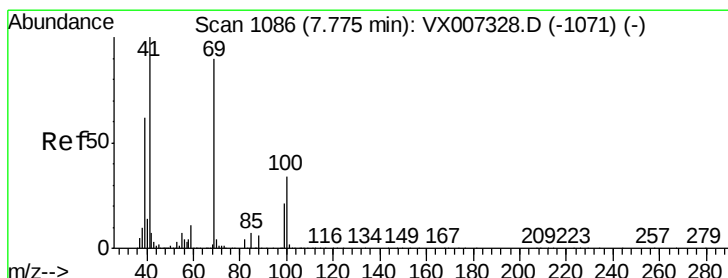
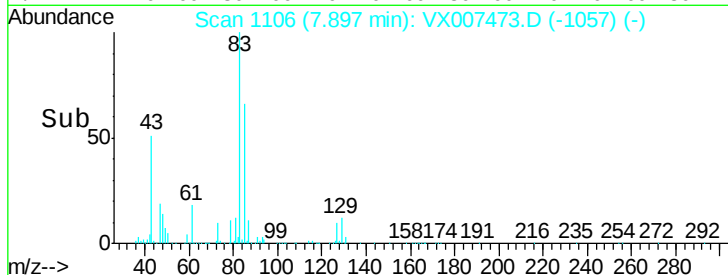
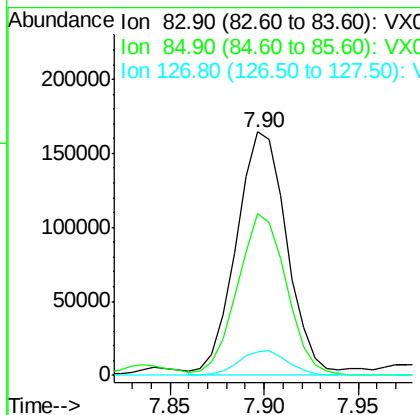
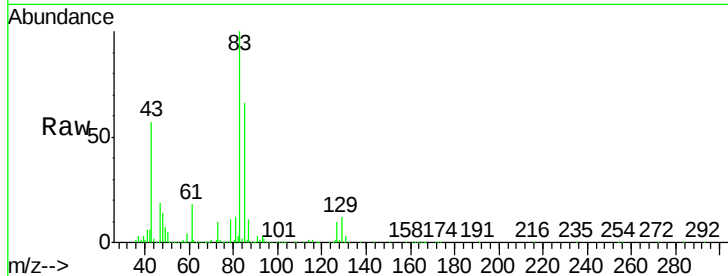
ClientSampleId :

KY001MW020-190207MS

Tot Ion:	83	Resp:	304916
Ion Ratio		Lower	Upper
83	100		
85	66.9	51.4	77.0
127	9.9	8.1	12.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.734 ug/l

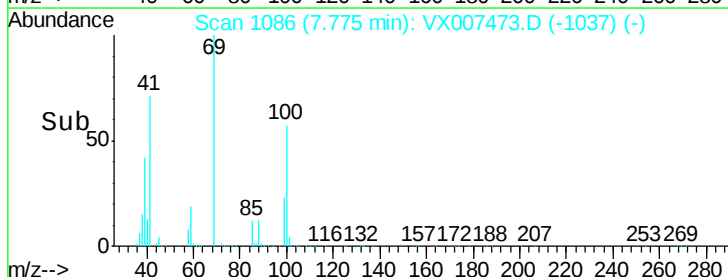
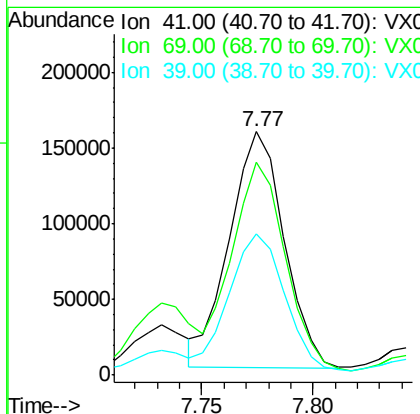
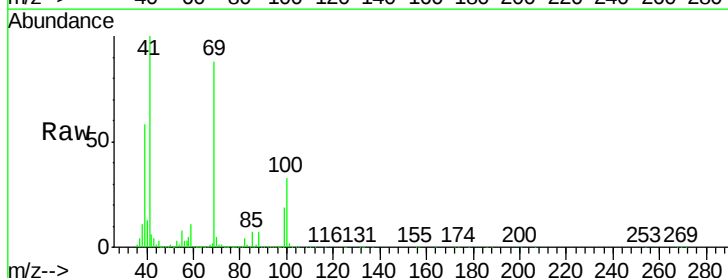
RT: 7.77 min Scan# 1086

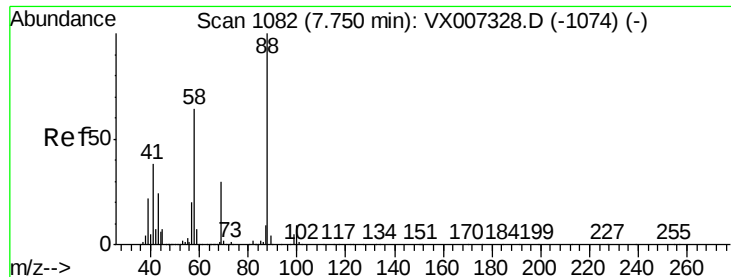
Delta R.T. 0.00 min

Lab File: VX007473.D

Acq: 11 Feb 2019 17:32

Tgt Ion:	41	Resp:	265927
Ion Ratio		Lower	Upper
41	100		
69	87.6	70.2	105.4
39	59.5	47.4	71.0





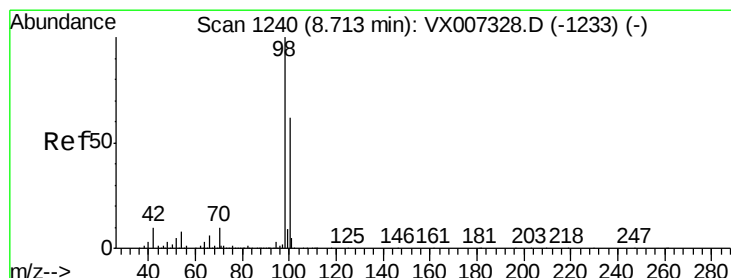
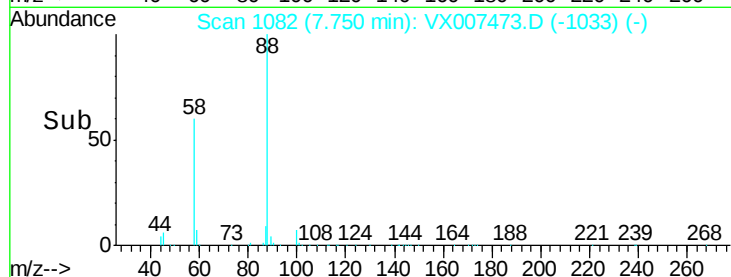
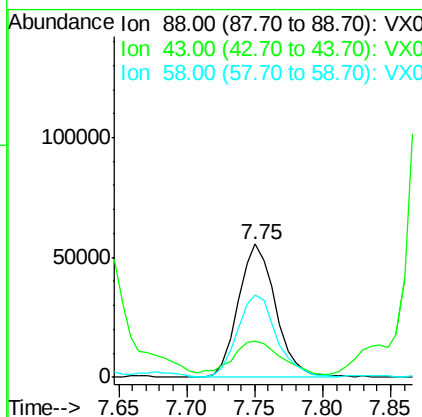
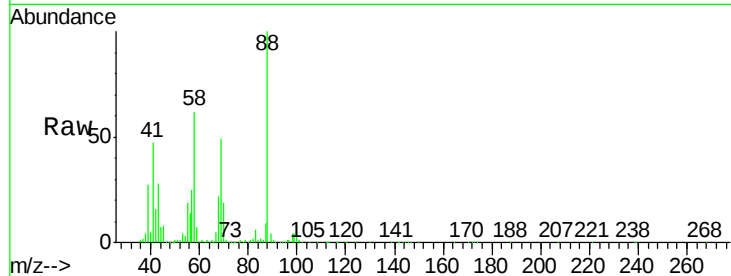
#49
 1,4-Dioxane
 Concen: 876.654 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. 0.00 min
 Lab File: VX007473.D
 Acq: 11 Feb 2019 17:32

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW020-190207MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.1	24.2	36.4
58	63.3	53.0	79.4

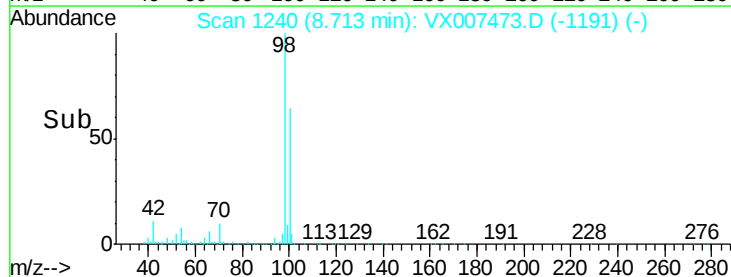
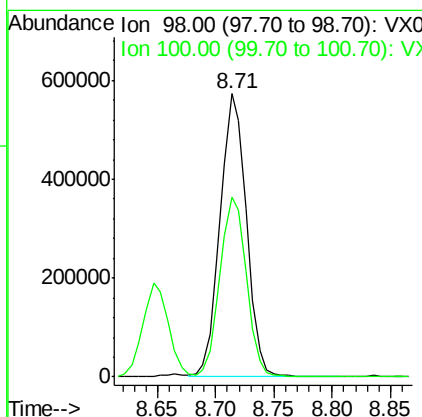
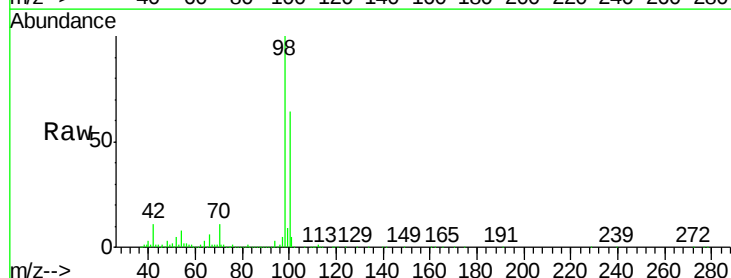
Manual Integrations
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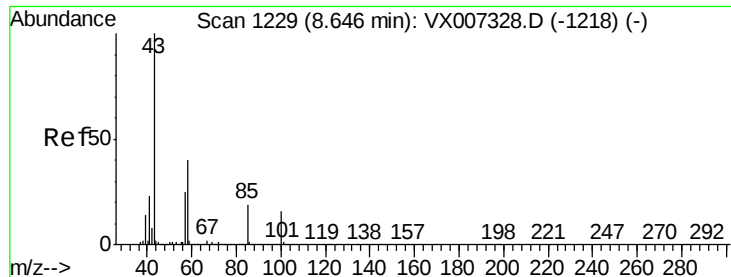
MMDadoda
 2/12/2019 12:15:52 PM



#50
 Toluene-d8
 Concen: 48.398 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX007473.D
 Acq: 11 Feb 2019 17:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 255.010 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007473.D

Acq: 11 Feb 2019 17:32

Instrument :

MSVOA_X

ClientSampleId :

KY001MW020-190207MS

Tot Ion: 43 Resp: 1794532

Ion Ratio Lower Upper

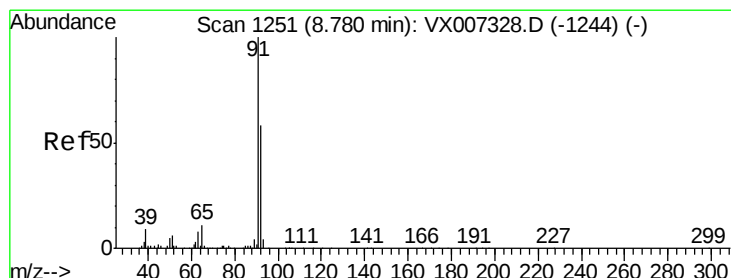
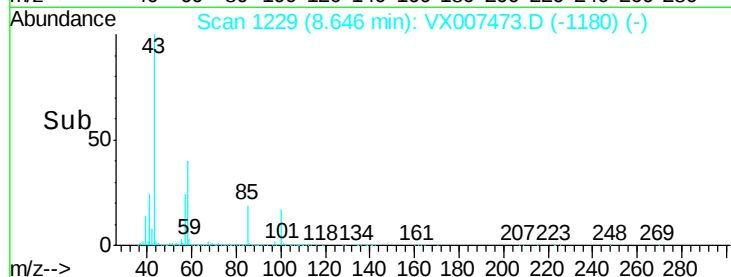
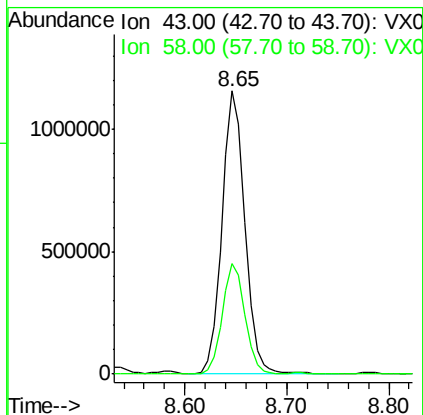
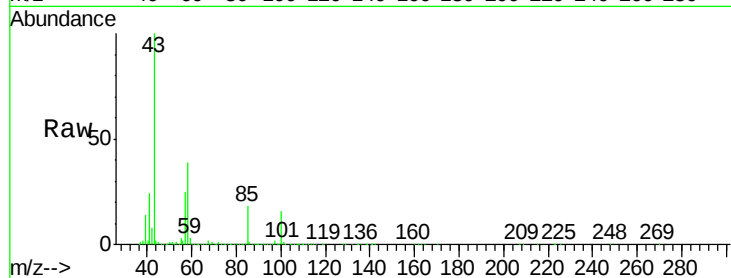
43 100

58 38.7 31.2 46.8

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#52

Toluene

Concen: 47.568 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007473.D

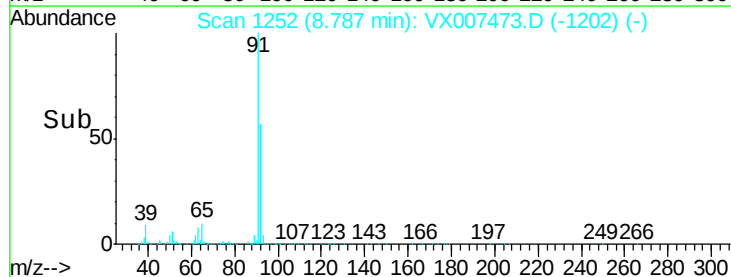
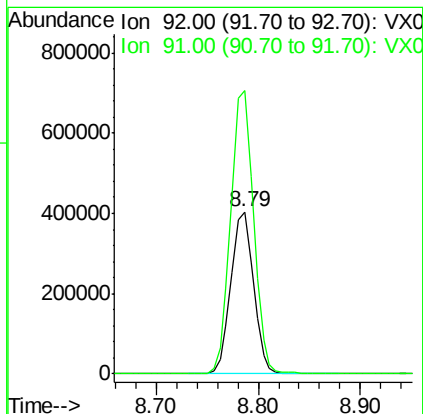
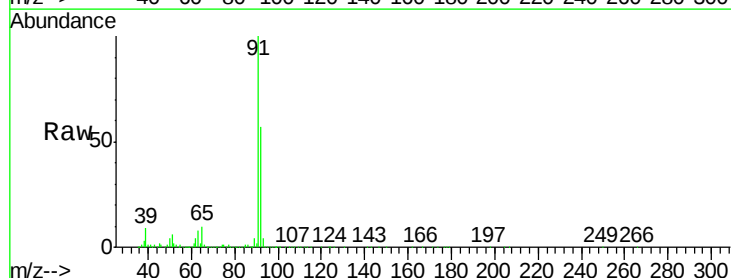
Acq: 11 Feb 2019 17:32

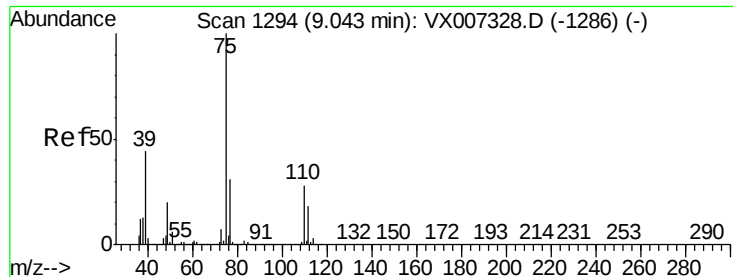
Tgt Ion: 92 Resp: 619373

Ion Ratio Lower Upper

92 100

91 176.5 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 51.291 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007473.D

Acq: 11 Feb 2019 17:32

Instrument :

MSVOA_X

ClientSampleId :

KY001MW020-190207MS

Tot Ion: 75 Resp: 343146

Ion Ratio Lower Upper

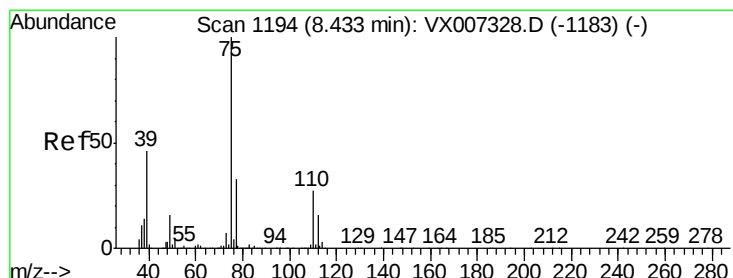
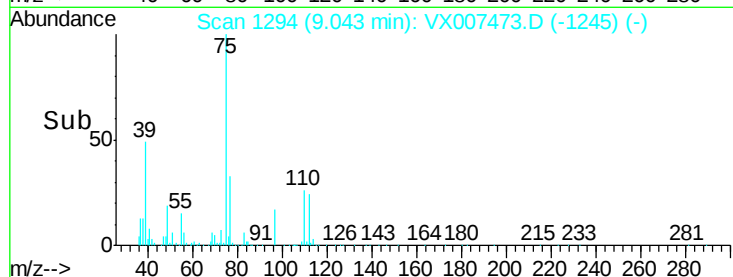
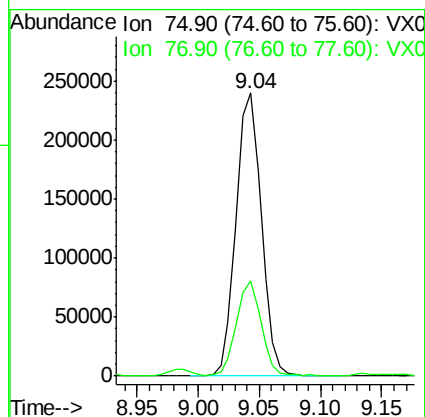
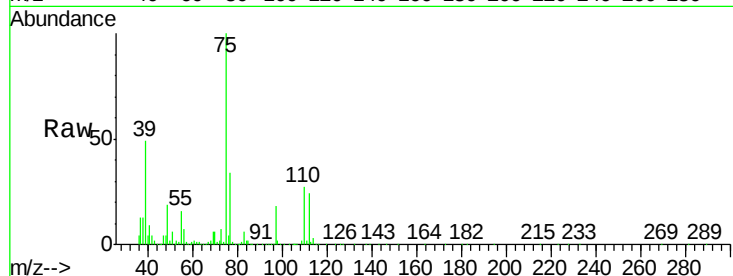
75 100

77 33.2 25.2 37.8

Manual Integrations
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#54

cis-1,3-Dichloropropene

Concen: 50.435 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007473.D

Acq: 11 Feb 2019 17:32

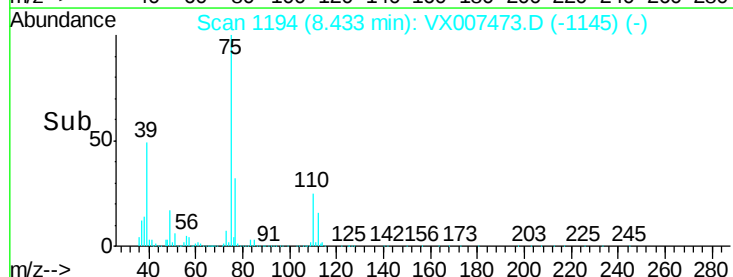
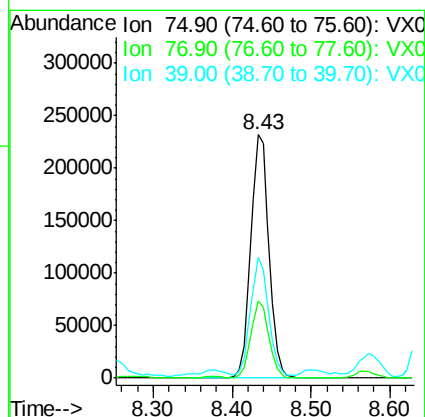
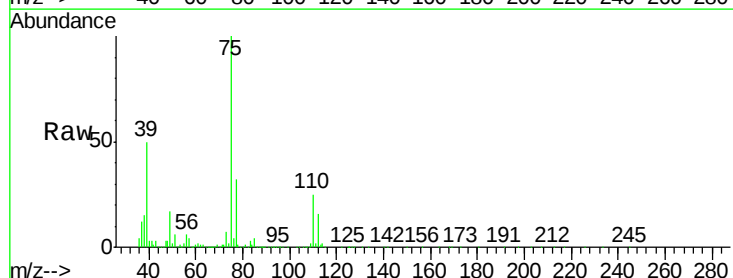
Tgt Ion: 75 Resp: 371061

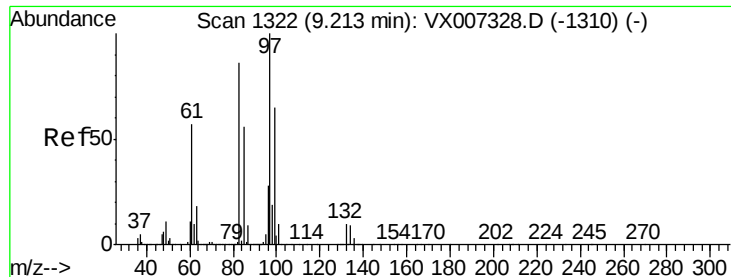
Ion Ratio Lower Upper

75 100

77 31.5 26.2 39.4

39 48.0 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 45.807 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX007473.D

Acq: 11 Feb 2019 17:32

Instrument :

MSVOA_X

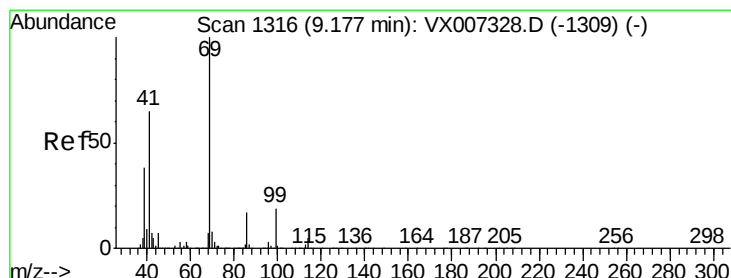
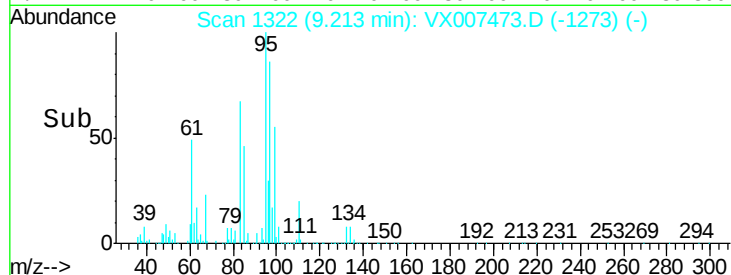
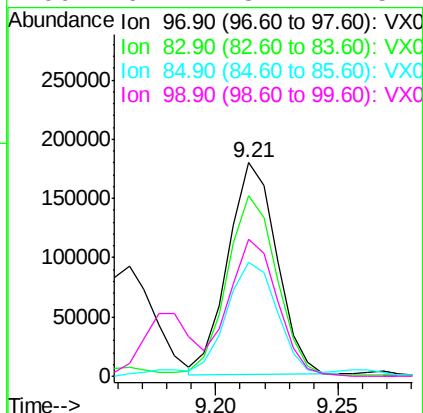
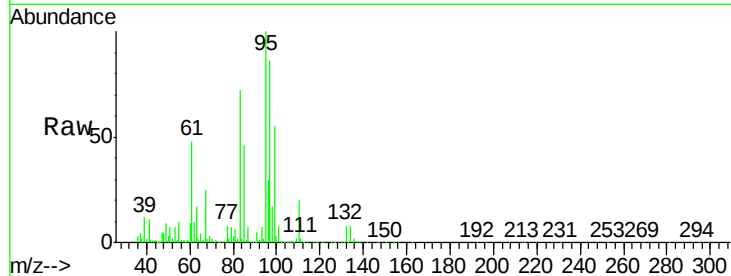
ClientSampleId :

KY001MW020-190207MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		248620		
83	84.8	68.6	102.8		
85	51.7	44.5	66.7		
99	64.2	52.2	78.4		

Manual Integrations
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#56

Ethyl methacrylate

Concen: 55.902 ug/l

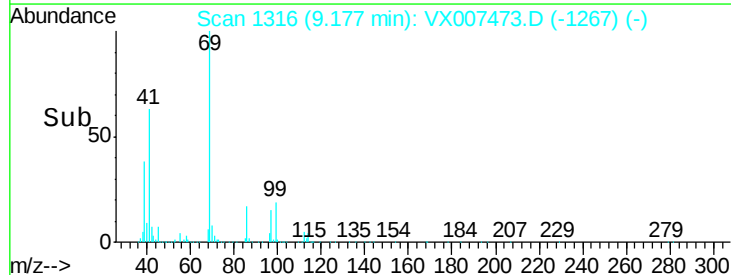
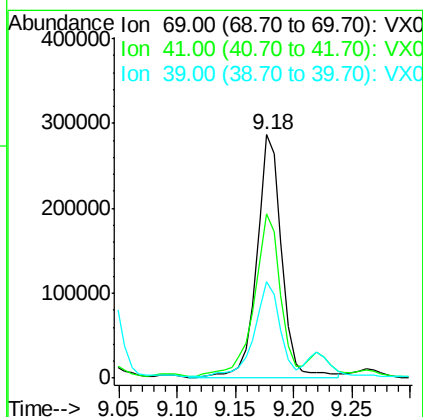
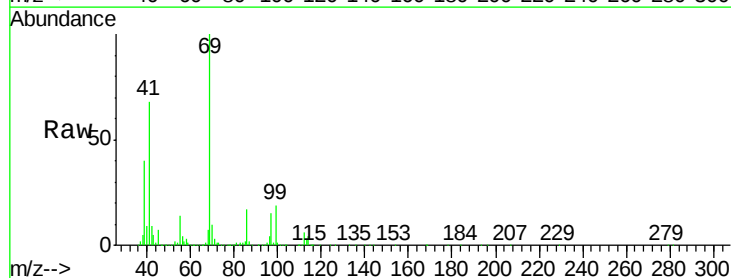
RT: 9.18 min Scan# 1316

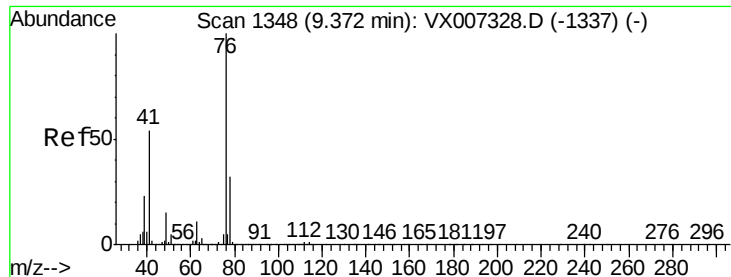
Delta R.T. 0.00 min

Lab File: VX007473.D

Acq: 11 Feb 2019 17:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		420233		
41	72.1	52.1	78.1		
39	41.0	30.1	45.1		





#57

1,3-Dichloropropane

Concen: 47.427 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007473.D

Acq: 11 Feb 2019 17:32

Instrument :

MSVOA_X

ClientSampleId :

KY001MW020-190207MS

Tot Ion: 76 Resp: 409367

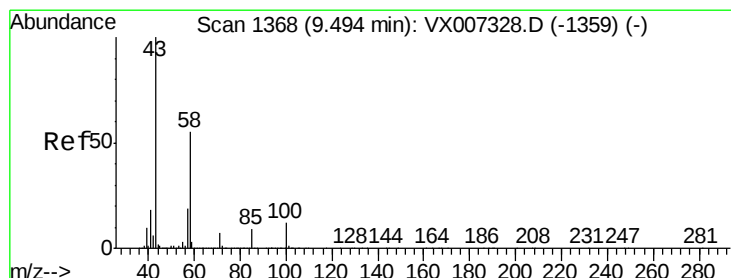
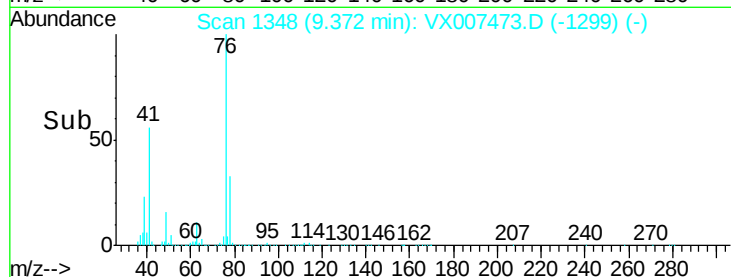
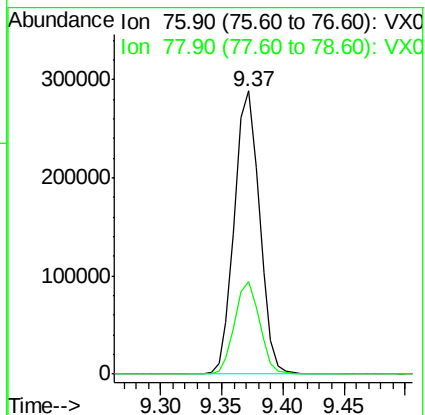
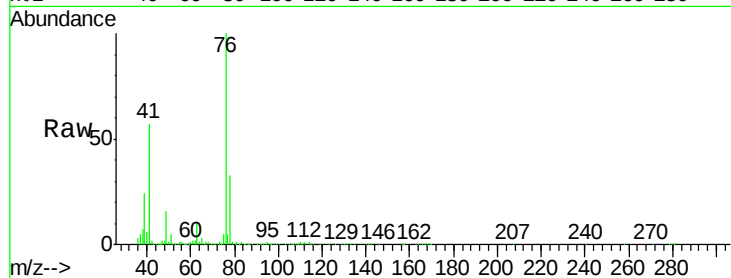
Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.8

Manual Integrations
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#59

2-Hexanone

Concen: 240.736 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VX007473.D

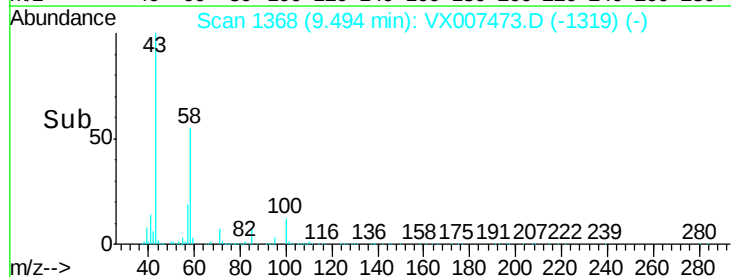
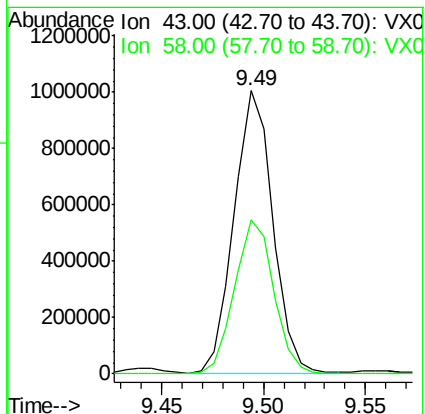
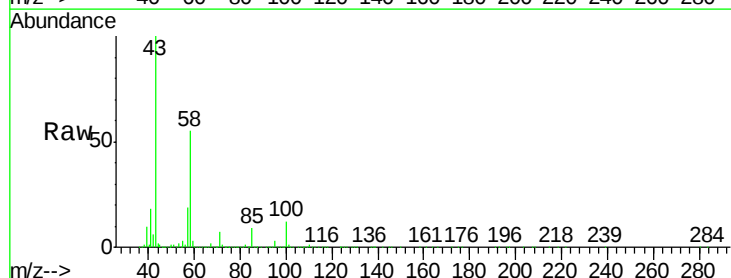
Acq: 11 Feb 2019 17:32

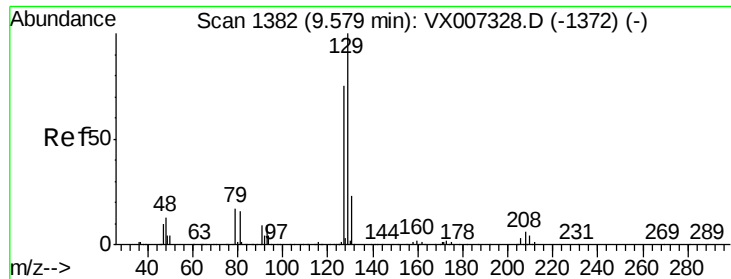
Tgt Ion: 43 Resp: 1318280

Ion Ratio Lower Upper

43 100

58 55.9 27.1 81.3





#60

Dibromochloromethane

Concen: 53.341 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX007473.D

Acq: 11 Feb 2019 17:32

Instrument :

MSVOA_X

ClientSampleId :

KY001MW020-190207MS

Tot Ion:129 Resp: 273812

Ion Ratio Lower Upper

129 100

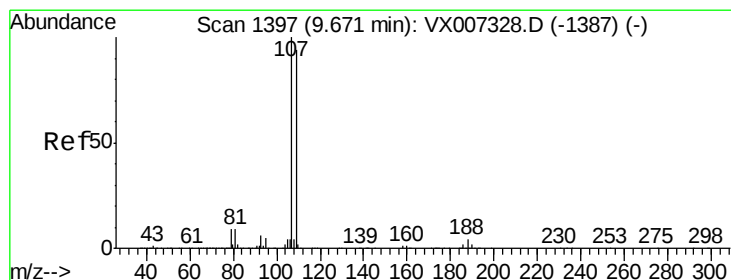
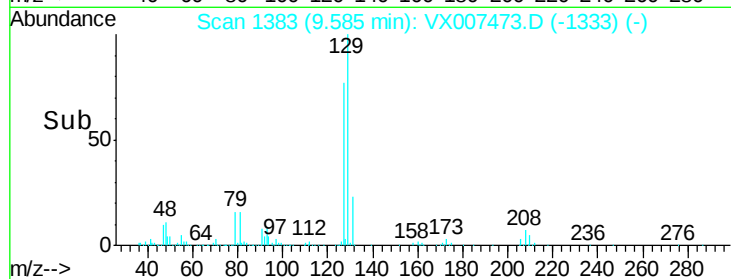
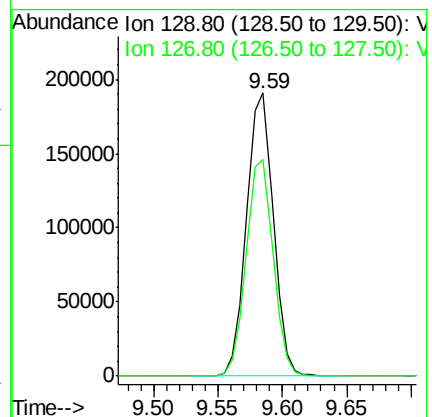
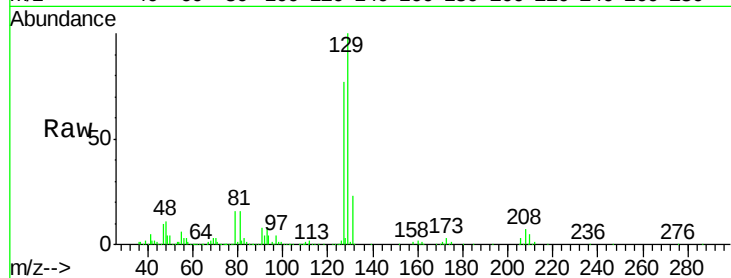
127 77.5 37.8 113.4

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#61

1,2-Dibromoethane

Concen: 48.335 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007473.D

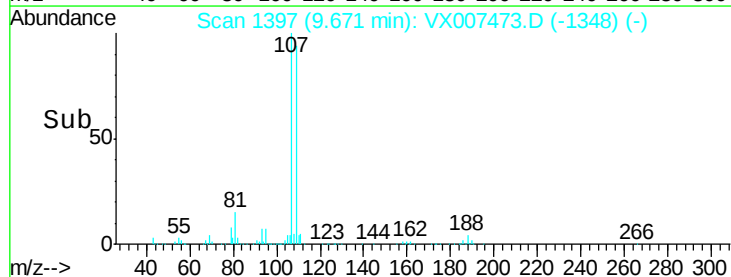
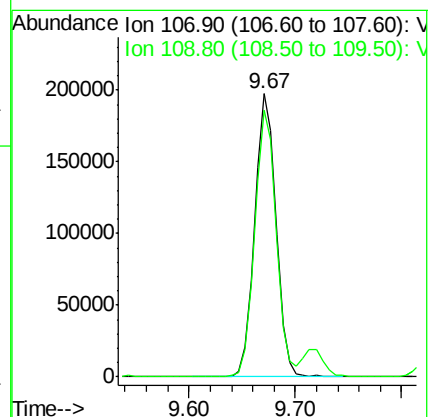
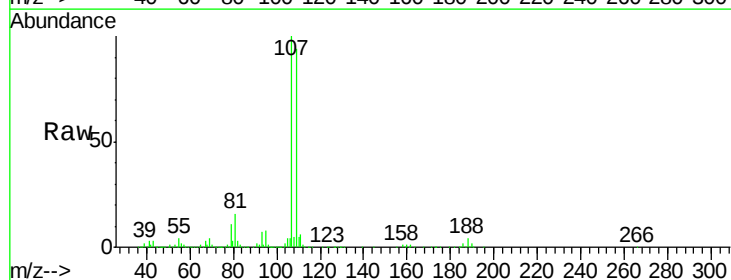
Acq: 11 Feb 2019 17:32

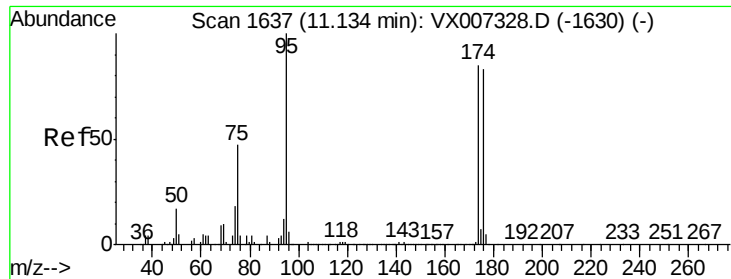
Tgt Ion:107 Resp: 277825

Ion Ratio Lower Upper

107 100

109 95.2 75.1 112.7





#62

4-Bromofluorobenzene

Concen: 49.848 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007473.D

Acq: 11 Feb 2019 17:32

Instrument :

MSVOA_X

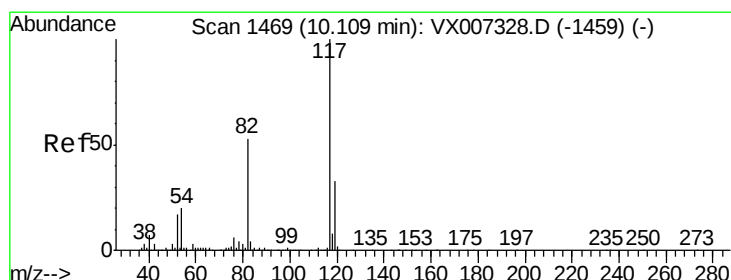
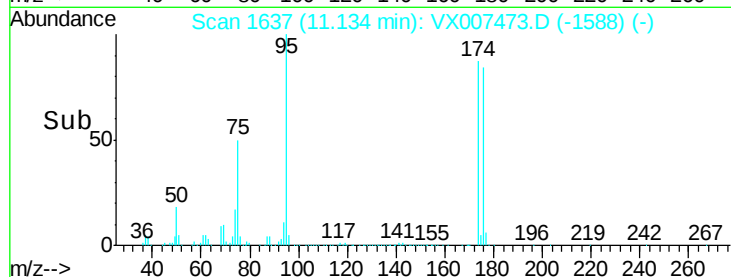
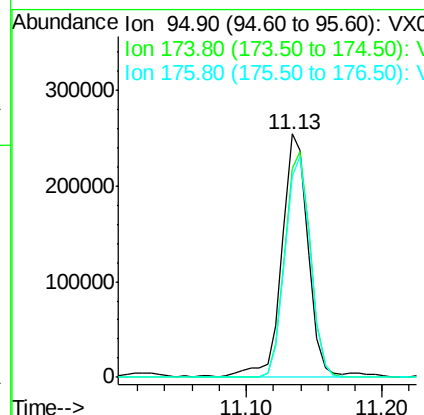
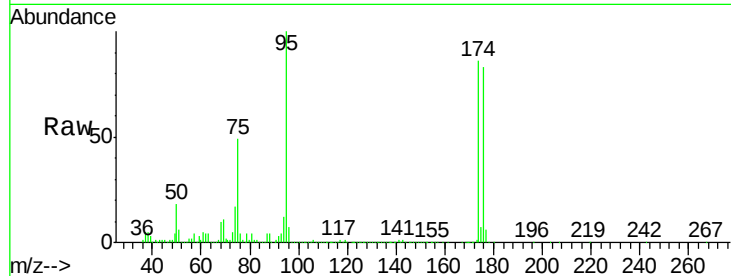
ClientSampleId :

KY001MW020-190207MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	335477		
174	91.7	0.0	189.2	
176	88.6	0.0	186.2	

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

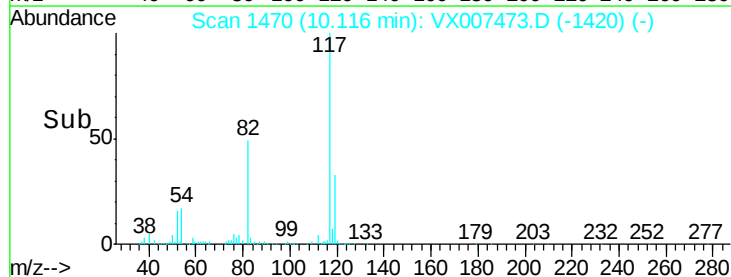
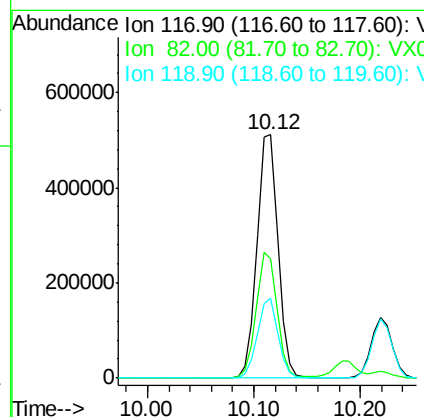
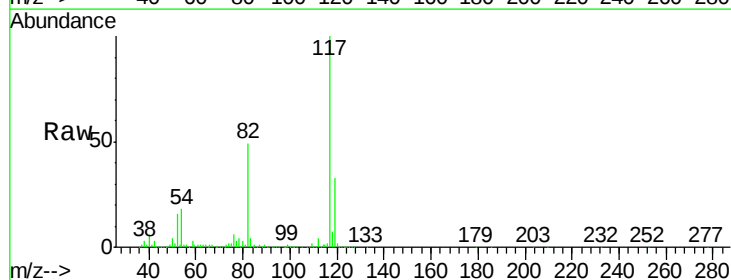
RT: 10.12 min Scan# 1470

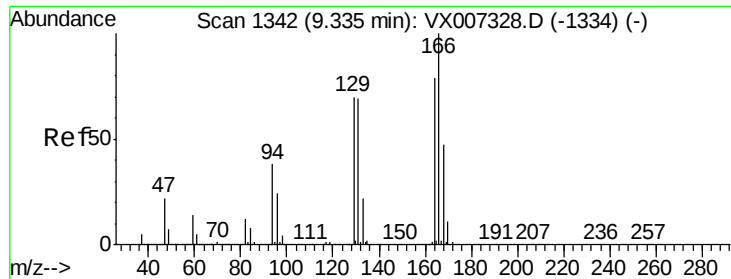
Delta R.T. 0.01 min

Lab File: VX007473.D

Acq: 11 Feb 2019 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	713731		
82	49.0	42.1	63.1	
119	32.7	26.5	39.7	





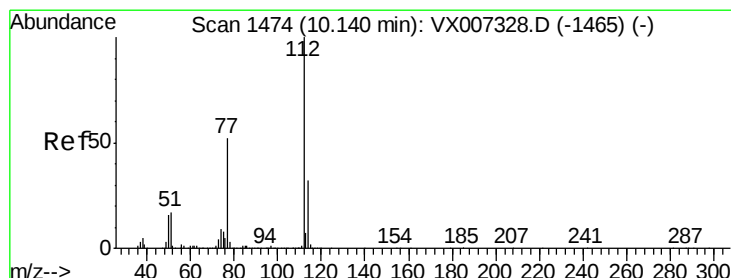
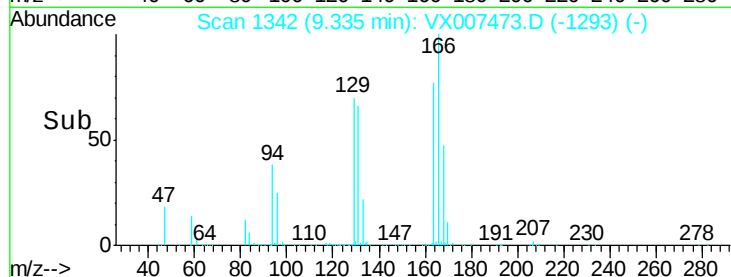
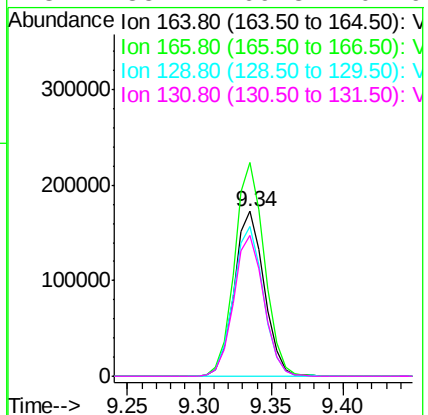
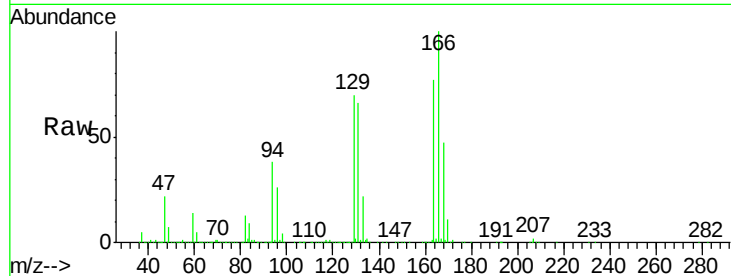
#64
Tetrachloroethene
Concen: 37.222 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007473.D
Acq: 11 Feb 2019 17:32

Instrument :
MSVOA_X
ClientSampleId :
KY001MW020-190207MS

Tot Ion	Ratio	Lower	Upper
164	100		
166	129.5	101.0	151.4
129	90.7	70.5	105.7
131	85.4	69.8	104.6

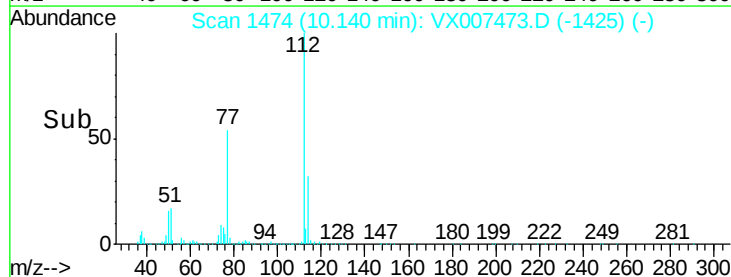
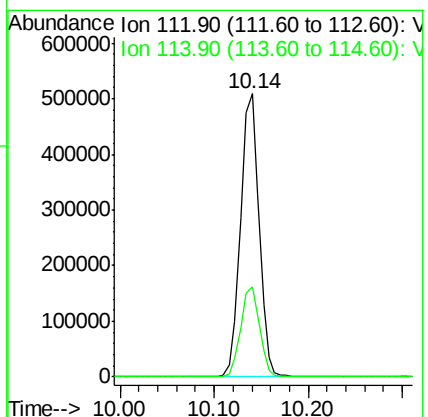
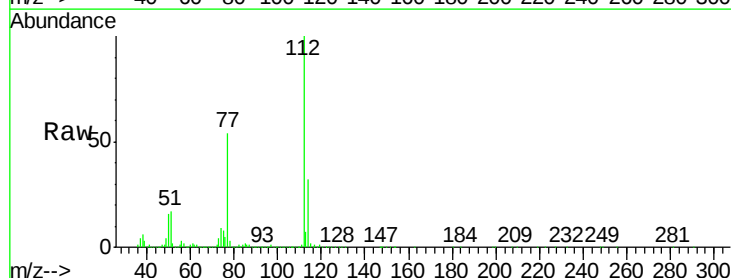
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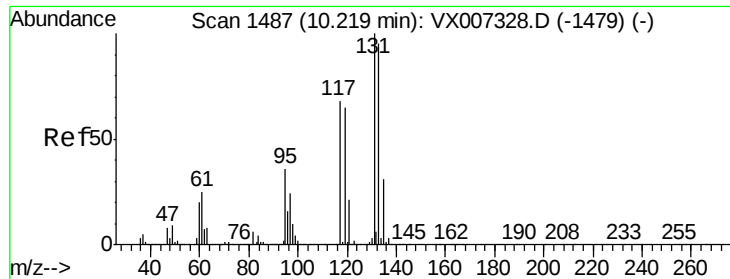
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#65
Chlorobenzene
Concen: 44.802 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007473.D
Acq: 11 Feb 2019 17:32

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.8	38.6





#66

1,1,1,2-Tetrachloroethane

Concen: 49.916 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007473.D

Acq: 11 Feb 2019 17:32

Instrument :

MSVOA_X

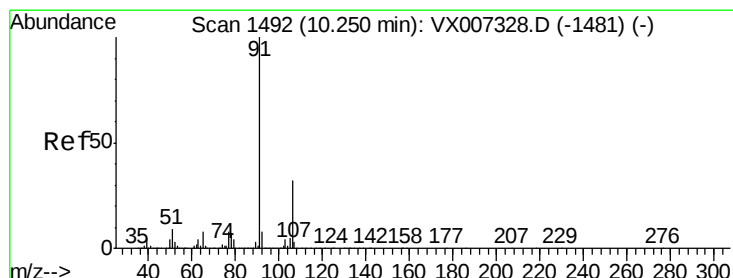
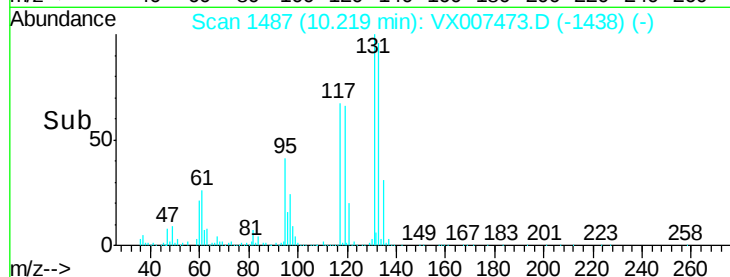
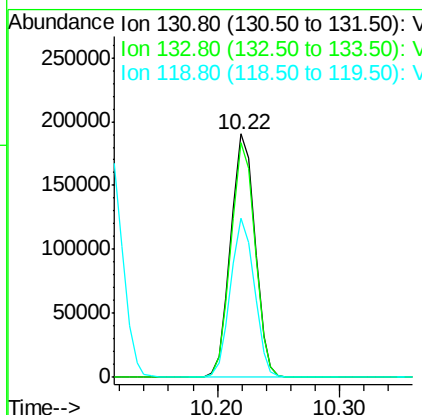
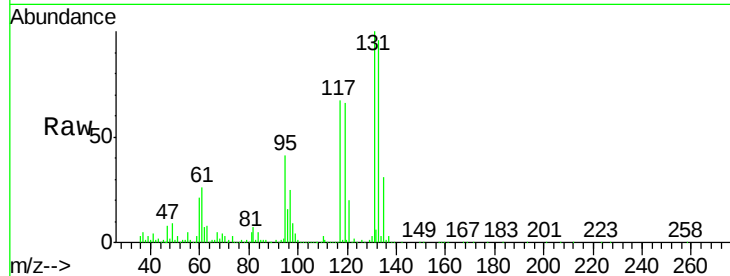
ClientSampleId :

KY001MW020-190207MS

Tot Ion:	131	Resp:	260654
Ion Ratio		Lower	Upper
131	100		
133	95.5	48.0	144.2
119	64.5	32.0	96.0

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#67

Ethyl Benzene

Concen: 54.446 ug/l

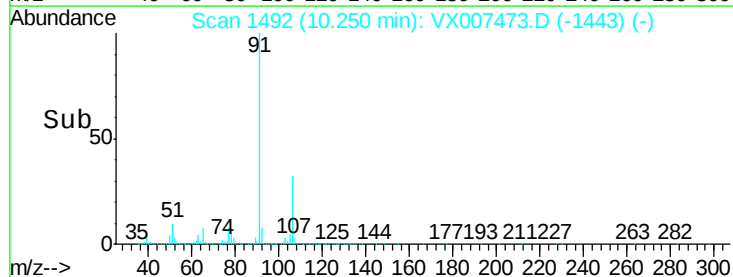
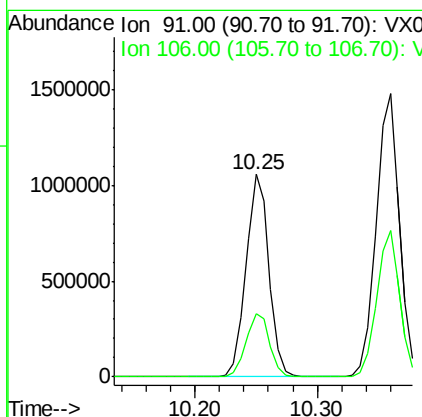
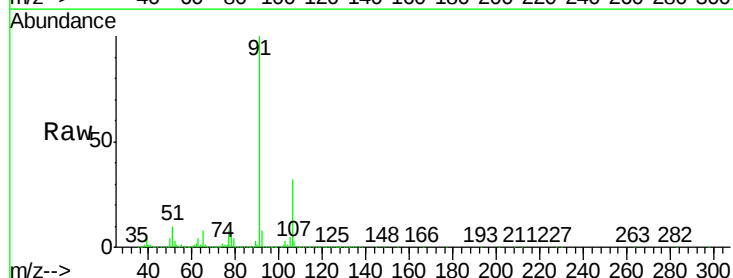
RT: 10.25 min Scan# 1492

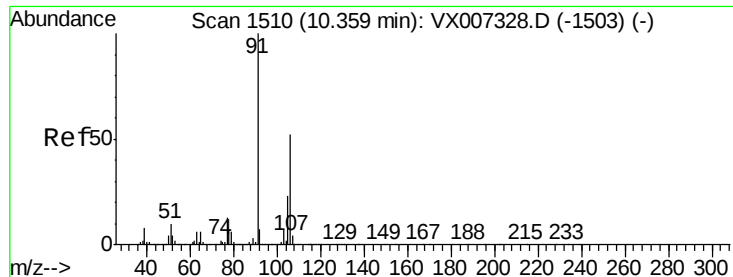
Delta R.T. 0.00 min

Lab File: VX007473.D

Acq: 11 Feb 2019 17:32

Tgt Ion:	91	Resp:	1365602
Ion Ratio		Lower	Upper
91	100		
106	31.6	25.4	38.0





#68

m/p-Xylenes

Concen: 100.497 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007473.D

Acq: 11 Feb 2019 17:32

Instrument :

MSVOA_X

ClientSampleId :

KY001MW020-190207MS

Tot Ion:106 Resp: 1001986

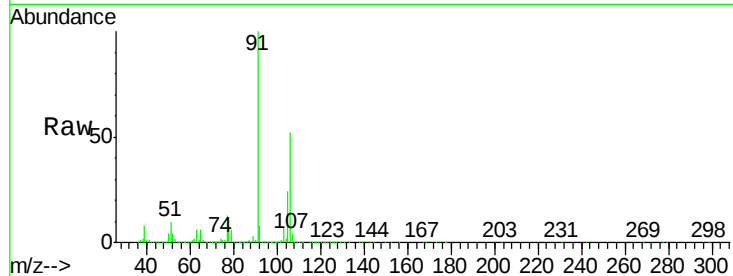
Ion Ratio Lower Upper

106 100

91 195.0 156.6 234.8

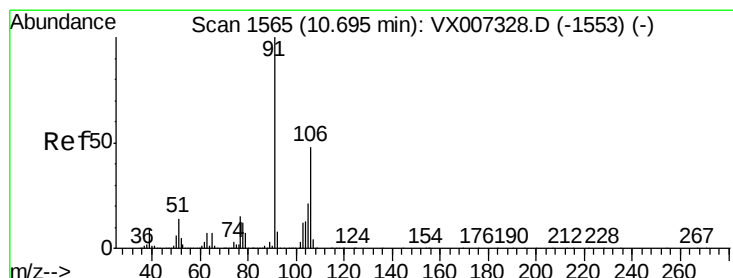
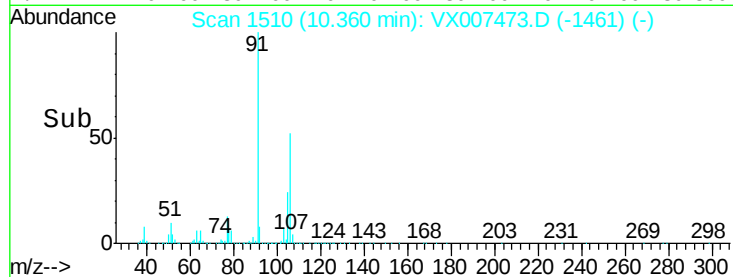
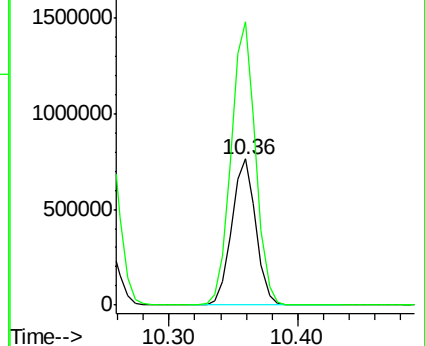
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 47.990 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. 0.01 min

Lab File: VX007473.D

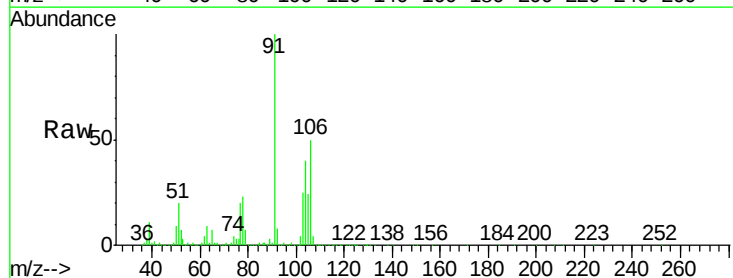
Acq: 11 Feb 2019 17:32

Tgt Ion:106 Resp: 460413

Ion Ratio Lower Upper

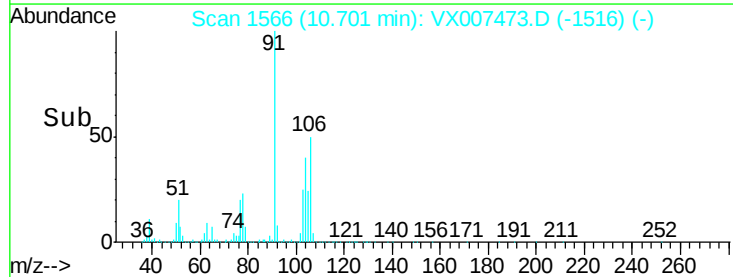
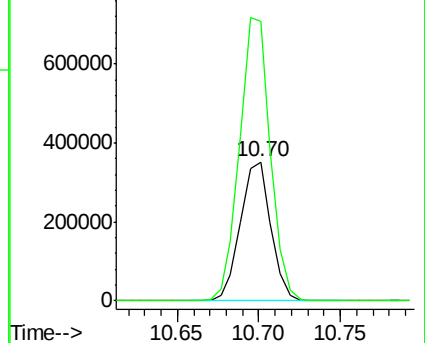
106 100

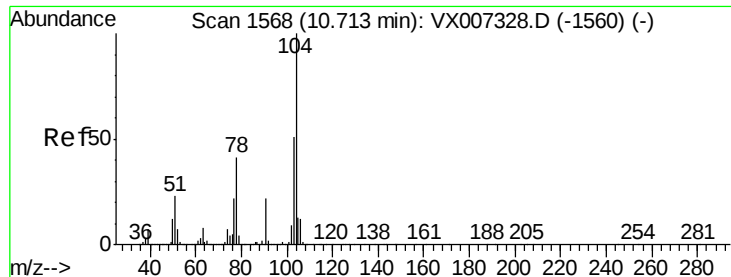
91 204.6 102.9 308.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#70

Stvrene

Concen: 47.173 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX007473.D

Acq: 11 Feb 2019 17:32

Instrument :

MSVOA_X

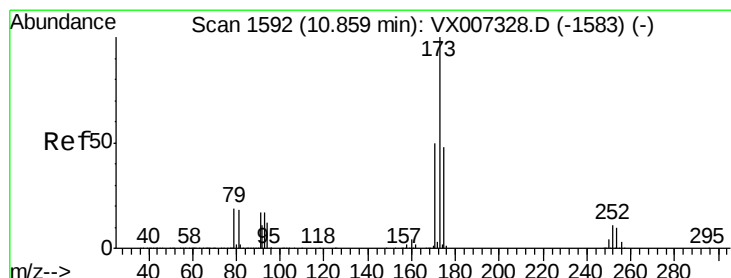
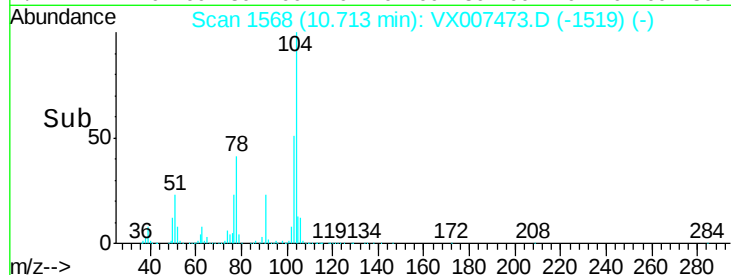
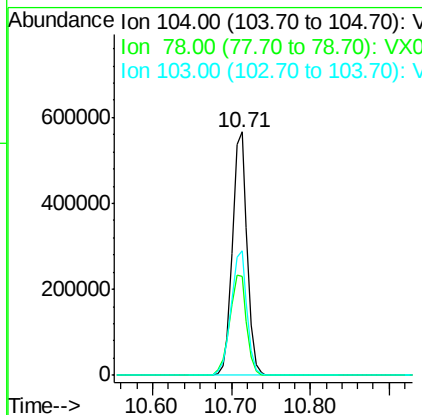
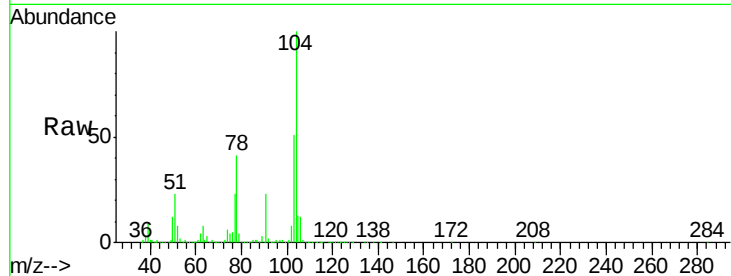
ClientSampleId :

KY001MW020-190207MS

Tot Ion:	104	Resp:	733968
Ion Ratio	Lower	Upper	
104	100		
78	47.0	38.3	57.5
103	55.5	44.6	67.0

Manual Integrations
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#71

Bromoform

Concen: 46.103 ug/l

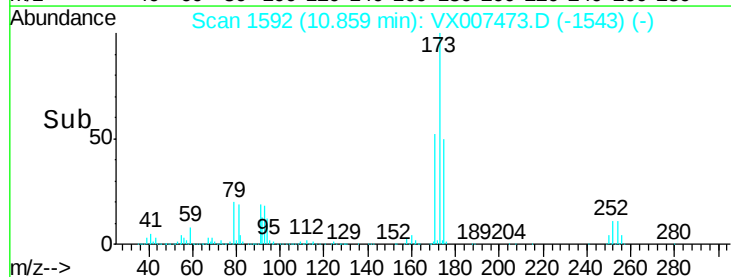
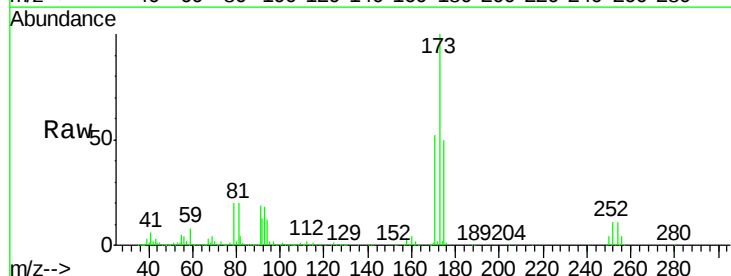
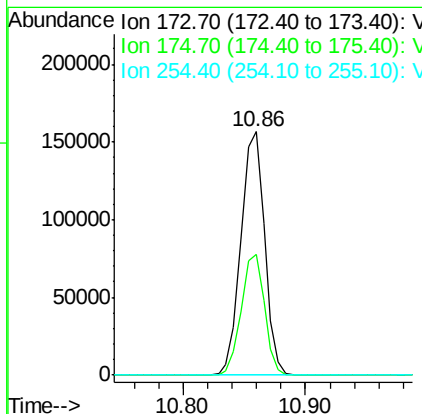
RT: 10.86 min Scan# 1592

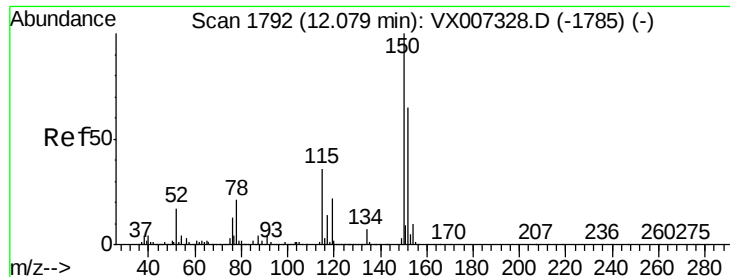
Delta R.T. 0.00 min

Lab File: VX007473.D

Acq: 11 Feb 2019 17:32

Tgt Ion:	173	Resp:	209583
Ion Ratio	Lower	Upper	
173	100		
175	49.0	24.2	72.6
254	0.2	0.2	0.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007473.D

Acq: 11 Feb 2019 17:32

Instrument :

MSVOA_X

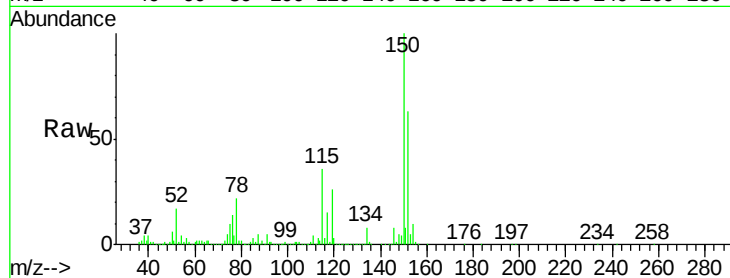
ClientSampleId :

KY001MW020-190207MS

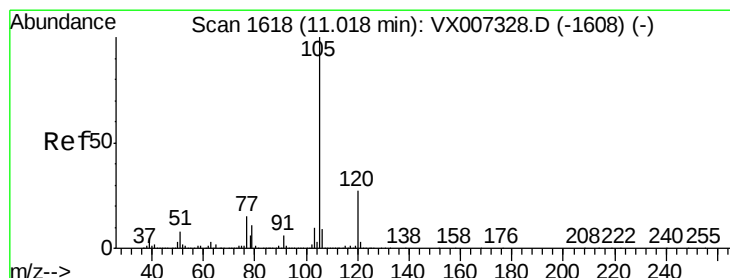
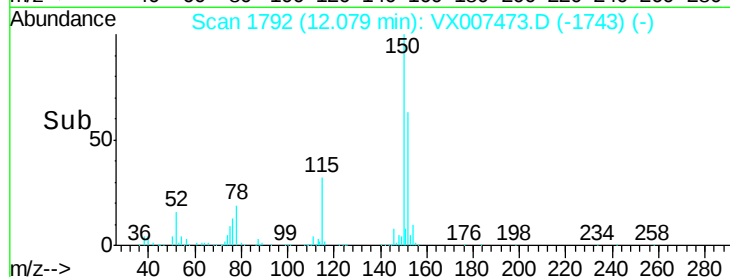
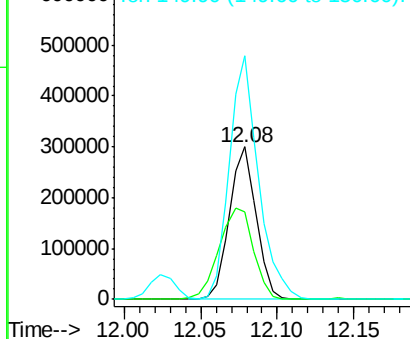
Tot Ion:	152	Resp:	363181
Ion Ratio	Lower	Upper	
152	100		
115	77.7	38.0	114.0
150	173.9	0.0	346.4

Manual Integrations
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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 230.658 ug/l

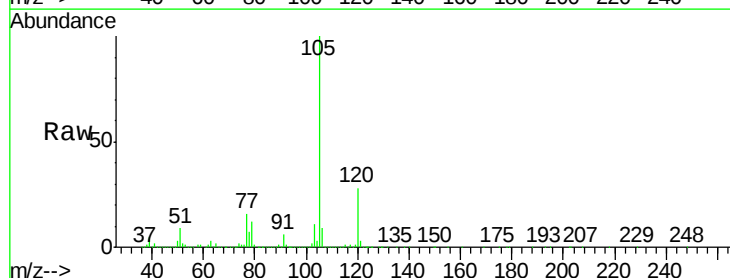
RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

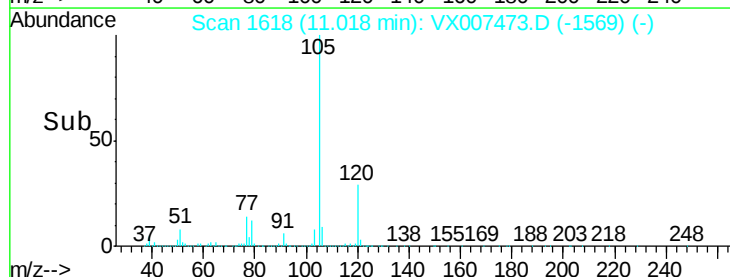
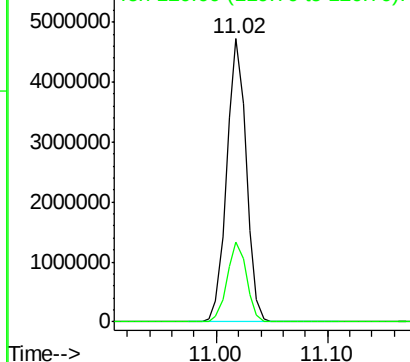
Lab File: VX007473.D

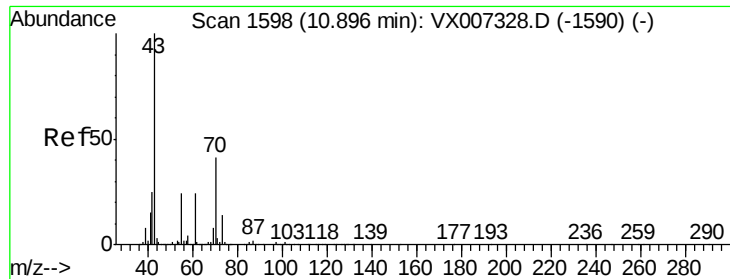
Acq: 11 Feb 2019 17:32

Tgt Ion:	105	Resp:	5692663
Ion Ratio	Lower	Upper	
105	100		
120	27.9	13.6	40.7



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





#74

N-amvl acetate

Concen: 47.570 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007473.D

Acq: 11 Feb 2019 17:32

Instrument :

MSVOA_X

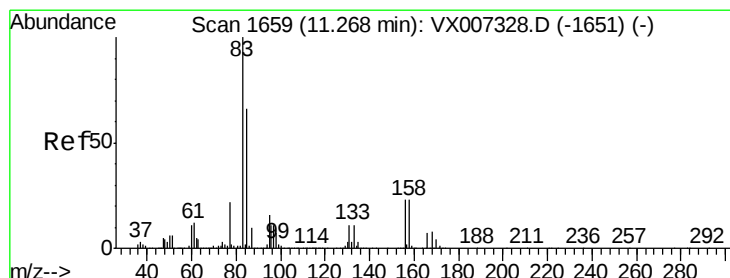
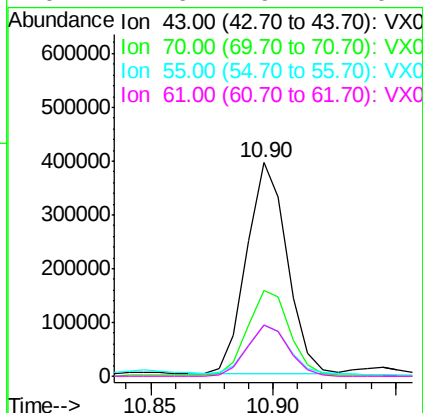
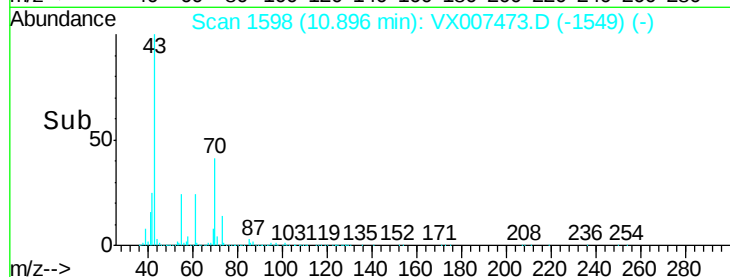
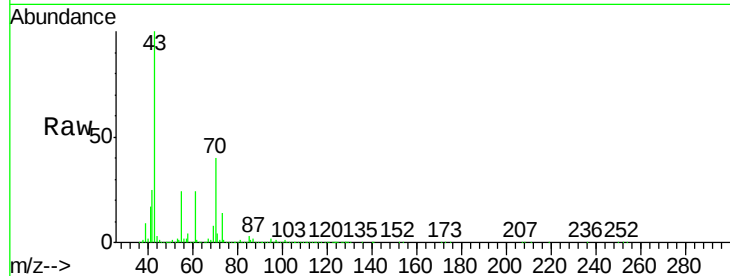
ClientSampleId :

KY001MW020-190207MS

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	43.7	33.8	50.6	
55	24.6	19.5	29.3	
61	24.6	19.4	29.2	

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 49.905 ug/l

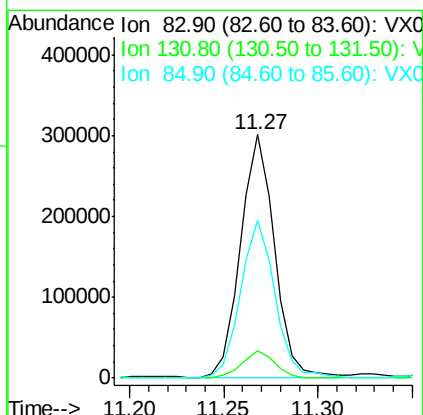
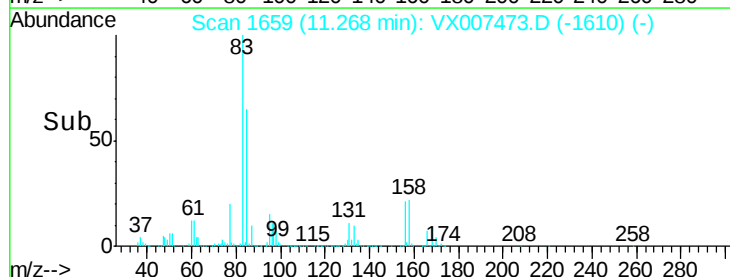
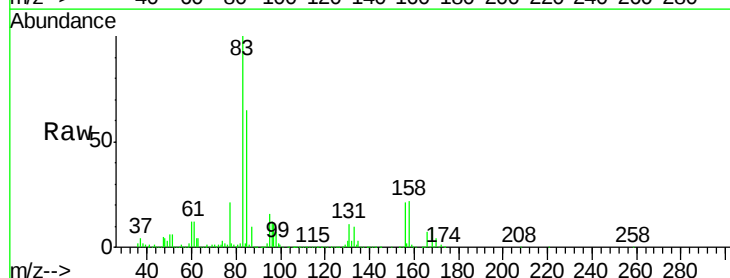
RT: 11.27 min Scan# 1659

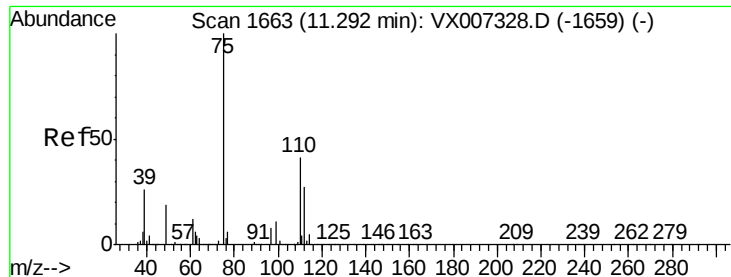
Delta R.T. 0.00 min

Lab File: VX007473.D

Acq: 11 Feb 2019 17:32

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	11.0	5.7	17.0	
85	66.0	32.8	98.3	





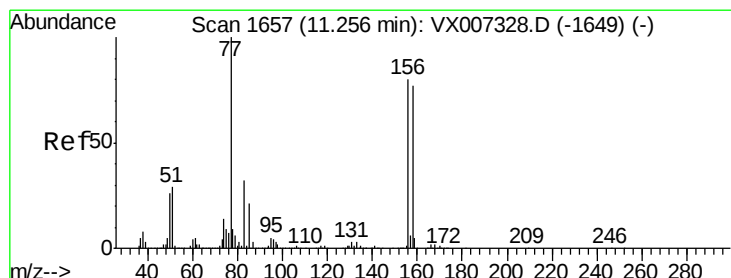
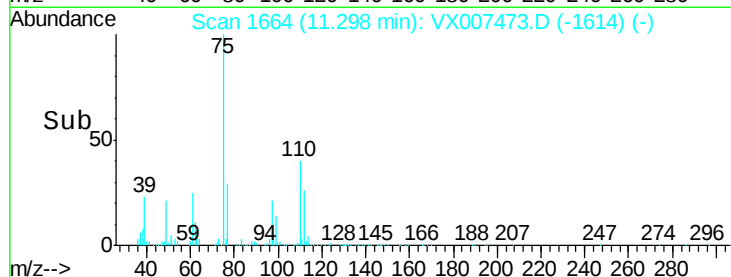
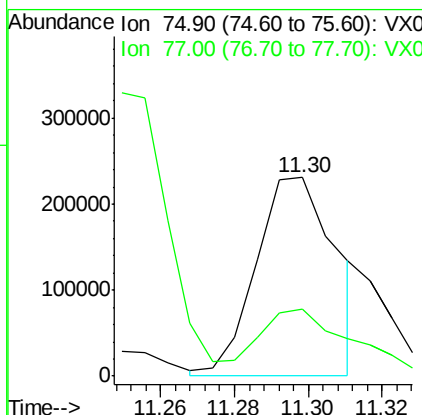
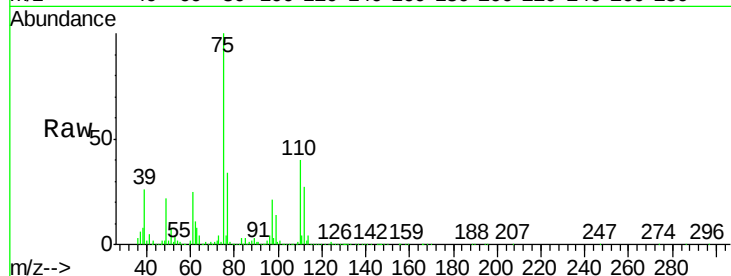
#76
 1,2,3-Trichloropropane
 Concen: 49.020 ug/l m
 RT: 11.30 min Scan# 1664
 Delta R.T. 0.01 min
 Lab File: VX007473.D
 Acq: 11 Feb 2019 17:32

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW020-190207MS

Tot Ion: 75 Resp: 346292
 Ion Ratio Lower Upper
 75 100
 77 40.1 23.0 69.0

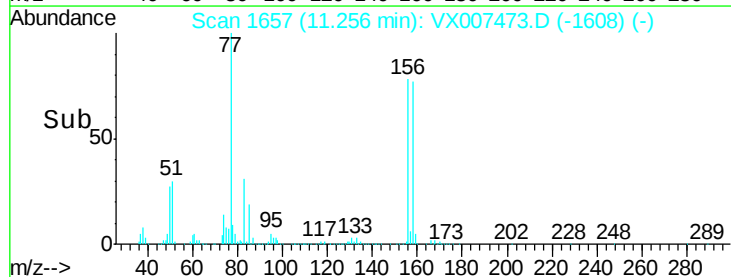
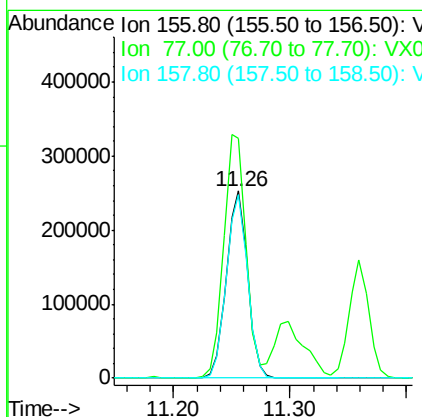
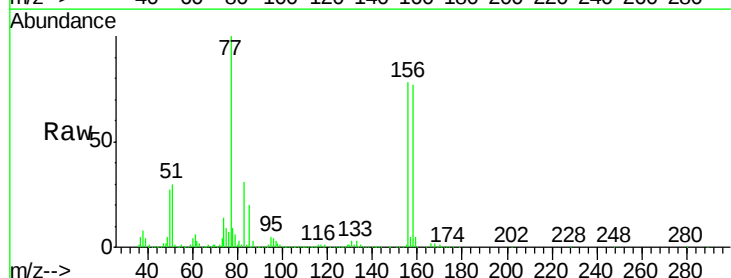
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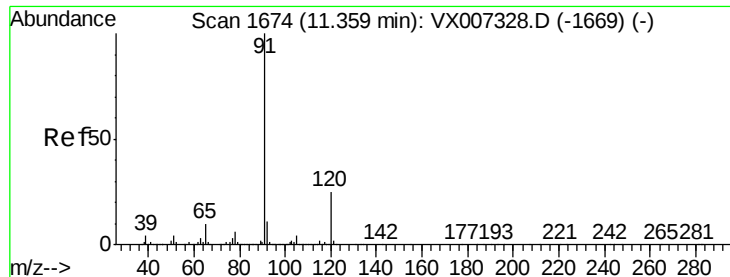
MMDadoda
 2/12/2019 12:15:52 PM



#77
 Bromobenzene
 Concen: 45.830 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: VX007473.D
 Acq: 11 Feb 2019 17:32

Tgt Ion: 156 Resp: 318692
 Ion Ratio Lower Upper
 156 100
 77 135.3 66.8 200.6
 158 98.1 47.9 143.8





#78

n-propylbenzene

Concen: 172.988 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007473.D

Acq: 11 Feb 2019 17:32

Instrument :

MSVOA_X

ClientSampleId :

KY001MW020-190207MS

Tot Ion: 91 Resp: 4681630

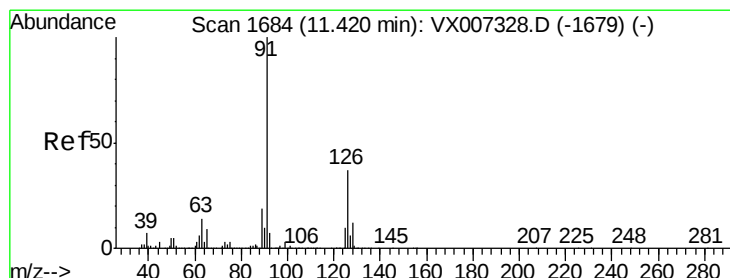
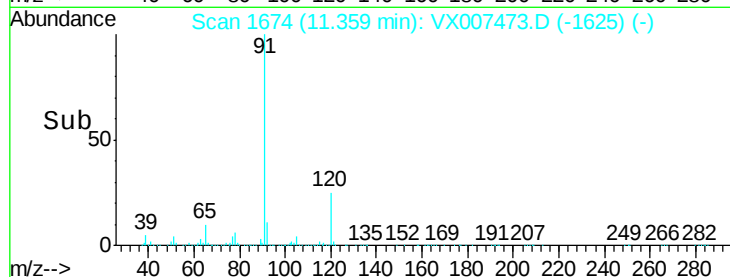
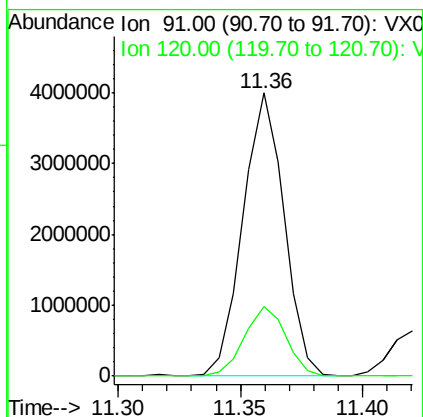
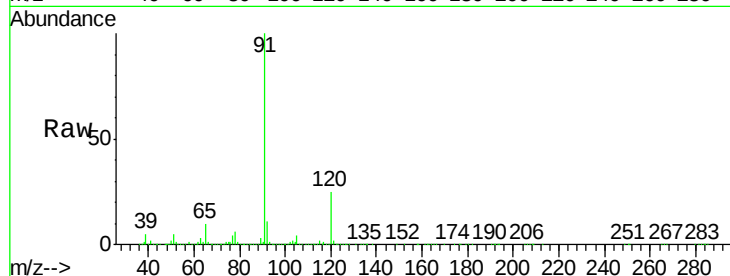
Ion Ratio Lower Upper

91 100

120 24.8 12.4 37.2

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#79

2-Chlorotoluene

Concen: 47.862 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007473.D

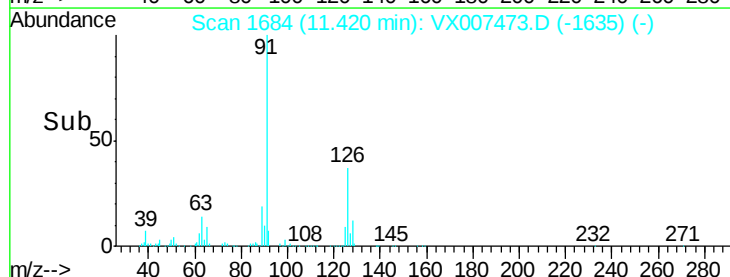
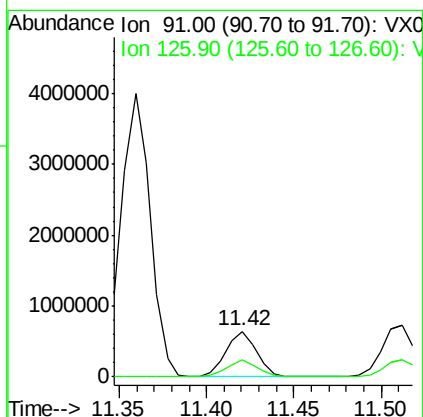
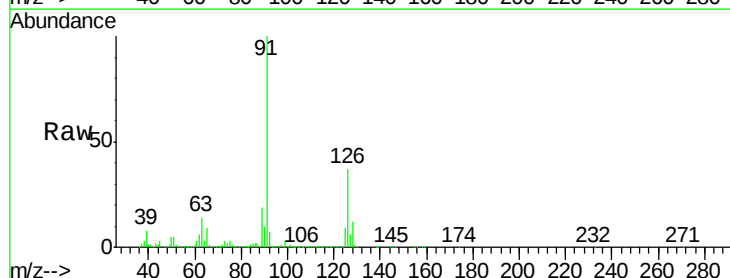
Acq: 11 Feb 2019 17:32

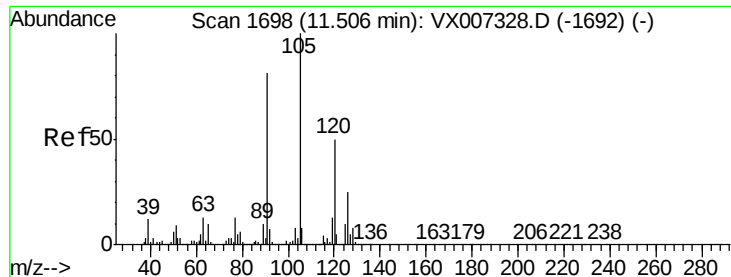
Tgt Ion: 91 Resp: 785958

Ion Ratio Lower Upper

91 100

126 37.3 18.7 56.1





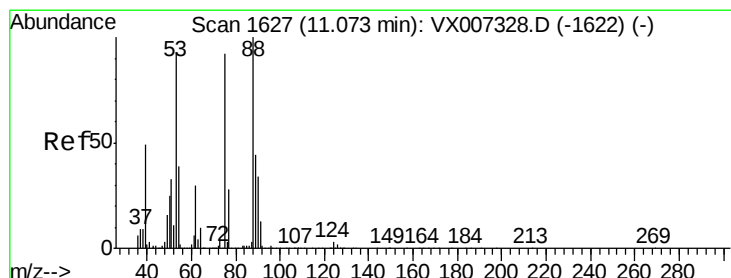
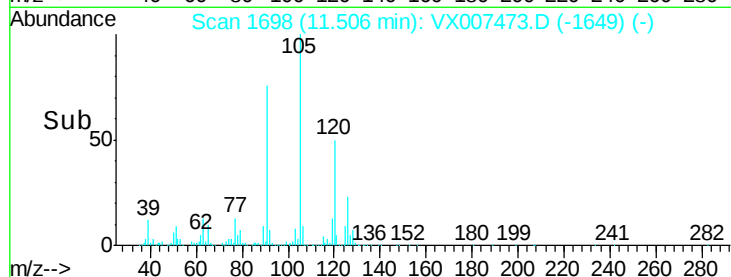
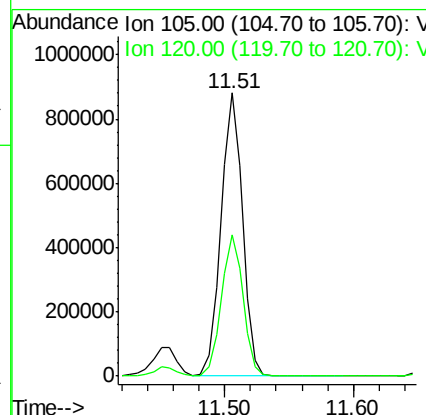
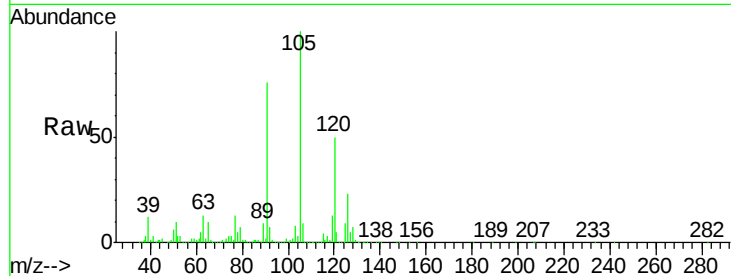
#80
 1,3,5-Trimethylbenzene
 Concen: 51.457 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX007473.D
 Acq: 11 Feb 2019 17:32

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW020-190207MS

Tot Ion: 105 Resp: 1038991
 Ion Ratio Lower Upper
 105 100
 120 50.3 25.3 75.8

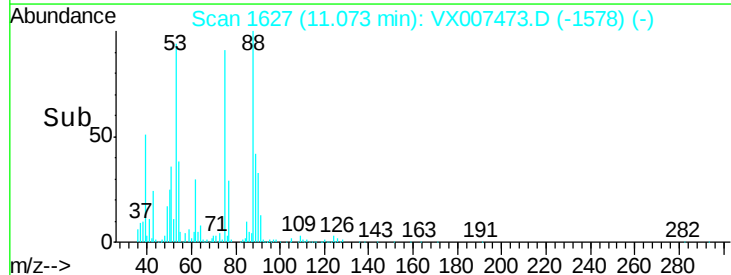
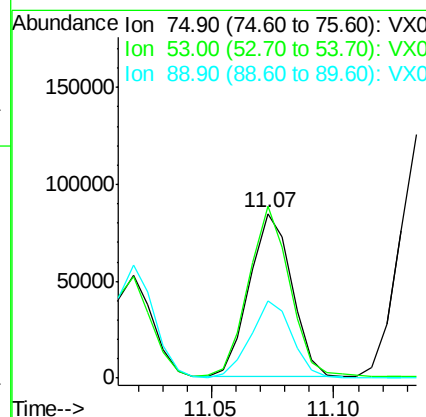
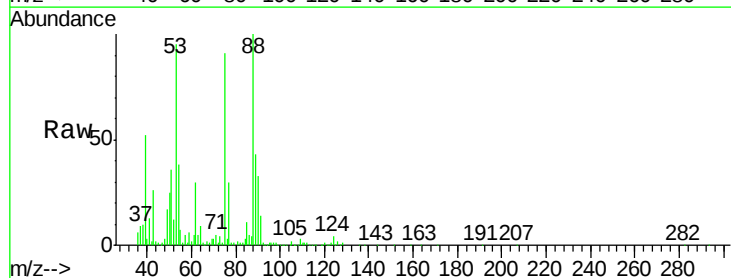
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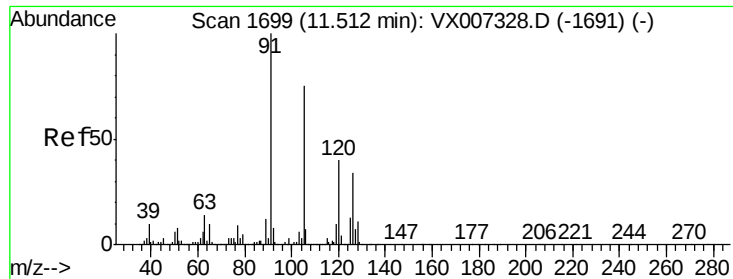
MMDadoda
 2/12/2019 12:15:52 PM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 45.222 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX007473.D
 Acq: 11 Feb 2019 17:32

Tgt Ion: 75 Resp: 102347
 Ion Ratio Lower Upper
 75 100
 53 101.4 81.0 121.6
 89 47.1 41.4 62.0





#82

4-Chlorotoluene

Concen: 48.266 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007473.D

Acq: 11 Feb 2019 17:32

Instrument :

MSVOA_X

ClientSampleId :

KY001MW020-190207MS

Tot Ion: 91 Resp: 917117

Ion Ratio Lower Upper

91 100

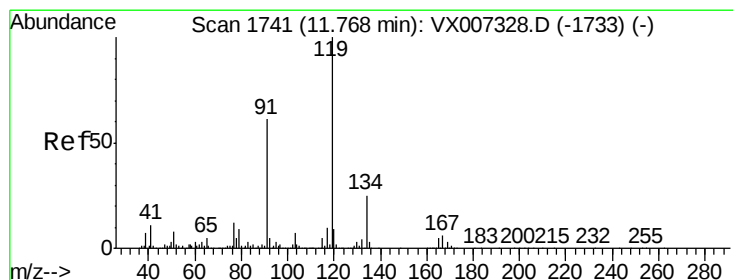
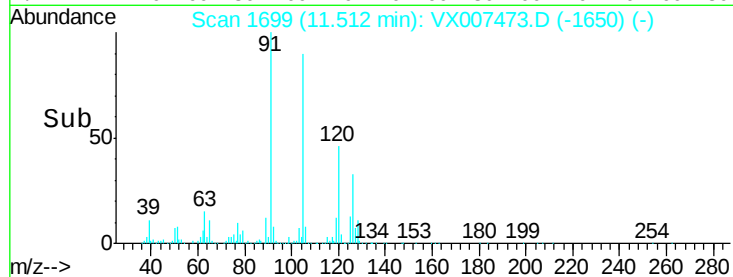
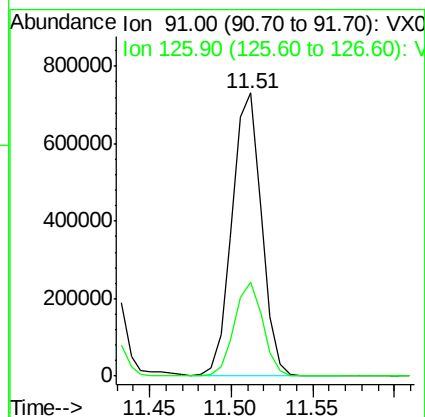
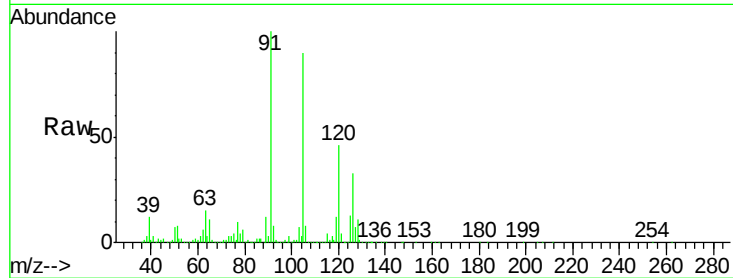
126 31.9 16.2 48.5

Manual Integrations

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#83

tert-Butylbenzene

Concen: 55.619 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007473.D

Acq: 11 Feb 2019 17:32

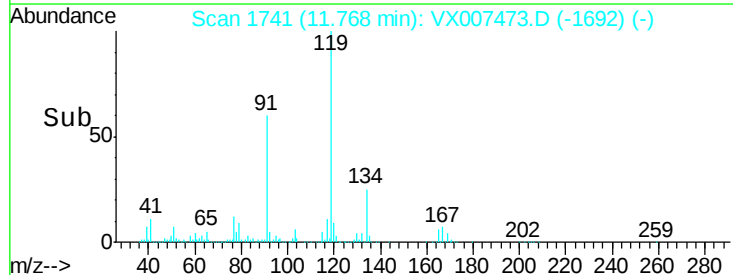
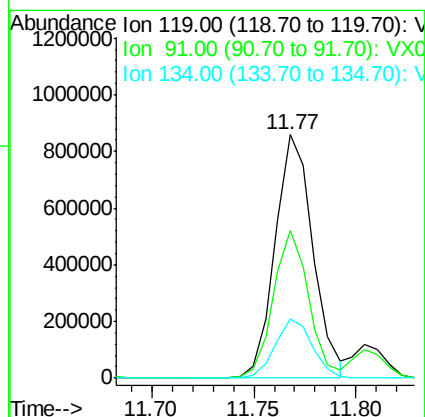
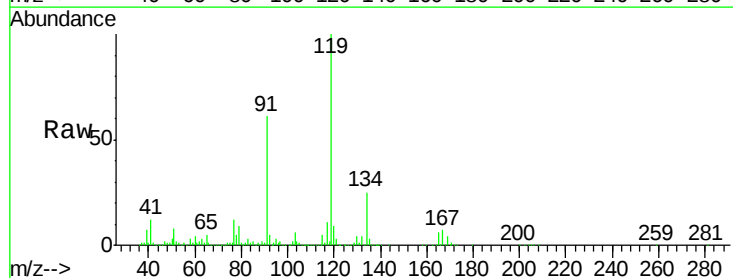
Tgt Ion: 119 Resp: 1111866

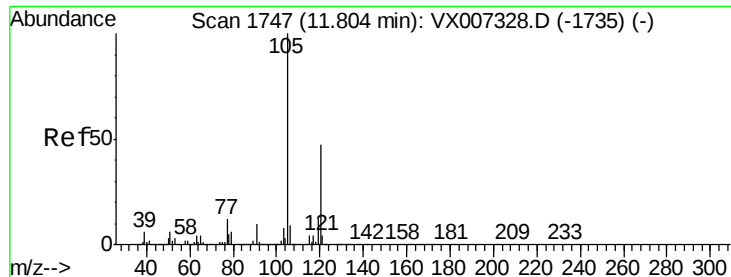
Ion Ratio Lower Upper

119 100

91 56.5 28.5 85.6

134 23.9 12.0 36.0





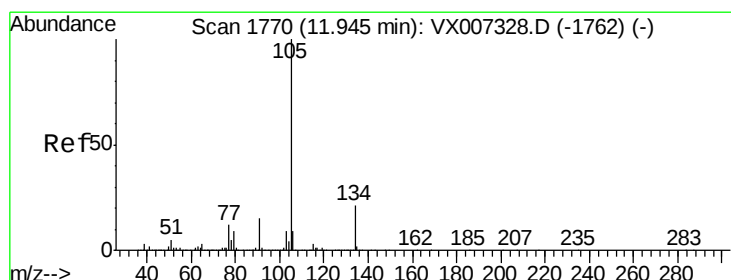
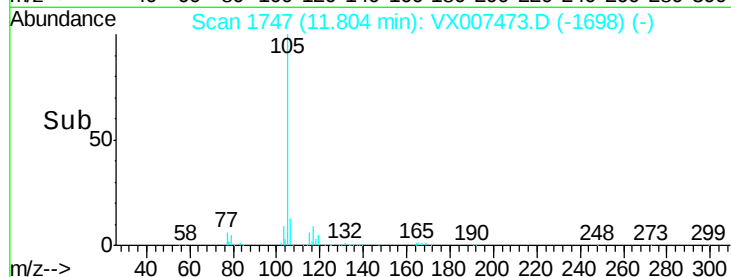
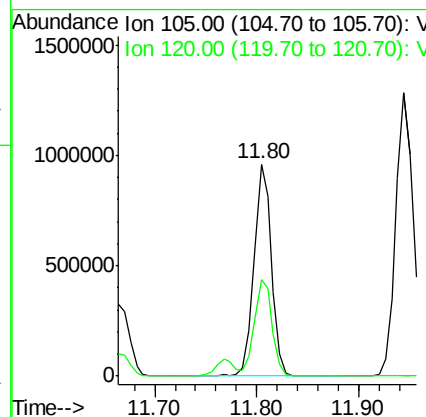
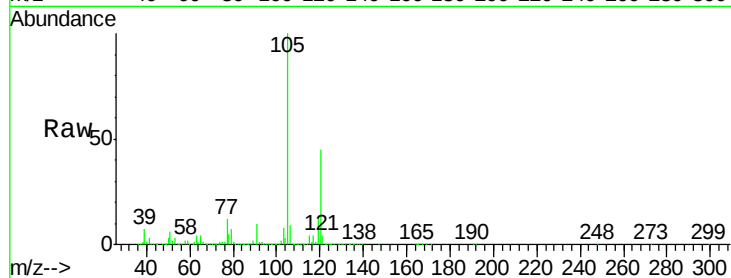
#84
 1,2,4-Trimethylbenzene
 Concen: 55.962 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX007473.D
 Acq: 11 Feb 2019 17:32

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW020-190207MS

Tot Ion:105 Resp: 1147159
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.1 69.3

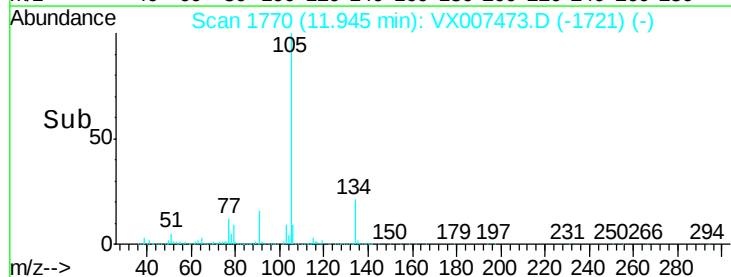
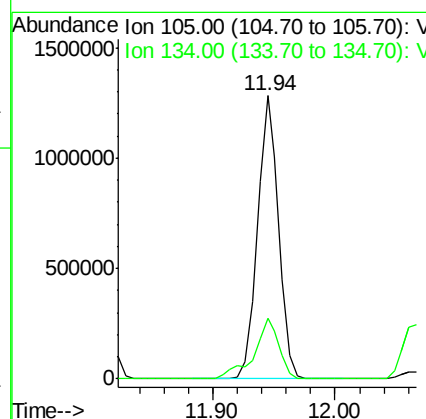
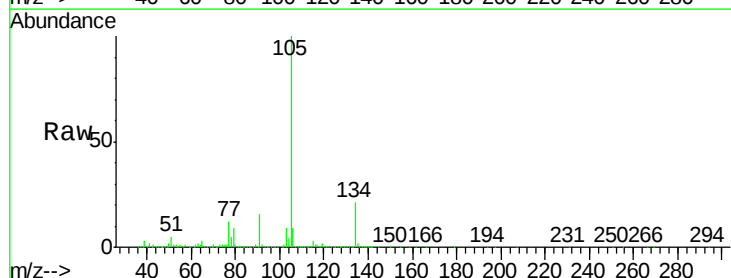
Manual Integrations
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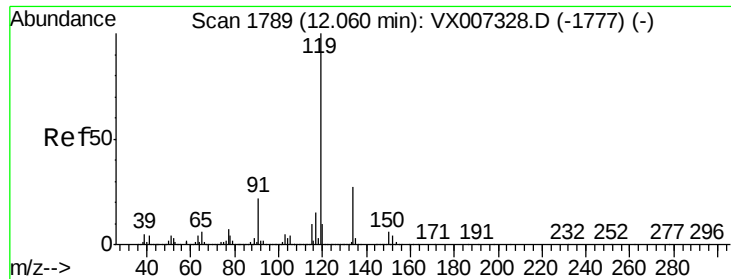
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#85
 sec-Butylbenzene
 Concen: 63.450 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX007473.D
 Acq: 11 Feb 2019 17:32

Tgt Ion:105 Resp: 1535177
 Ion Ratio Lower Upper
 105 100
 134 25.6 10.6 31.8





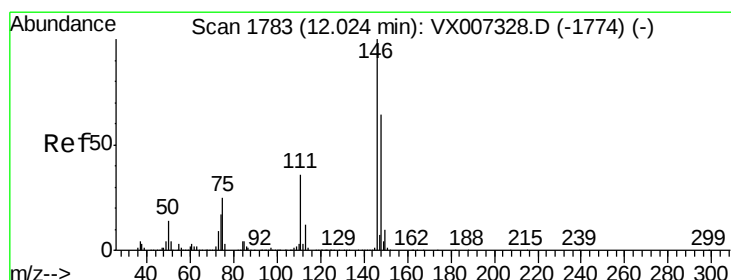
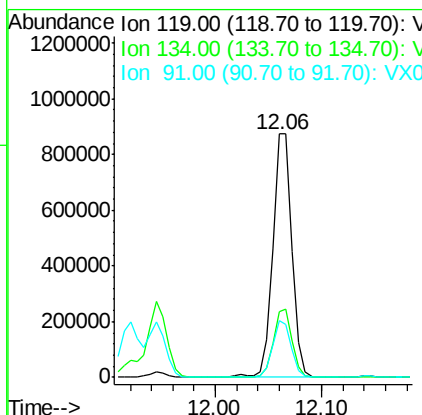
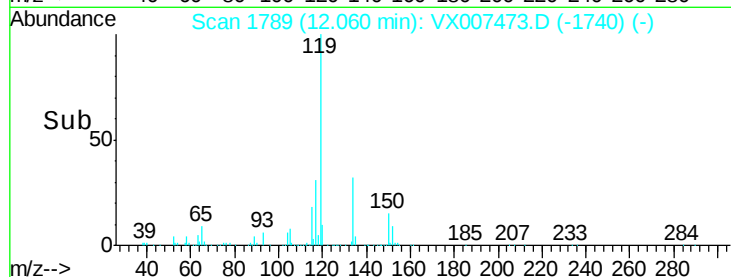
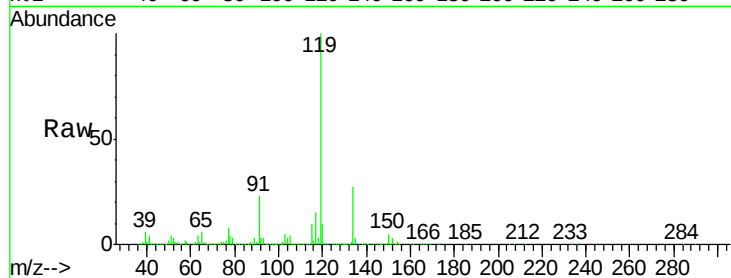
#86
 p-Isopropyltoluene
 Concen: 50.230 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX007473.D
 Acq: 11 Feb 2019 17:32

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW020-190207MS

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.7	13.7	41.1
91	22.8	11.2	33.5

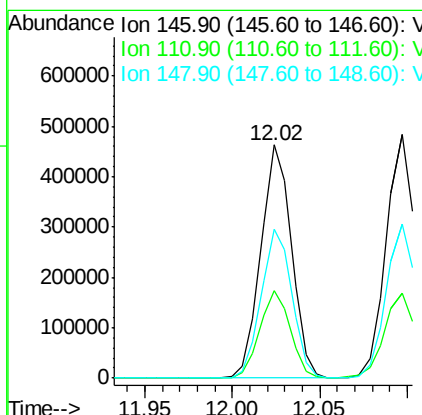
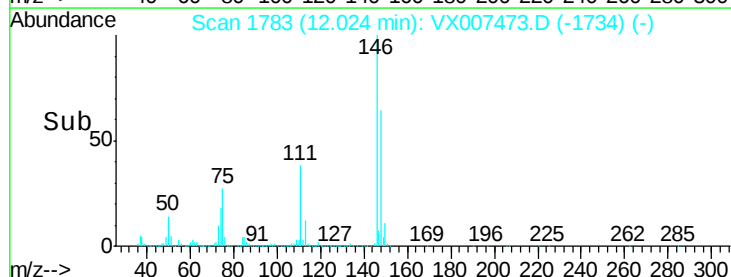
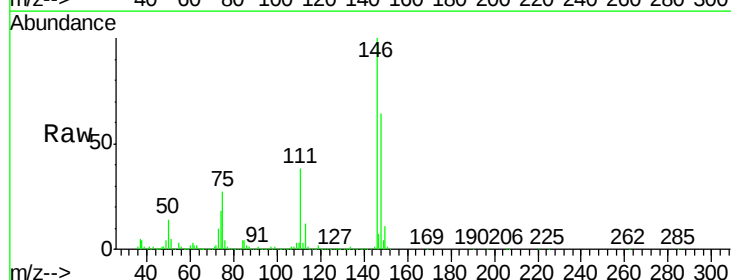
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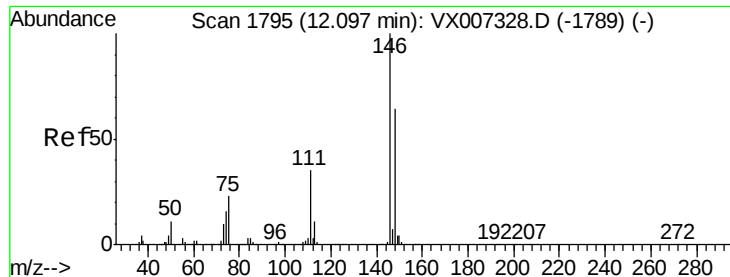
MMDadoda
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#87
 1,3-Dichlorobenzene
 Concen: 45.428 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007473.D
 Acq: 11 Feb 2019 17:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.1	54.1
148	63.9	32.0	96.2





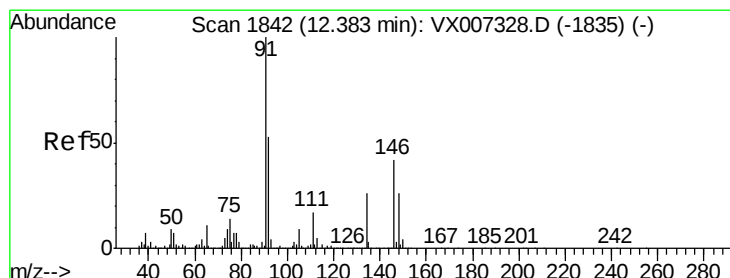
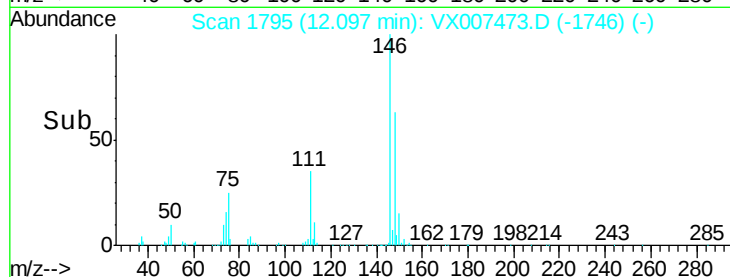
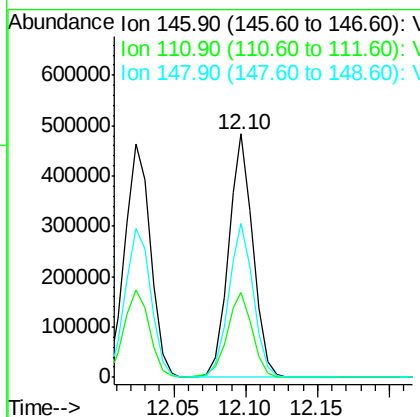
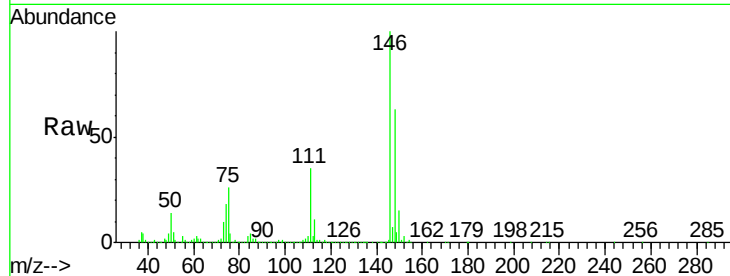
#88
 1,4-Dichlorobenzene
 Concen: 45.084 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007473.D
 Acq: 11 Feb 2019 17:32

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW020-190207MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.1	54.1
148	64.1	32.3	96.9

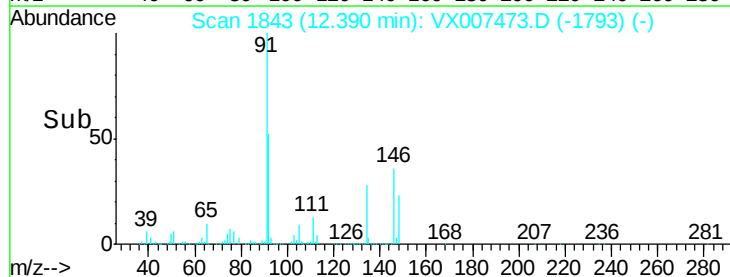
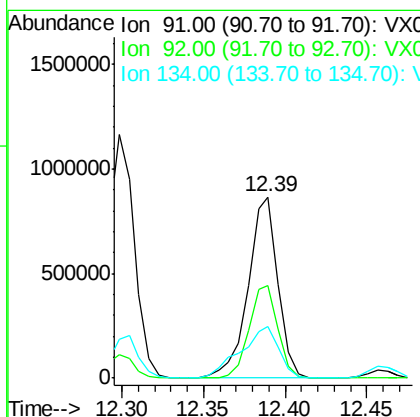
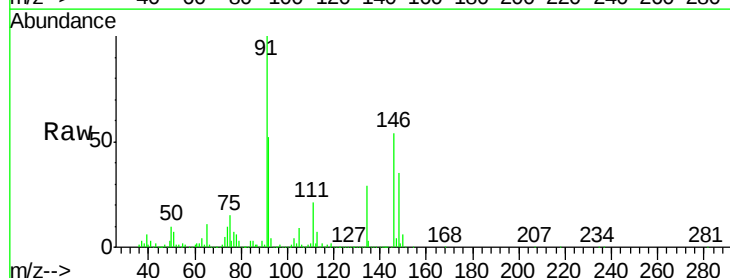
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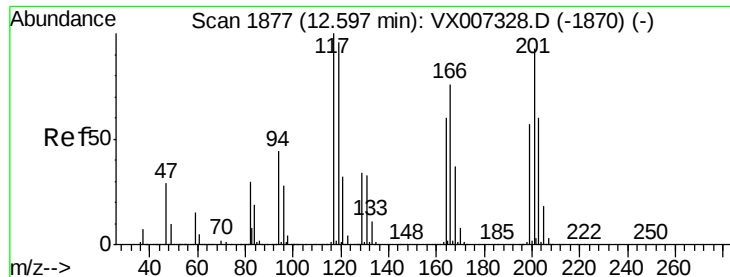
MMDadoda
 2/12/2019 12:15:52 PM



#89
 n-Butylbenzene
 Concen: 58.693 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: VX007473.D
 Acq: 11 Feb 2019 17:32

Tgt Ion	Ratio	Lower	Upper
91	100		
92	49.3	26.3	78.9
134	36.6	13.9	41.6





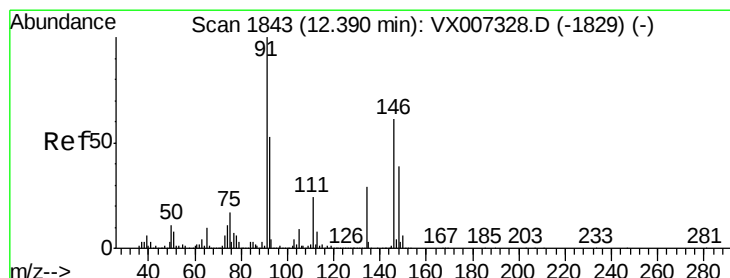
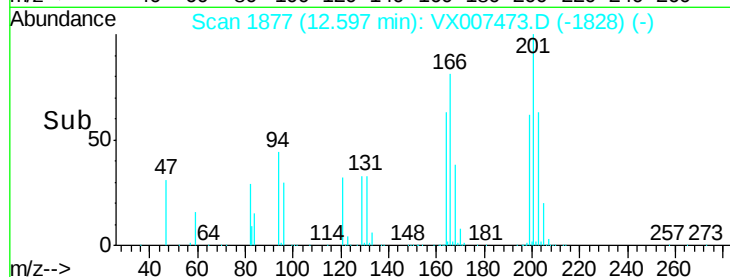
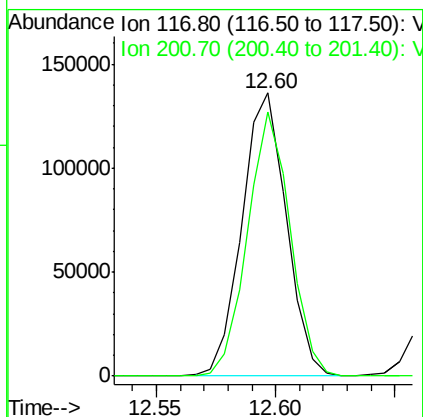
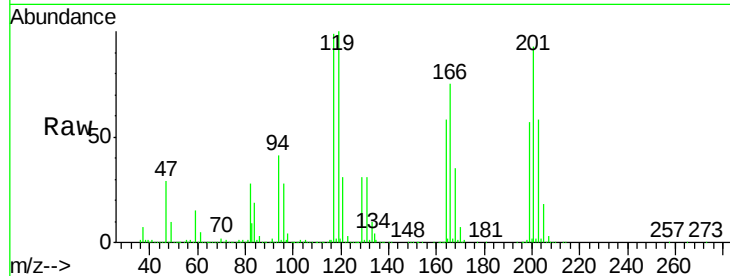
#90
Hexachloroethane
Concen: 53.924 ug/l m
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007473.D
Acq: 11 Feb 2019 17:32

Instrument :
MSVOA_X
ClientSampleId :
KY001MW020-190207MS

Tot Ion	Ratio	Lower	Upper
117	100		
201	0.0	44.9	134.7#

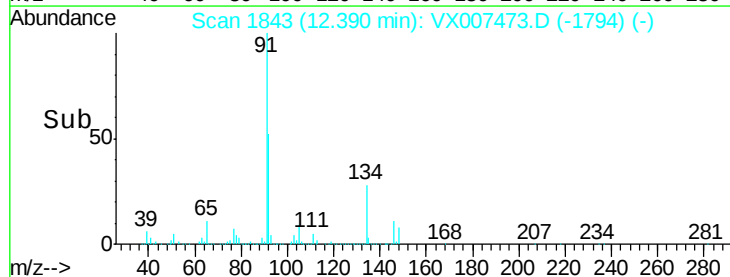
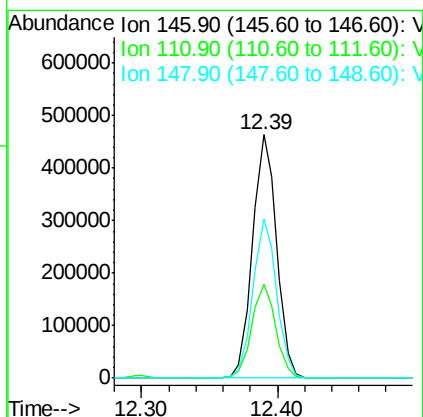
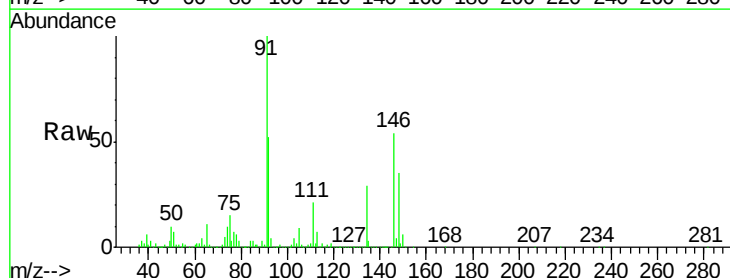
Manual Integrations
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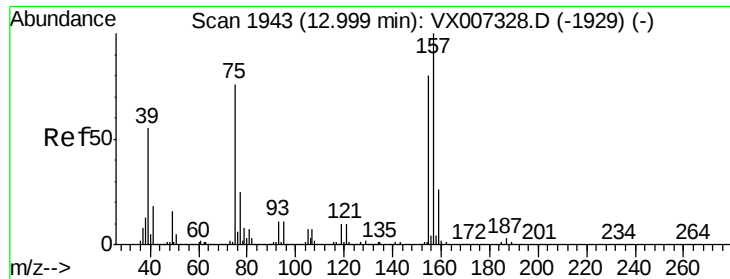
MMDadoda
2/12/2019 12:15:52 PM



#91
1,2-Dichlorobenzene
Concen: 46.418 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX007473.D
Acq: 11 Feb 2019 17:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.1	57.3
148	64.5	32.1	96.3





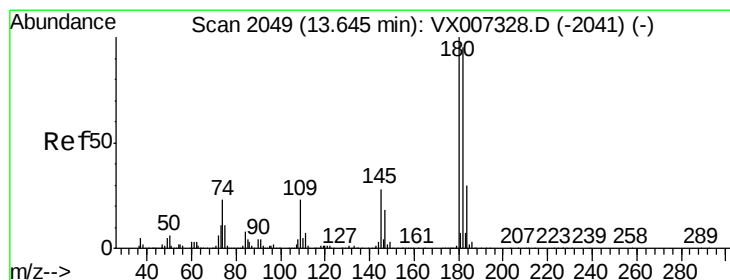
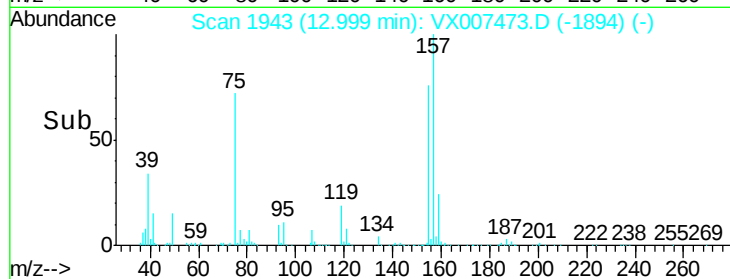
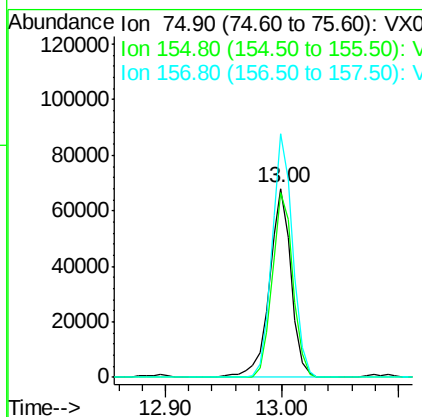
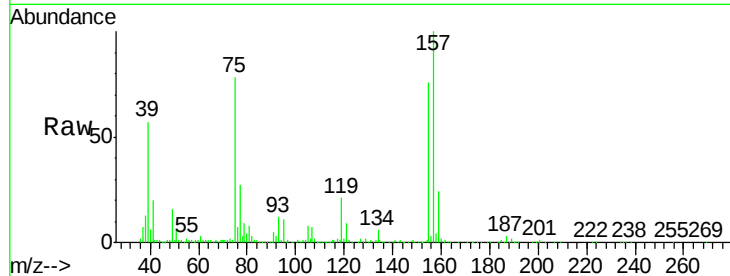
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.931 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007473.D
 Acq: 11 Feb 2019 17:32

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW020-190207MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	93.5	49.6	149.0
157	122.5	65.1	195.3

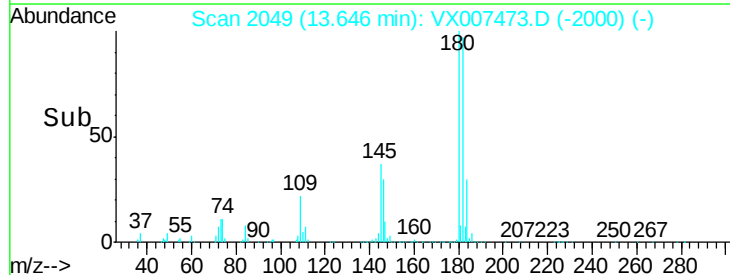
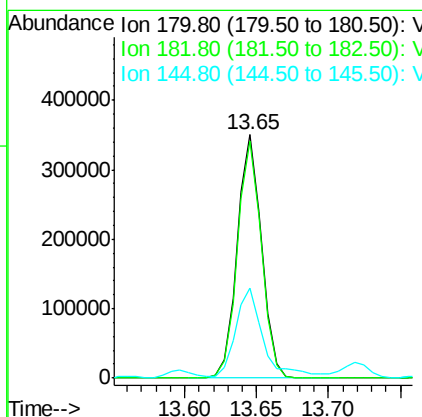
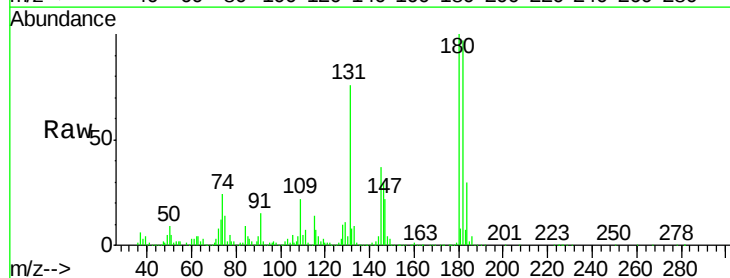
Manual Integrations
 APPROVED

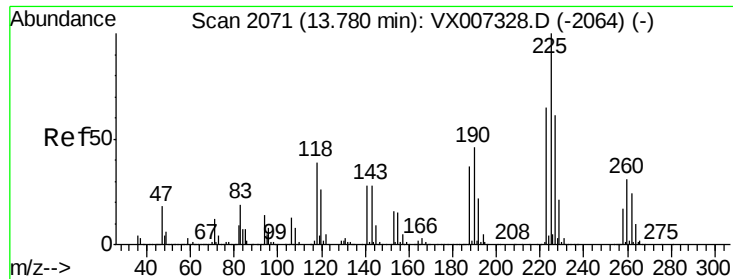
MMDadoda
 2/12/2019 12:15:52 PM



#93
 1,2,4-Trichlorobenzene
 Concen: 48.912 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007473.D
 Acq: 11 Feb 2019 17:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.8	143.3
145	43.0	14.1	42.2#





#94

Hexachlorobutadiene

Concen: 48.326 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX007473.D

Acq: 11 Feb 2019 17:32

Instrument :

MSVOA_X

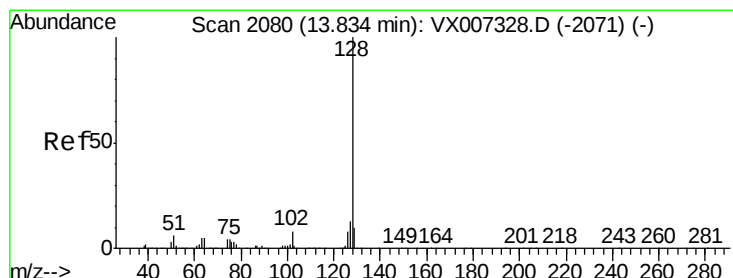
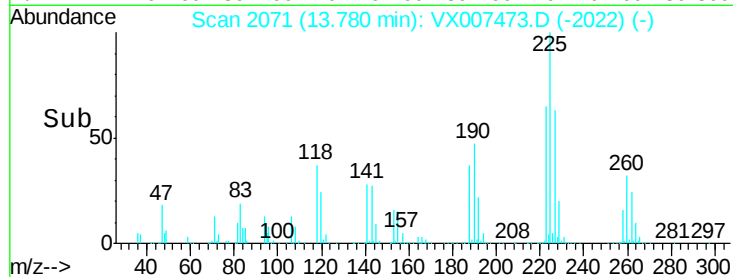
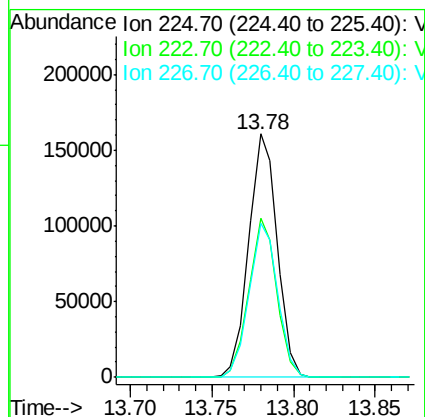
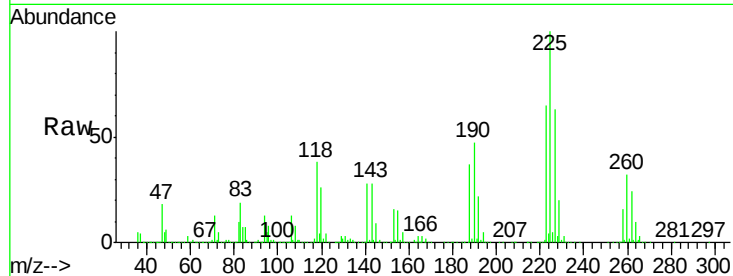
ClientSampleId :

KY001MW020-190207MS

Tot Ion:	225	Resp:	196543
Ion Ratio		Lower	Upper
225	100		
223	63.7	31.6	94.8
227	63.4	32.1	96.3

Manual Integrations
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2/12/2019 12:15:52 PM



#95

Naphthalene

Concen: 62.349 ug/l

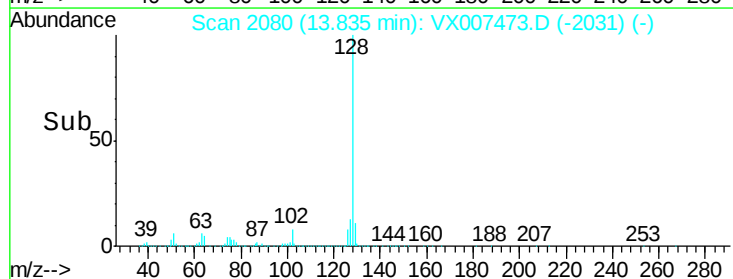
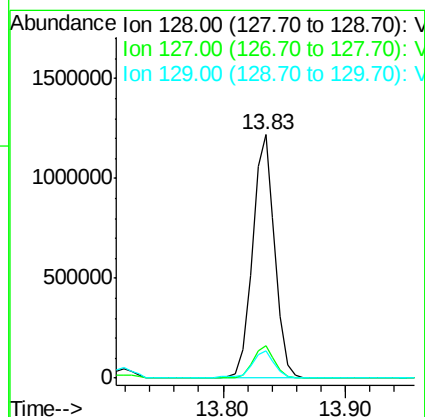
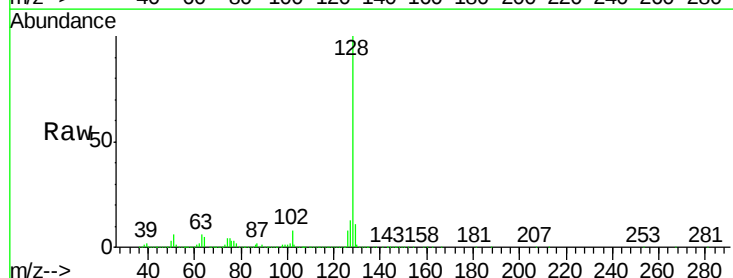
RT: 13.83 min Scan# 2080

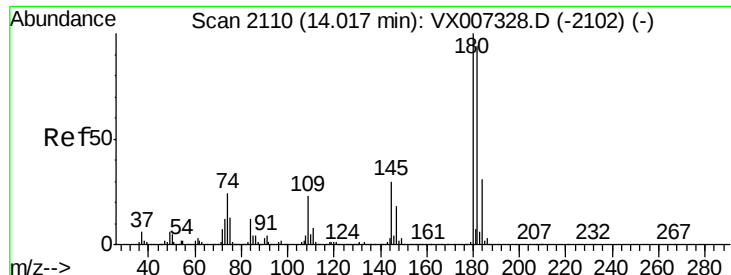
Delta R.T. 0.00 min

Lab File: VX007473.D

Acq: 11 Feb 2019 17:32

Tgt Ion:	128	Resp:	1527121
Ion Ratio		Lower	Upper
128	100		
127	13.0	10.5	15.7
129	12.0	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 48.860 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX007473.D
 Acq: 11 Feb 2019 17:32

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW020-190207MS

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	94.4	47.5	142.6
145	33.9	14.9	44.5

Manual Integrations
 APPROVED

MMDadoda
 2/12/2019 12:15:52 PM

