

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022619\
 Data File : VX007728.D
 Acq On : 26 Feb 2019 21:46
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/27/2019 10:07:08 AM

Quant Time: Feb 27 01:04:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	335061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	536769	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	486427	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	251996	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	203616	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
35) Dibromofluoromethane	5.50	113	181470	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
50) Toluene-d8	8.71	98	674451	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
62) 4-Bromofluorobenzene	11.13	95	237127	47.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	151479	49.077	ug/l	100
3) Chloromethane	1.33	50	161174	47.122	ug/l	99
4) Vinyl Chloride	1.41	62	166858	47.550	ug/l	99
5) Bromomethane	1.64	94	105215	47.525	ug/l	99
6) Chloroethane	1.71	64	108417	48.358	ug/l	97
7) Trichlorofluoromethane	1.93	101	265303	49.317	ug/l	98
8) Diethyl Ether	2.19	74	102230	46.304	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.39	101	149956	46.120	ug/l	93
10) Methyl Iodide	2.51	142	211845	52.325	ug/l	97
11) Tert butyl alcohol	3.08	59	192863	244.916	ug/l	99
12) 1,1-Dichloroethene	2.37	96	146723	50.062	ug/l	96
13) Acrolein	2.30	56	300387	429.276	ug/l	100
14) Allyl chloride	2.73	41	260004	47.978	ug/l	97
15) Acrylonitrile	3.15	53	456164	246.157	ug/l	99
16) Acetone	2.45	43	406902	220.464	ug/l	98
17) Carbon Disulfide	2.57	76	390866	47.936	ug/l	98
18) Methyl Acetate	2.78	43	220347	54.712	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	506125	49.590	ug/l	98
20) Methylene Chloride	2.86	84	159821	46.895	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	153467	48.166	ug/l	98
22) Diisopropyl ether	3.87	45	554687	49.169	ug/l	99
23) Vinyl Acetate	3.82	43	2442609	246.787	ug/l	100
24) 1,1-Dichloroethane	3.70	63	303973	49.579	ug/l	99
25) 2-Butanone	4.70	43	676411	240.594	ug/l	100
26) 2,2-Dichloropropane	4.59	77	198977	40.657	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	197623	48.745	ug/l	99
28) Bromochloromethane	5.02	49	146267	49.004	ug/l	92
29) Tetrahydrofuran	5.15	42	456156	246.143	ug/l	99
30) Chloroform	5.21	83	320707	48.833	ug/l	96
31) Cyclohexane	5.57	56	271662	47.105	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	271760	50.035	ug/l	98
36) 1,1-Dichloropropene	5.80	75	233454	48.377	ug/l	98
37) Ethyl Acetate	4.85	43	265520	49.532	ug/l	100
38) Carbon Tetrachloride	5.78	117	235147	48.509	ug/l	96

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	284384	46.628	ug/l	99
40) Benzene	6.14	78	726255	48.753	ug/l	99
41) Methacrylonitrile	5.06	41	145621	50.872	ug/l	98
42) 1,2-Dichloroethane	6.20	62	244390	48.810	ug/l	99
43) Isopropyl Acetate	6.46	43	409274	49.607	ug/l	100
44) Trichloroethene	7.21	130	195735	47.764	ug/l	95
45) 1,2-Dichloropropane	7.52	63	185370	48.038	ug/l	96
46) Dibromomethane	7.66	93	128352	47.677	ug/l	91
47) Bromodichloromethane	7.90	83	234688	50.305	ug/l	99
48) Methyl methacrylate	7.77	41	211325	48.865	ug/l	100
49) 1,4-Dioxane	7.75	88	90454	968.403	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1365962	247.342	ug/l	99
52) Toluene	8.78	92	455316	48.470	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	257358	44.688	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	280302	49.510	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	190560	48.647	ug/l	98
56) Ethyl methacrylate	9.18	69	278974	50.080	ug/l	99
57) 1,3-Dichloropropane	9.37	76	311398	49.660	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	765853	249.310	ug/l	97
59) 2-Hexanone	9.49	43	1066444	245.967	ug/l	99
60) Dibromochloromethane	9.58	129	193715	51.393	ug/l	97
61) 1,2-Dibromoethane	9.67	107	203499	50.036	ug/l	98
64) Tetrachloroethene	9.34	164	180823	45.791	ug/l	97
65) Chlorobenzene	10.14	112	504830	47.986	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	181410	49.434	ug/l	99
67) Ethyl Benzene	10.25	91	854662	49.040	ug/l	99
68) m/p-Xylenes	10.36	106	676651	99.802	ug/l	96
69) o-Xylene	10.70	106	325618	49.930	ug/l	97
70) Styrene	10.71	104	538978	50.281	ug/l	98
71) Bromoform	10.86	173	134400	48.839	ug/l	# 99
73) Isopropylbenzene	11.02	105	867564	48.170	ug/l	100
74) N-amyl acetate	10.90	43	387965	49.604	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	289603	46.491	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	272260m	50.687	ug/l	
77) Bromobenzene	11.26	156	215126	47.621	ug/l	89
78) n-propylbenzene	11.36	91	1003851	49.324	ug/l	97
79) 2-Chlorotoluene	11.42	91	592548	48.354	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	745248	50.305	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	80003	40.520	ug/l	97
82) 4-Chlorotoluene	11.51	91	715517	49.912	ug/l	95
83) tert-Butylbenzene	11.77	119	713164	50.138	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	766494	50.581	ug/l	97
85) sec-Butylbenzene	11.94	105	889481	49.903	ug/l	98
86) p-Isopropyltoluene	12.06	119	784004	50.225	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	396159	47.278	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	406634	47.384	ug/l	98
89) n-Butylbenzene	12.38	91	688647	49.467	ug/l	98
90) Hexachloroethane	12.60	117	127061	48.309	ug/l	84
91) 1,2-Dichlorobenzene	12.39	146	399116	47.604	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	64258	47.343	ug/l	86

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ClientSampleId :
VSTDCCC050EC

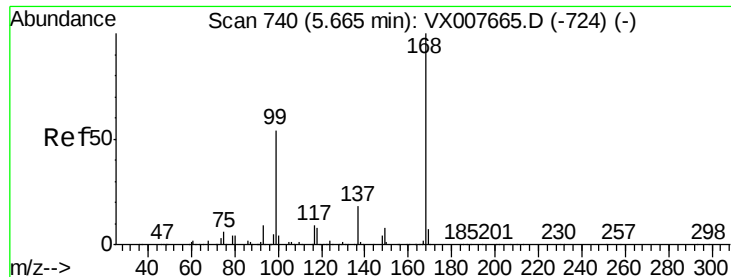
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	242224	47.330	ug/l	97
94) Hexachlorobutadiene	13.78	225	107047	45.723	ug/l	99
95) Naphthalene	13.83	128	847763	51.130	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	249415	48.537	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 335061

Ion Ratio Lower Upper

168 100

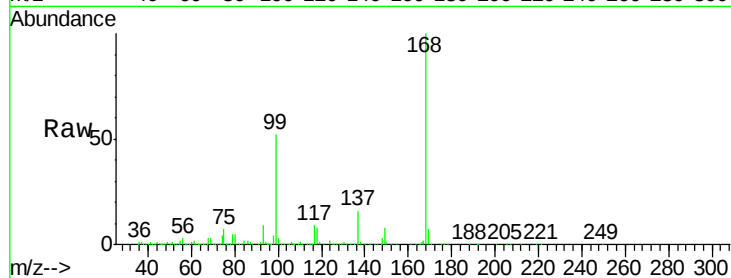
99 51.9 37.9 56.9

Manual Integrations

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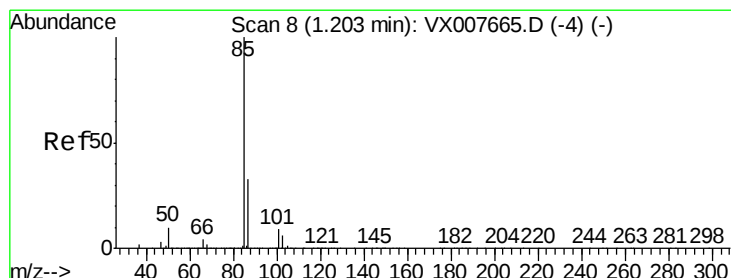
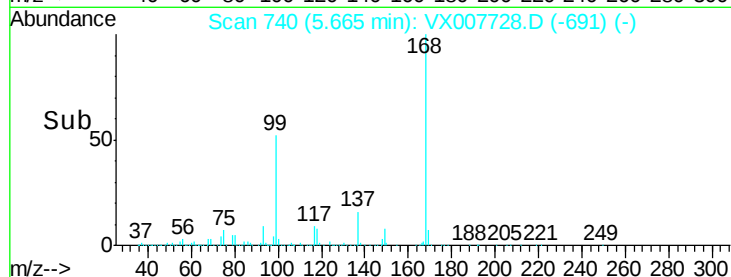
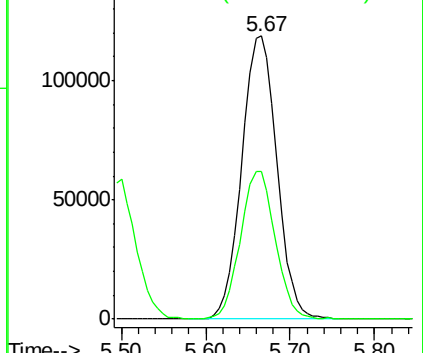
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.077 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.01 min

Lab File: VX007728.D

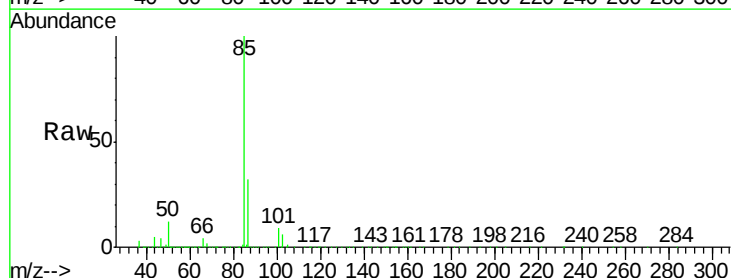
Acq: 26 Feb 2019 21:46

Tgt Ion: 85 Resp: 151479

Ion Ratio Lower Upper

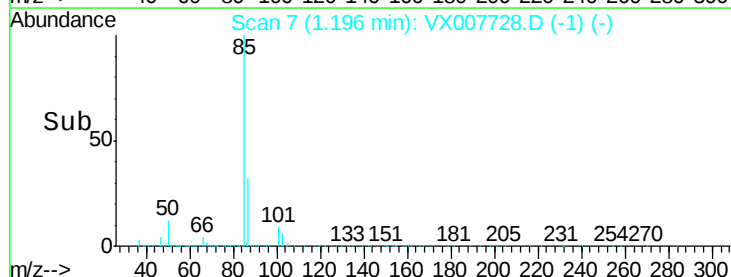
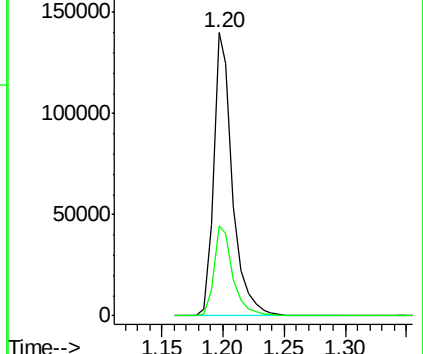
85 100

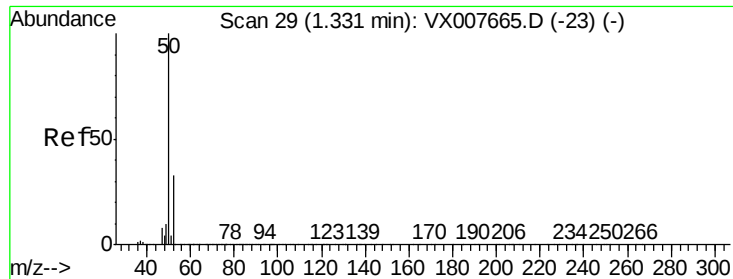
87 31.9 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.122 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 161174

Ion Ratio Lower Upper

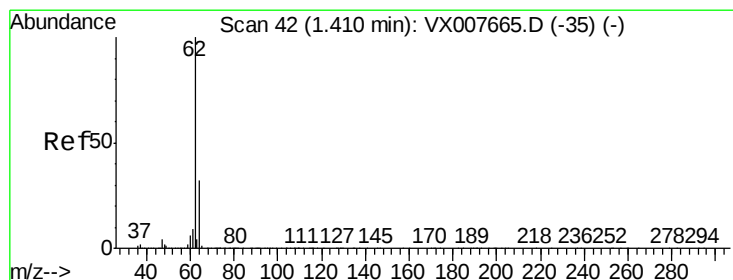
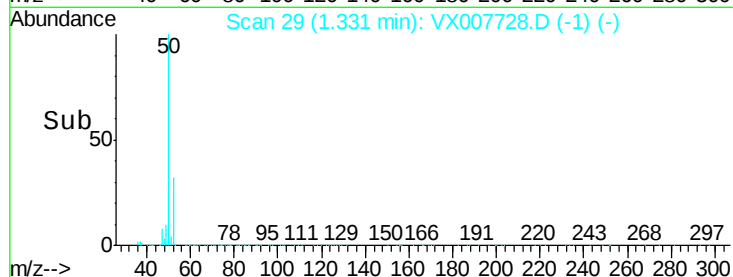
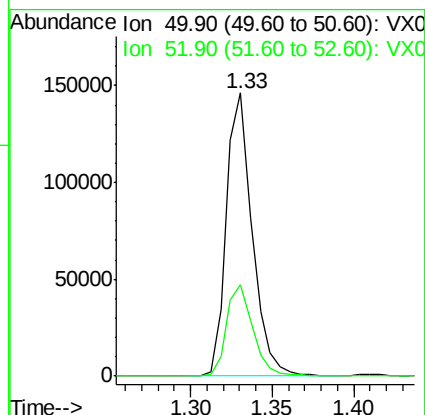
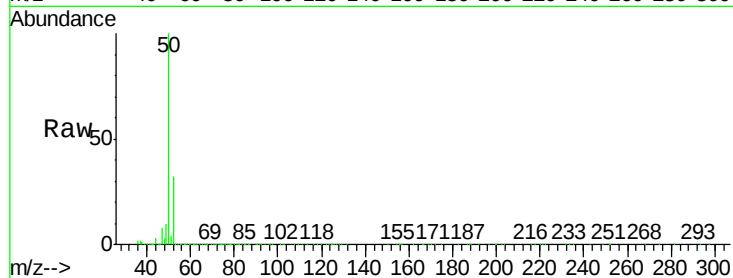
50 100

52 32.0 26.1 39.1

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#4

Vinyl Chloride

Concen: 47.550 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007728.D

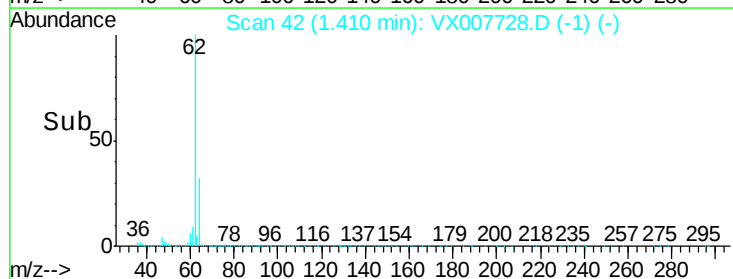
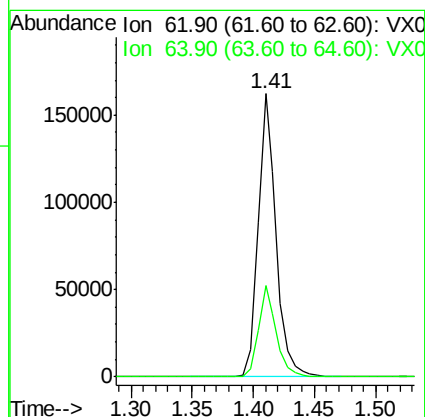
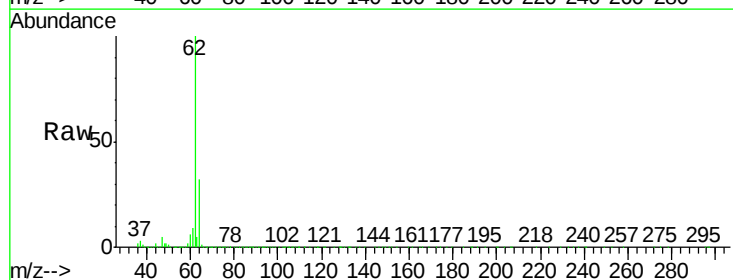
Acq: 26 Feb 2019 21:46

Tgt Ion: 62 Resp: 166858

Ion Ratio Lower Upper

62 100

64 32.3 25.4 38.0





#5

Bromomethane

Concen: 47.525 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 105215

Ion Ratio Lower Upper

94 100

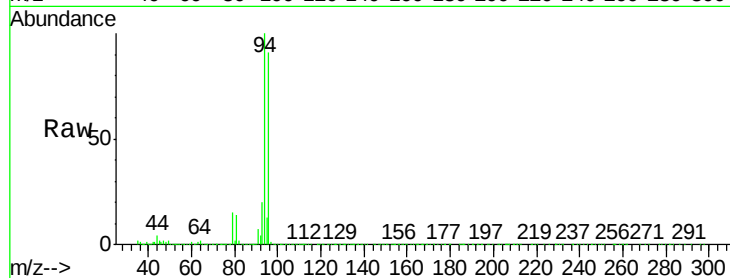
96 91.2 73.9 110.9

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

120000

100000

80000

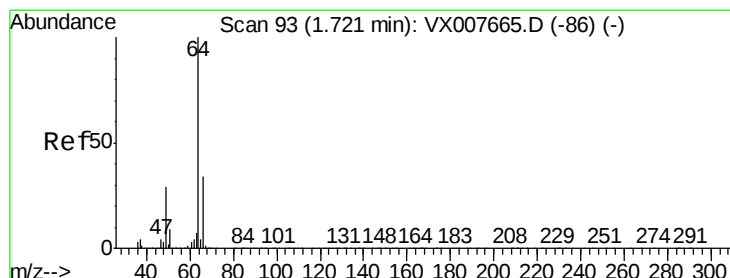
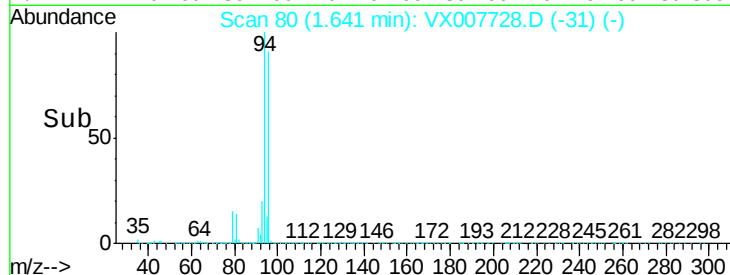
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 48.358 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX007728.D

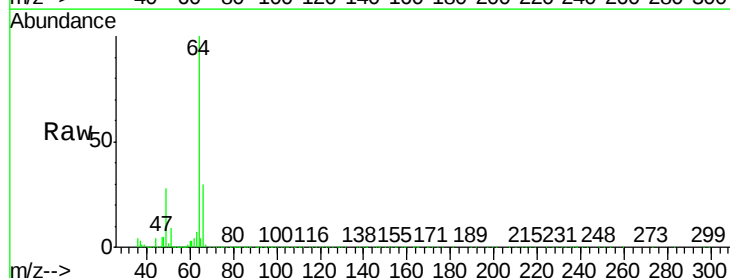
Acq: 26 Feb 2019 21:46

Tgt Ion: 64 Resp: 108417

Ion Ratio Lower Upper

64 100

66 30.1 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

80000

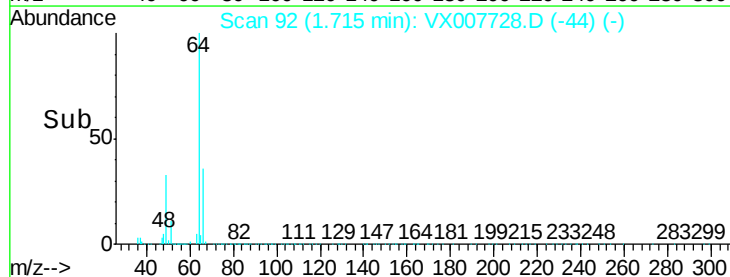
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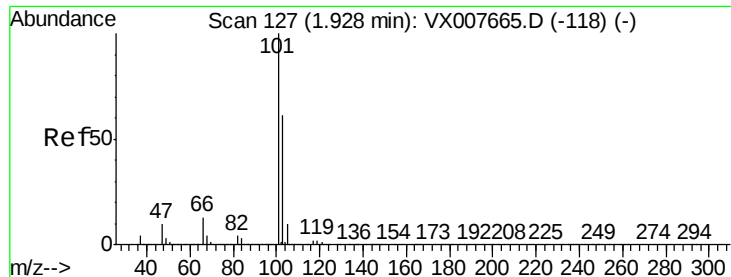
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Time-->





#7

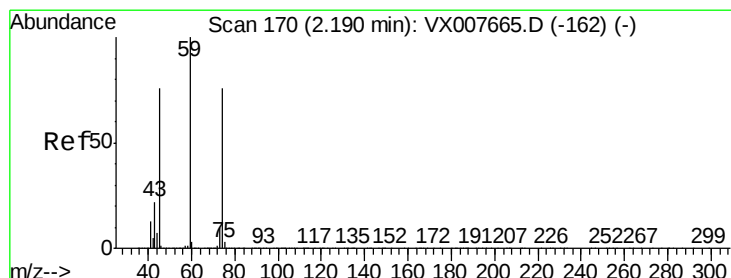
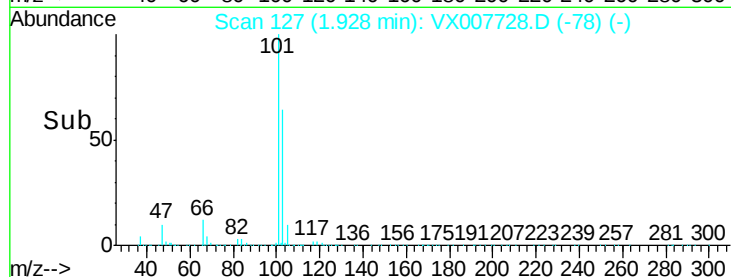
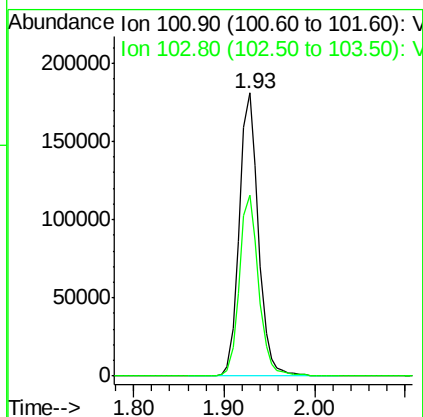
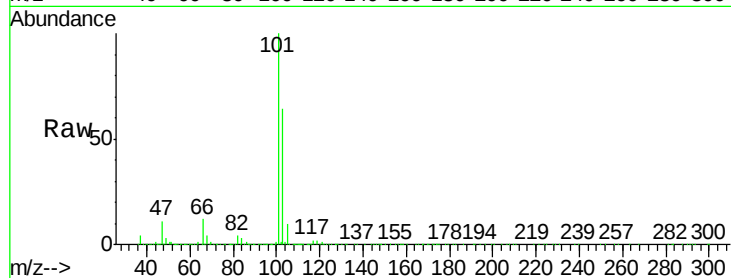
Trichlorofluoromethane
Concen: 49.317 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

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VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	52.6	79.0

Manual Integrations
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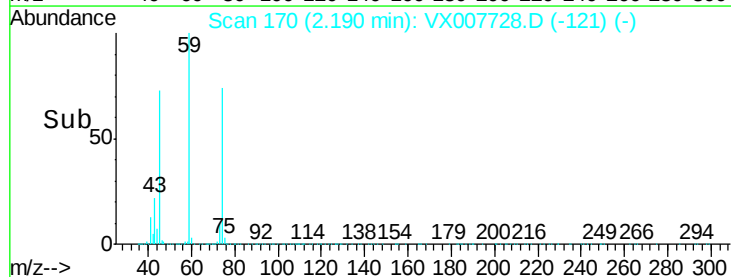
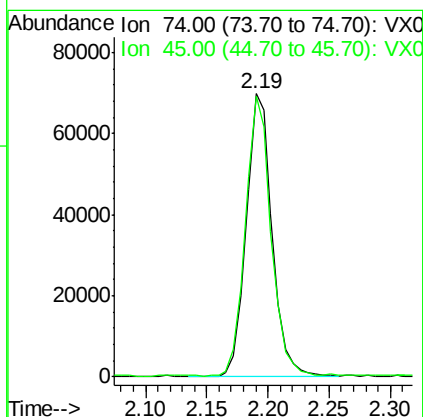
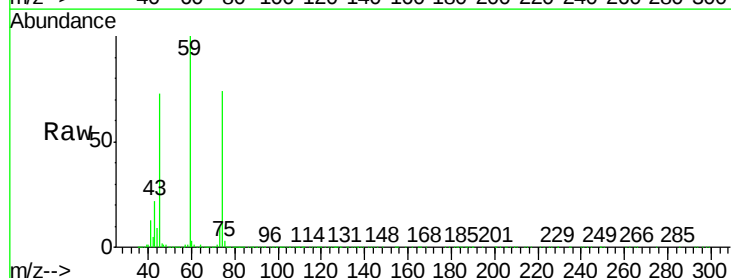
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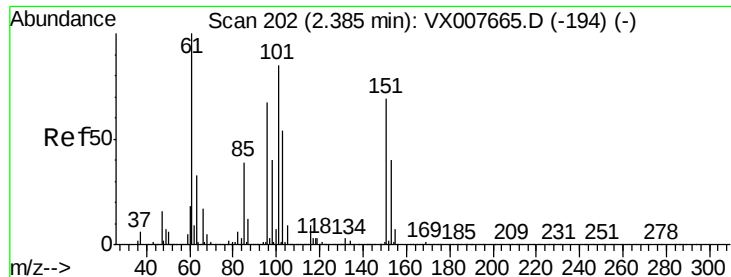


#8

Diethyl Ether
Concen: 46.304 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.9	45.7	137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.120 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

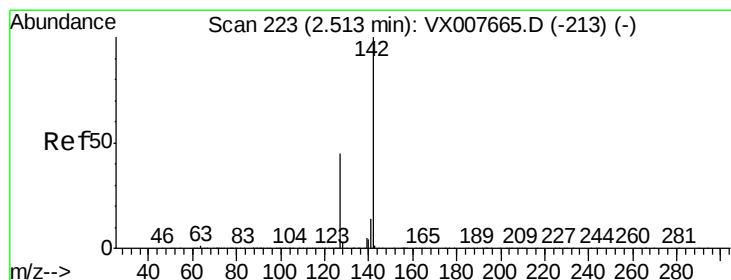
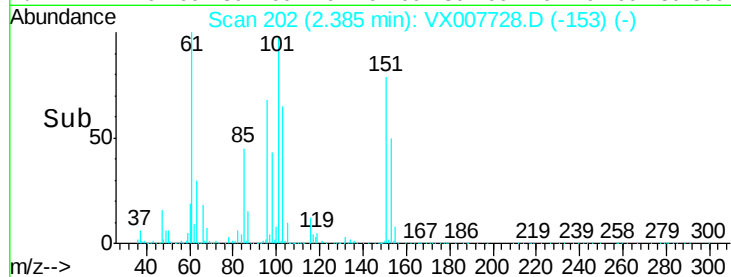
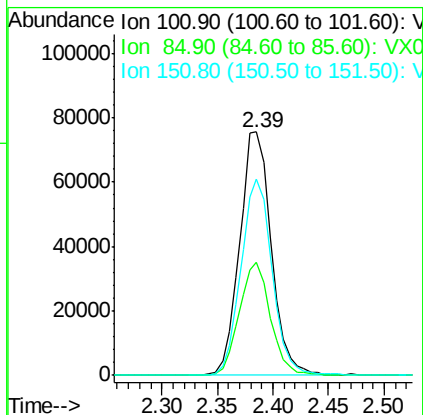
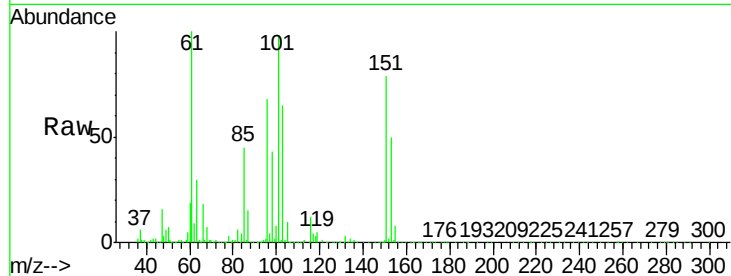
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	149956
Ion Ratio	Lower	Upper	
101	100		
85	45.3	34.1	51.1
151	79.4	69.9	104.9

Manual Integrations
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2/27/2019 10:07:08 AM



#10

Methyl Iodide

Concen: 52.325 ug/l

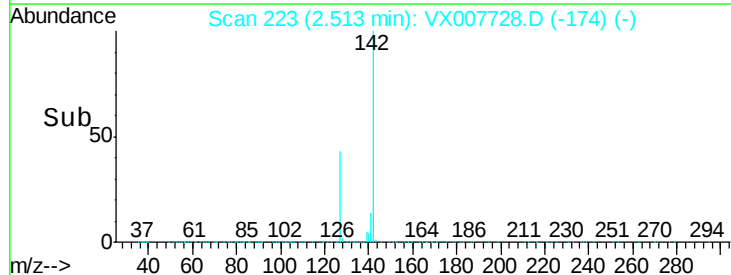
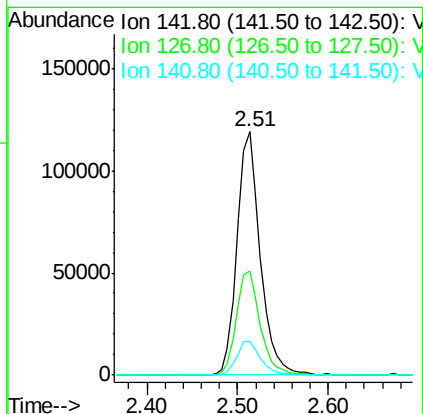
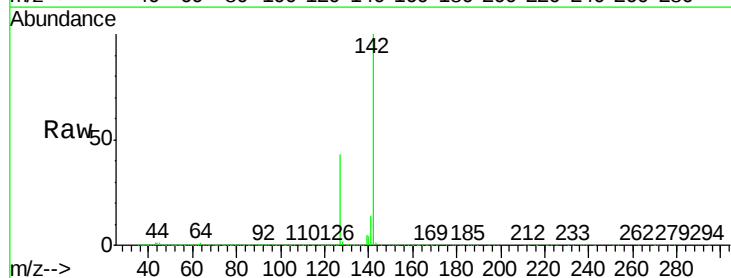
RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Tgt Ion:	142	Resp:	211845
Ion Ratio	Lower	Upper	
142	100		
127	44.2	33.7	50.5
141	14.5	11.3	16.9





#11

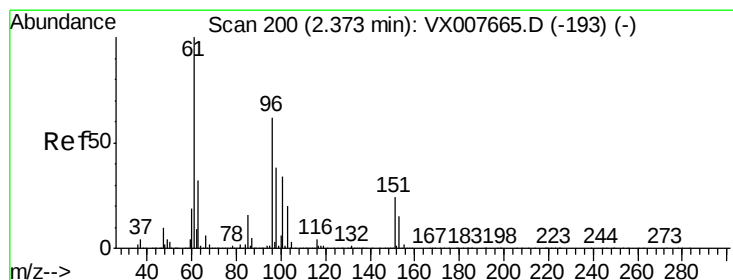
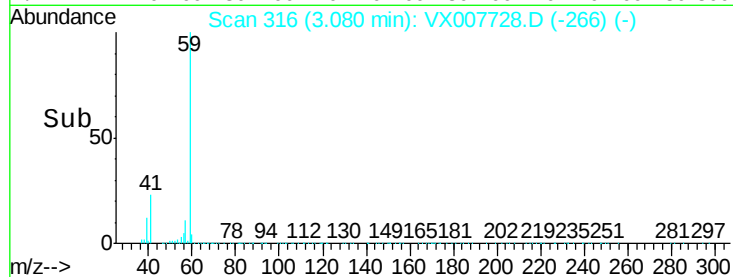
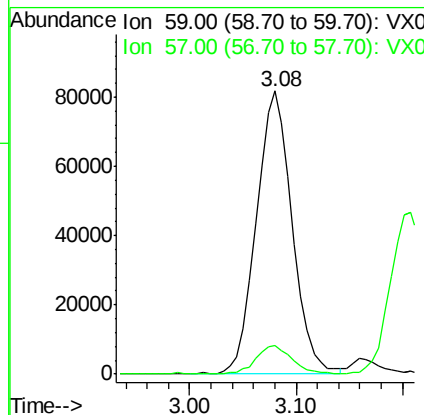
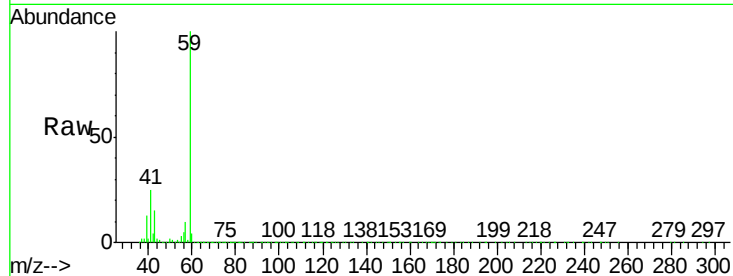
Tert butyl alcohol
Concen: 244.916 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.1	12.1

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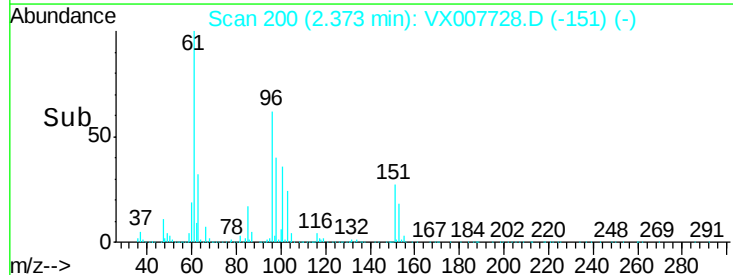
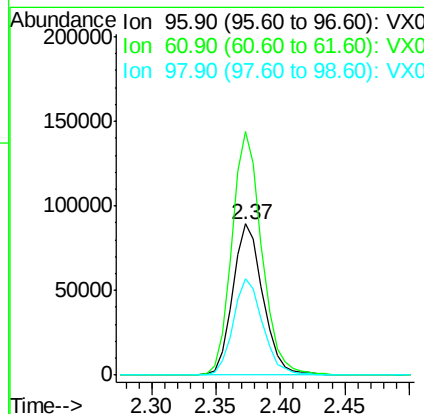
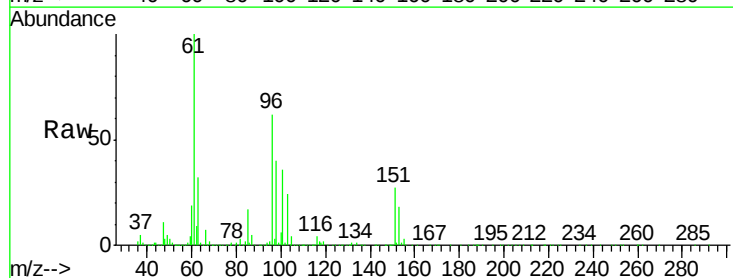
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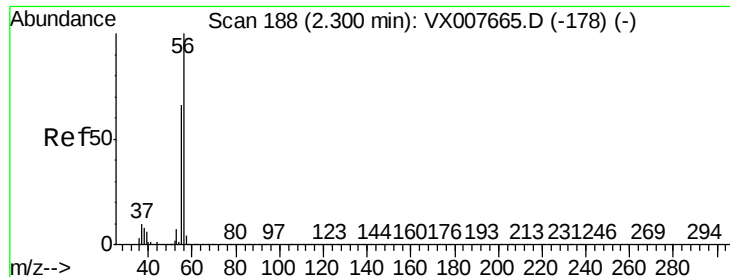


#12

1,1-Dichloroethene
Concen: 50.062 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.2	123.0	184.4
98	64.1	50.9	76.3





#13

Acrolein

Concen: 429.276 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 300387

Ion Ratio Lower Upper

56 100

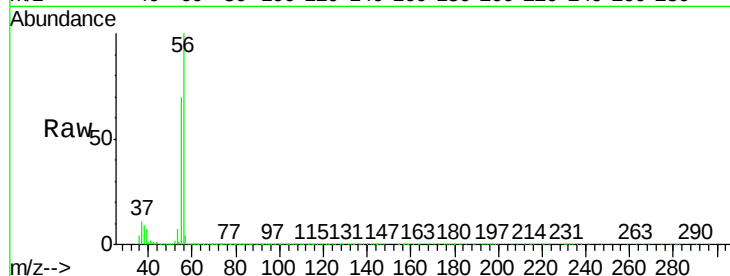
55 71.4 56.9 85.3

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

200000

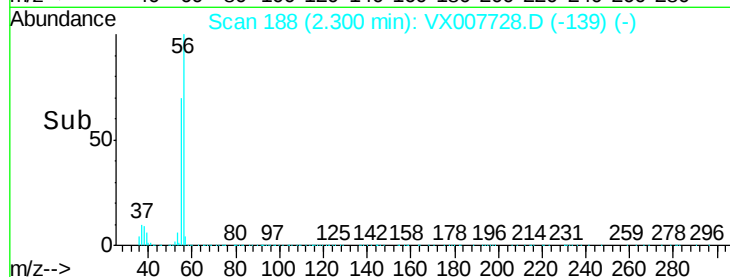
150000

100000

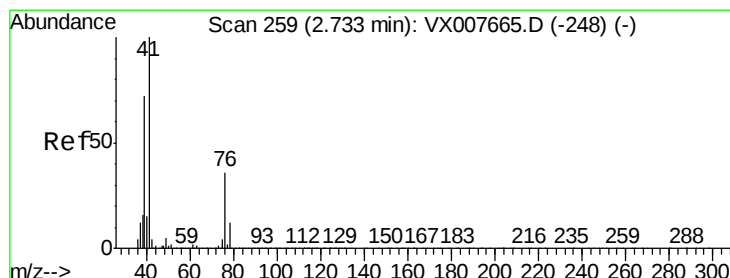
50000

0

Time-->



Time-->



#14

Allyl chloride

Concen: 47.978 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

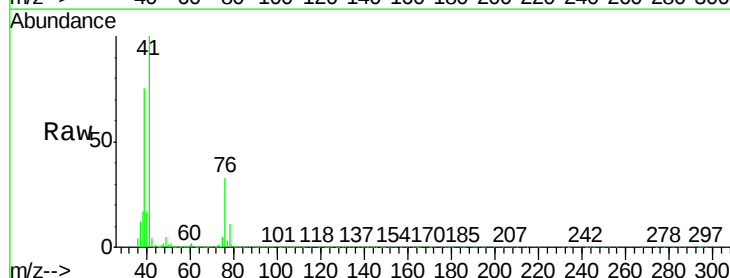
Tgt Ion: 41 Resp: 260004

Ion Ratio Lower Upper

41 100

39 69.8 54.1 81.1

76 32.9 27.8 41.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

250000

200000

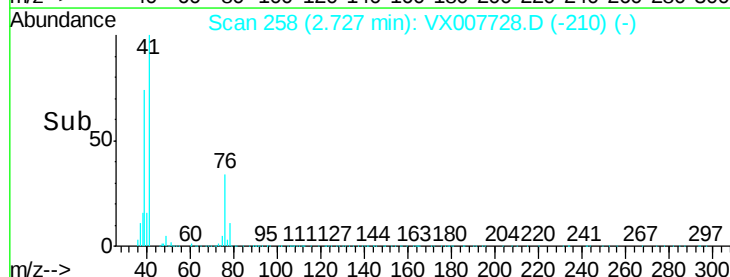
150000

100000

50000

0

Time-->



Time-->



#15

Acrylonitrile

Concen: 246.157 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

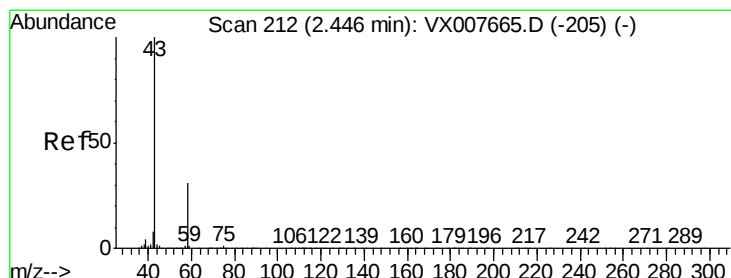
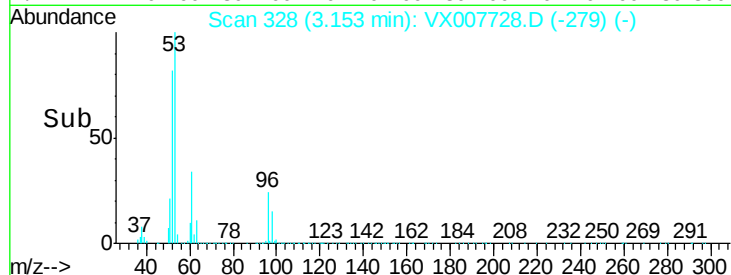
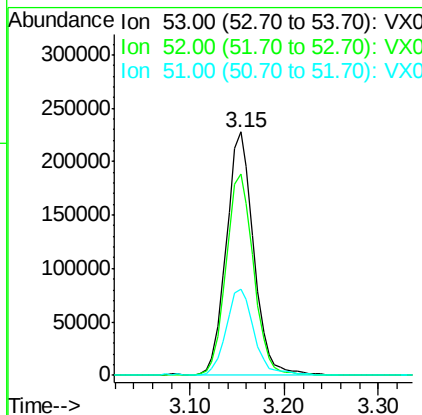
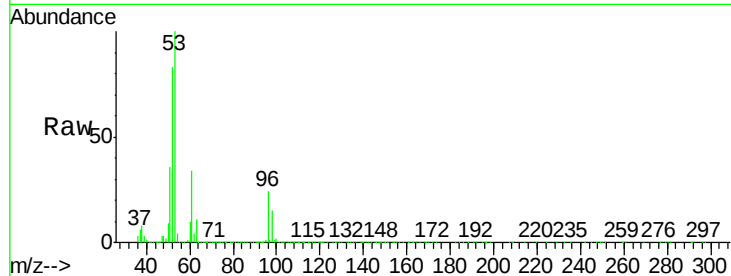
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	456164
Ion Ratio		Lower	Upper
53	100		
52	83.4	66.4	99.6
51	36.3	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 220.464 ug/l

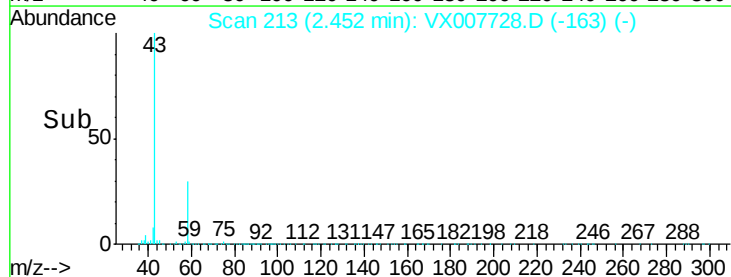
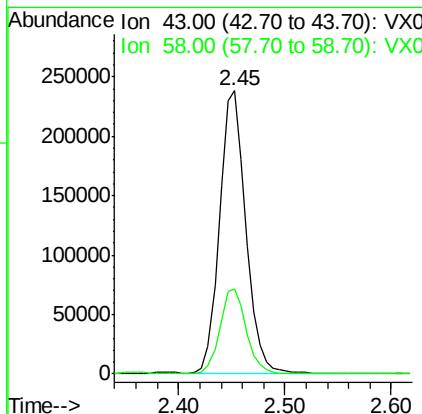
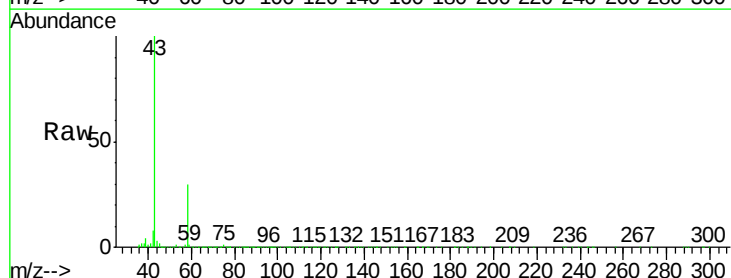
RT: 2.45 min Scan# 213

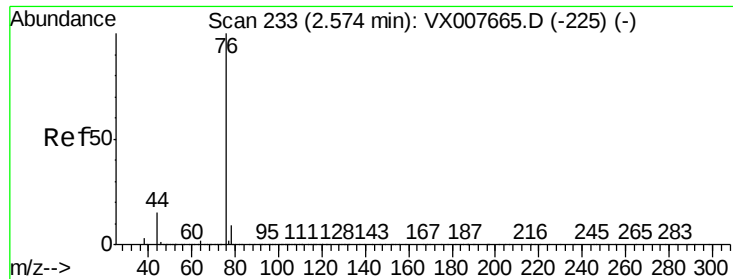
Delta R.T. 0.01 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Tgt Ion:	43	Resp:	406902
Ion Ratio		Lower	Upper
43	100		
58	30.2	24.9	37.3





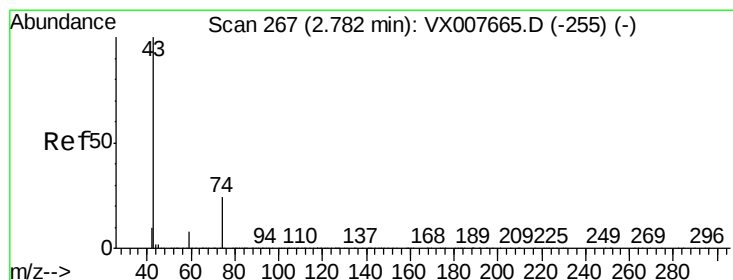
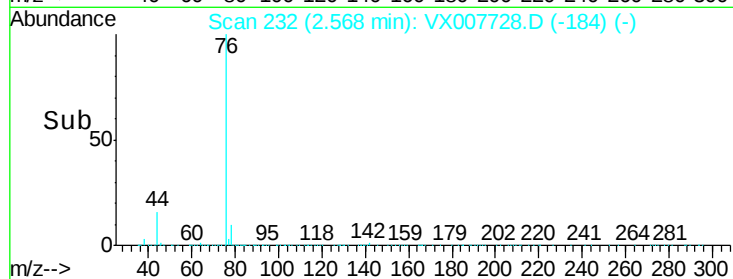
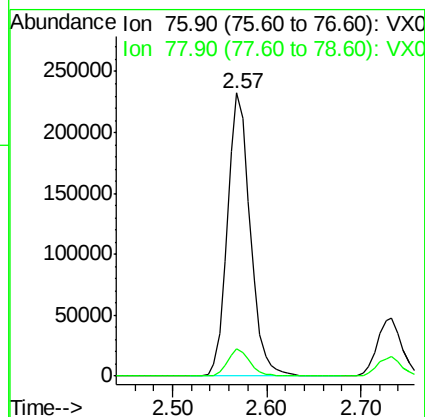
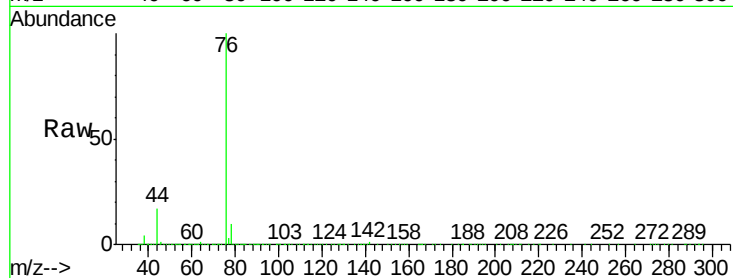
#17
Carbon Disulfide
Concen: 47.936 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.01 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.1	10.7

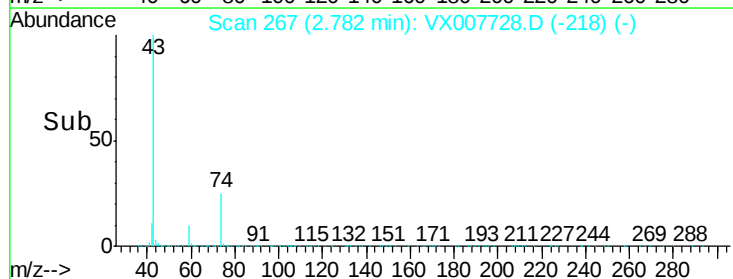
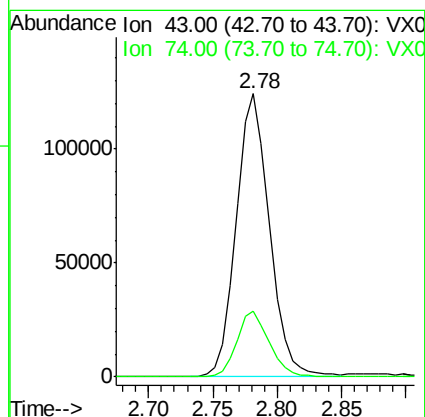
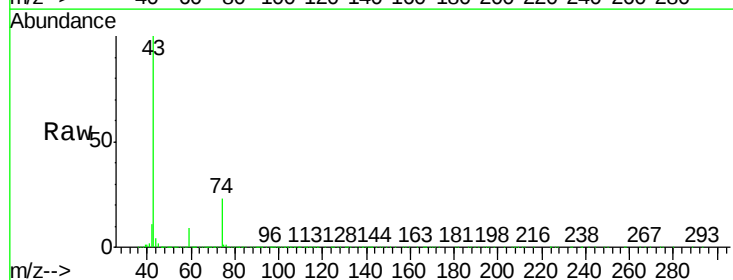
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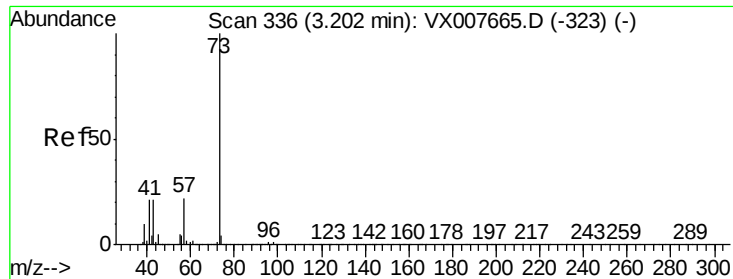
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#18
Methyl Acetate
Concen: 54.712 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.0	19.4	29.2





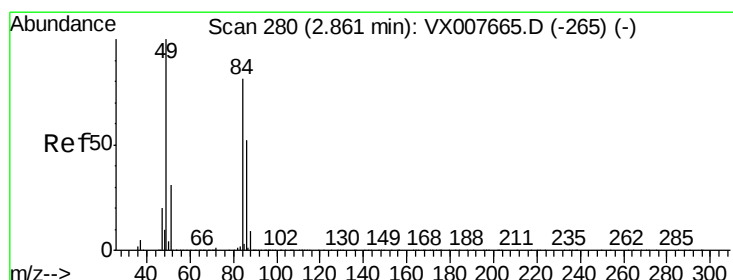
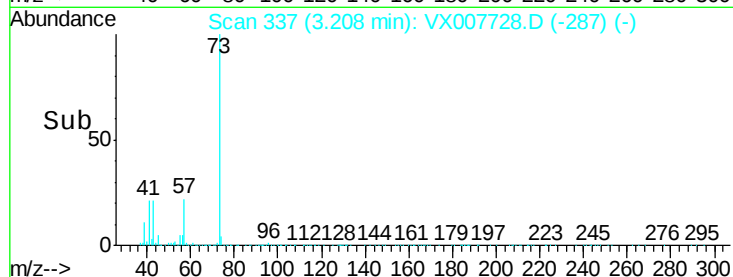
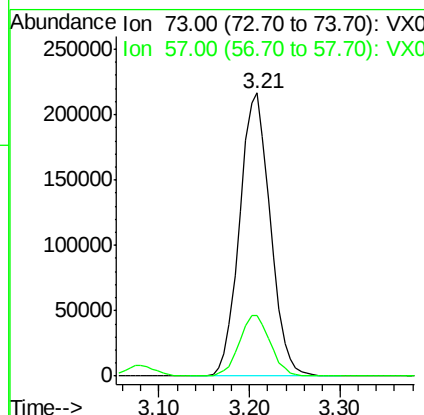
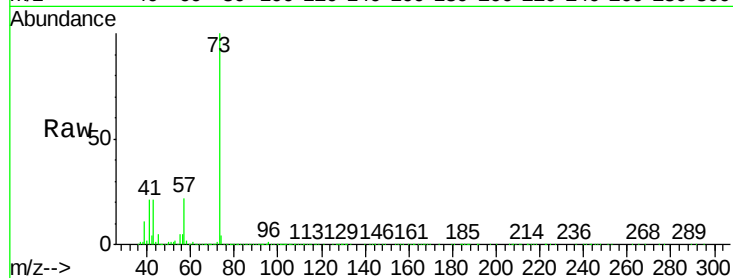
#19
Methvl tert-butvl Ether
Concen: 49.590 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	17.8	26.8

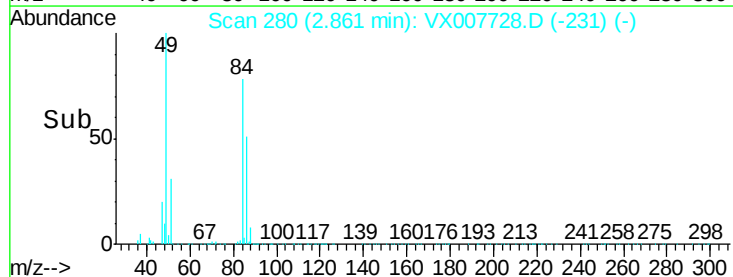
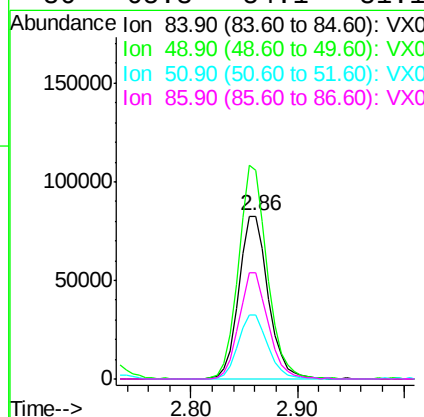
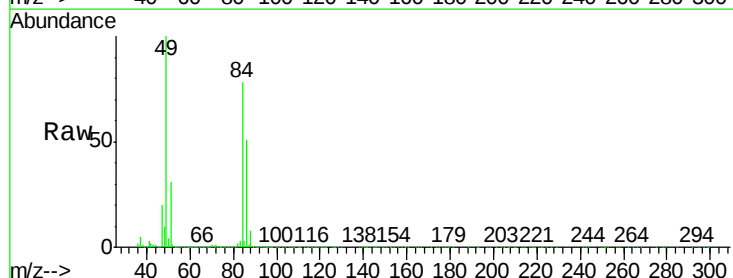
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#20
Methylene Chloride
Concen: 46.895 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

Tgt Ion	Ratio	Lower	Upper
84	100		
49	128.0	94.8	142.2
51	39.0	29.8	44.8
86	65.3	54.1	81.1





#21

trans-1,2-Dichloroethene

Concen: 48.166 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

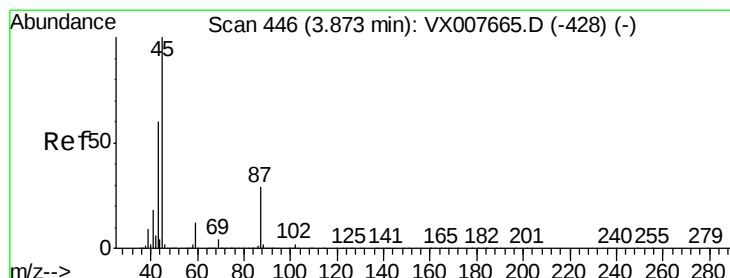
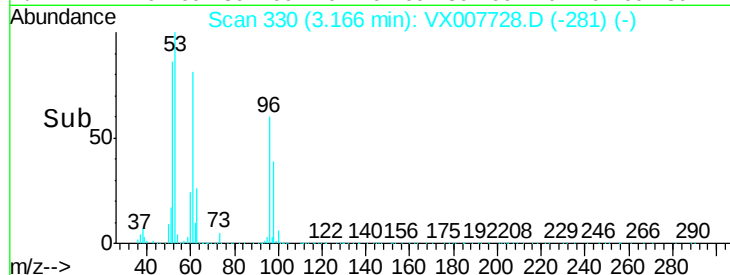
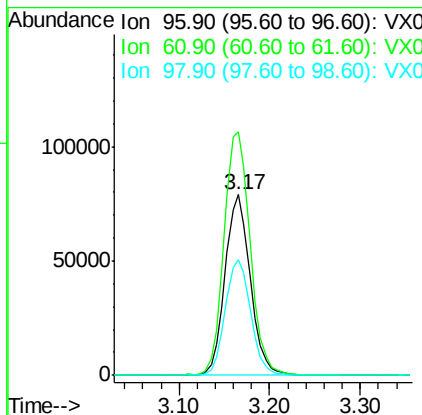
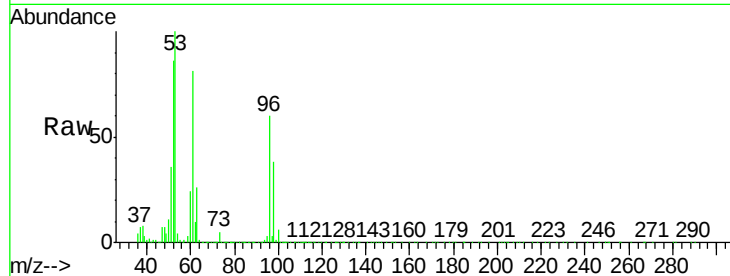
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	153467
Ion Ratio	Lower	Upper	
96	100		
61	134.5	104.6	156.8
98	63.6	51.0	76.4

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#22

Diisopropyl ether

Concen: 49.169 ug/l

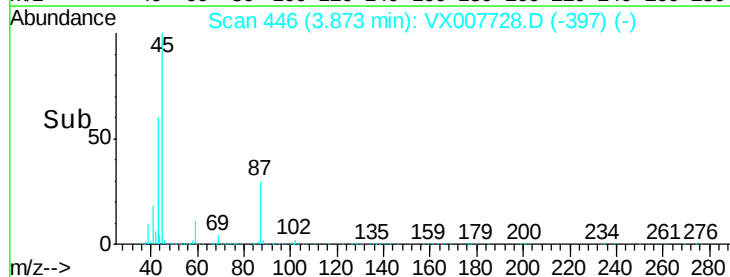
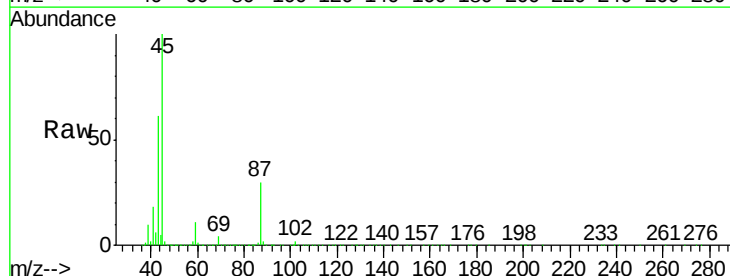
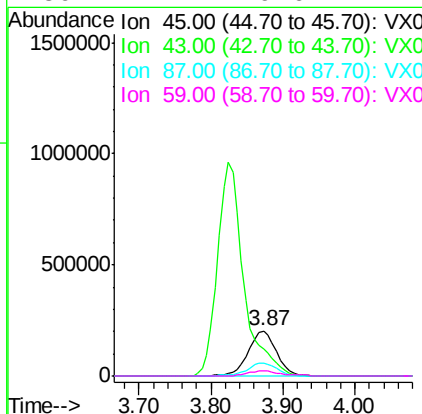
RT: 3.87 min Scan# 446

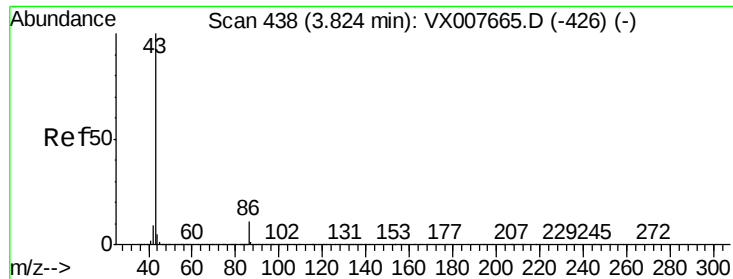
Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Tgt Ion:	45	Resp:	554687
Ion Ratio	Lower	Upper	
45	100		
43	60.1	48.9	73.3
87	29.5	23.9	35.9
59	11.1	9.6	14.4





#23

Vinyl Acetate

Concen: 246.787 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

ClientSampleID :

VSTDCCC050EC

Tot Ion: 43 Resp: 2442609

Ion Ratio Lower Upper

43 100

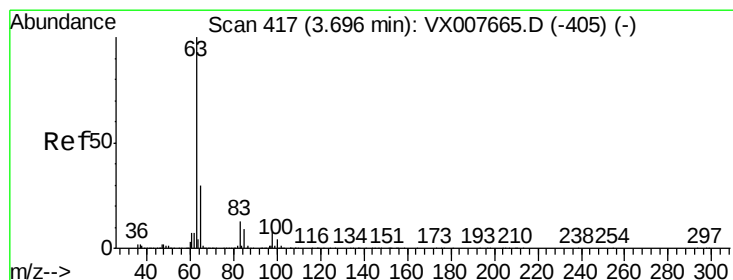
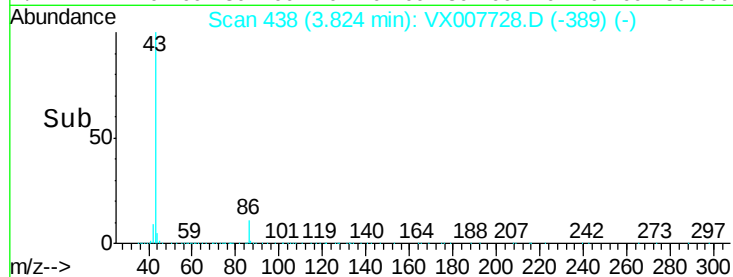
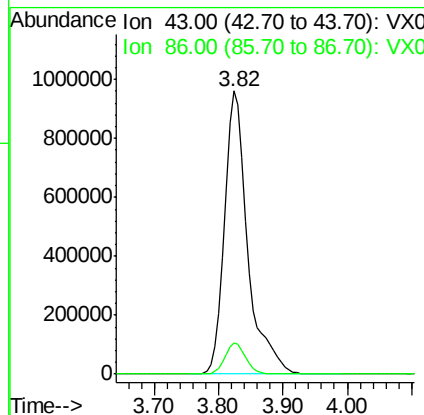
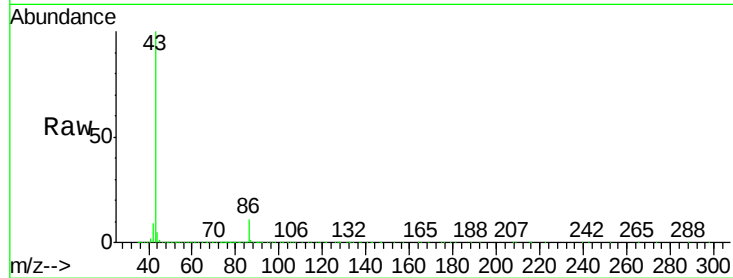
86 10.8 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 49.579 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

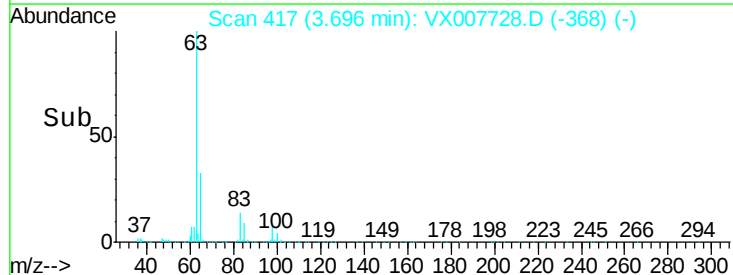
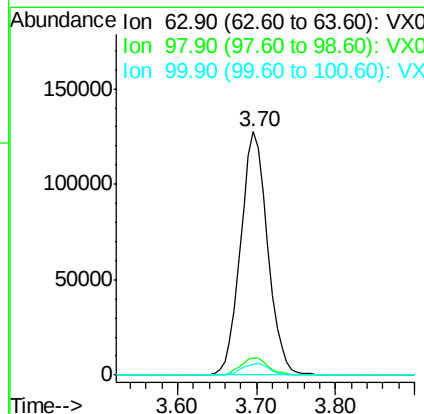
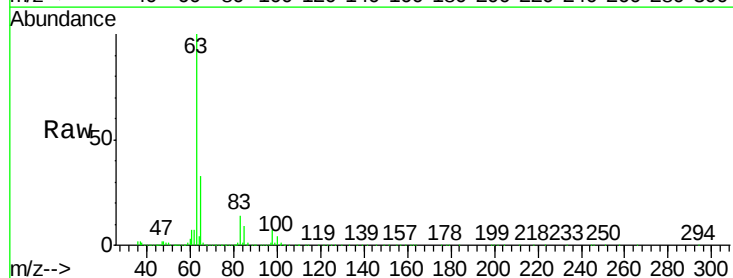
Tgt Ion: 63 Resp: 303973

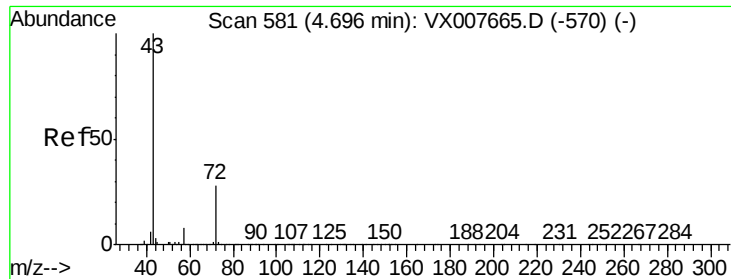
Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.8

100 4.5 2.5 7.4





#25

2-Butanone

Concen: 240.594 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 676411

Ion Ratio Lower Upper

43 100

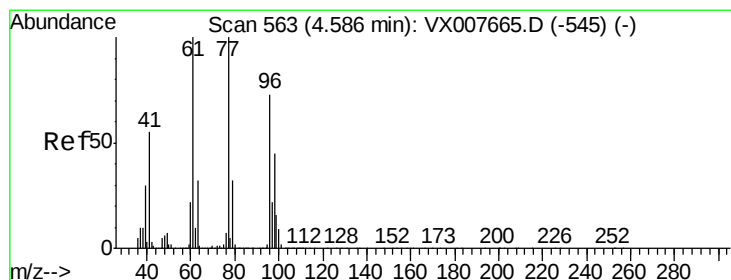
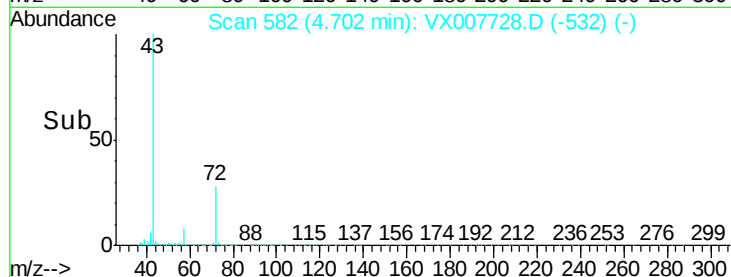
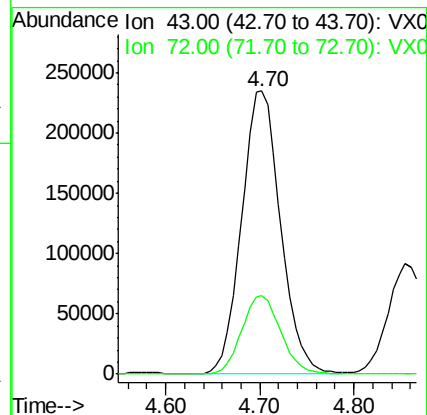
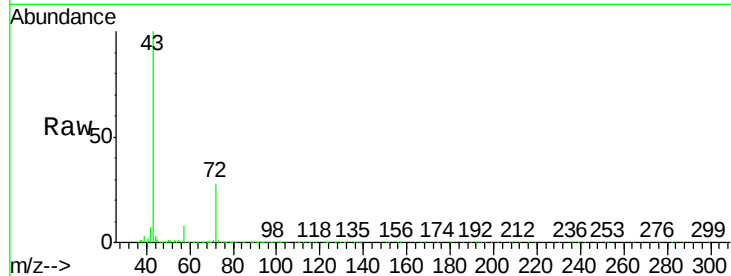
72 27.6 22.2 33.2

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#26

2,2-Dichloropropane

Concen: 40.657 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007728.D

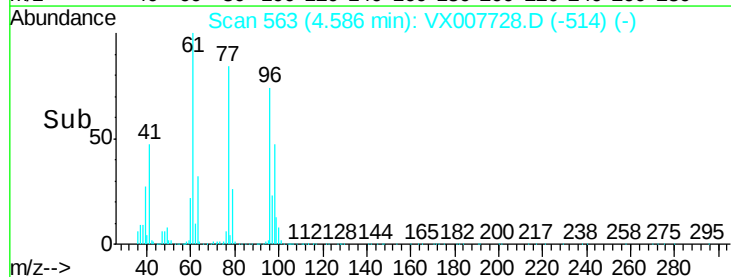
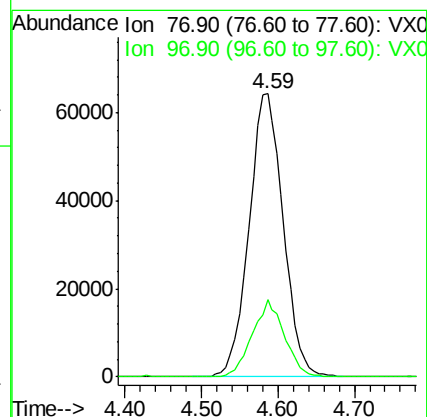
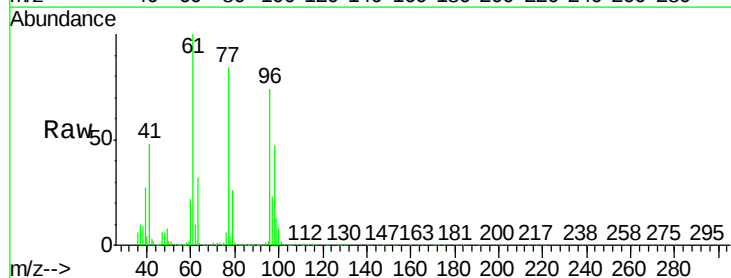
Acq: 26 Feb 2019 21:46

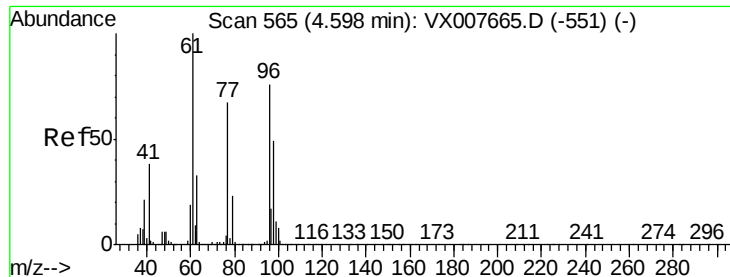
Tgt Ion: 77 Resp: 198977

Ion Ratio Lower Upper

77 100

97 25.8 12.1 36.3





#27

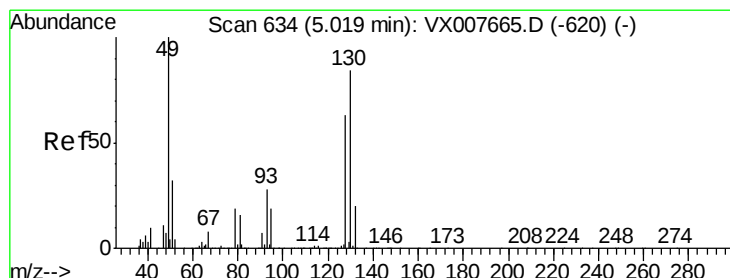
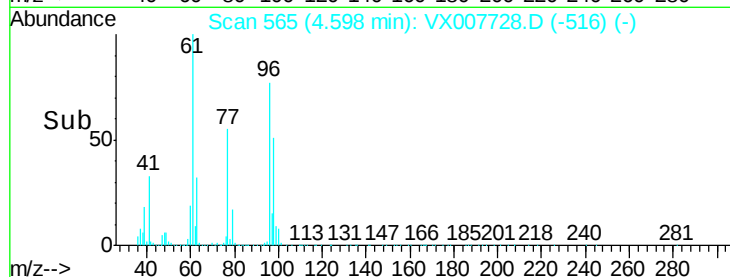
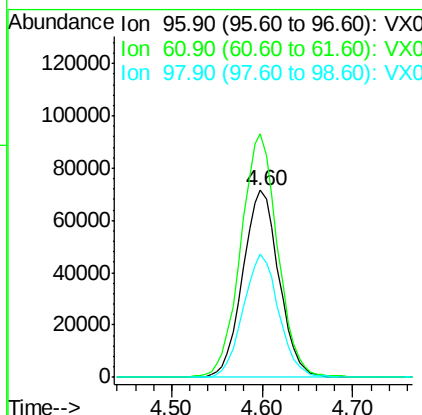
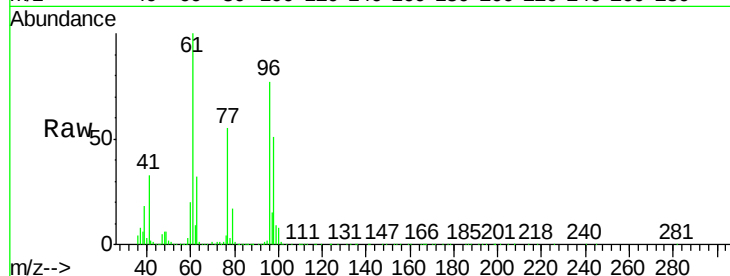
cis-1,2-Dichloroethene
Concen: 48.745 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.2	0.0	265.6
98	64.6	0.0	131.6

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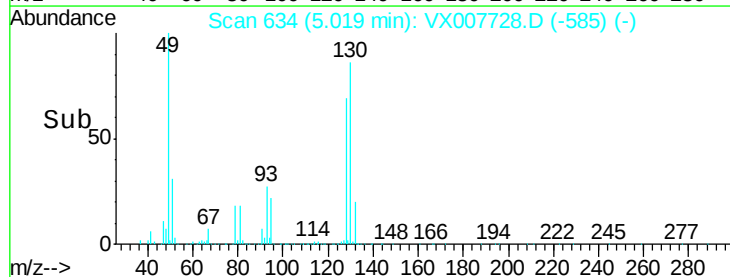
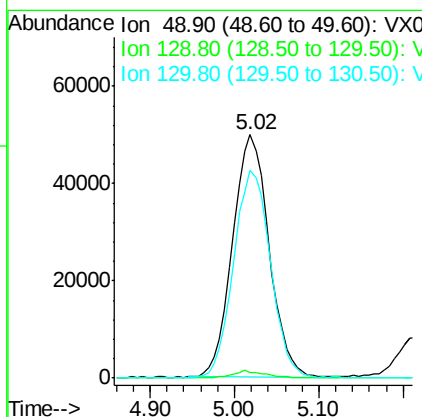
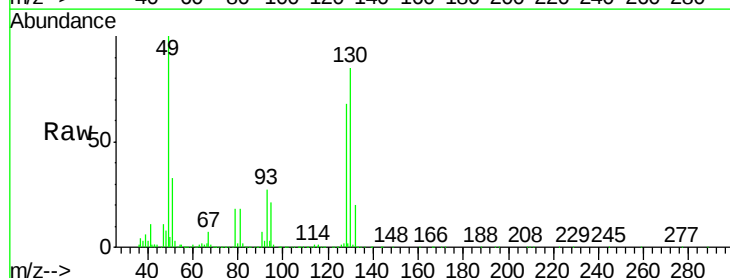
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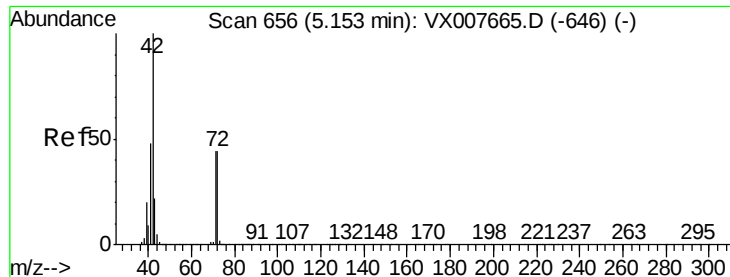


#28

Bromochloromethane
Concen: 49.004 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.6
130	87.0	75.6	113.4





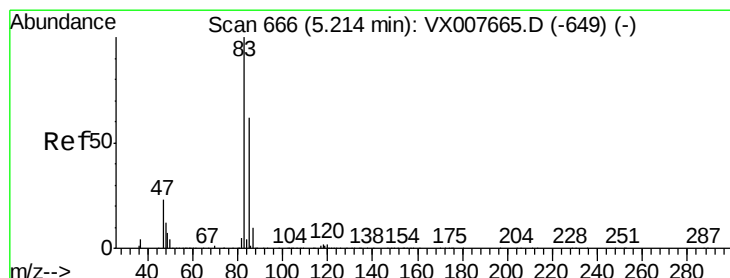
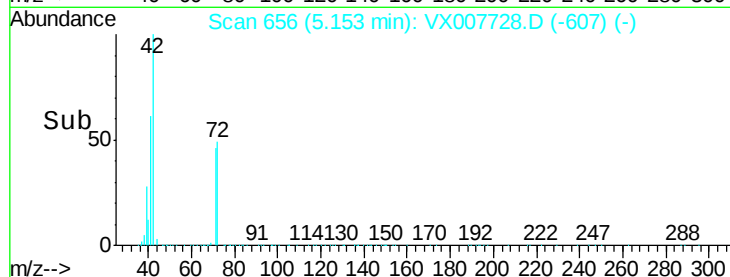
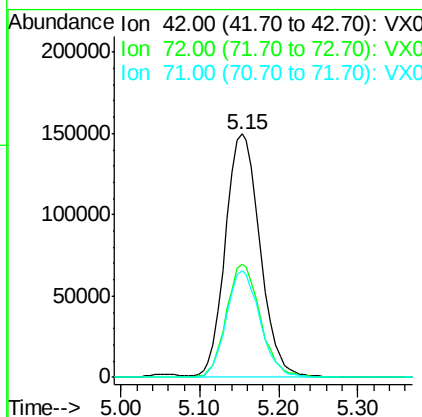
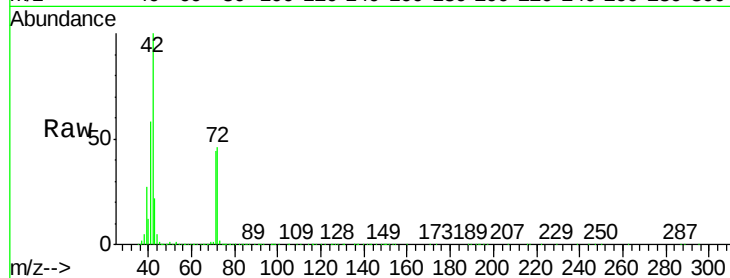
#29
Tetrahydrofuran
Concen: 246.143 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.9	37.6	56.4
71	42.7	34.6	51.8

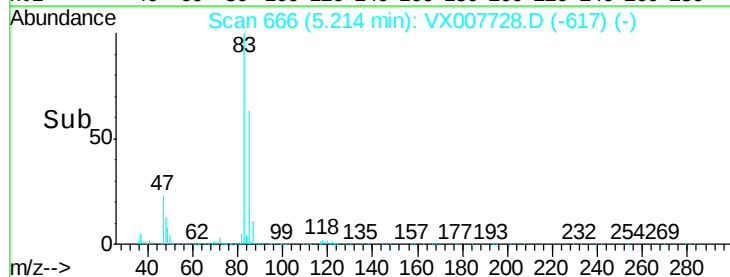
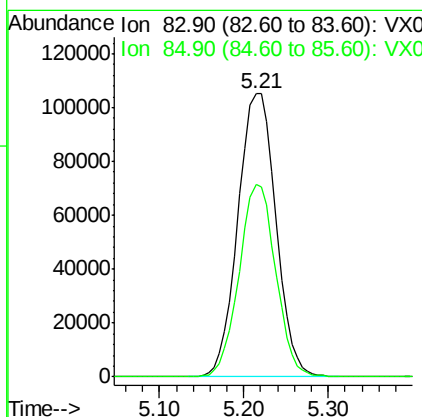
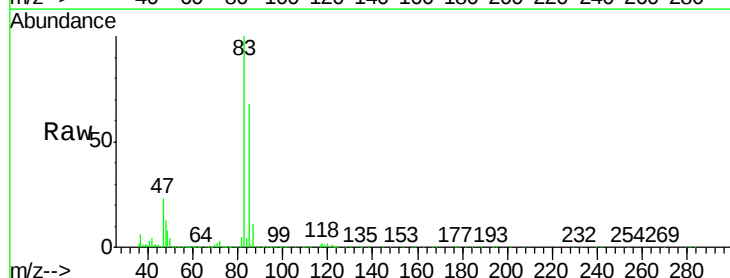
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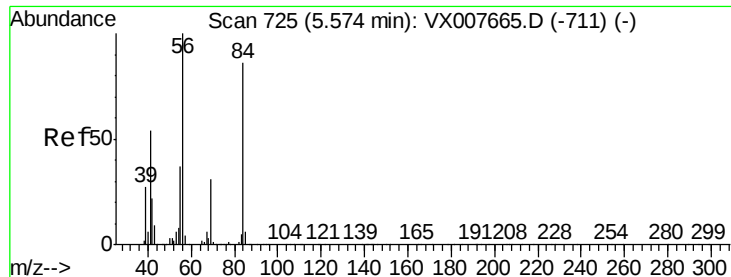
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#30
Chloroform
Concen: 48.833 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.8	51.6	77.4





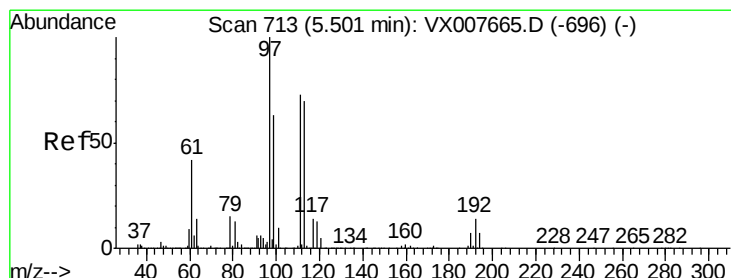
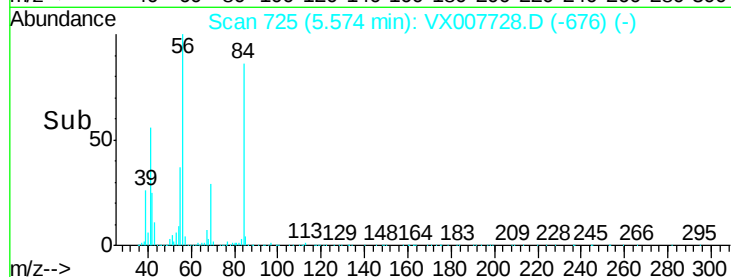
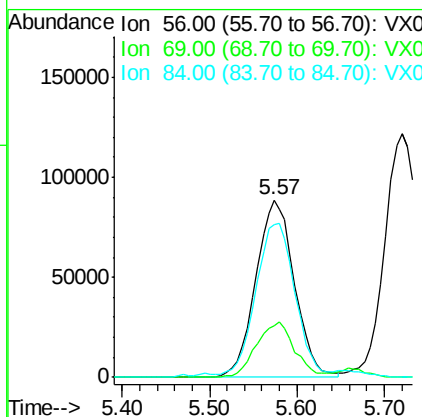
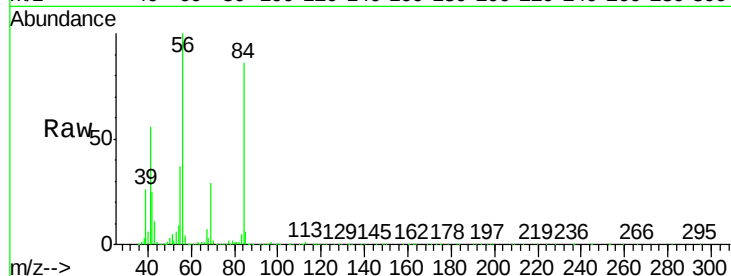
#31
Cyclohexane
Concen: 47.105 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.9	23.0	34.6
84	85.2	69.8	104.6

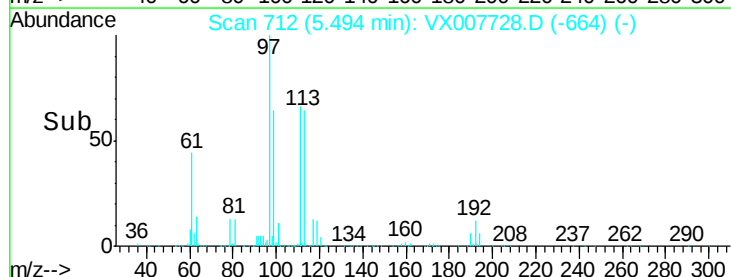
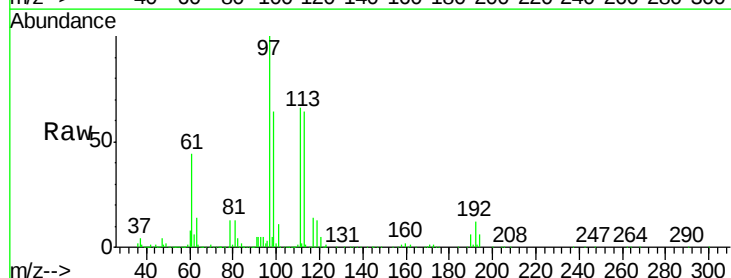
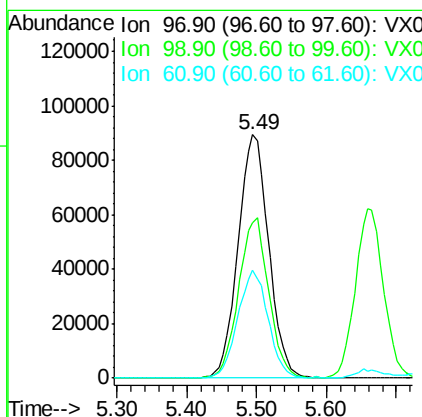
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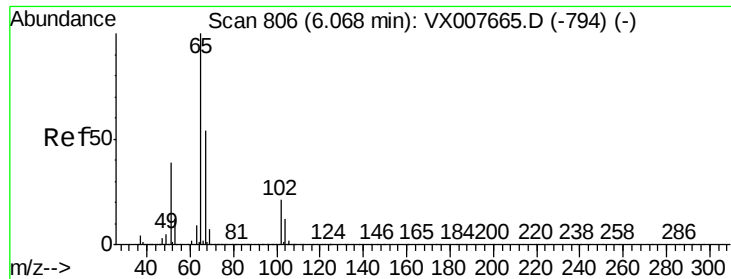
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#32
1,1,1-Trichloroethane
Concen: 50.035 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	52.2	78.2
61	43.5	32.7	49.1





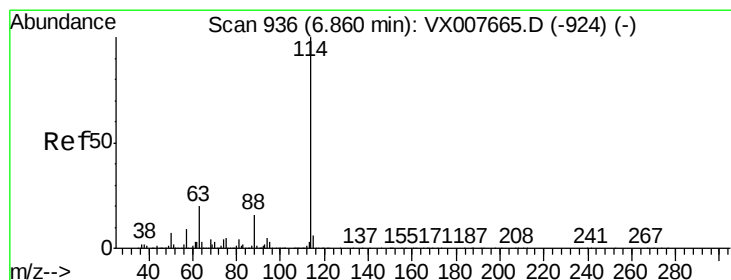
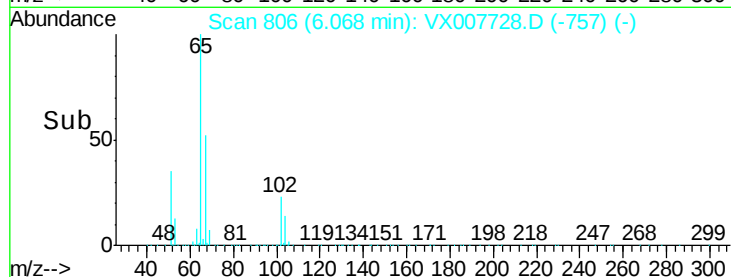
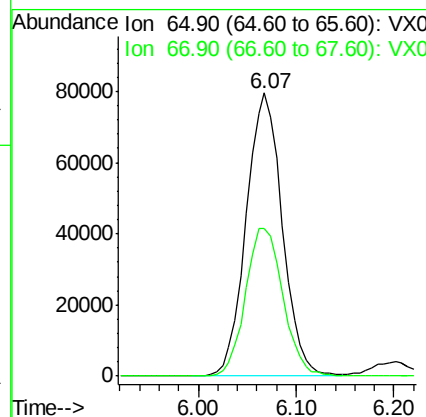
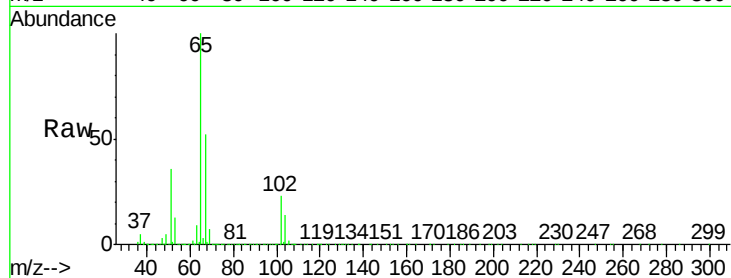
#33
 1,2-Dichloroethane-d4
 Concen: 49.060 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007728.D
 Acq: 26 Feb 2019 21:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	203616		
67	54.2	0.0	108.8	

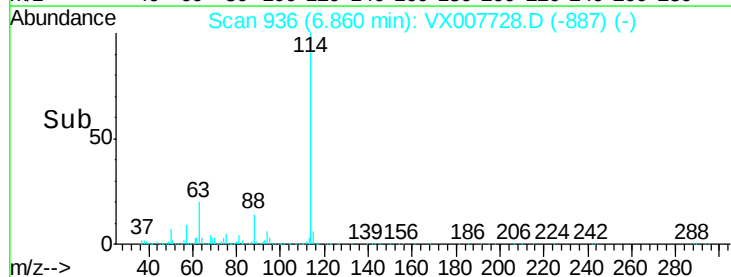
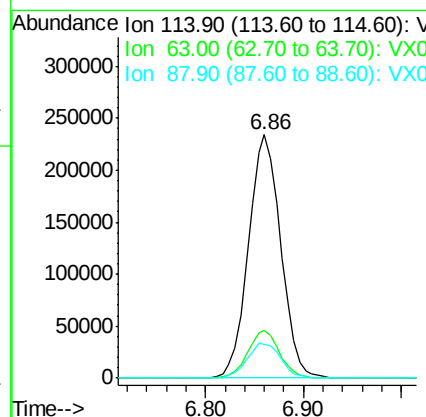
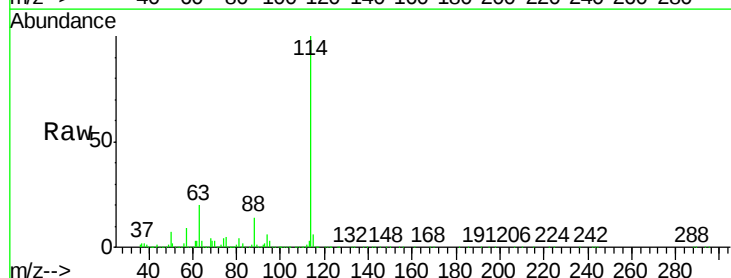
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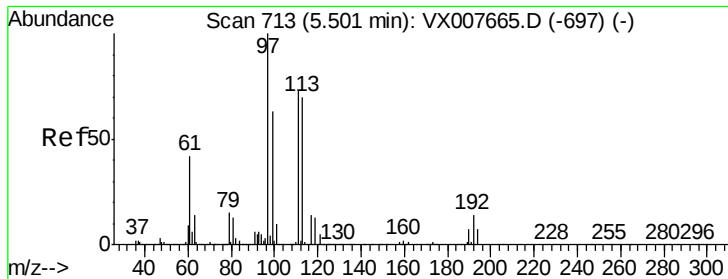
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007728.D
 Acq: 26 Feb 2019 21:46

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	536769		
63	19.5	0.0	35.6	
88	13.8	0.0	29.6	





#35

Dibromofluoromethane

Concen: 50.575 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

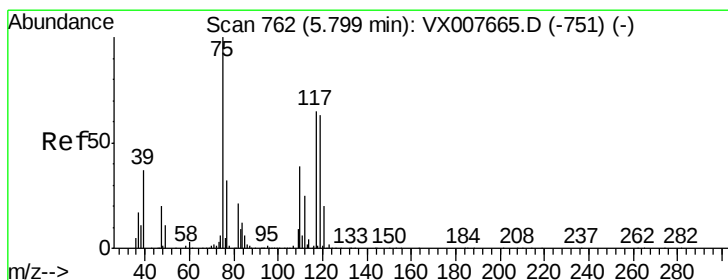
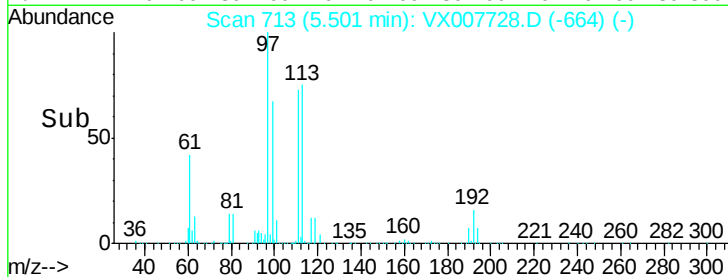
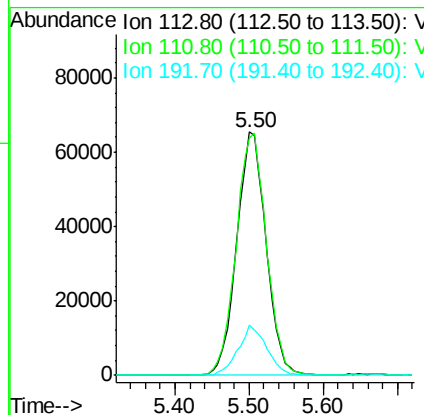
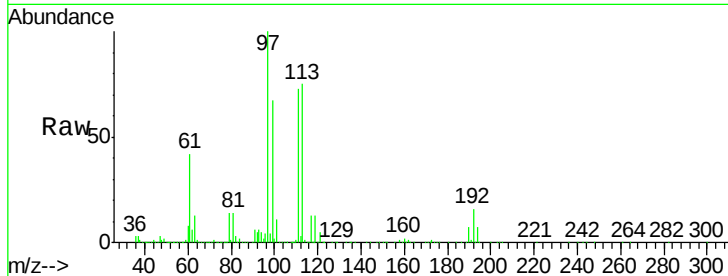
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	181470
Ion Ratio	Lower	Upper	
113	100		
111	102.7	81.8	122.8
192	20.0	18.5	27.7

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#36

1,1-Dichloropropene

Concen: 48.377 ug/l

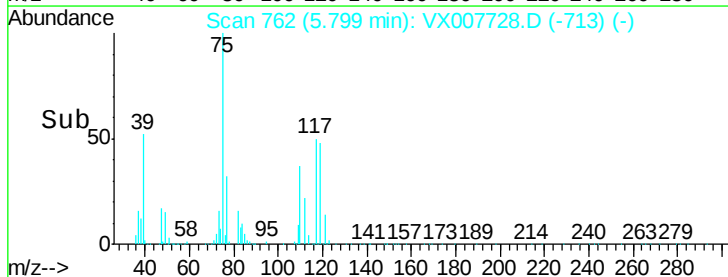
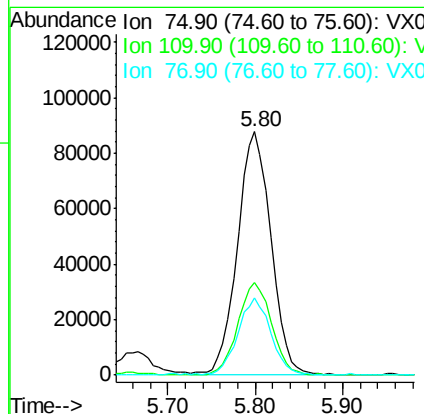
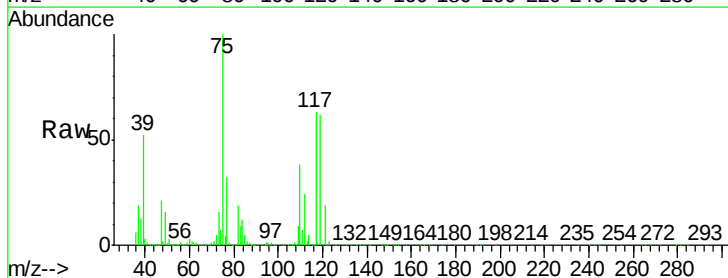
RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Tgt Ion:	75	Resp:	233454
Ion Ratio	Lower	Upper	
75	100		
110	38.1	20.0	59.9
77	30.7	24.7	37.1





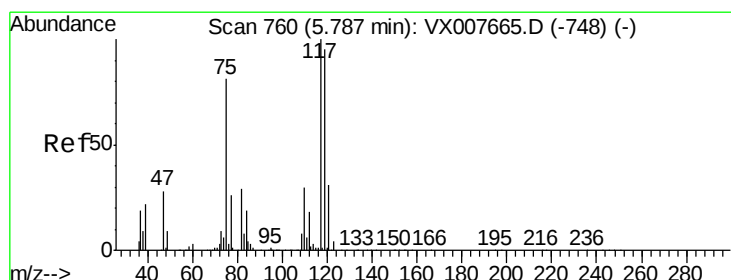
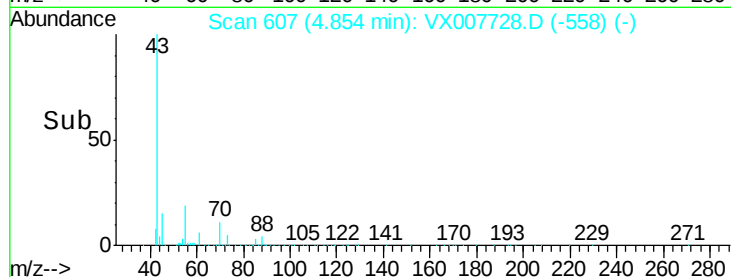
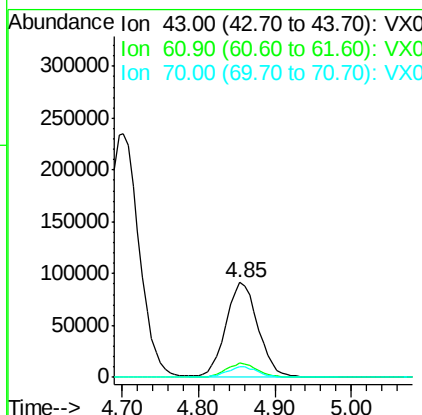
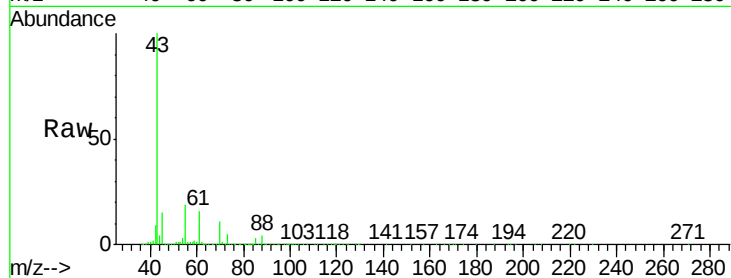
#37
Ethyl Acetate
Concen: 49.532 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	265520
Ion Ratio	Lower	Upper	
43	100		
61	14.1	11.3	16.9
70	10.8	8.6	13.0

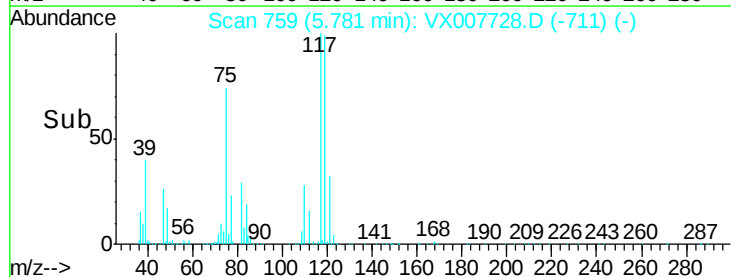
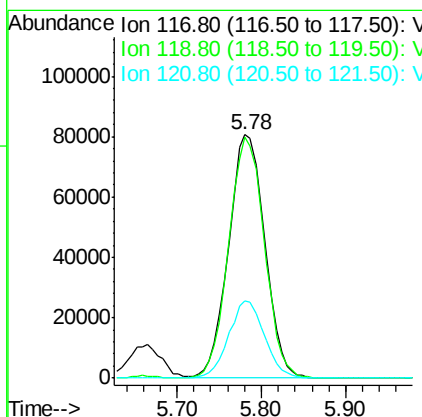
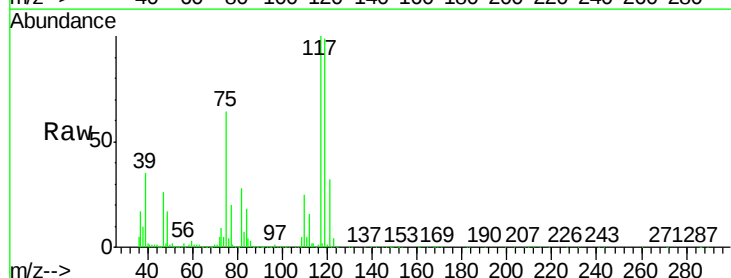
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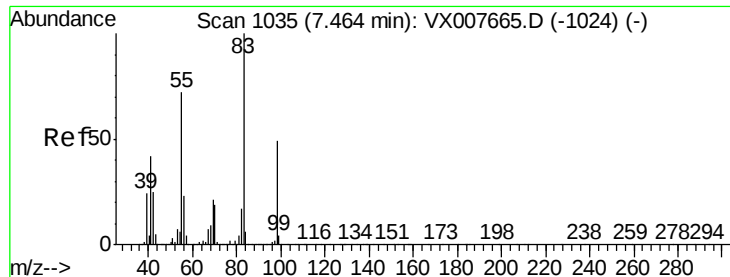
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#38
Carbon Tetrachloride
Concen: 48.509 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

Tgt Ion	117	Resp	235147
Ion Ratio	Lower	Upper	
117	100		
119	98.9	75.3	112.9
121	31.8	25.0	37.4





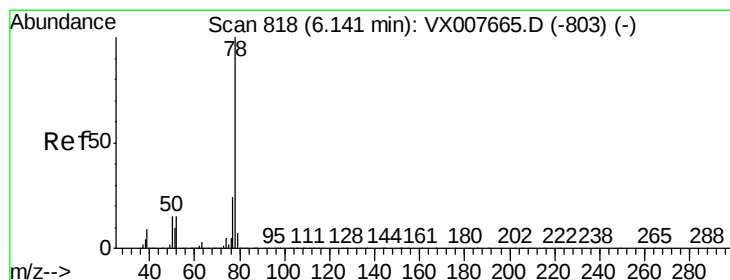
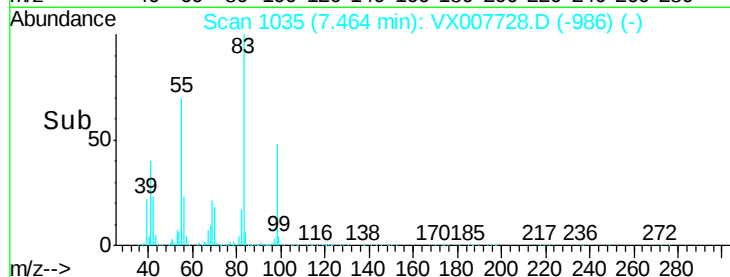
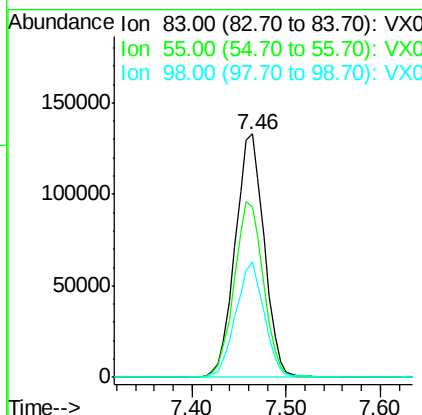
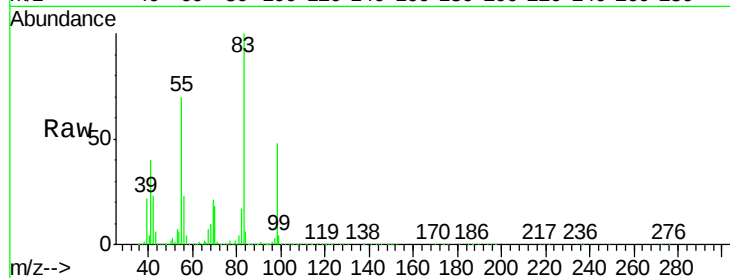
#39
Methvlcvclohexane
Concen: 46.628 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.2	56.2	84.2
98	47.6	36.8	55.2

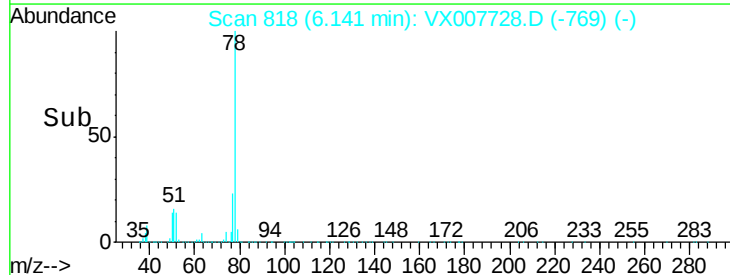
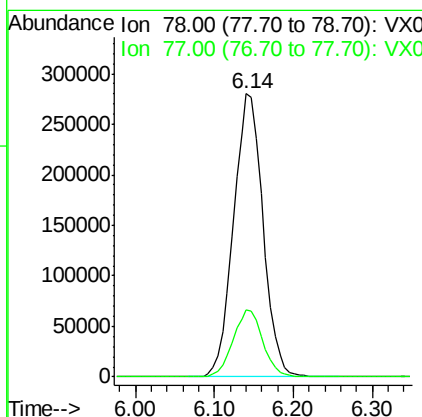
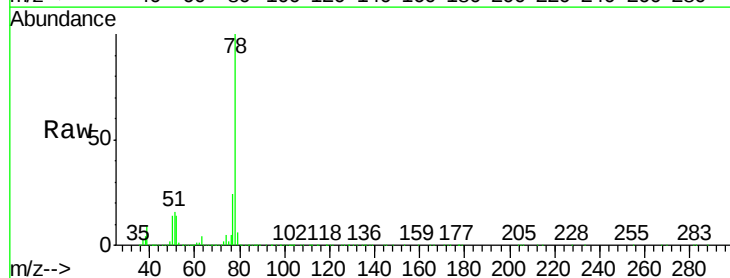
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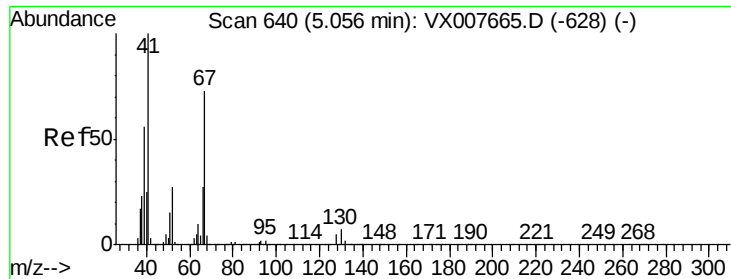
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#40
Benzene
Concen: 48.753 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.3	28.9





#41

Methacrylonitrile

Concen: 50.872 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

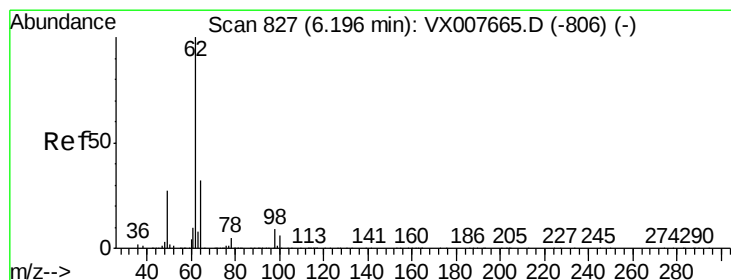
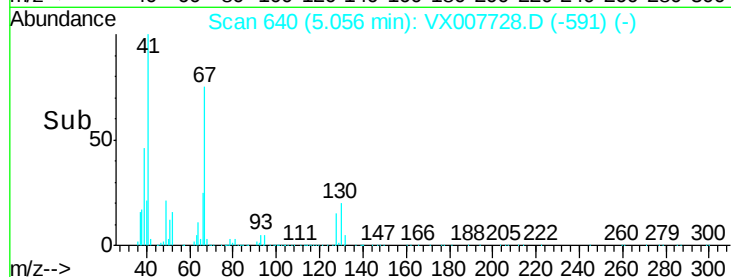
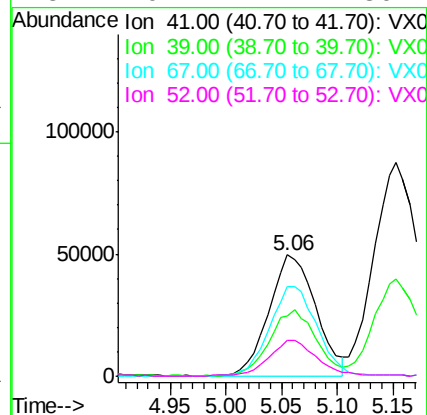
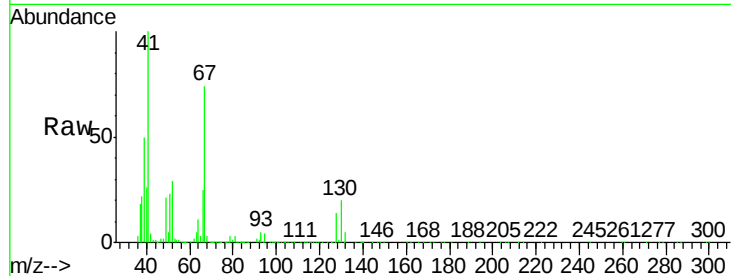
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		145621		
39	53.3	44.5	66.7		
67	75.3	60.4	90.6		
52	29.1	24.1	36.1		

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#42

1,2-Dichloroethane

Concen: 48.810 ug/l

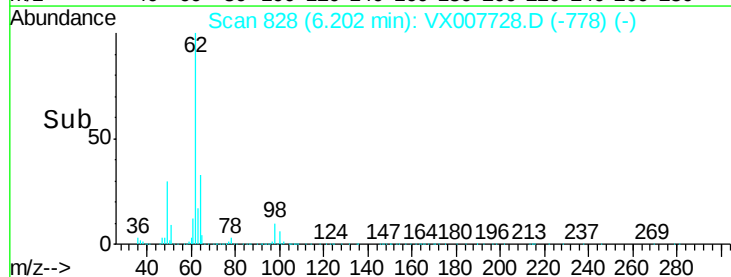
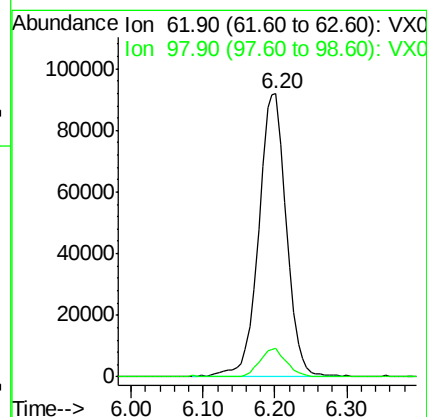
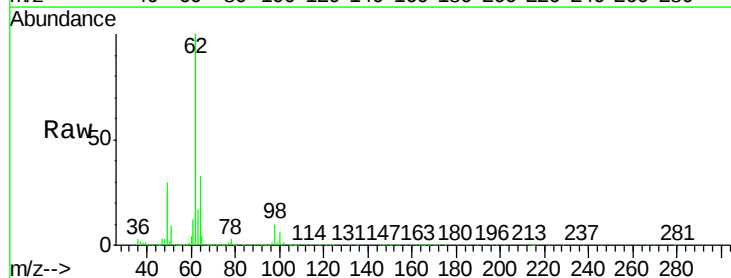
RT: 6.20 min Scan# 828

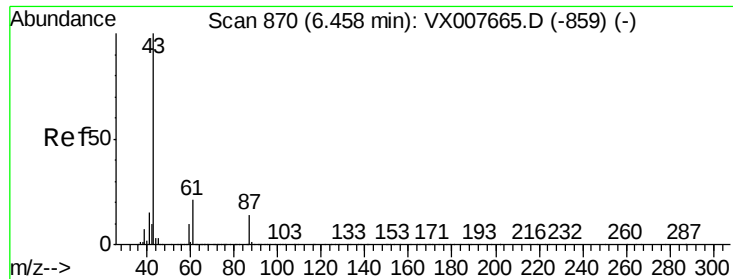
Delta R.T. 0.01 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		244390		
98	9.7	0.0	19.0		





#43

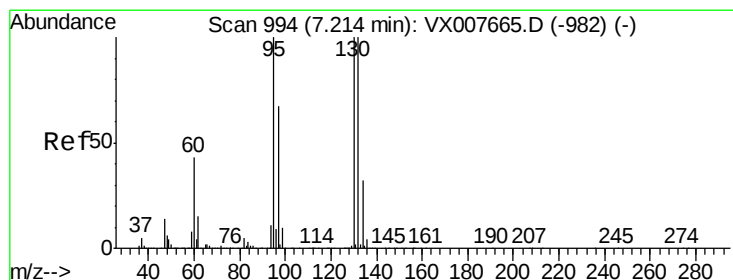
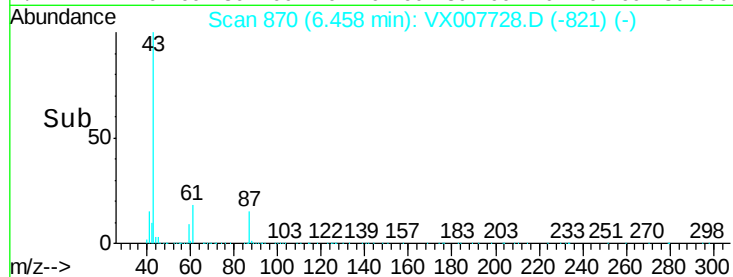
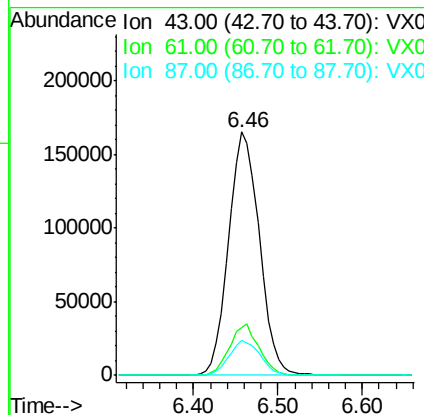
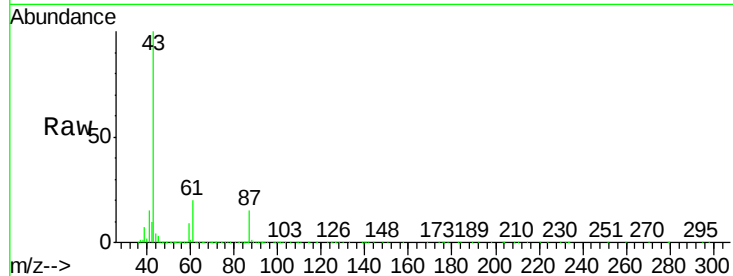
Isopropyl Acetate
 Concen: 49.607 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX007728.D
 Acq: 26 Feb 2019 21:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.1	24.1
87	14.3	11.5	17.3

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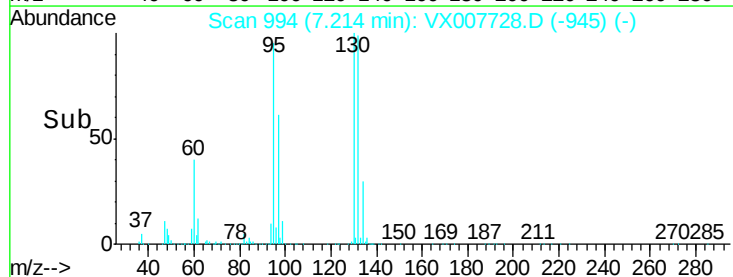
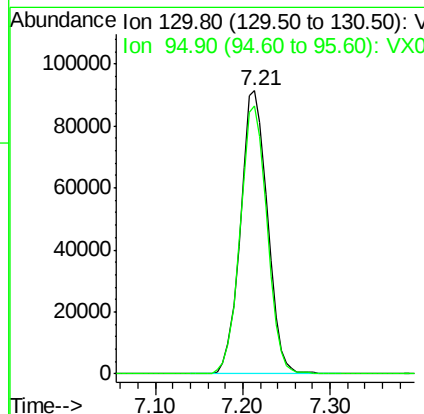
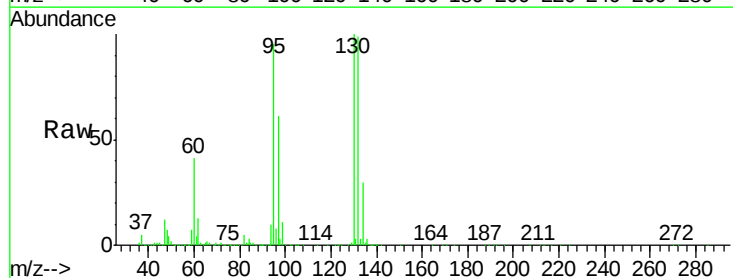
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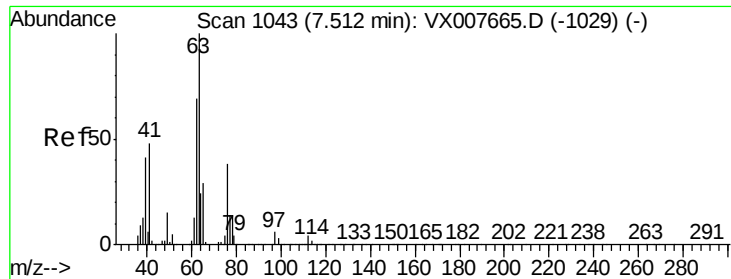


#44

Trichloroethene
 Concen: 47.764 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX007728.D
 Acq: 26 Feb 2019 21:46

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.8	0.0	180.0





#45

1,2-Dichloropropane

Concen: 48.038 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 185370

Ion Ratio Lower Upper

63 100

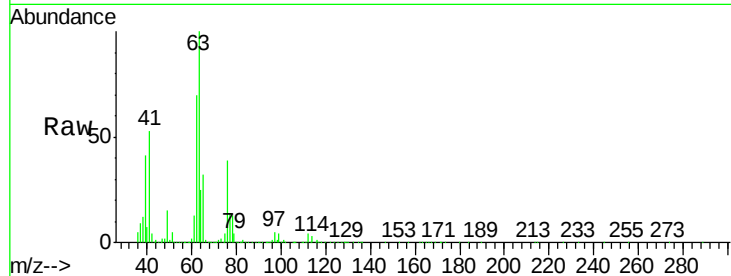
65 32.2 24.2 36.2

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

80000

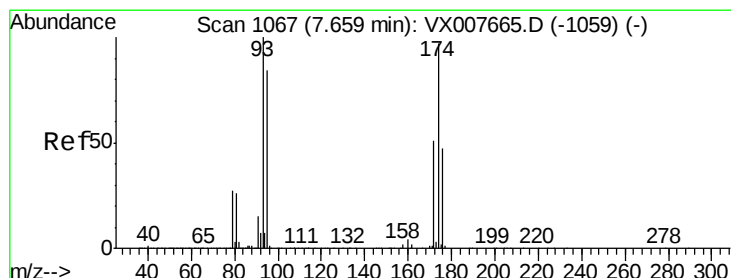
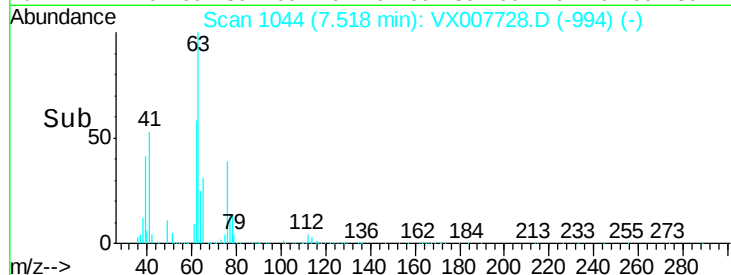
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 47.677 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

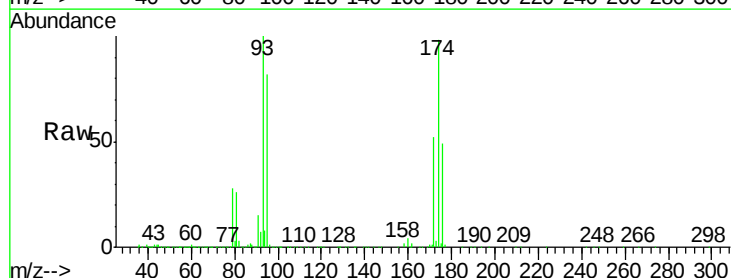
Tgt Ion: 93 Resp: 128352

Ion Ratio Lower Upper

93 100

95 83.1 67.6 101.4

174 102.8 94.2 141.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

7.66

80000

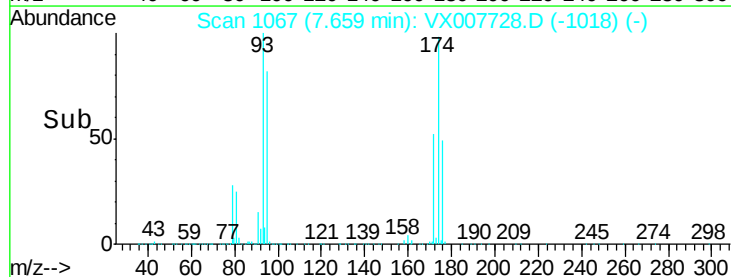
60000

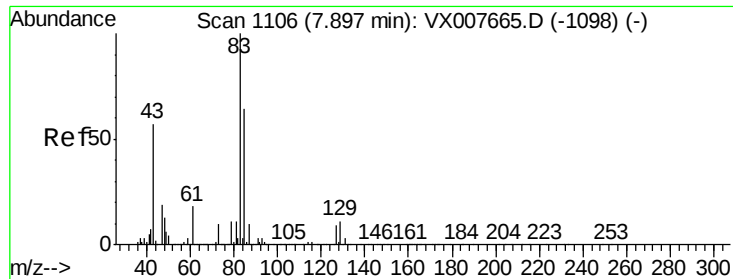
40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 50.305 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

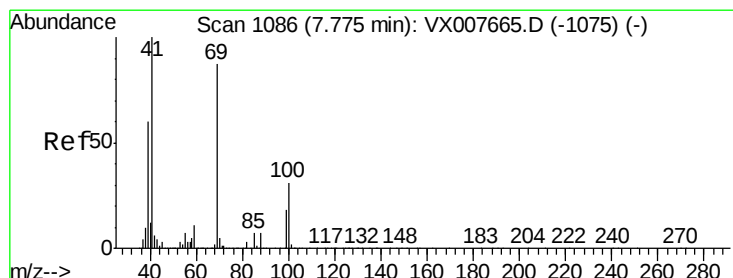
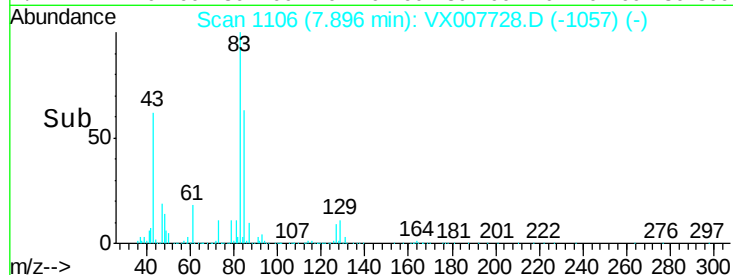
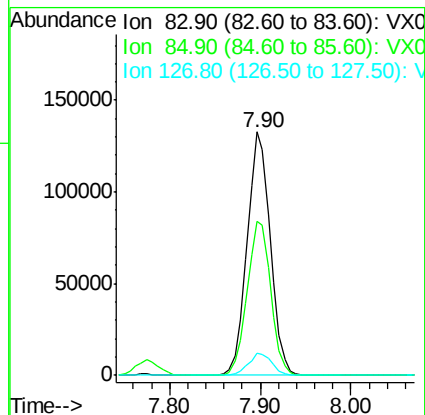
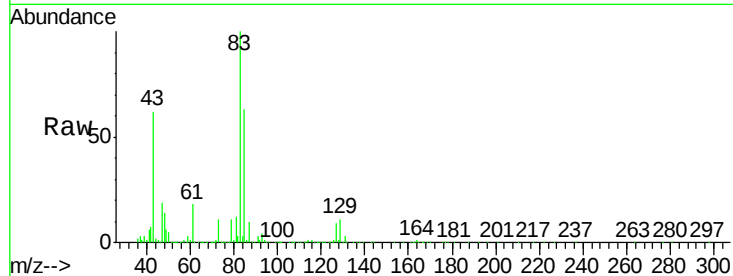
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	234688
Ion Ratio	Lower	Upper	
83	100		
85	63.4	51.4	77.0
127	8.9	8.1	12.1

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#48

Methyl methacrylate

Concen: 48.865 ug/l

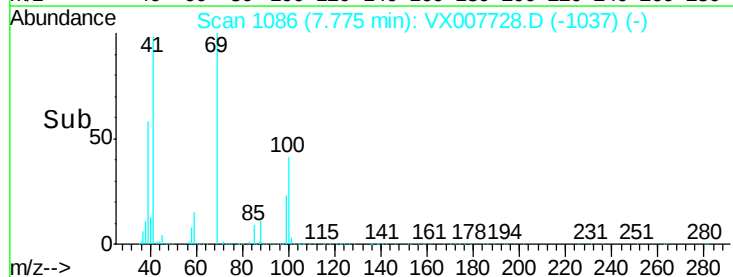
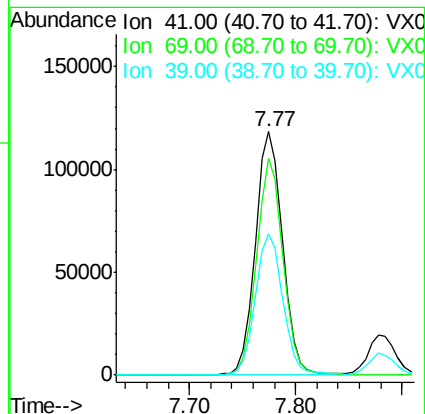
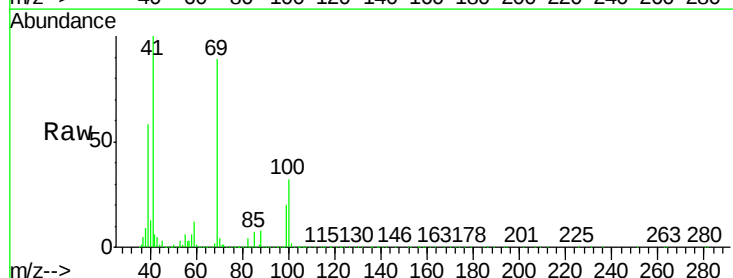
RT: 7.77 min Scan# 1086

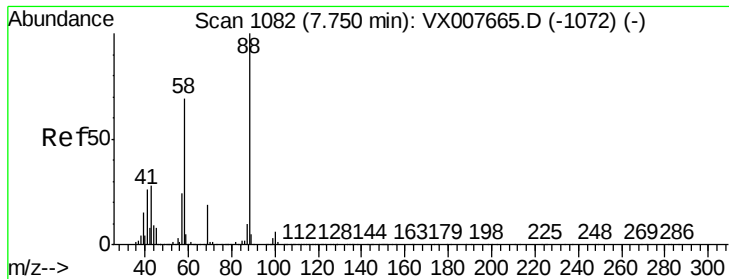
Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Tgt Ion:	41	Resp:	211325
Ion Ratio	Lower	Upper	
41	100		
69	87.6	70.2	105.4
39	59.1	47.4	71.0





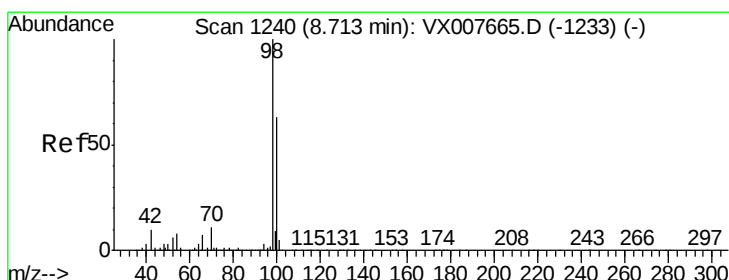
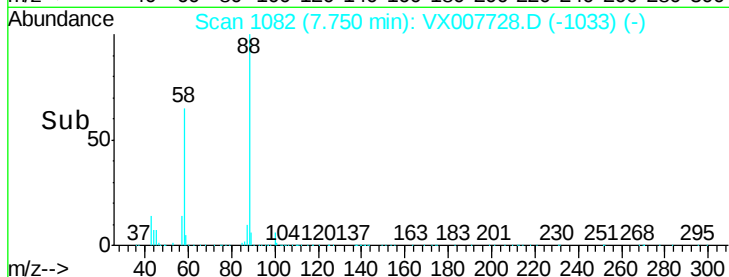
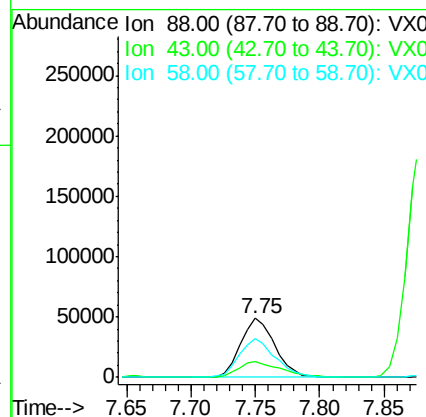
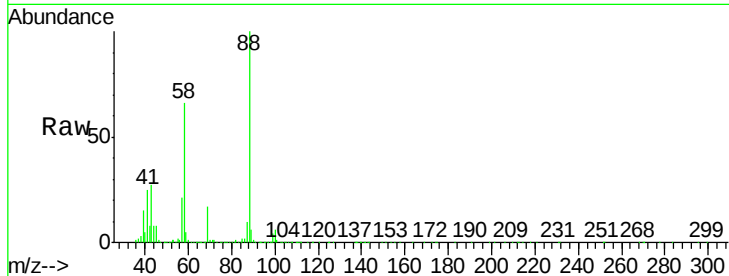
#49
1,4-Dioxane
Concen: 968.403 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.2	24.2	36.4
58	68.1	53.0	79.4

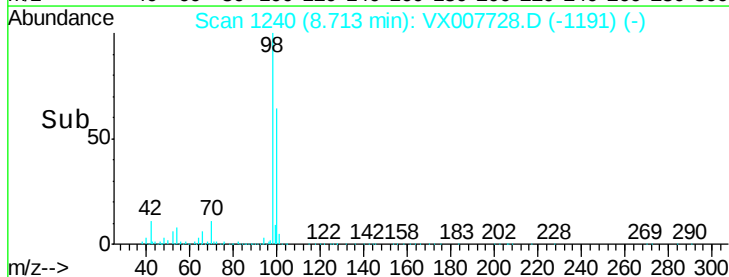
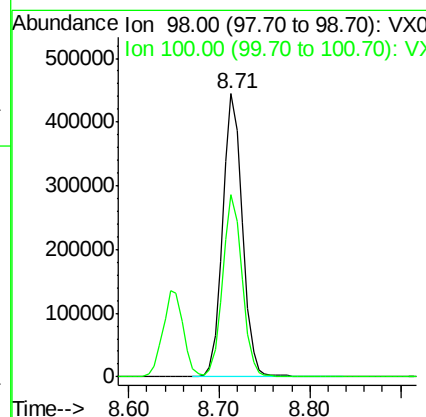
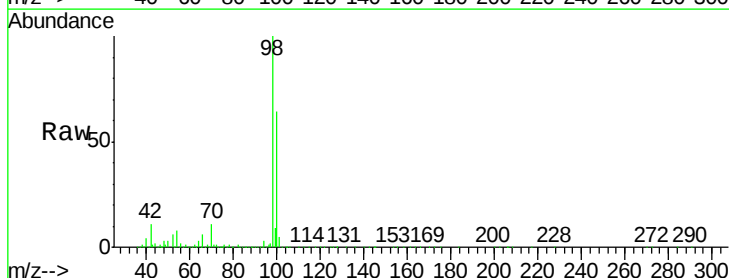
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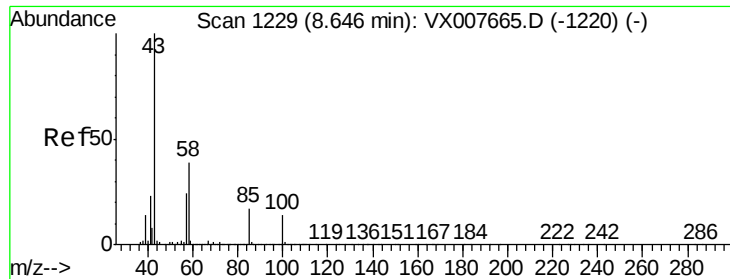
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#50
Toluene-d8
Concen: 49.098 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 247.342 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1365962

Ion Ratio Lower Upper

43 100

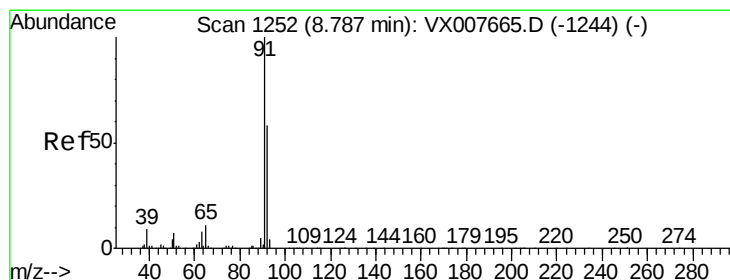
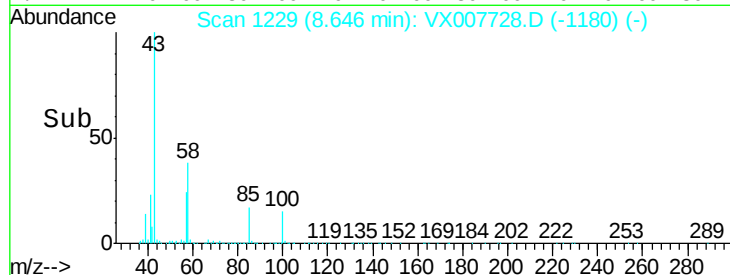
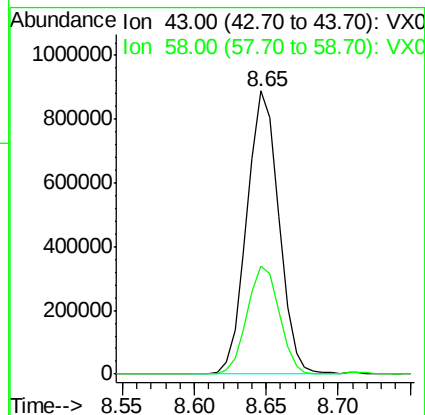
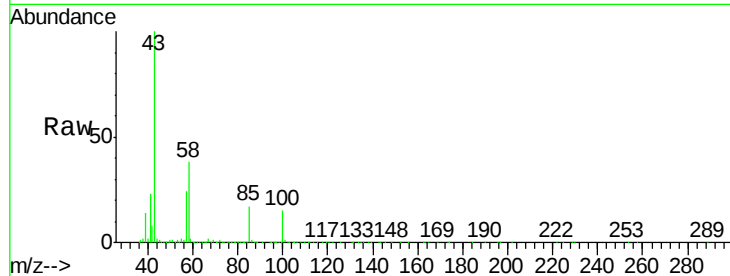
58 38.6 31.2 46.8

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#52

Toluene

Concen: 48.470 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007728.D

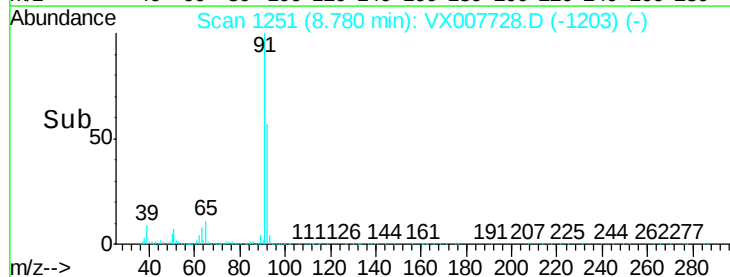
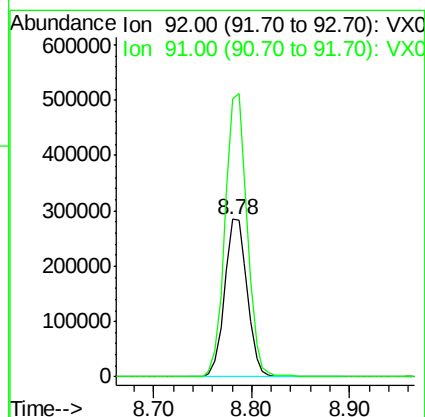
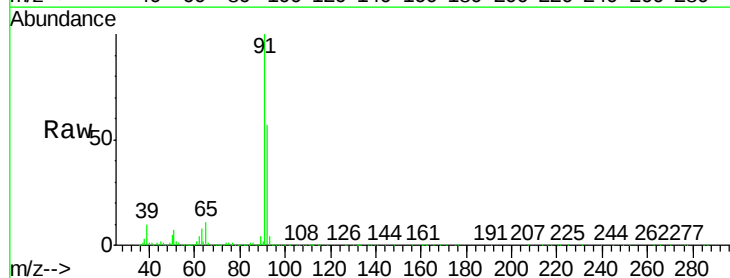
Acq: 26 Feb 2019 21:46

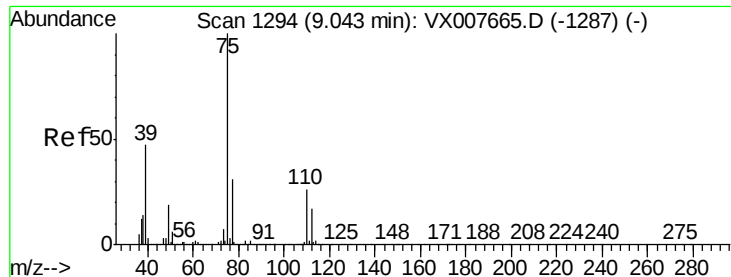
Tgt Ion: 92 Resp: 455316

Ion Ratio Lower Upper

92 100

91 176.3 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 44.688 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 257358

Ion Ratio Lower Upper

75 100

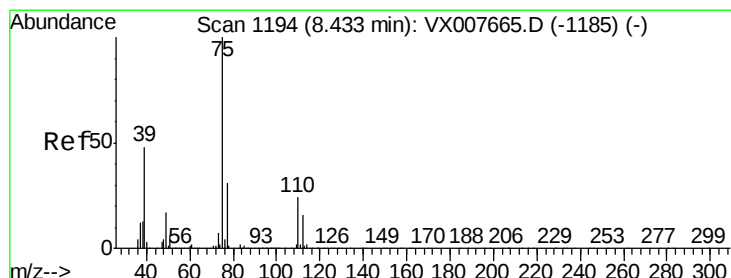
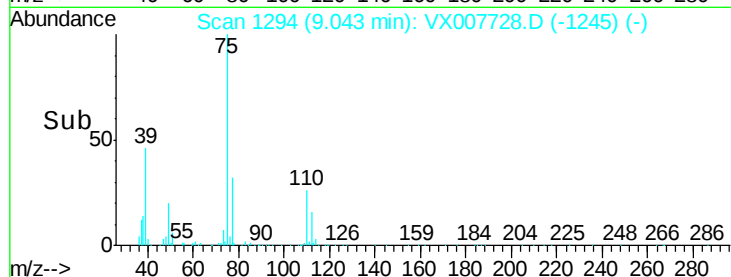
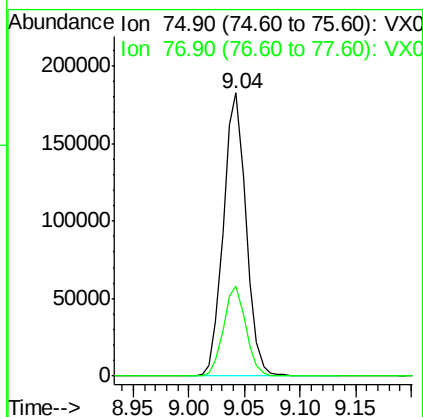
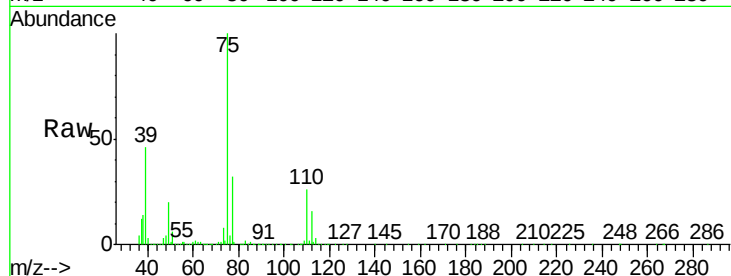
77 31.8 25.2 37.8

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#54

cis-1,3-Dichloropropene

Concen: 49.510 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

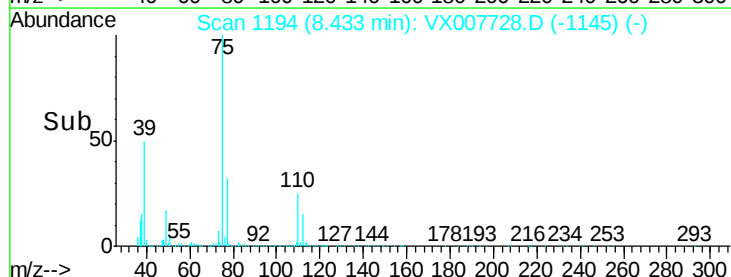
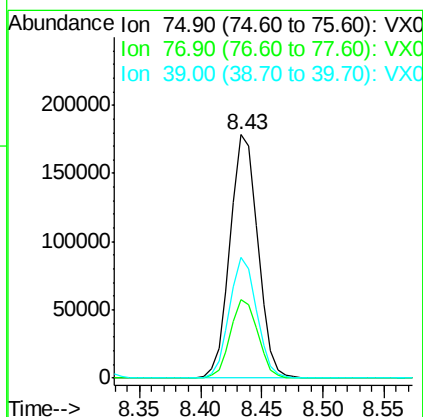
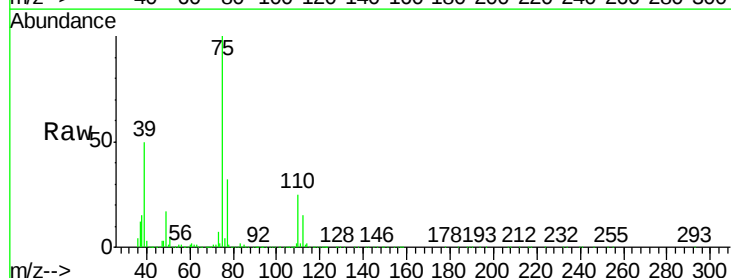
Tgt Ion: 75 Resp: 280302

Ion Ratio Lower Upper

75 100

77 32.2 26.2 39.4

39 49.5 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 48.647 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

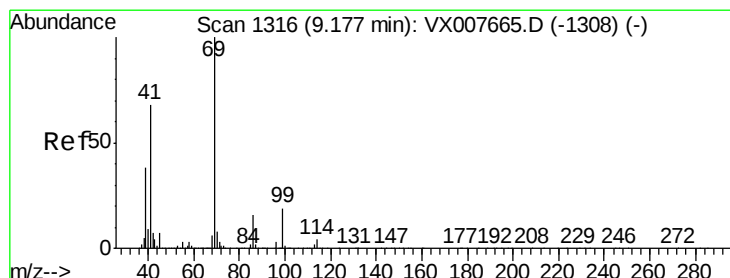
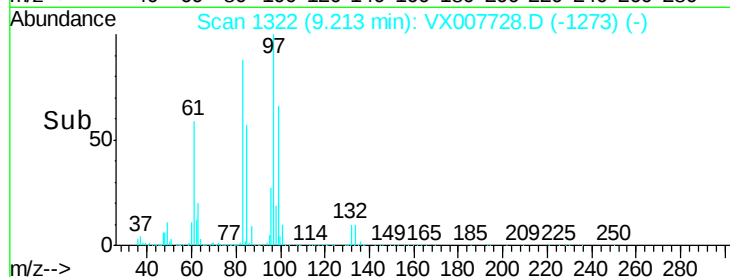
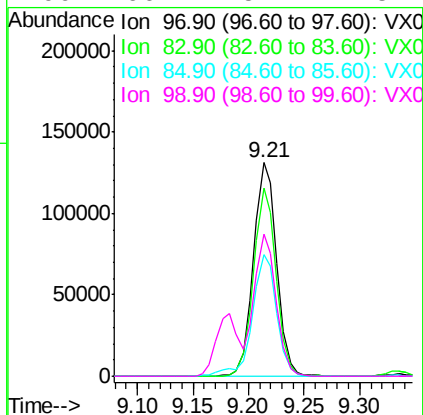
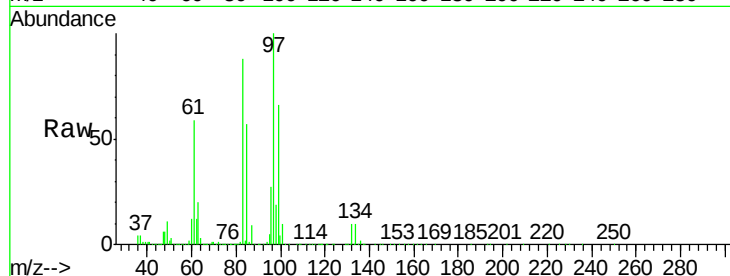
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	190560
Ion	Ratio	Lower	Upper
97	100		
83	88.3	68.6	102.8
85	57.1	44.5	66.7
99	66.4	52.2	78.4

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#56

Ethyl methacrylate

Concen: 50.080 ug/l

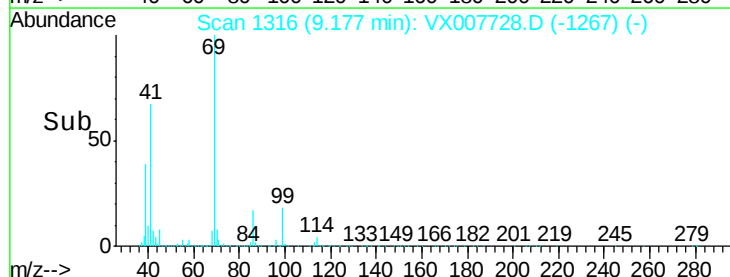
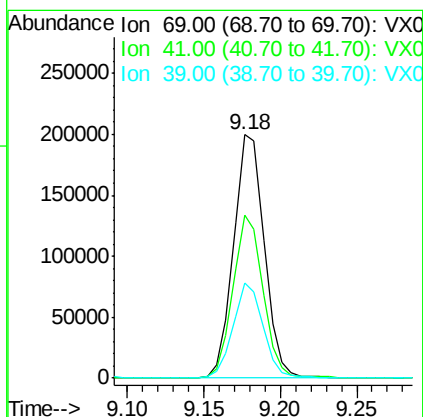
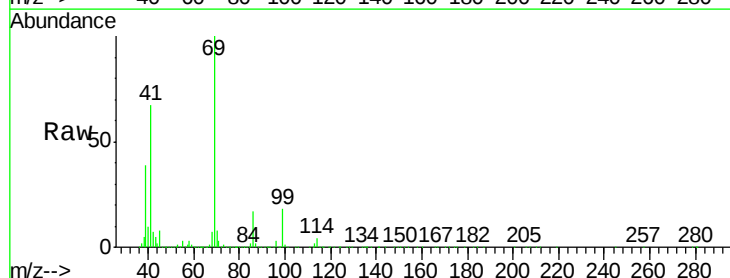
RT: 9.18 min Scan# 1316

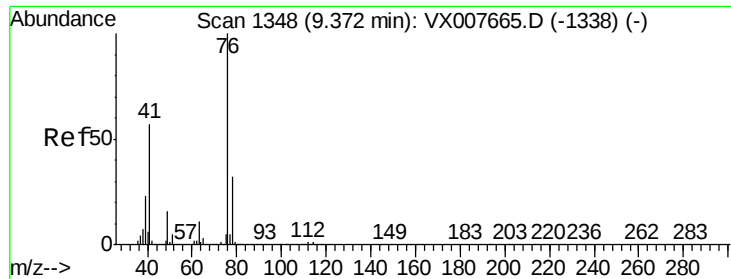
Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Tgt Ion:	69	Resp:	278974
Ion	Ratio	Lower	Upper
69	100		
41	66.0	52.1	78.1
39	37.9	30.1	45.1





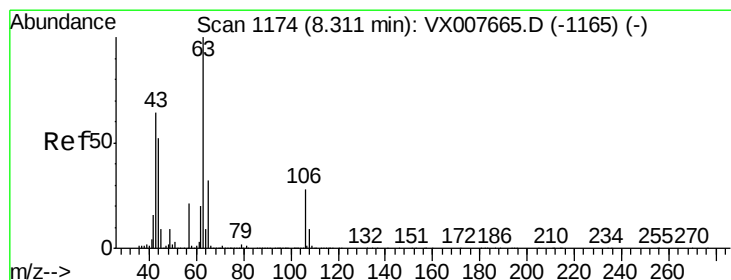
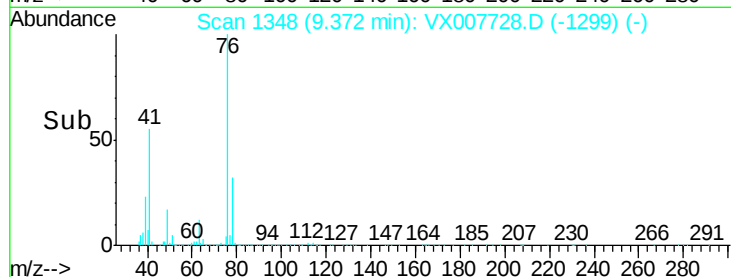
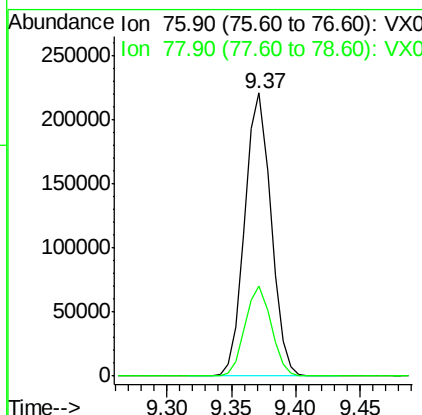
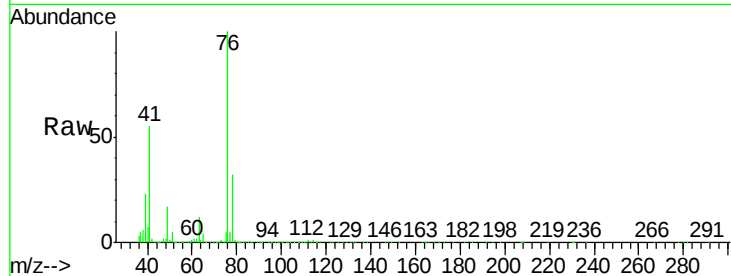
#57
 1,3-Dichloropropane
 Concen: 49.660 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX007728.D
 Acq: 26 Feb 2019 21:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.7	25.8	38.8

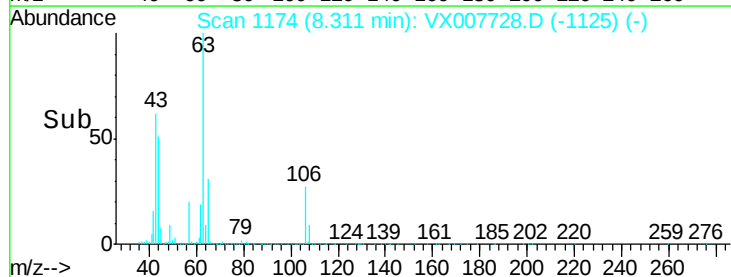
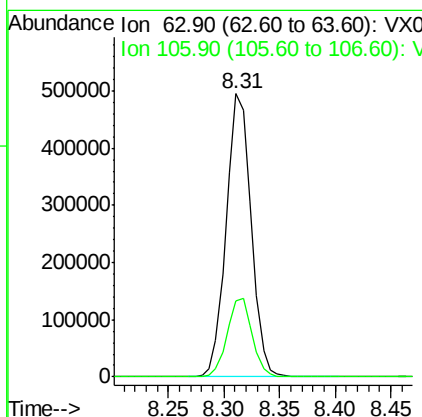
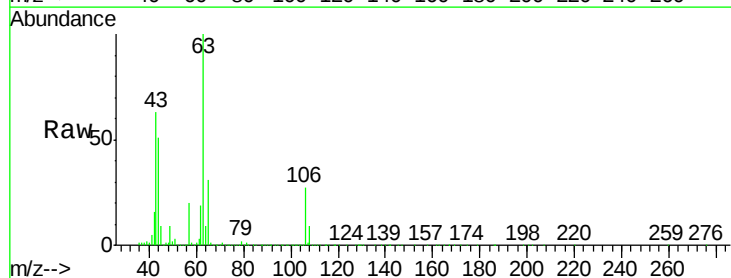
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#58
 2-Chloroethyl Vinyl ether
 Concen: 249.310 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX007728.D
 Acq: 26 Feb 2019 21:46

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.0	23.6	35.4





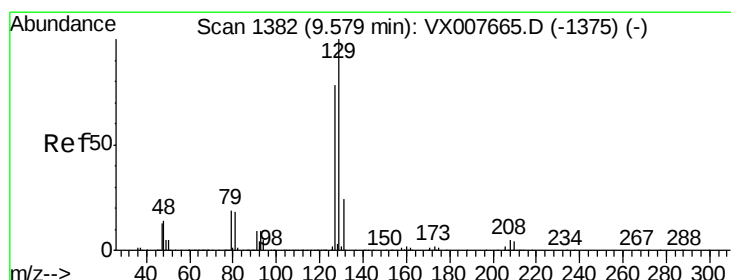
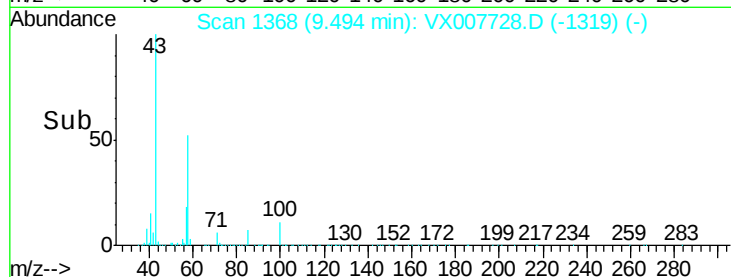
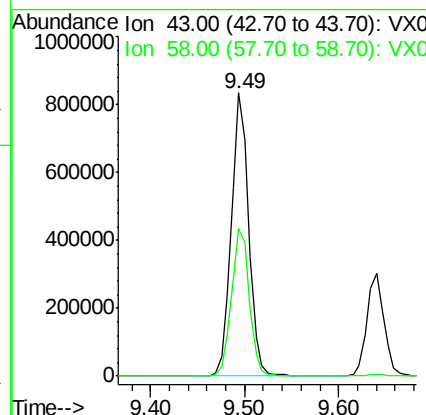
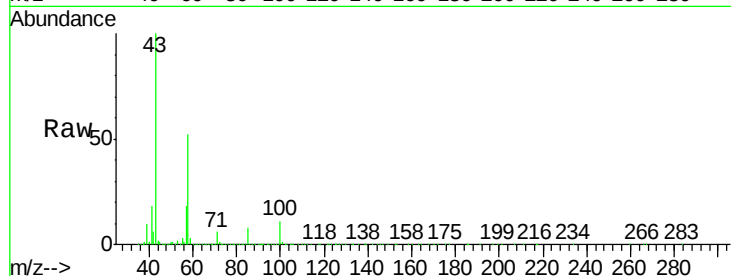
#59
2-Hexanone
Concen: 245.967 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1066444
Ion Ratio Lower Upper
43 100
58 53.7 27.1 81.3

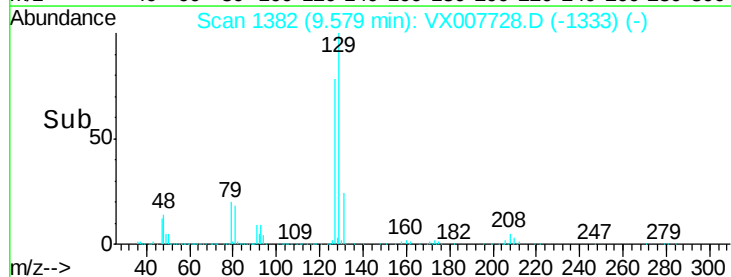
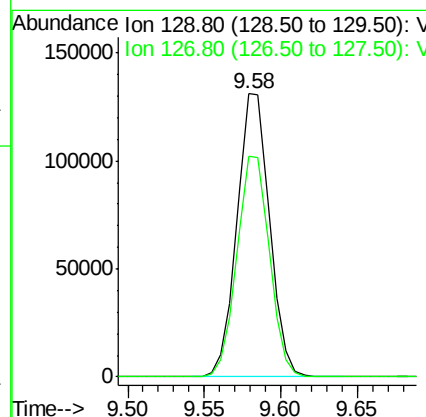
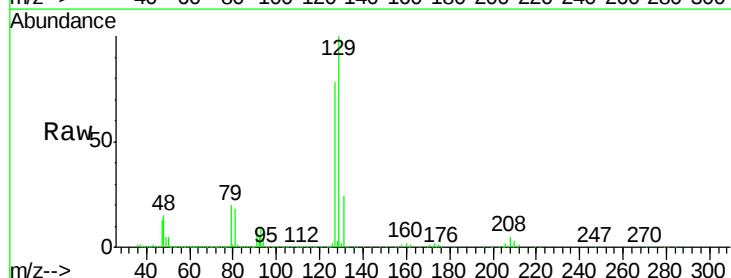
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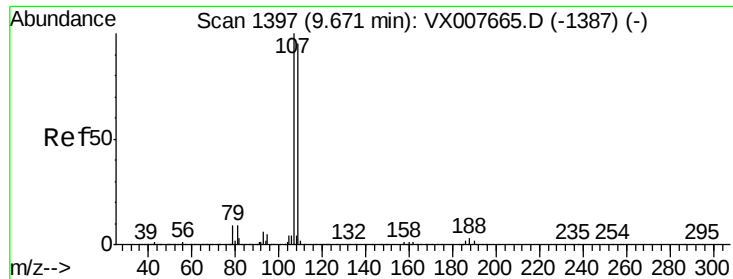
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#60
Dibromochloromethane
Concen: 51.393 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

Tgt Ion: 129 Resp: 193715
Ion Ratio Lower Upper
129 100
127 77.8 37.8 113.4





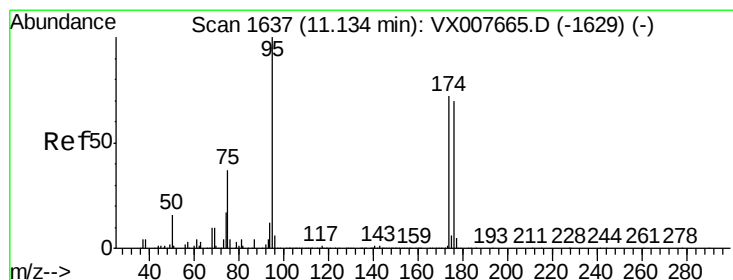
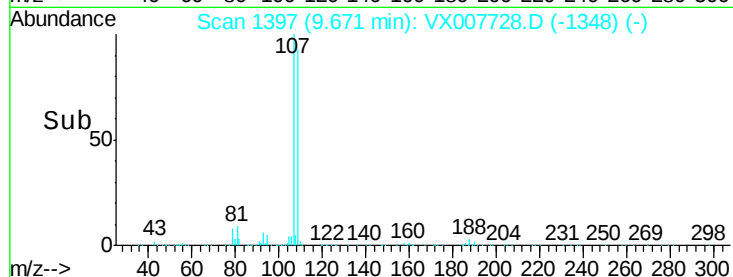
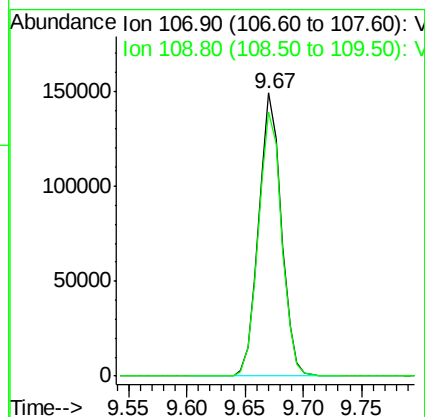
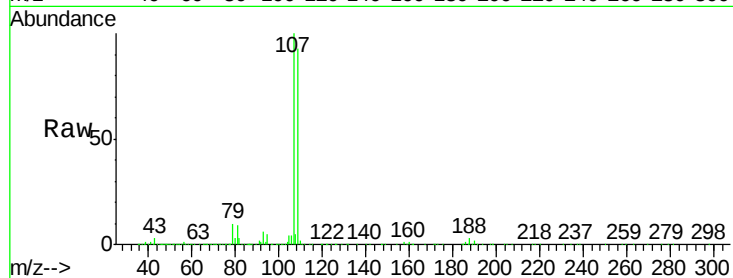
#61
 1,2-Dibromoethane
 Concen: 50.036 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX007728.D
 Acq: 26 Feb 2019 21:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100	203499		
109	96.0	75.1	112.7	

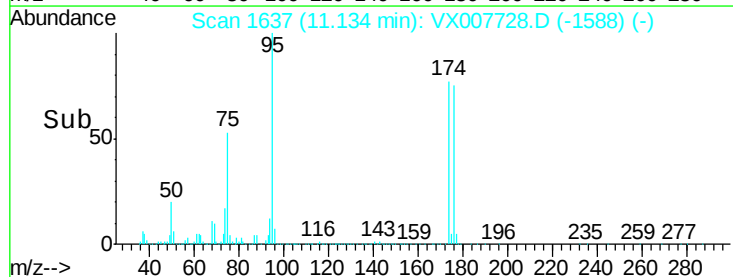
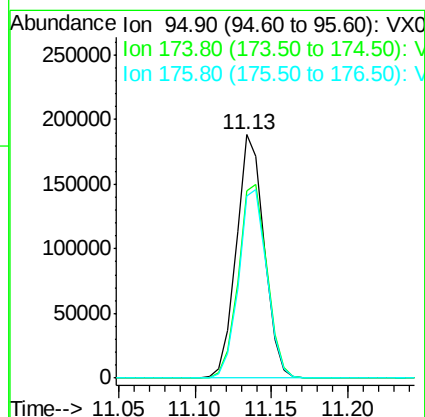
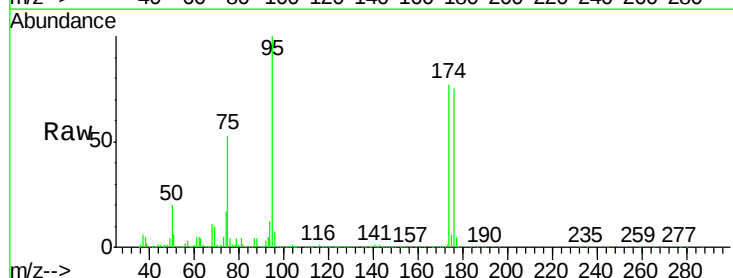
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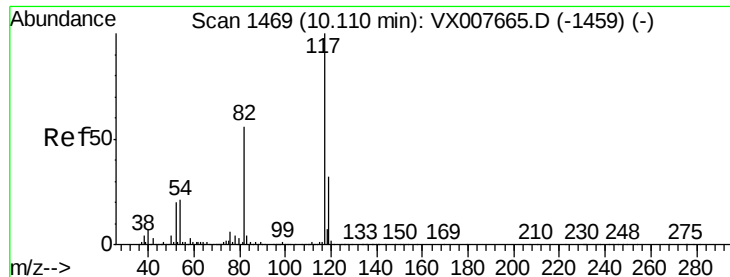
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#62
 4-Bromofluorobenzene
 Concen: 47.032 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX007728.D
 Acq: 26 Feb 2019 21:46

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	237127		
174	82.0	0.0	189.2	
176	78.6	0.0	186.2	





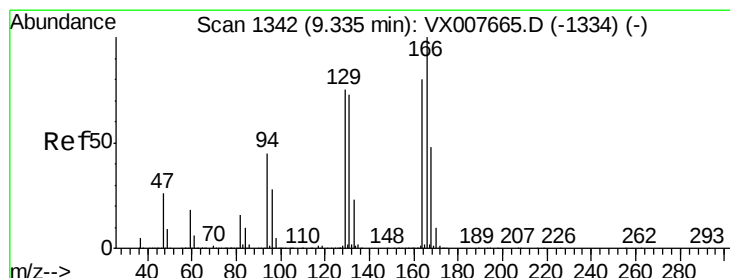
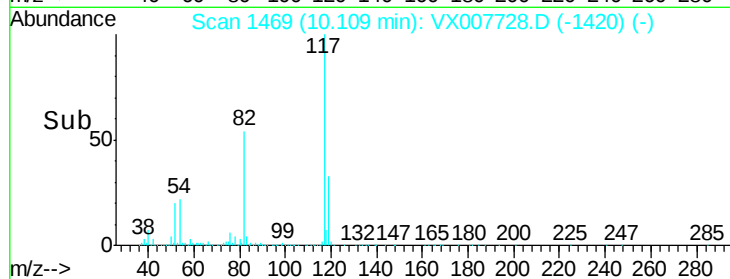
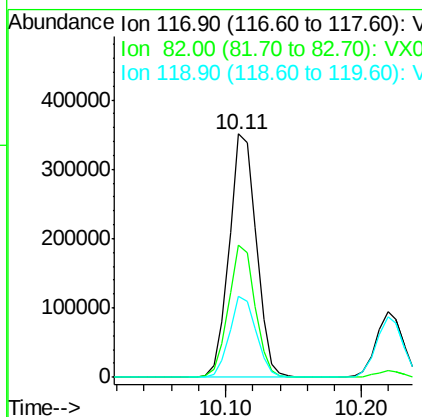
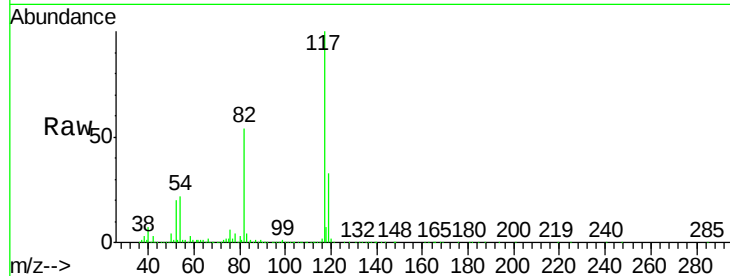
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	42.1	63.1
119	33.4	26.5	39.7

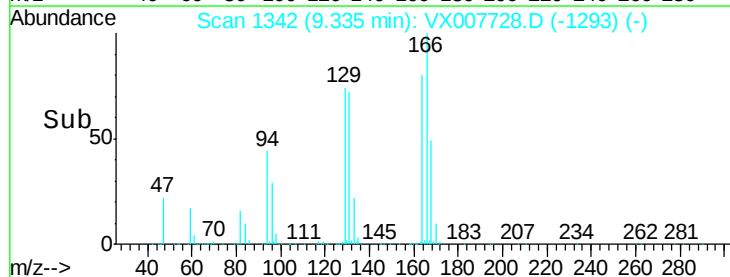
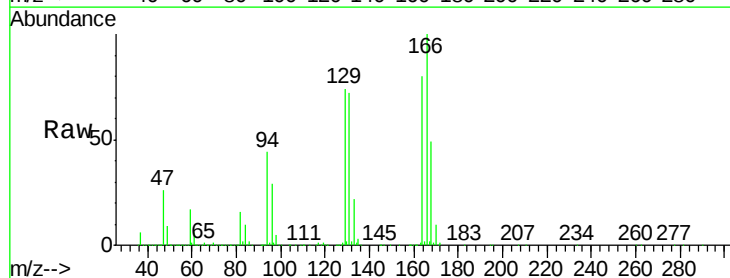
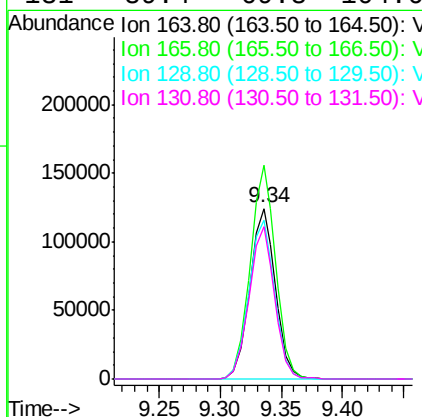
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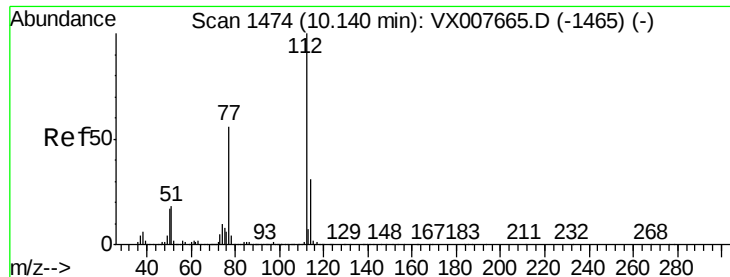
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#64
Tetrachloroethene
Concen: 45.791 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.9	101.0	151.4
129	92.8	70.5	105.7
131	89.4	69.8	104.6





#65

Chlorobenzene

Concen: 47.986 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 504830

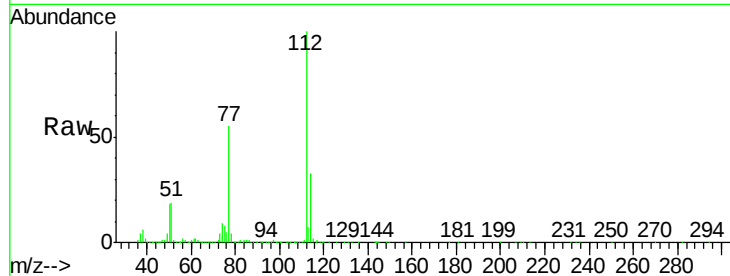
Ion Ratio Lower Upper

112 100

114 32.6 25.8 38.6

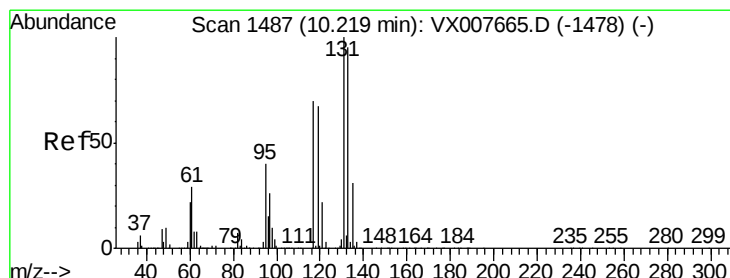
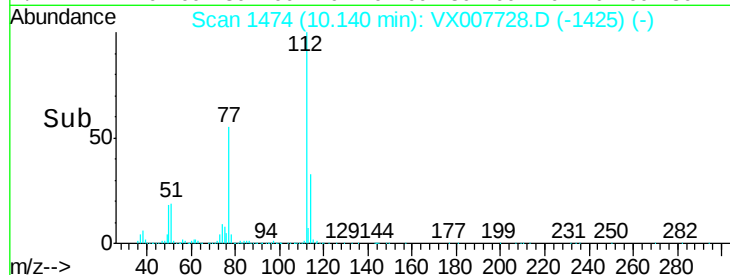
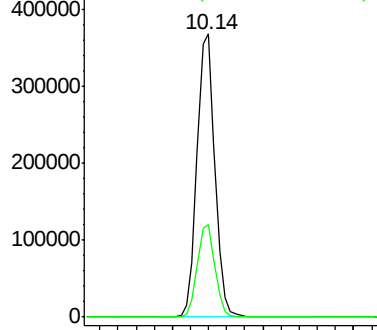
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.434 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

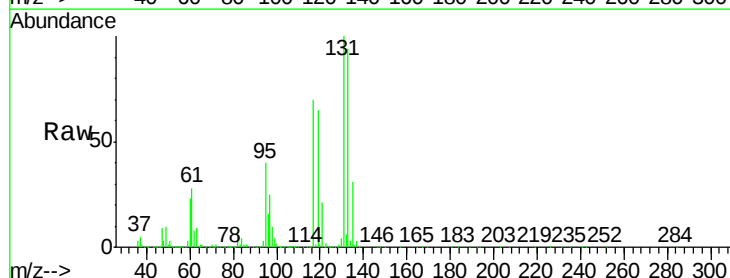
Tgt Ion:131 Resp: 181410

Ion Ratio Lower Upper

131 100

133 96.3 48.0 144.2

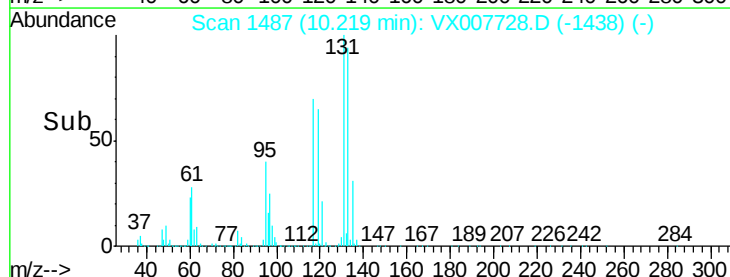
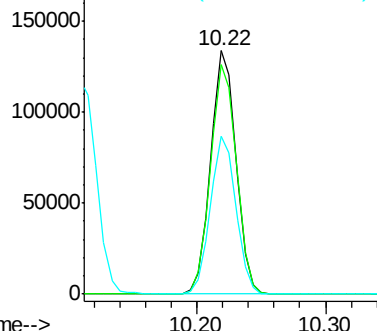
119 65.4 32.0 96.0

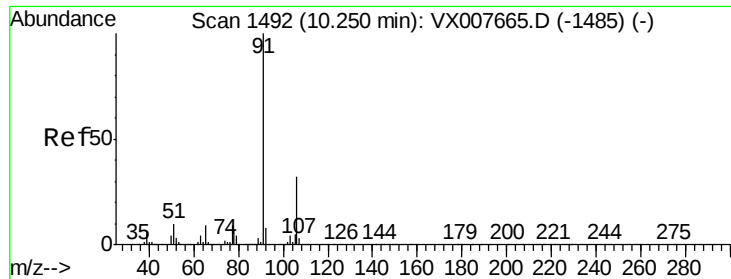


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 49.040 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 854662

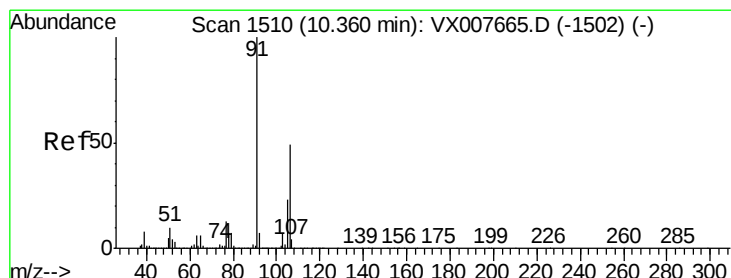
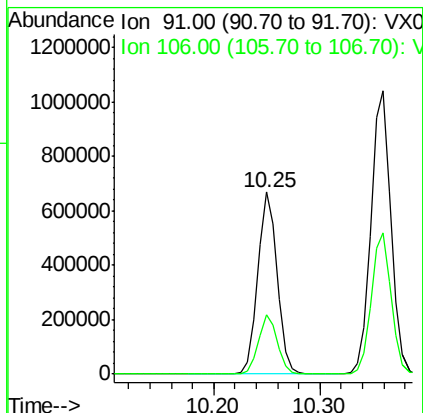
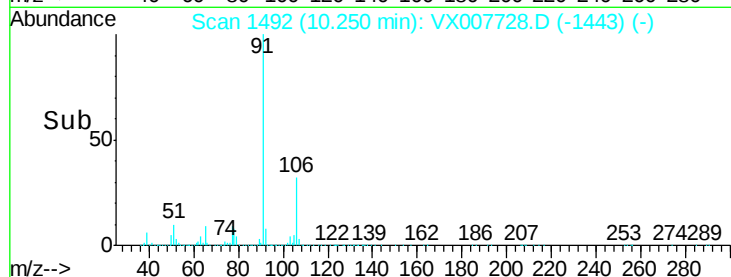
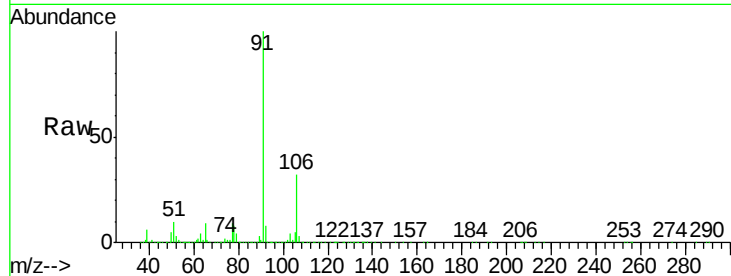
Ion Ratio Lower Upper

91 100

106 32.5 25.4 38.0

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#68

m/p-Xylenes

Concen: 99.802 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007728.D

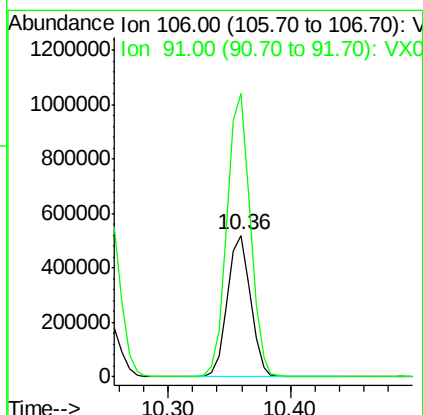
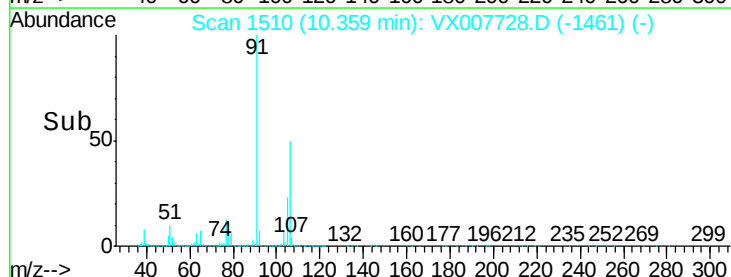
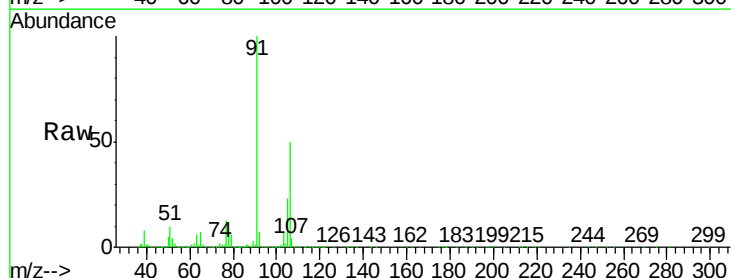
Acq: 26 Feb 2019 21:46

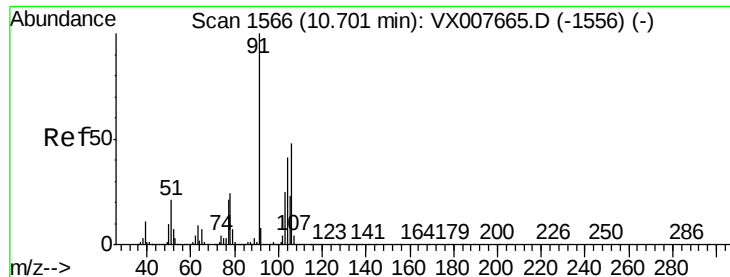
Tgt Ion: 106 Resp: 676651

Ion Ratio Lower Upper

106 100

91 202.0 156.6 234.8





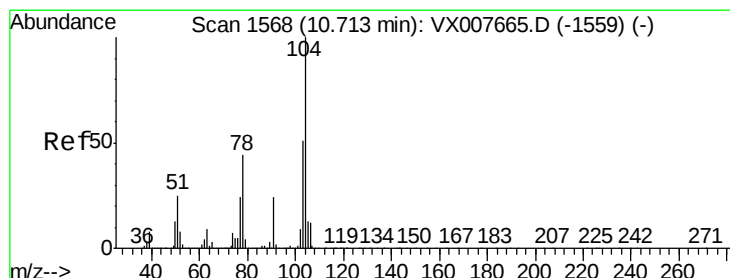
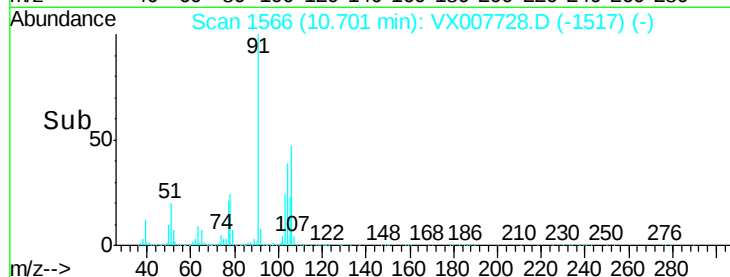
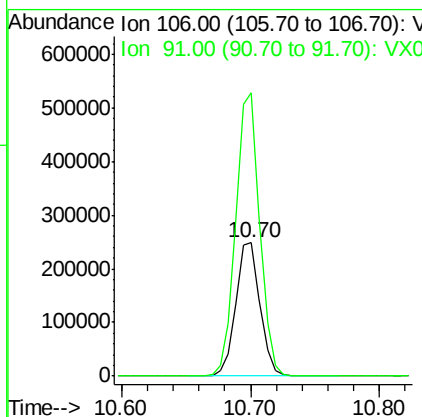
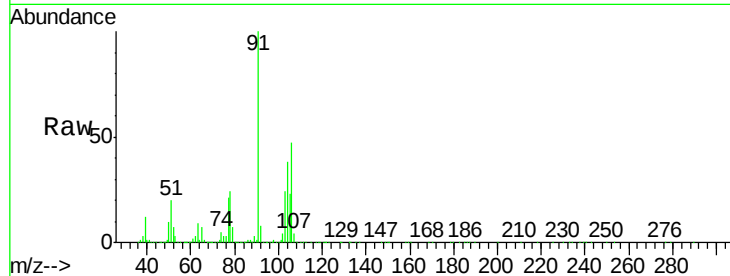
#69
o-Xylene
Concen: 49.930 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.4	102.9	308.7

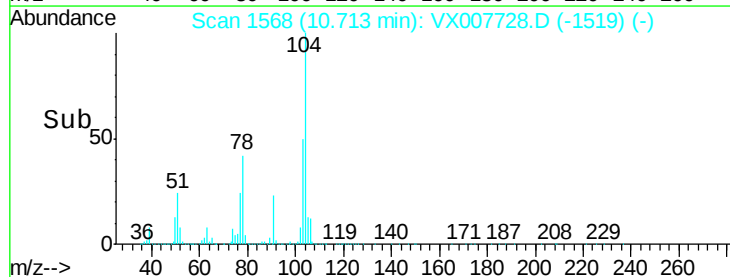
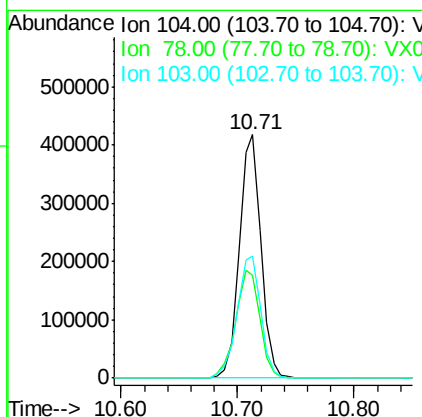
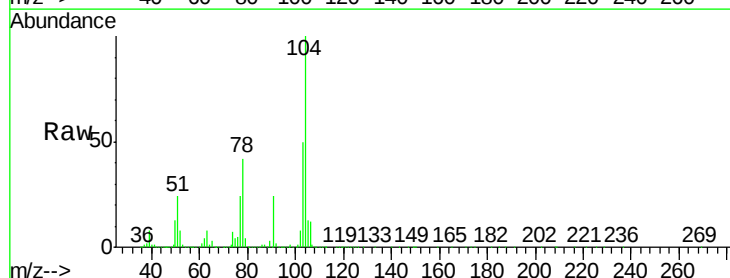
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#70
Styrene
Concen: 50.281 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.0	38.3	57.5
103	55.4	44.6	67.0





#71

Bromoform

Concen: 48.839 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

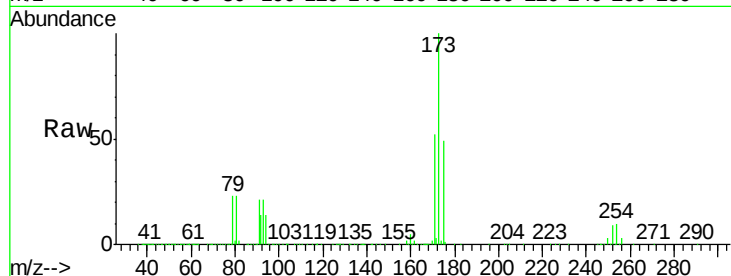
ClientSampleId :

VSTDCCC050EC

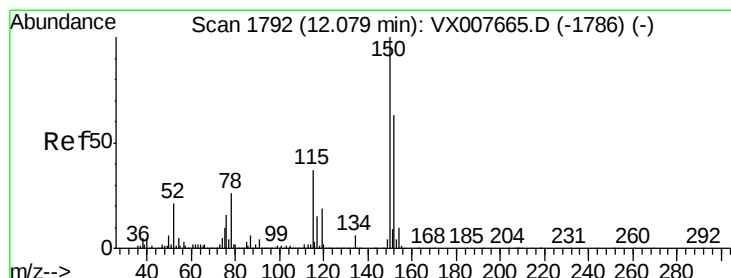
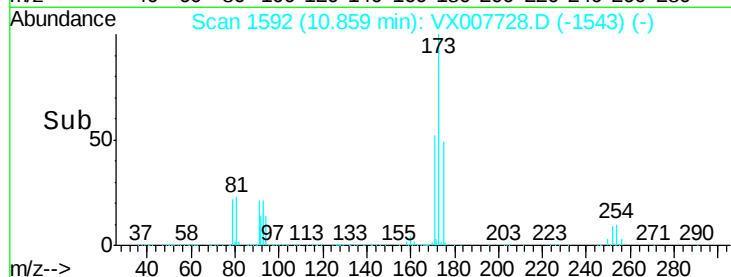
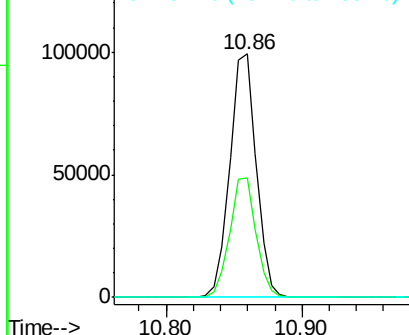
Tot Ion:	173	Resp:	134400
Ion Ratio	Lower	Upper	
173	100		
175	49.1	24.2	72.6
254	0.2	0.2	0.2#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

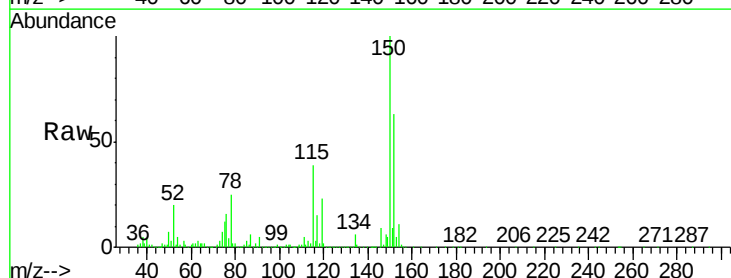
RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

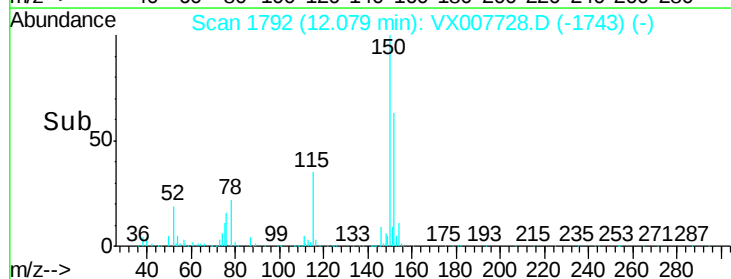
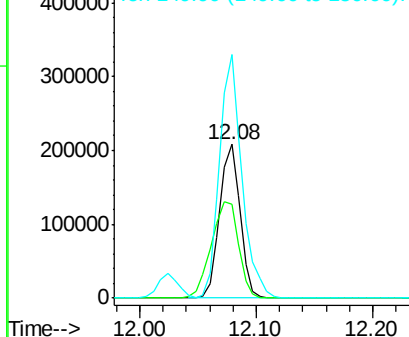
Lab File: VX007728.D

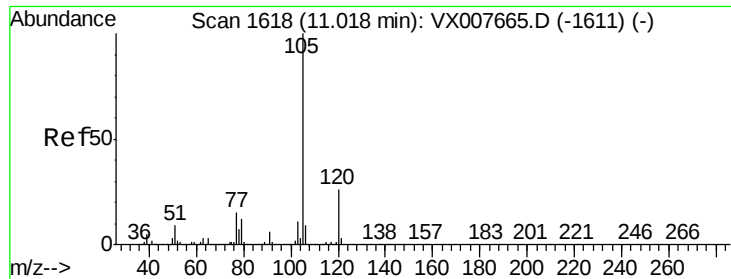
Acq: 26 Feb 2019 21:46

Tgt Ion:	152	Resp:	251996
Ion Ratio	Lower	Upper	
152	100		
115	83.5	38.0	114.0
150	172.6	0.0	346.4



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





#73

Isopropylbenzene

Concen: 48.170 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 867564

Ion Ratio Lower Upper

105 100

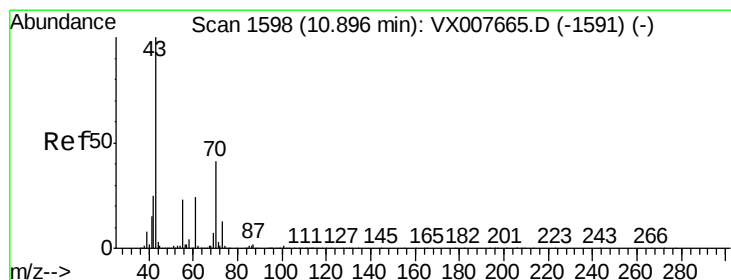
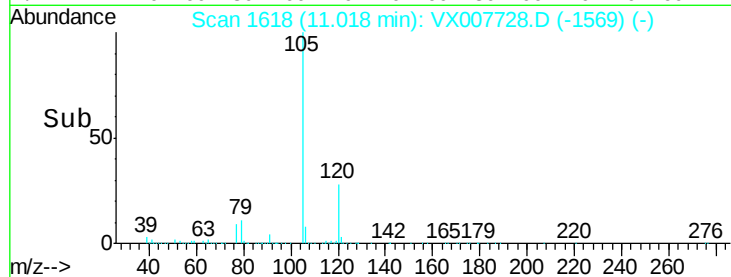
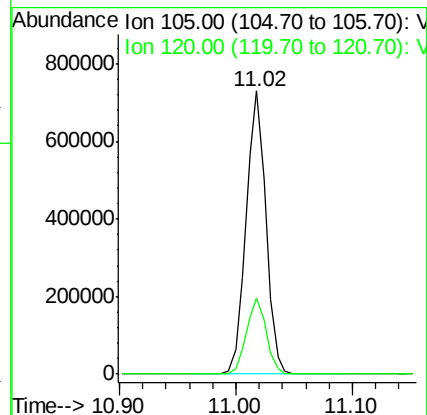
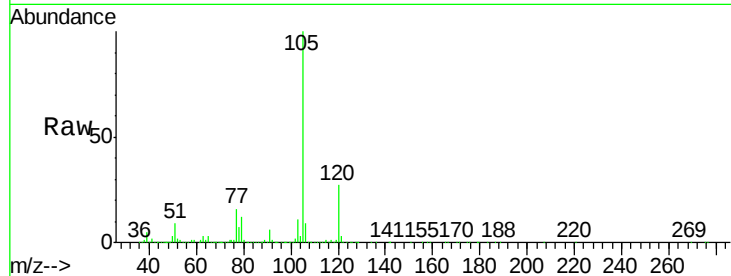
120 27.0 13.6 40.7

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#74

N-ethyl acetate

Concen: 49.604 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Tgt Ion: 43 Resp: 387965

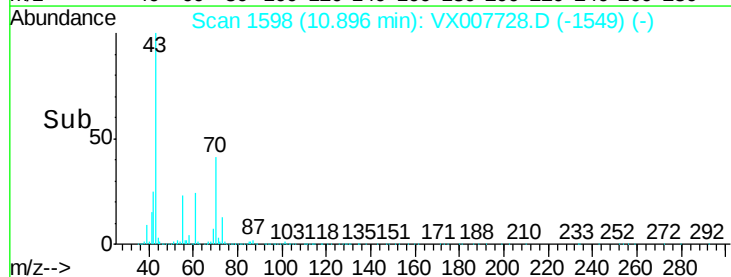
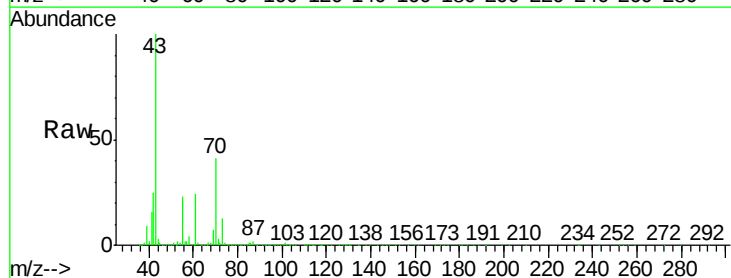
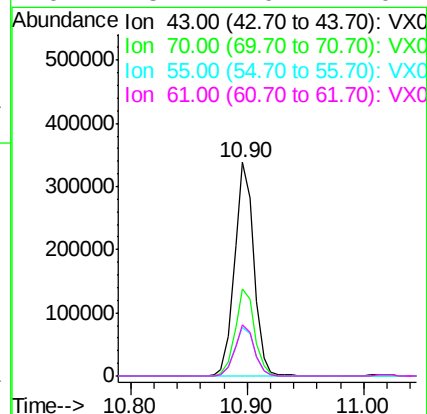
Ion Ratio Lower Upper

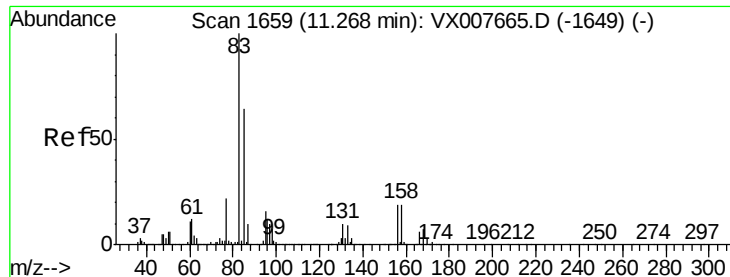
43 100

70 41.4 33.8 50.6

55 23.9 19.5 29.3

61 23.7 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 46.491 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

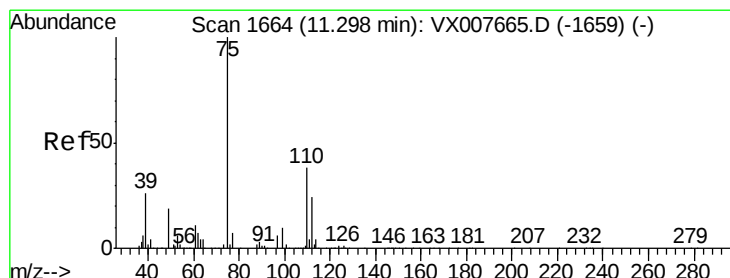
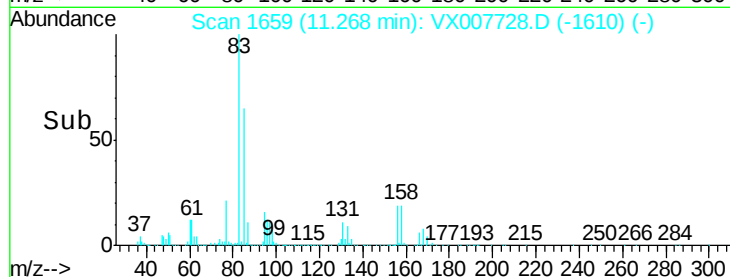
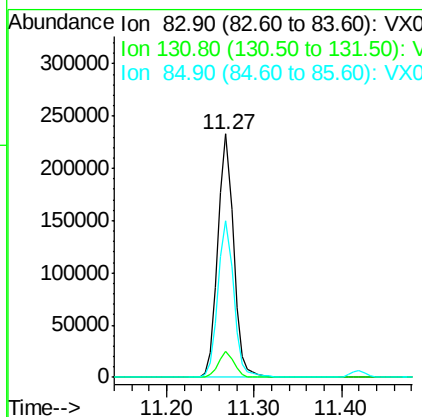
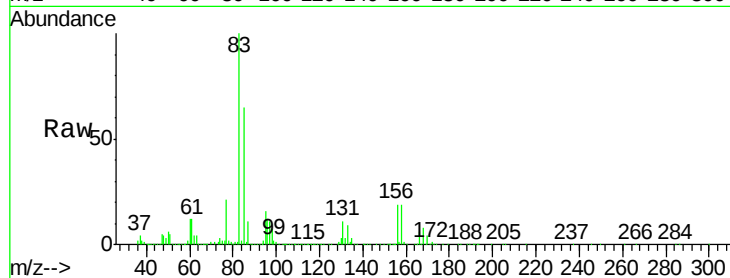
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	289603
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.7	17.0
85	64.7	32.8	98.3

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#76

1,2,3-Trichloropropane

Concen: 50.687 ug/l m

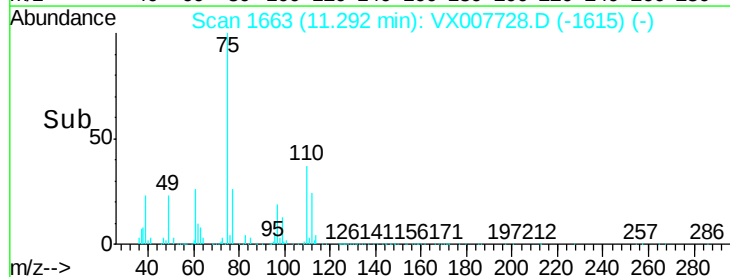
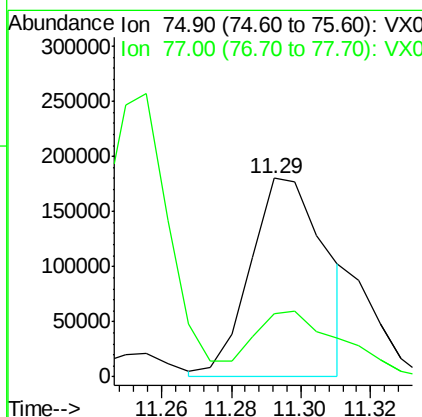
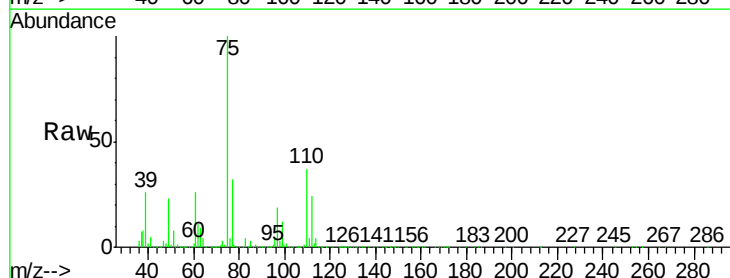
RT: 11.29 min Scan# 1663

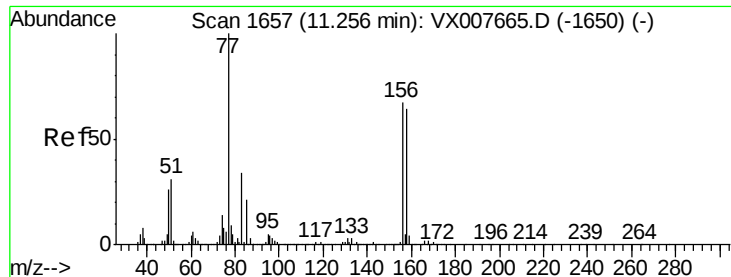
Delta R.T. -0.01 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Tgt Ion:	75	Resp:	272260
Ion Ratio	Lower	Upper	
75	100		
77	39.7	23.0	69.0





#77

Bromobenzene

Concen: 47.621 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

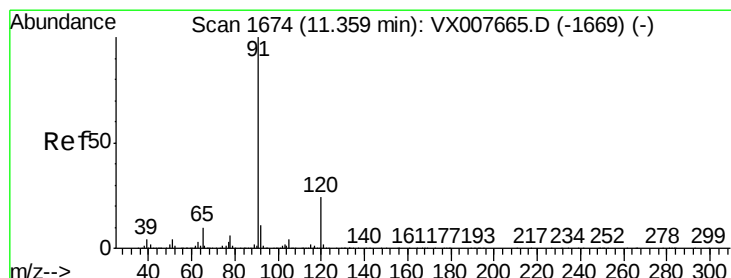
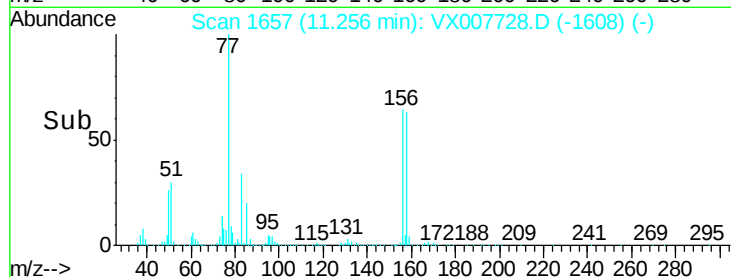
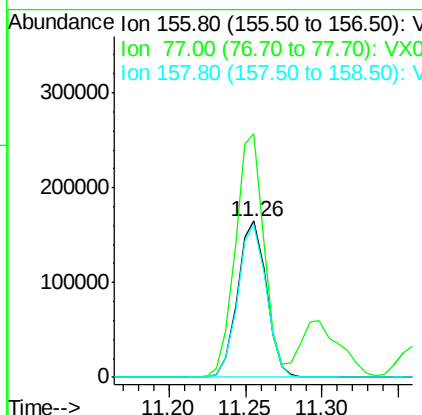
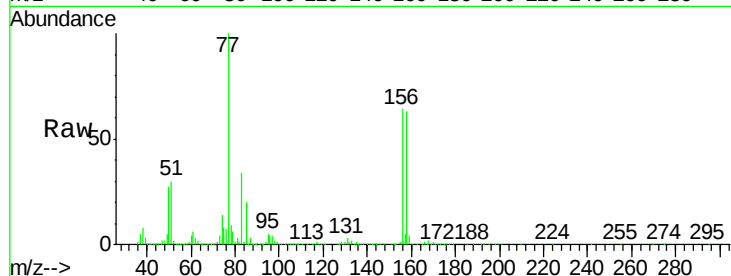
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	215126
Ion Ratio	Lower	Upper	
156	100		
77	154.5	66.8	200.6
158	97.3	47.9	143.8

Manual Integrations
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#78

n-propylbenzene

Concen: 49.324 ug/l

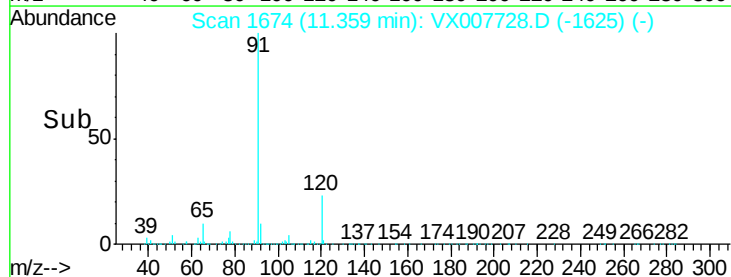
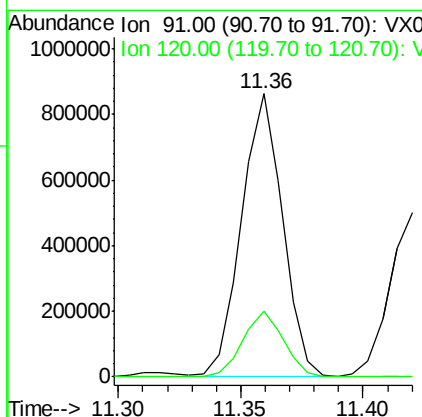
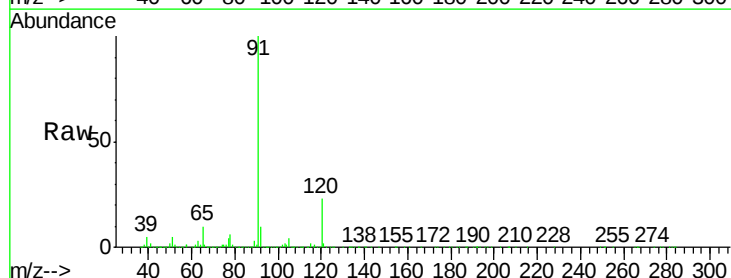
RT: 11.36 min Scan# 1674

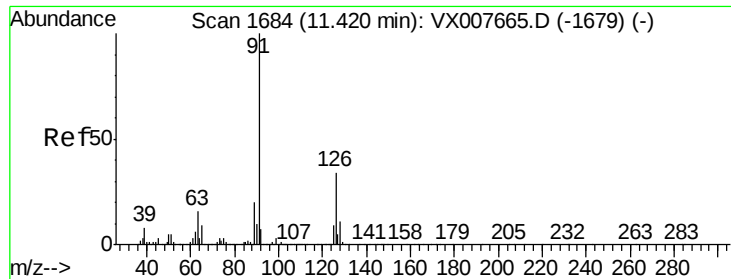
Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Tgt Ion:	91	Resp:	1003851
Ion Ratio	Lower	Upper	
91	100		
120	23.4	12.4	37.2





#79

2-Chlorotoluene

Concen: 48.354 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 592548

Ion Ratio Lower Upper

91 100

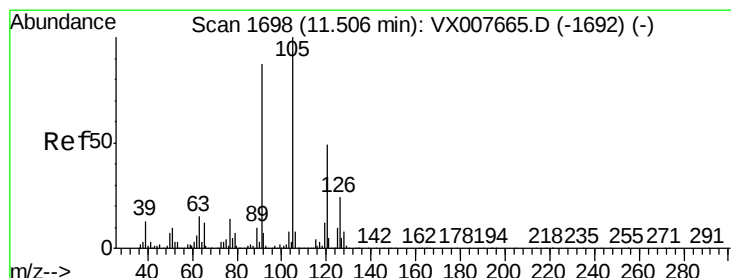
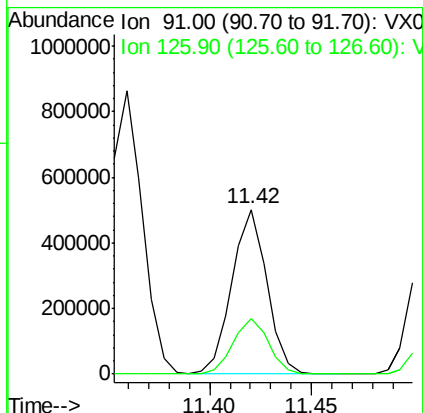
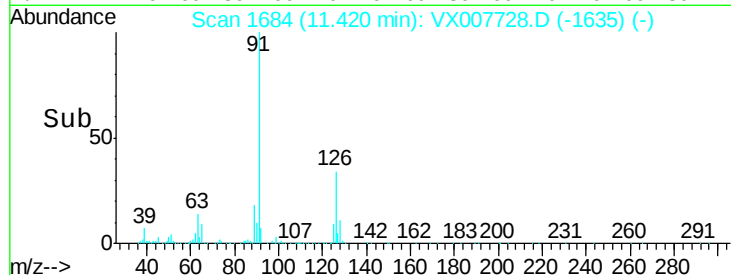
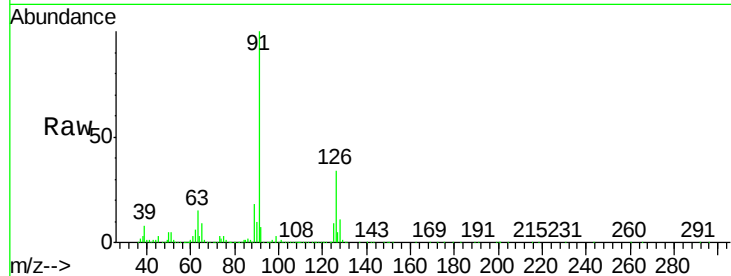
126 34.6 18.7 56.1

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 50.305 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007728.D

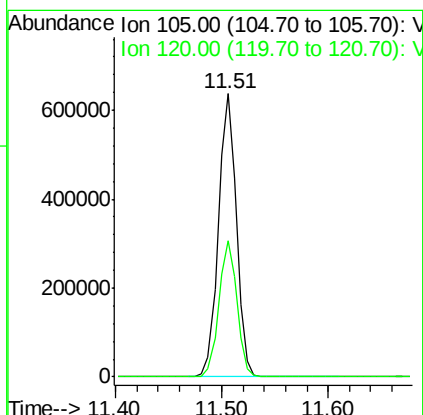
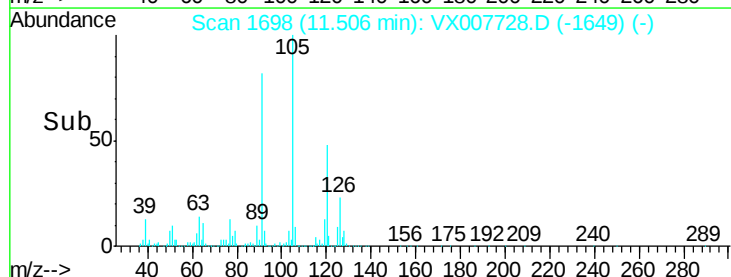
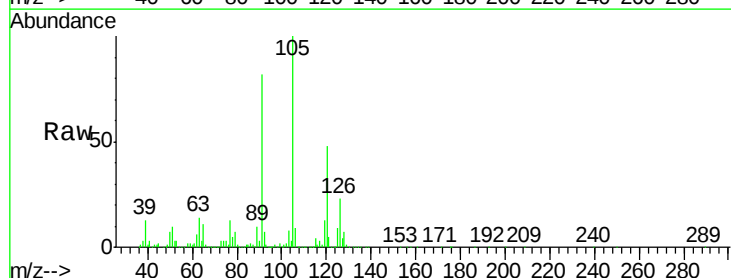
Acq: 26 Feb 2019 21:46

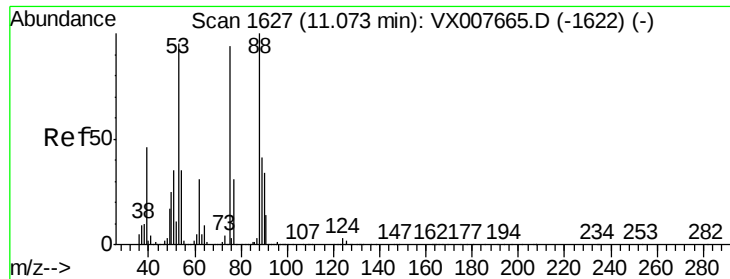
Tgt Ion: 105 Resp: 745248

Ion Ratio Lower Upper

105 100

120 48.4 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 40.520 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

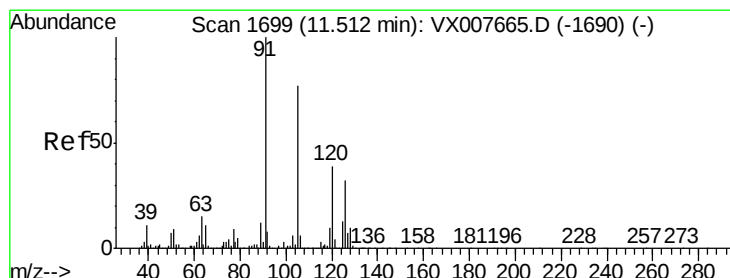
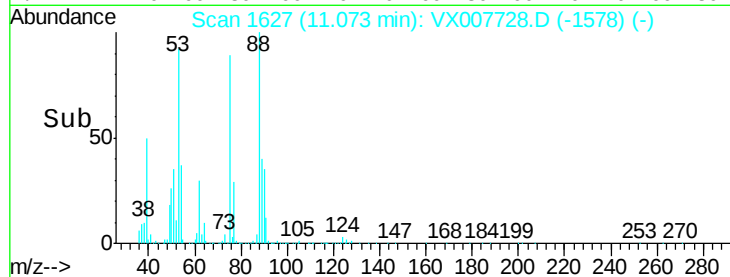
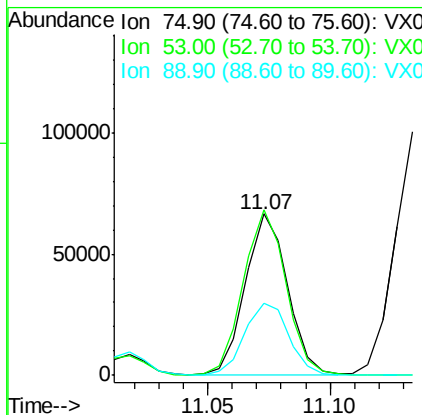
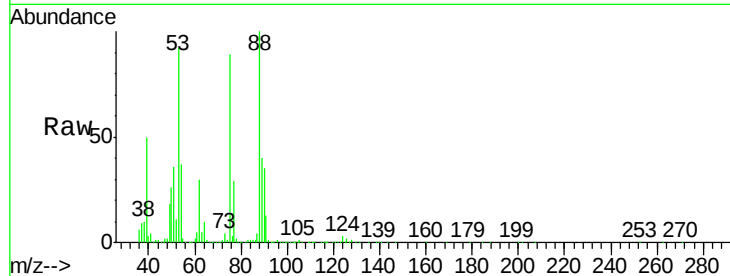
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	80003
Ion	Ratio	Lower	Upper
75	100		
53	102.9	81.0	121.6
89	47.4	41.4	62.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 49.912 ug/l

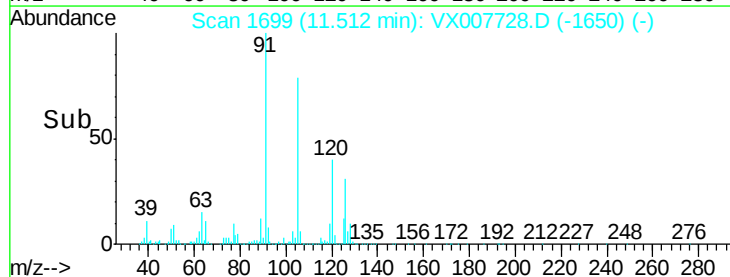
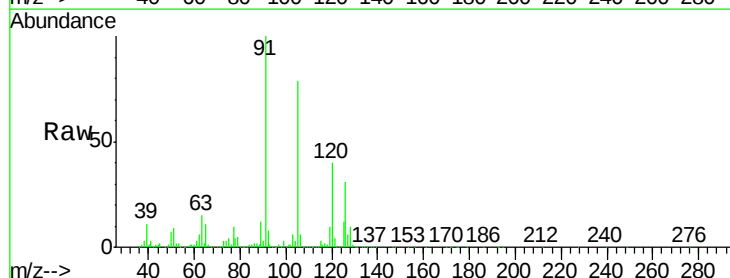
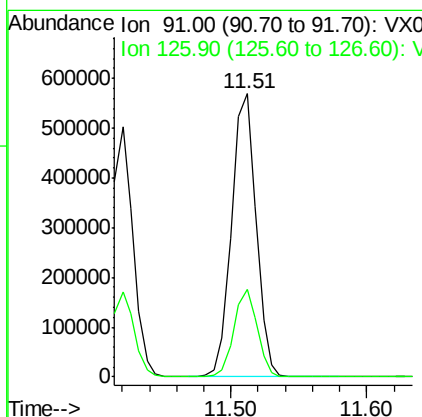
RT: 11.51 min Scan# 1699

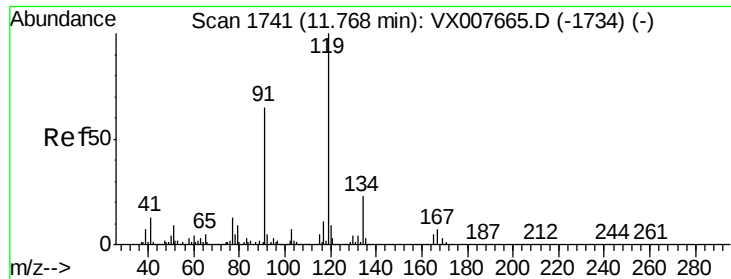
Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Tgt Ion:	91	Resp:	715517
Ion	Ratio	Lower	Upper
91	100		
126	29.7	16.2	48.5





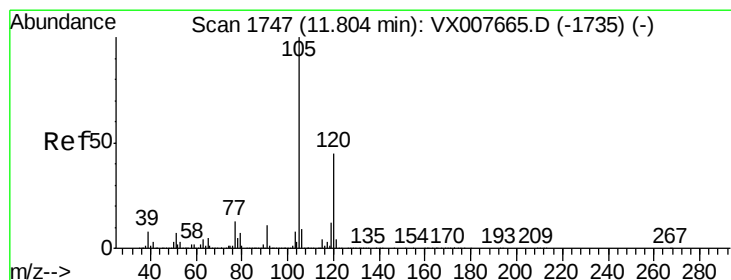
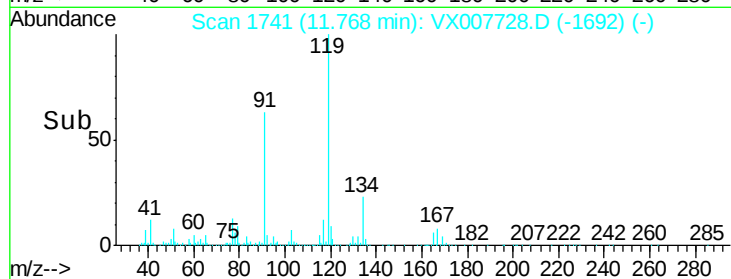
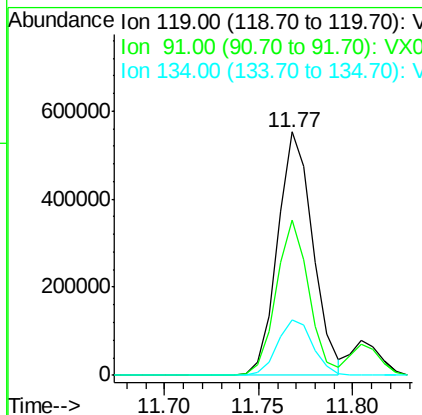
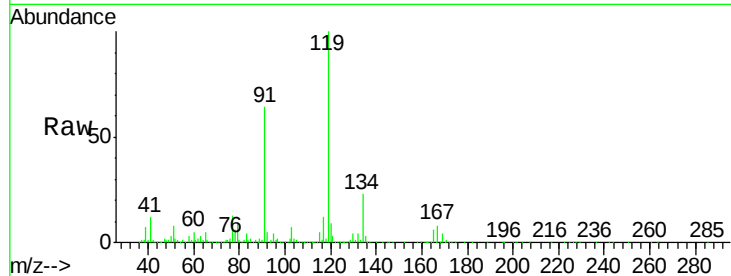
#83
 tert-Butylbenzene
 Concen: 50.138 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX007728.D
 Acq: 26 Feb 2019 21:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	713164		
91	59.5	28.5	85.6	
134	22.9	12.0	36.0	

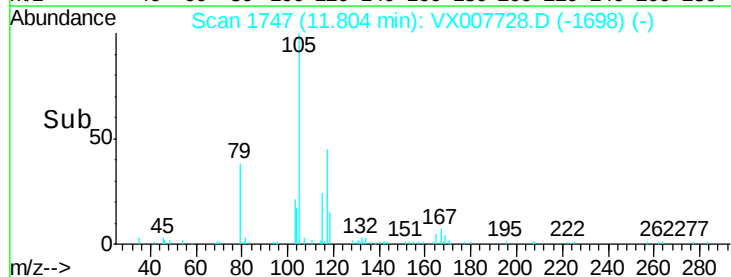
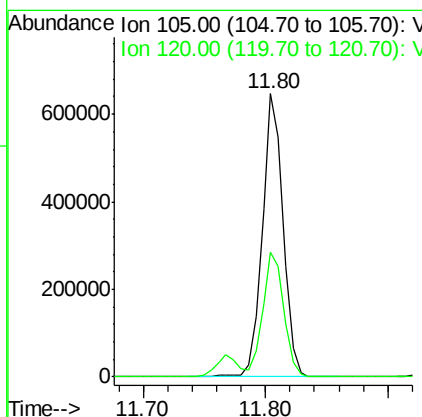
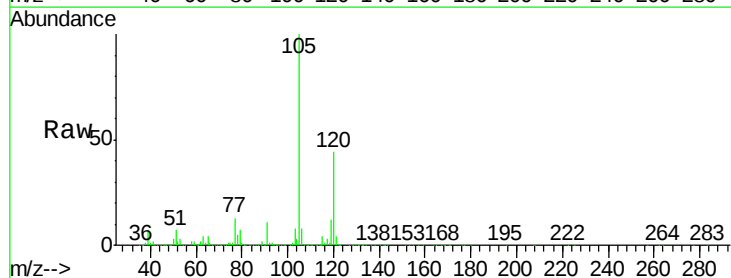
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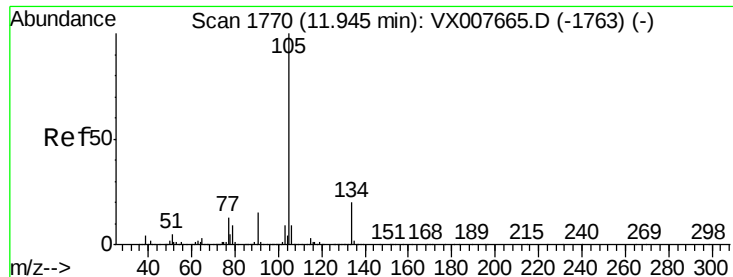
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.581 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX007728.D
 Acq: 26 Feb 2019 21:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	766494		
120	44.1	23.1	69.3	





#85

sec-Butylbenzene

Concen: 49.903 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 889481

Ion Ratio Lower Upper

105 100

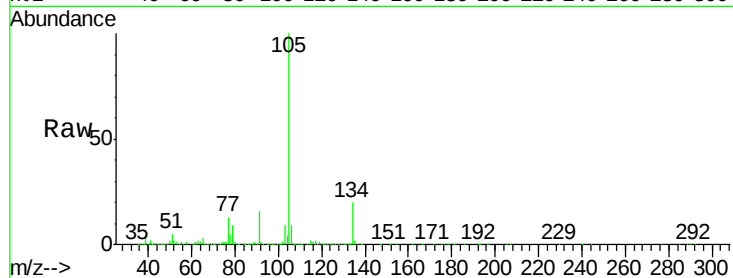
134 20.1 10.6 31.8

Manual Integrations

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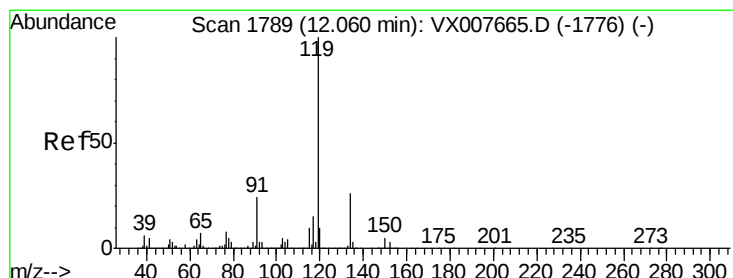
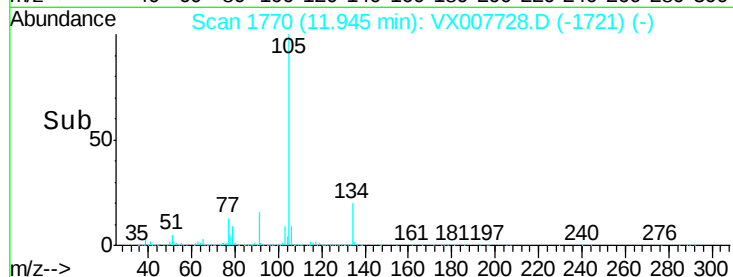
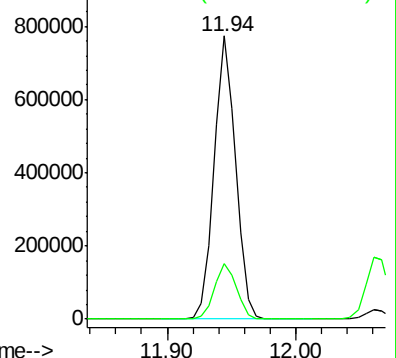
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.225 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007728.D

Acq: 26 Feb 2019 21:46

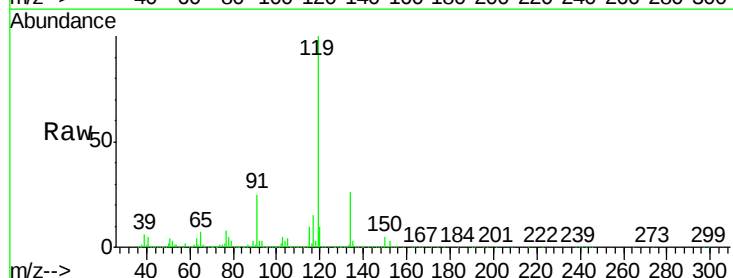
Tgt Ion:119 Resp: 784004

Ion Ratio Lower Upper

119 100

134 26.5 13.7 41.1

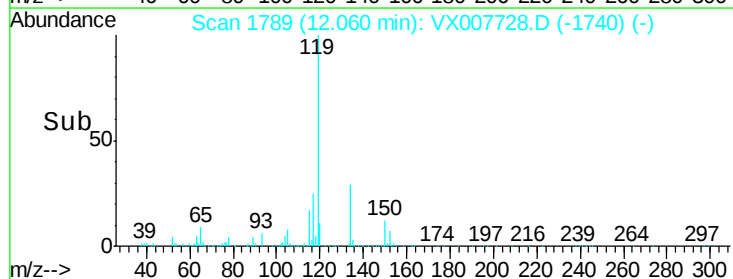
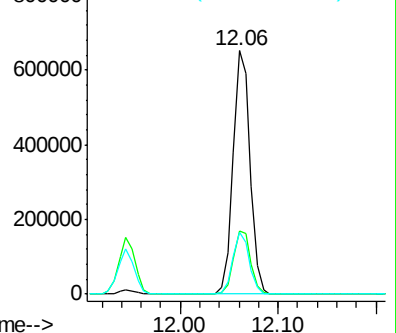
91 24.3 11.2 33.5

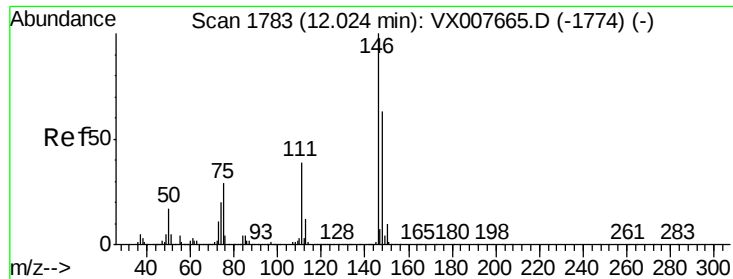


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





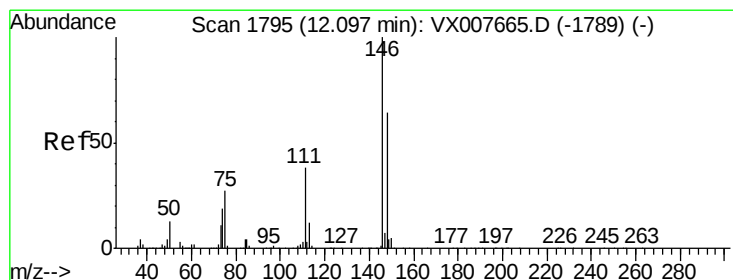
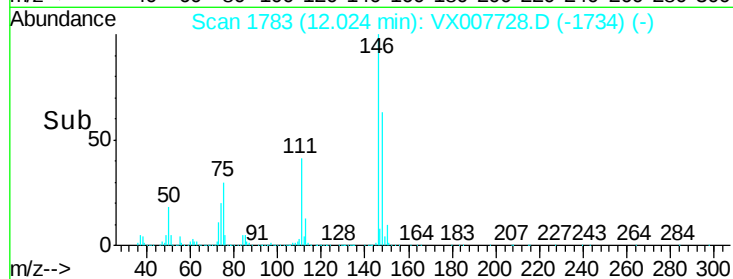
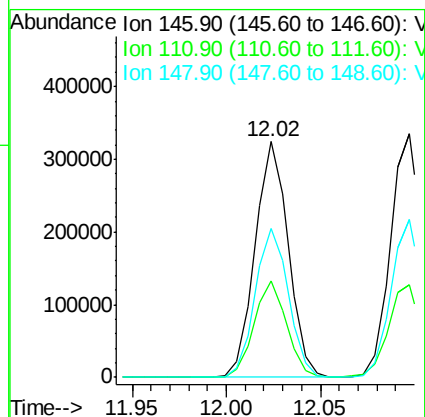
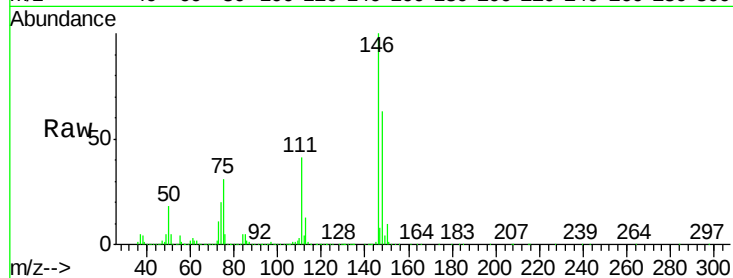
#87
 1,3-Dichlorobenzene
 Concen: 47.278 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007728.D
 Acq: 26 Feb 2019 21:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	18.1	54.1
148	63.3	32.0	96.2

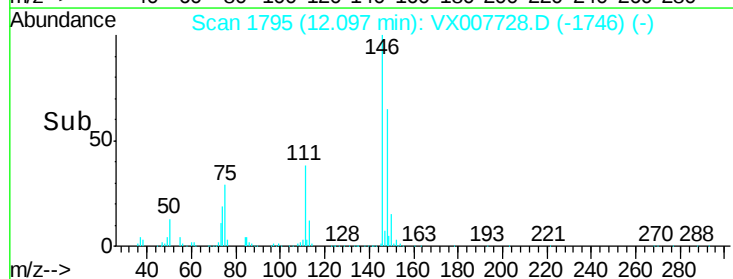
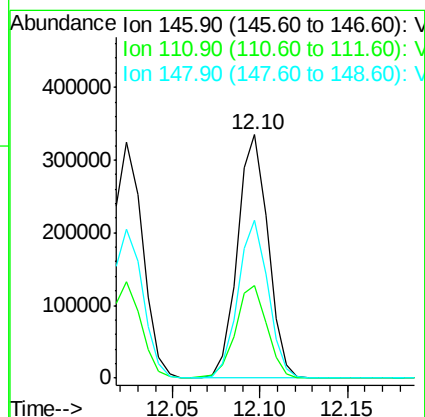
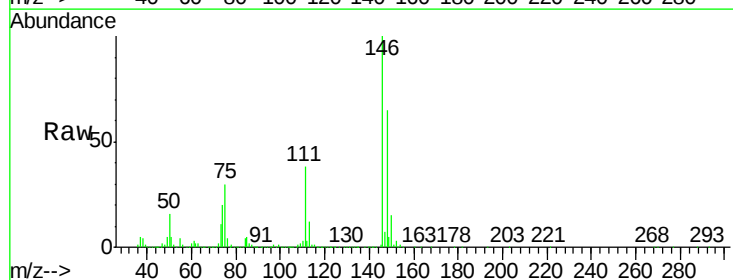
Manual Integrations
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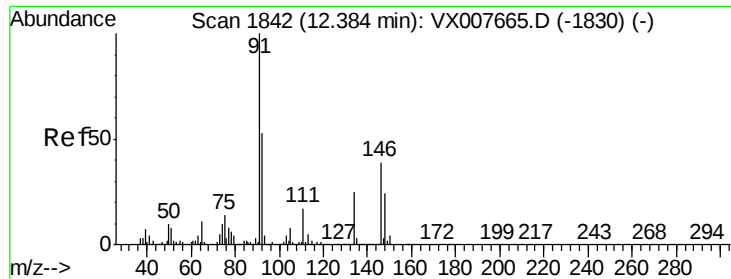
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#88
 1,4-Dichlorobenzene
 Concen: 47.384 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007728.D
 Acq: 26 Feb 2019 21:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	18.1	54.1
148	64.0	32.3	96.9





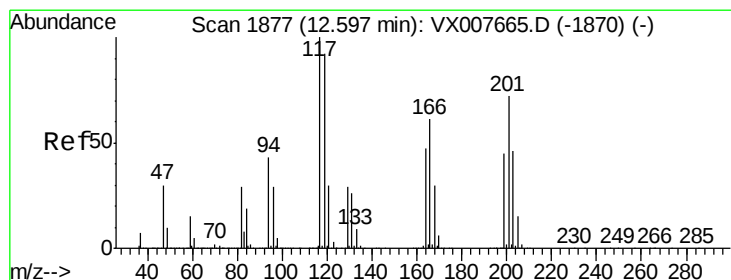
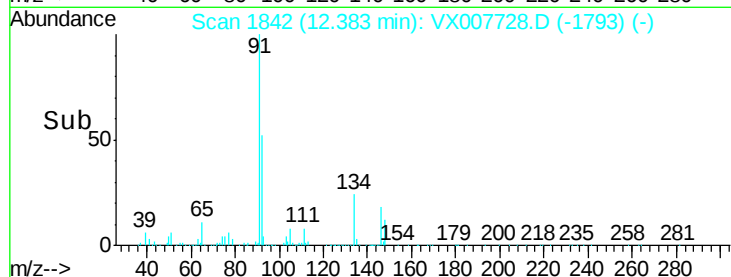
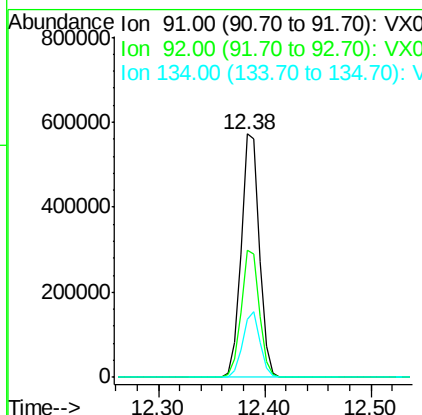
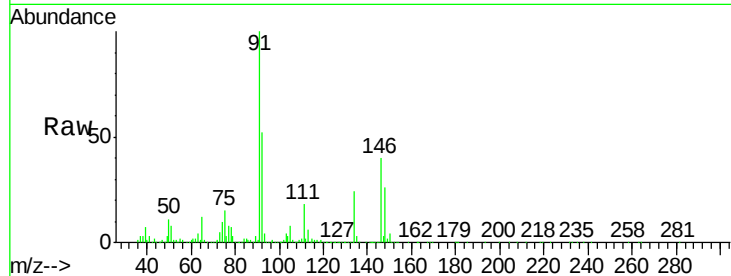
#89
n-Butylbenzene
Concen: 49.467 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.3	78.9
134	25.7	13.9	41.6

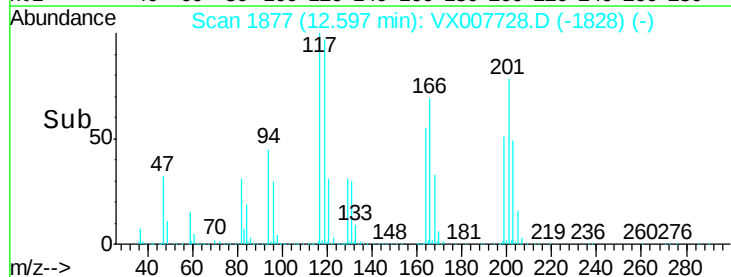
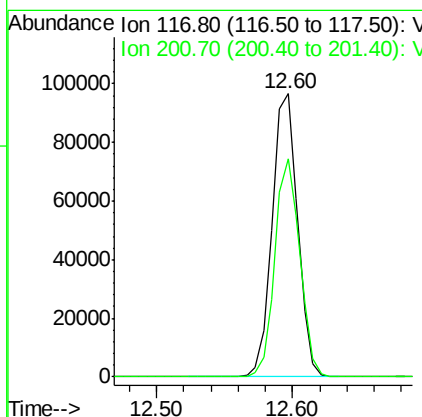
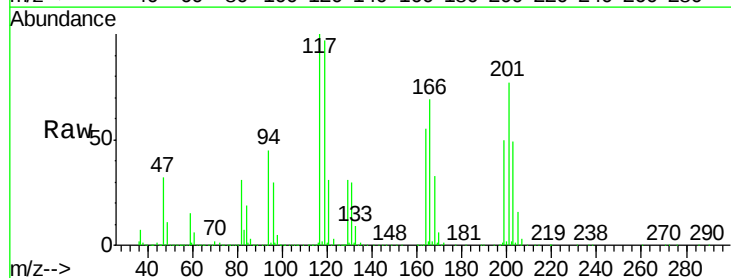
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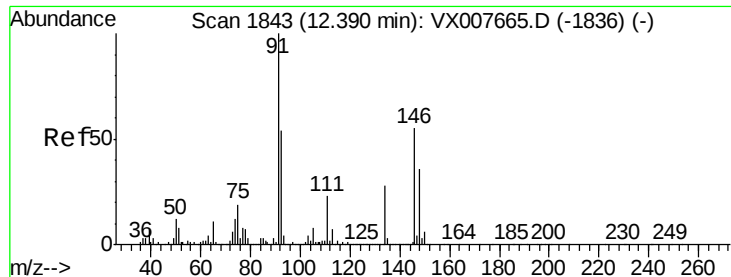
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#90
Hexachloroethane
Concen: 48.309 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.0	44.9	134.7





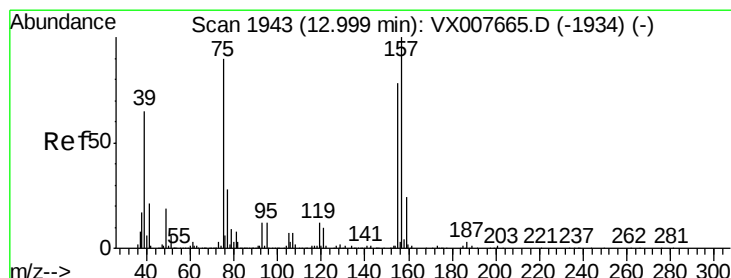
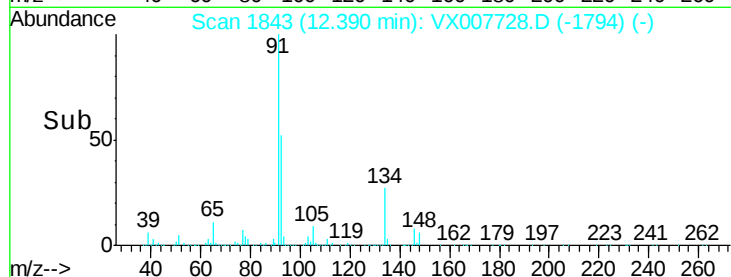
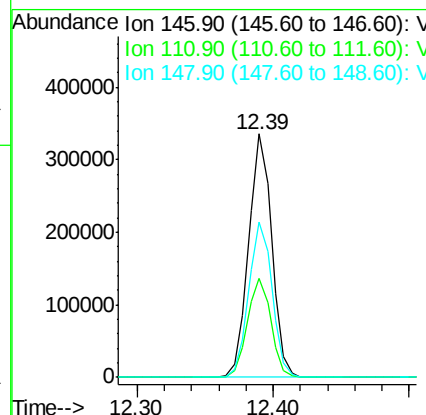
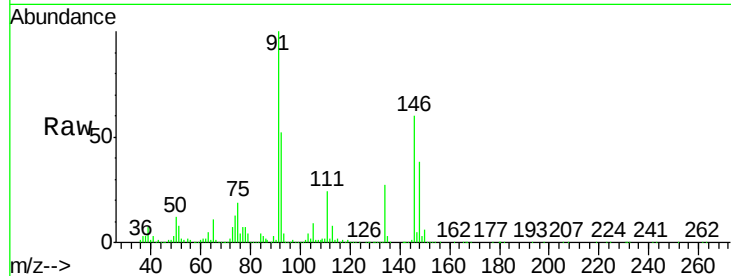
#91
 1,2-Dichlorobenzene
 Concen: 47.604 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007728.D
 Acq: 26 Feb 2019 21:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	399116		
111	41.1	19.1	57.3	
148	64.5	32.1	96.3	

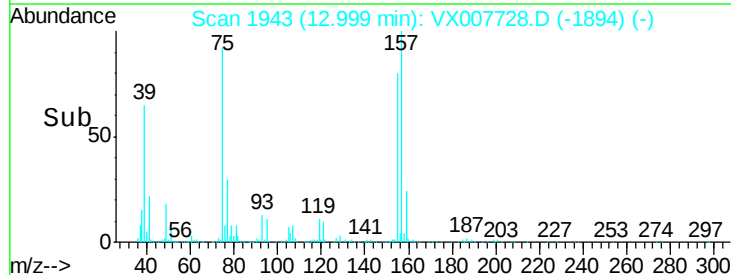
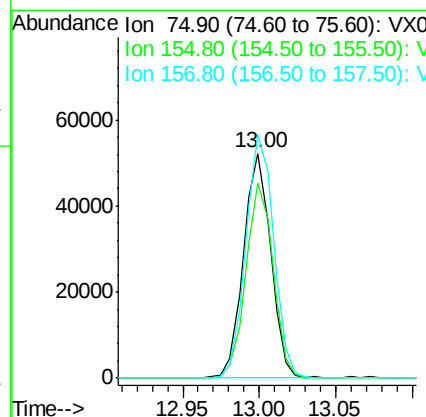
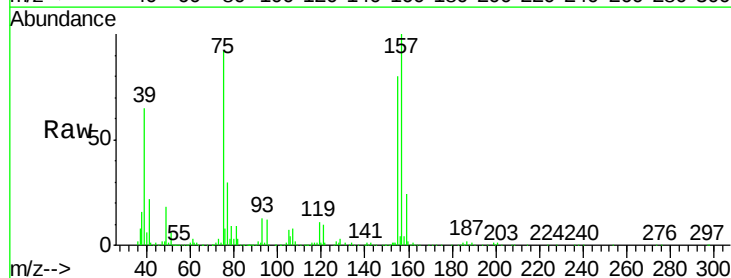
Manual Integrations
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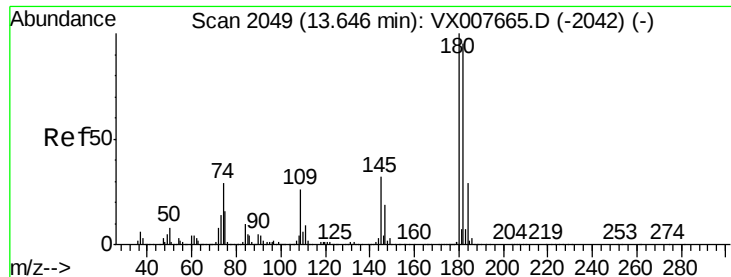
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.343 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007728.D
 Acq: 26 Feb 2019 21:46

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	64258		
155	87.0	49.6	149.0	
157	111.6	65.1	195.3	





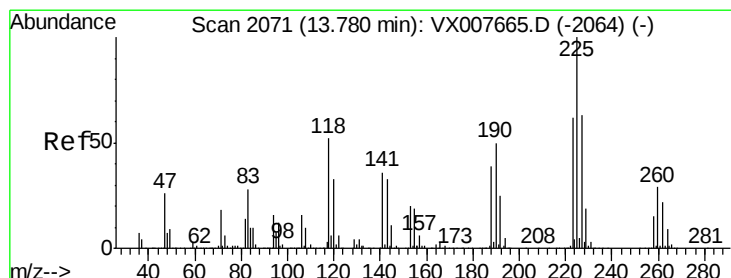
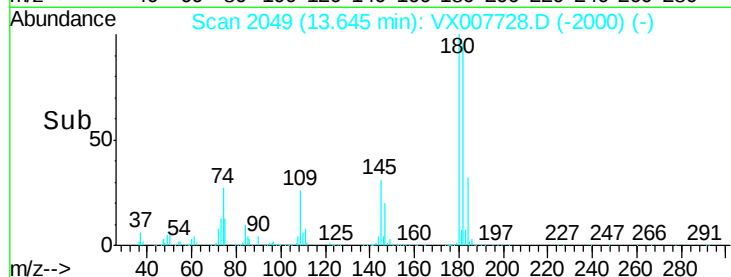
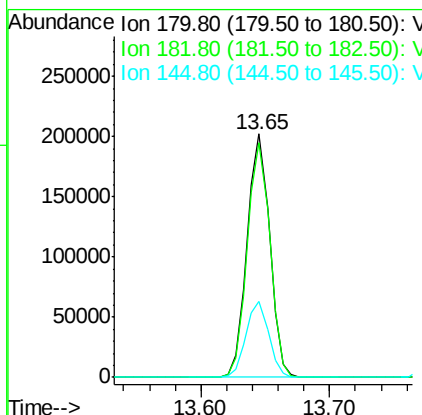
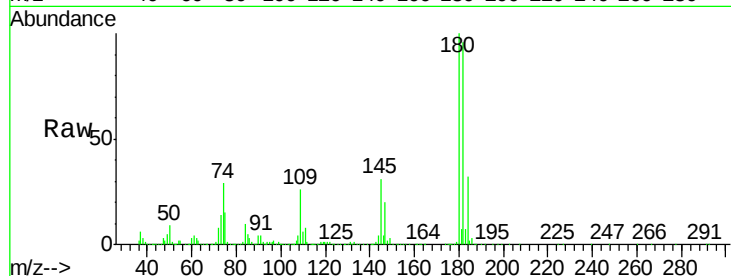
#93
1,2,4-Trichlorobenzene
Concen: 47.330 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.3	47.8	143.3
145	31.6	14.1	42.2

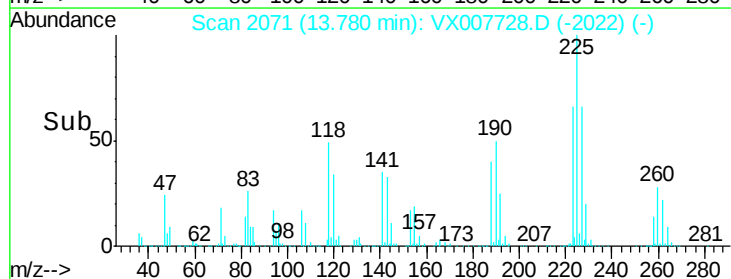
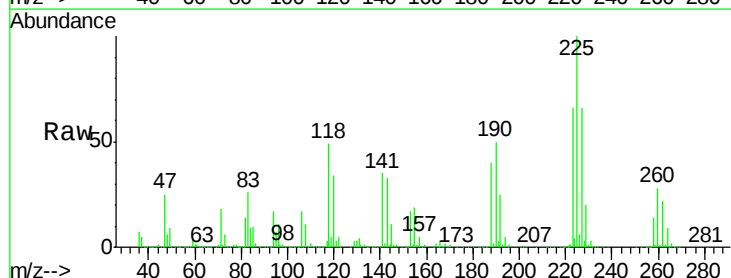
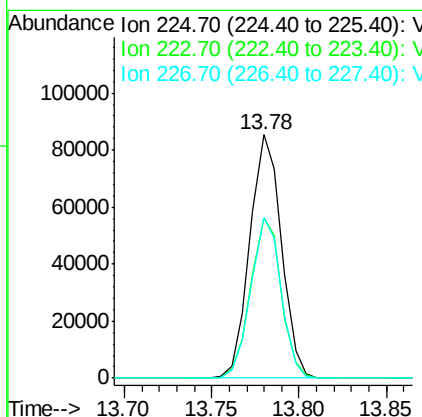
Manual Integrations
APPROVED

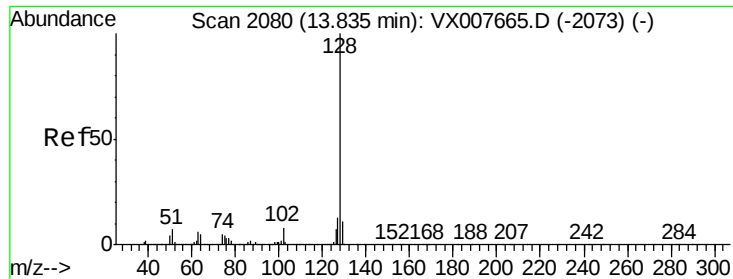
MMDadoda
2/27/2019 10:07:08 AM



#94
Hexachlorobutadiene
Concen: 45.723 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	31.6	94.8
227	63.0	32.1	96.3





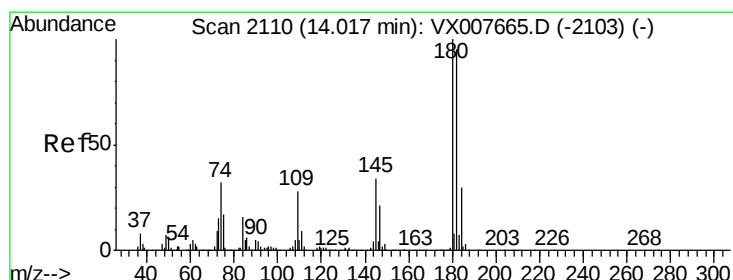
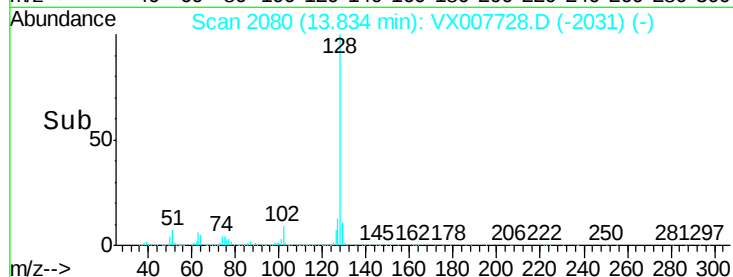
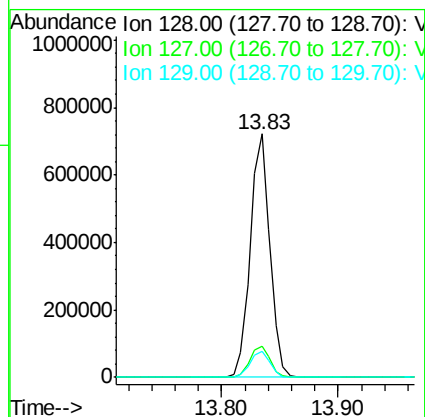
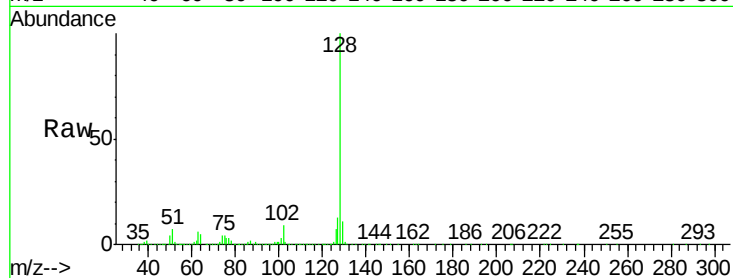
#95
Naphthalene
Concen: 51.130 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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

Manual Integrations
APPROVED

MMDadoda
2/27/2019 10:07:08 AM



#96
1,2,3-Trichlorobenzene
Concen: 48.537 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX007728.D
Acq: 26 Feb 2019 21:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.5	142.6
145	32.3	14.9	44.5

