

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032818\
 Data File : VX000504.D
 Acq On : 28 Mar 2018 21:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/29/2018 11:19:41 AM

Quant Time: Mar 29 05:14:48 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	124584	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	211198	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	222686	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	143833	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	77775	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
35) Dibromofluoromethane	5.51	113	63337	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	
50) Toluene-d8	8.73	98	267316	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
62) 4-Bromofluorobenzene	11.15	95	103191	45.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.02%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	63692	46.39	ug/l	95
3) Chloromethane	1.32	50	64624	44.68	ug/l	99
4) Vinyl Chloride	1.40	62	81112	53.07	ug/l	100
5) Bromomethane	1.64	94	115151	62.92	ug/l	98
6) Chloroethane	1.72	64	58455	62.25	ug/l	97
7) Trichlorofluoromethane	1.93	101	149342	54.14	ug/l	96
8) Diethyl Ether	2.20	74	51398	52.14	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	78712	51.17	ug/l	98
10) Methyl Iodide	2.51	142	47750	32.93	ug/l	97
11) Tert butyl alcohol	3.08	59	148431	265.34	ug/l	99
12) 1,1-Dichloroethene	2.38	96	71374	52.86	ug/l	94
13) Acrolein	2.30	56	96511	523.42	ug/l	99
14) Allyl chloride	2.73	41	129713	54.40	ug/l	97
15) Acrylonitrile	3.16	53	301733	266.32	ug/l	100
16) Acetone	2.45	43	300543	222.16	ug/l	96
17) Carbon Disulfide	2.57	76	189832	52.85	ug/l	99
18) Methyl Acetate	2.78	43	153745	54.21	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	263911	52.84	ug/l	99
20) Methylene Chloride	2.86	84	80937	51.80	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	78820	52.33	ug/l	96
22) Diisopropyl ether	3.88	45	201161	47.65	ug/l	99
23) Vinyl Acetate	3.84	43	938436	234.50	ug/l	99
24) 1,1-Dichloroethane	3.70	63	134335	50.61	ug/l	100
25) 2-Butanone	4.72	43	357301	234.97	ug/l	99
26) 2,2-Dichloropropane	4.60	77	81350	43.73	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	69091	49.08	ug/l	97
28) Bromochloromethane	5.03	49	74382	67.96	ug/l	99
29) Tetrahydrofuran	5.18	42	238264	254.67	ug/l	98
30) Chloroform	5.23	83	130465	52.45	ug/l	98
31) Cyclohexane	5.59	56	102488	49.95	ug/l	99
32) 1,1,1-Trichloroethane	5.51	97	115941	51.67	ug/l	98
36) 1,1-Dichloropropene	5.81	75	94377	47.71	ug/l	97
37) Ethyl Acetate	4.88	43	129342	47.86	ug/l	99
38) Carbon Tetrachloride	5.79	117	100960	48.65	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	121242	50.39	ug/l	96
40) Benzene	6.15	78	295032	51.35	ug/l	99
41) Methacrylonitrile	5.08	41	65288	45.83	ug/l	96
42) 1,2-Dichloroethane	6.21	62	114972	51.01	ug/l	99
43) Isopropyl Acetate	6.48	43	207261	51.53	ug/l	100
44) Trichloroethene	7.22	130	81909	49.77	ug/l	98
45) 1,2-Dichloropropane	7.52	63	78742	53.55	ug/l	98
46) Dibromomethane	7.67	93	58976	51.09	ug/l	98
47) Bromodichloromethane	7.91	83	109229	53.78	ug/l	97
48) Methyl methacrylate	7.79	41	101556	52.00	ug/l	99
49) 1,4-Dioxane	7.77	88	44297	1079.12	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	837225	268.89	ug/l	99
52) Toluene	8.79	92	214182	53.33	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	123224	52.36	ug/l	96
54) cis-1,3-Dichloropropene	9.05	75	127766	55.97	ug/l	97
55) 1,1,2-Trichloroethane	9.23	97	91228	55.23	ug/l	99
56) Ethyl methacrylate	9.19	69	136860	54.68	ug/l	99
57) 1,3-Dichloropropane	9.38	76	144512	54.70	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	273294	227.52	ug/l	98
59) 2-Hexanone	9.51	43	682780	258.26	ug/l	100
60) Dibromochloromethane	9.59	129	94617	48.54	ug/l	100
61) 1,2-Dibromoethane	9.68	107	97239	54.90	ug/l	97
64) Tetrachloroethene	9.34	164	81687	47.27	ug/l	98
65) Chlorobenzene	10.15	112	241721	48.78	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	87314	51.88	ug/l	98
67) Ethyl Benzene	10.26	91	417770	49.73	ug/l	98
68) m/p-Xylenes	10.37	106	330409	99.95	ug/l	99
69) o-Xylene	10.71	106	160589	50.17	ug/l	99
70) Styrene	10.72	104	273279	51.60	ug/l	99
71) Bromoform	10.87	173	73009	42.43	ug/l #	97
73) Isopropylbenzene	11.02	105	438947	46.06	ug/l	99
74) N-amyl acetate	6.48	43	207261	49.89	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	161456	47.90	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	140702m	45.52	ug/l	
77) Bromobenzene	11.26	156	108644	42.79	ug/l	99
78) n-propylbenzene	11.37	91	518024	45.59	ug/l	100
79) 2-Chlorotoluene	11.43	91	296065	45.10	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	388551	48.49	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	43656	45.72	ug/l	96
82) 4-Chlorotoluene	11.52	91	379981	48.48	ug/l	100
83) tert-Butylbenzene	11.78	119	382505	47.33	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	404299	48.12	ug/l	99
85) sec-Butylbenzene	11.96	105	476690	47.67	ug/l	99
86) p-Isopropyltoluene	12.07	119	434778	48.96	ug/l	100
87) 1,3-Dichlorobenzene	12.04	146	224217	46.71	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	238799	47.38	ug/l	98
89) n-Butylbenzene	12.40	91	410084	49.59	ug/l	99
90) Hexachloroethane	12.60	117	68312	48.87	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	226593	48.15	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	42572	45.29	ug/l	99

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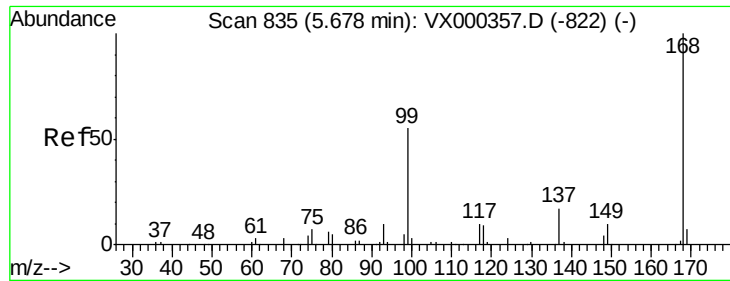
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	154187	45.70	ug/l	99
94) Hexachlorobutadiene	13.79	225	65758	47.07	ug/l	99
95) Naphthalene	13.84	128	566082	48.17	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	155165	46.54	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000504.D

Acq: 28 Mar 2018 21:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 124584

Ion Ratio Lower Upper

168 100

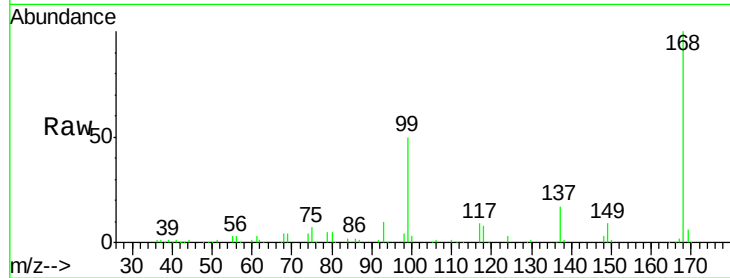
99 49.6 45.8 68.6

Manual Integrations

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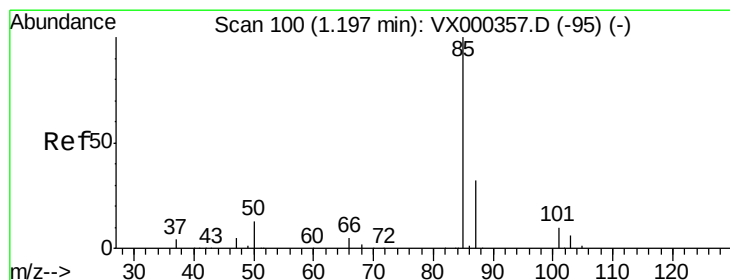
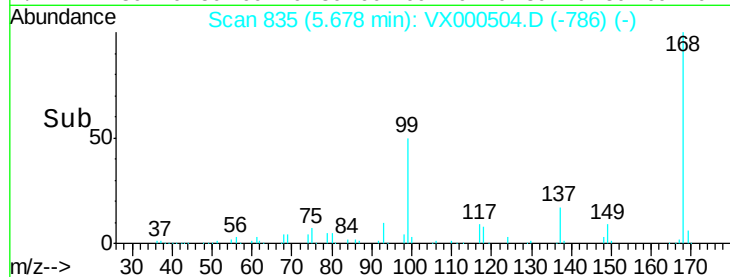
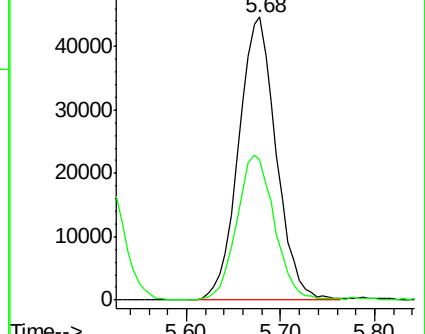
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 46.39 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000504.D

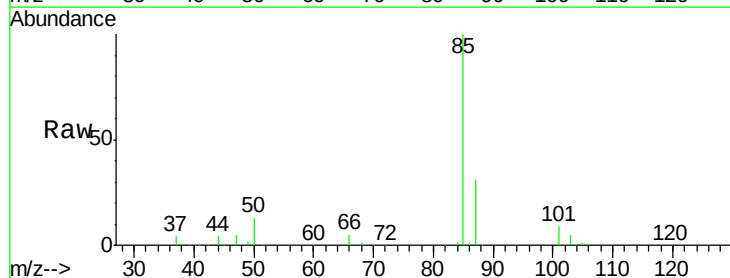
Acq: 28 Mar 2018 21:49

Tgt Ion: 85 Resp: 63692

Ion Ratio Lower Upper

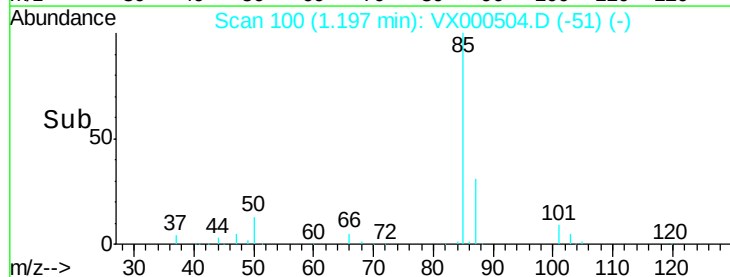
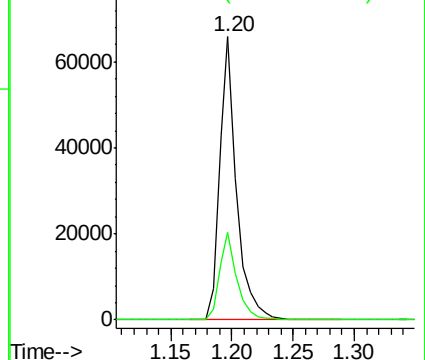
85 100

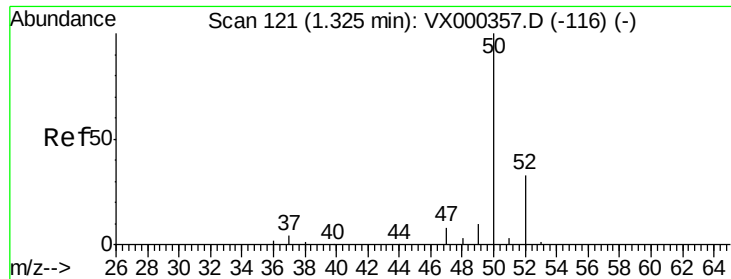
87 30.8 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 44.68 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000504.D

Acq: 28 Mar 2018 21:49

Instrument :

MSVOA_X

ClientSampleID :

VSTDCCC050EC

Tot Ion: 50 Resp: 64624

Ion Ratio Lower Upper

50 100

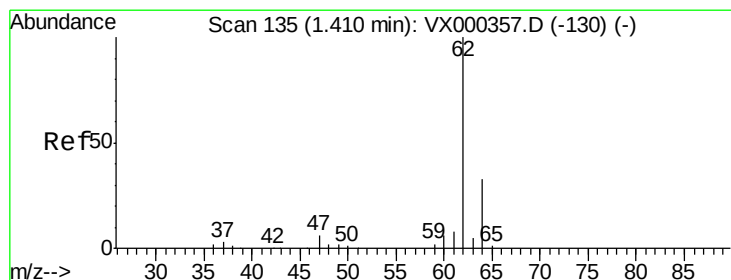
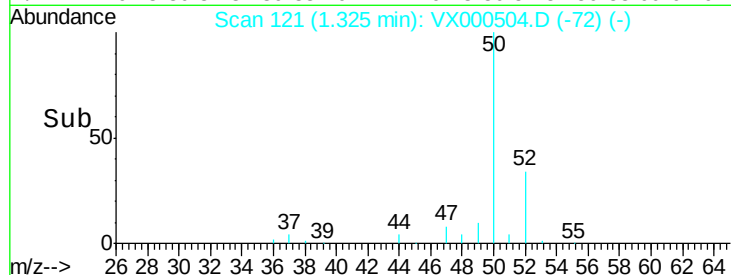
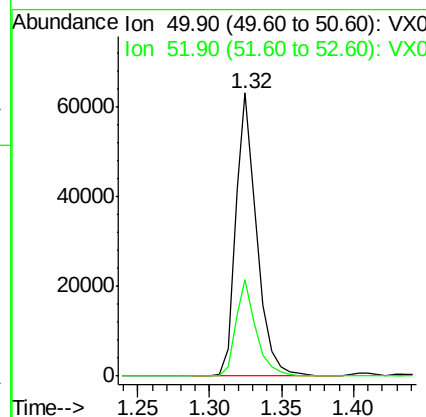
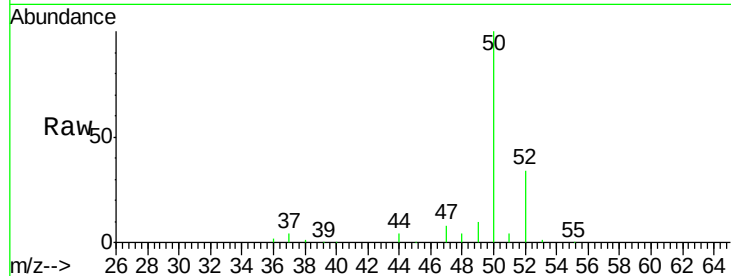
52 34.0 27.5 41.3

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#4

Vinyl Chloride

Concen: 53.07 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000504.D

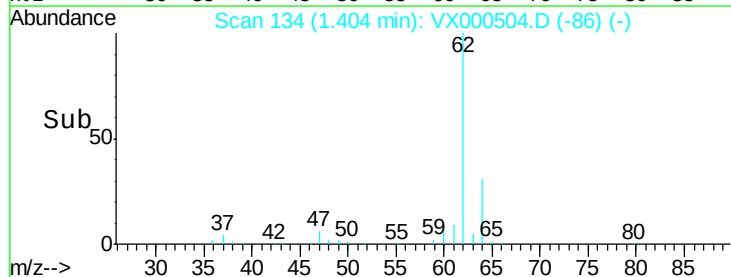
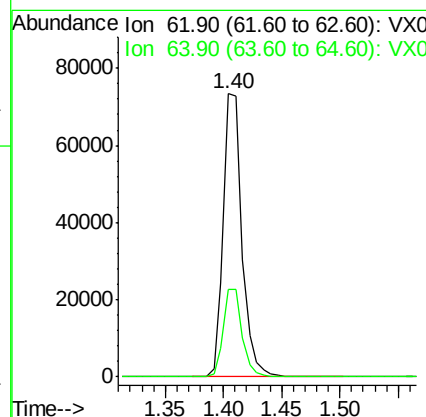
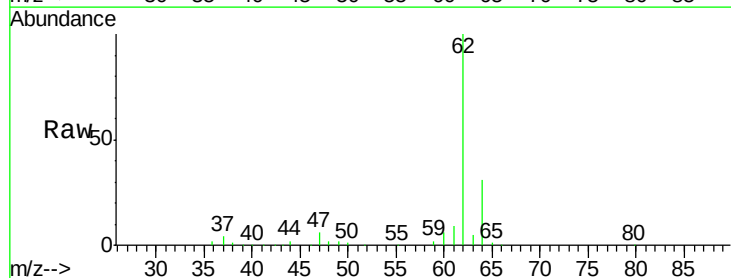
Acq: 28 Mar 2018 21:49

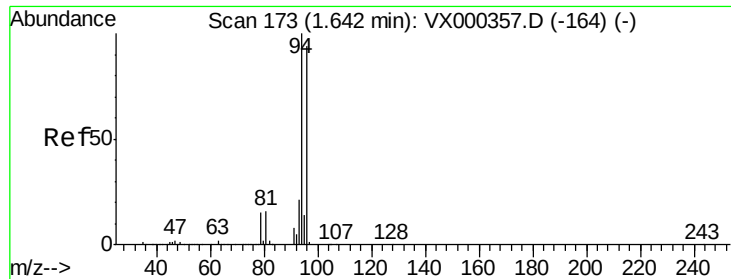
Tgt Ion: 62 Resp: 81112

Ion Ratio Lower Upper

62 100

64 31.0 24.8 37.2





#5

Bromomethane

Concen: 62.92 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX000504.D

Acq: 28 Mar 2018 21:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 115151

Ion Ratio Lower Upper

94 100

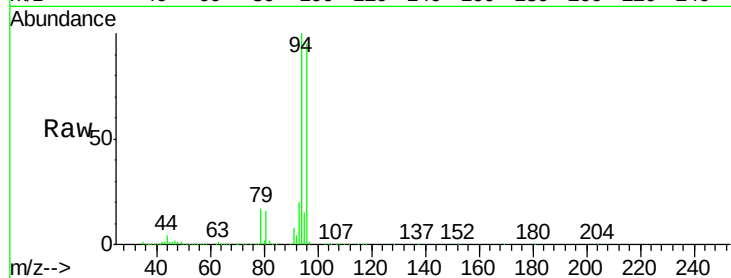
96 95.1 77.7 116.5

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

120000

100000

80000

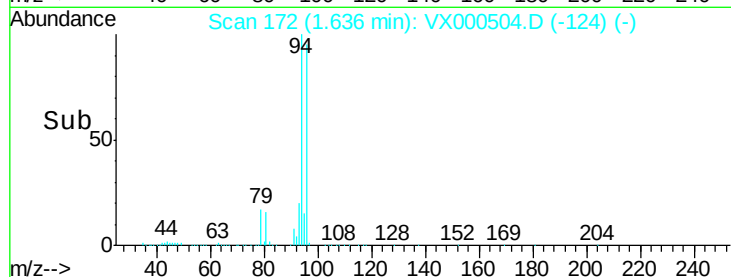
60000

40000

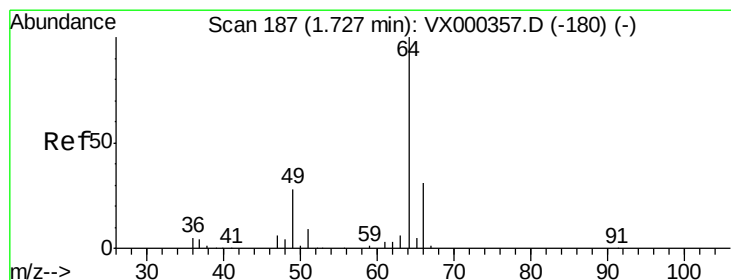
20000

0

Time-->



Time-->



#6

Chloroethane

Concen: 62.25 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX000504.D

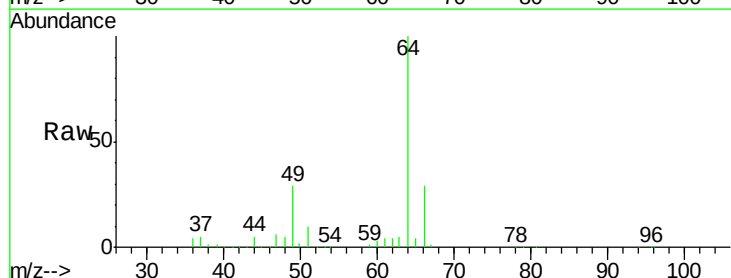
Acq: 28 Mar 2018 21:49

Tgt Ion: 64 Resp: 58455

Ion Ratio Lower Upper

64 100

66 29.4 24.8 37.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

50000

40000

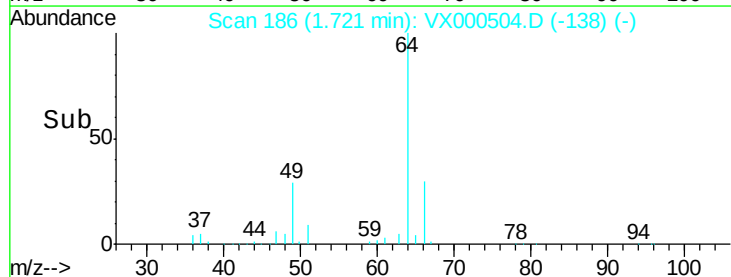
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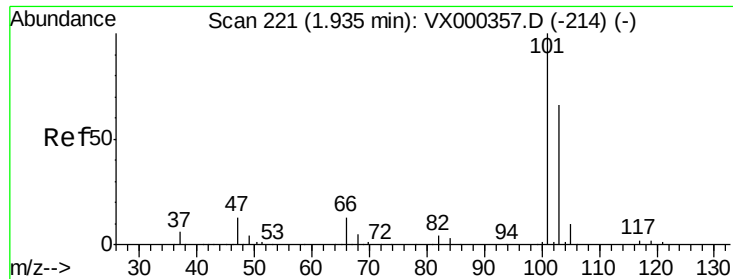
10000

0

Time-->



Time-->



#7

Trichlorofluoromethane

Concen: 54.14 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.01 min

Lab File: VX000504.D

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Instrument :

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Tot Ion:101 Resp: 149342

Ion Ratio Lower Upper

101 100

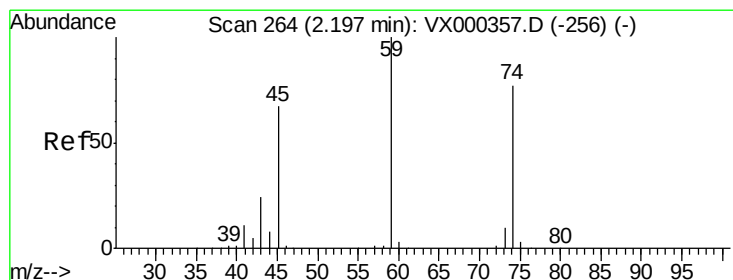
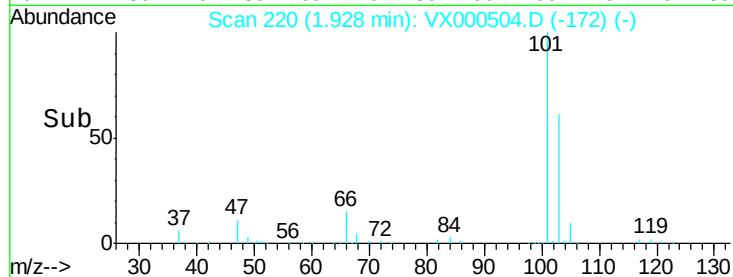
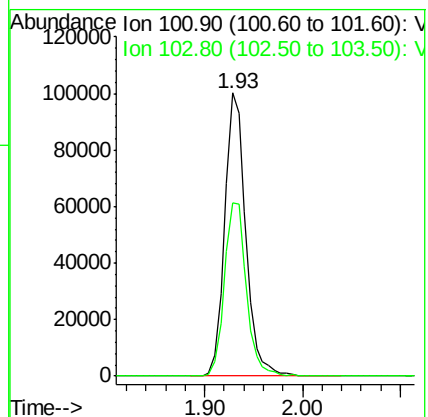
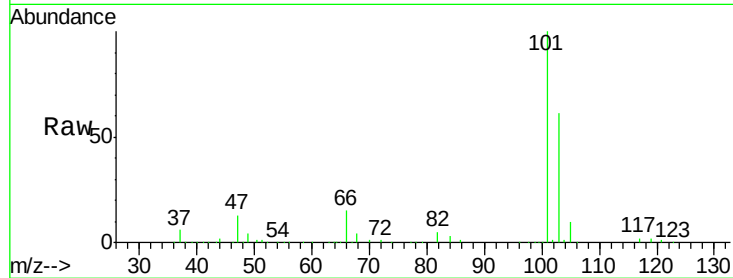
103 61.2 51.6 77.4

Manual Integrations

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3/29/2018 11:19:41 AM



#8

Diethyl Ether

Concen: 52.14 ug/l

RT: 2.20 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX000504.D

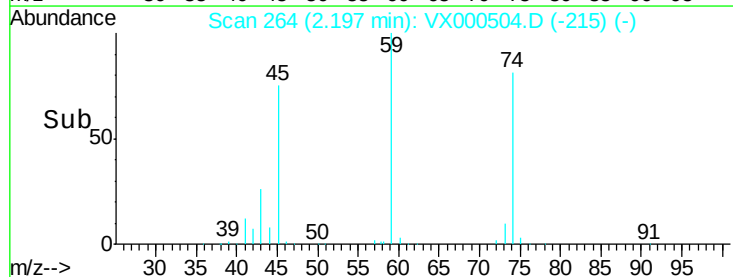
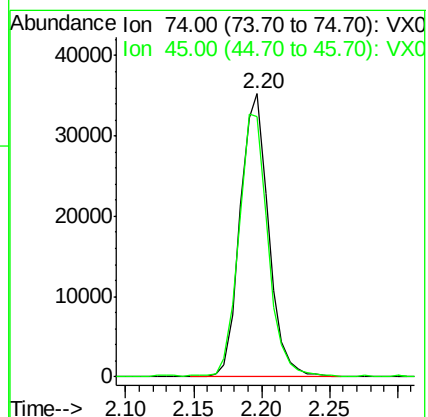
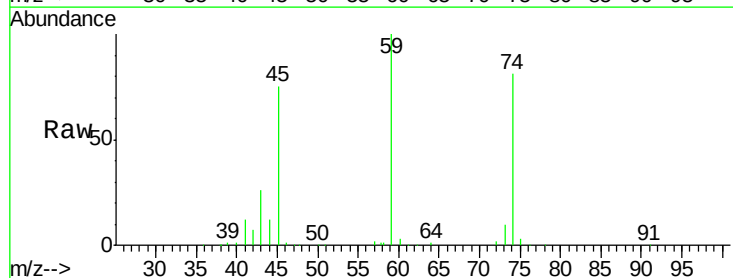
Acq: 28 Mar 2018 21:49

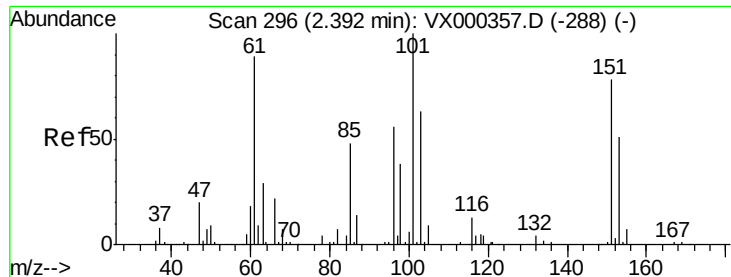
Tgt Ion: 74 Resp: 51398

Ion Ratio Lower Upper

74 100

45 93.9 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.17 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000504.D

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Instrument :

MSVOA_X

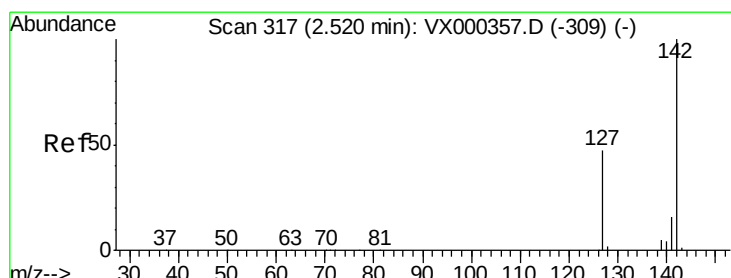
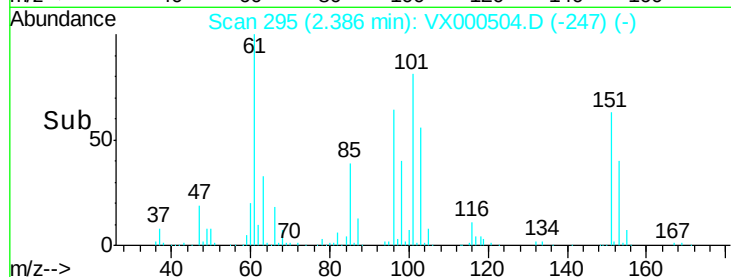
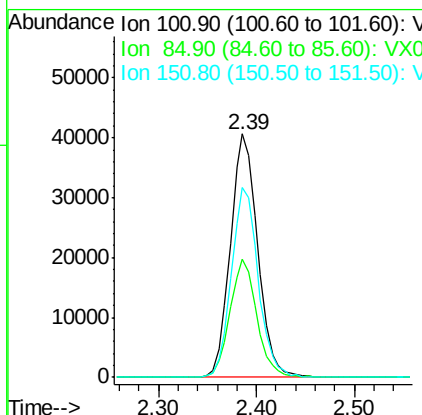
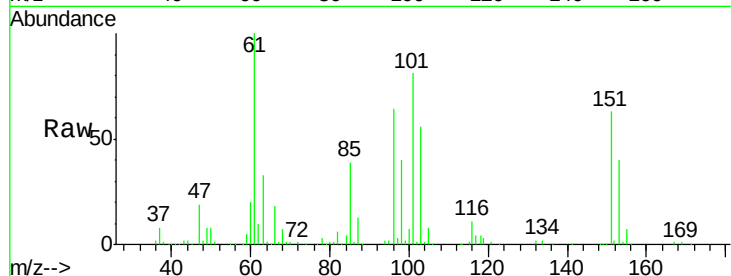
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	78712
Ion Ratio	Lower	Upper	
101	100		
85	47.8	37.6	56.4
151	76.7	62.6	93.8

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#10

Methyl Iodide

Concen: 32.93 ug/l

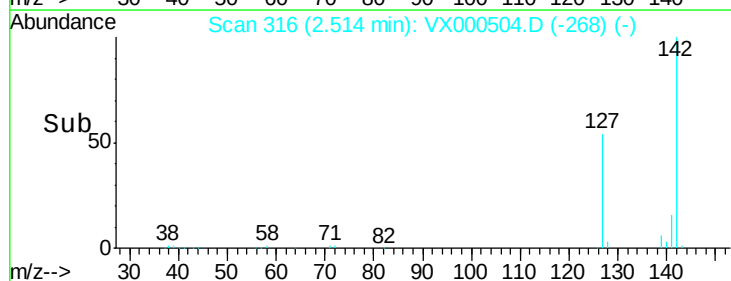
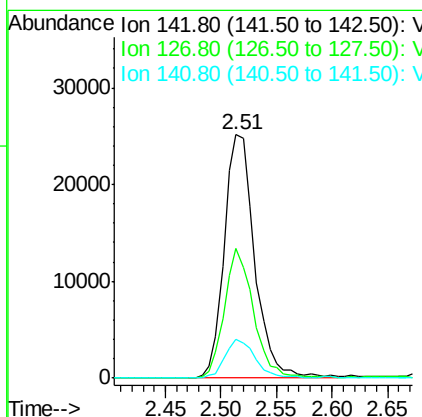
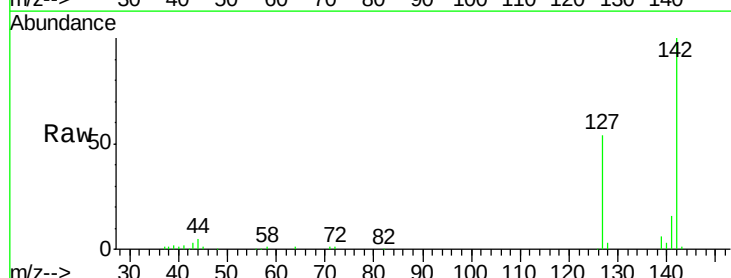
RT: 2.51 min Scan# 316

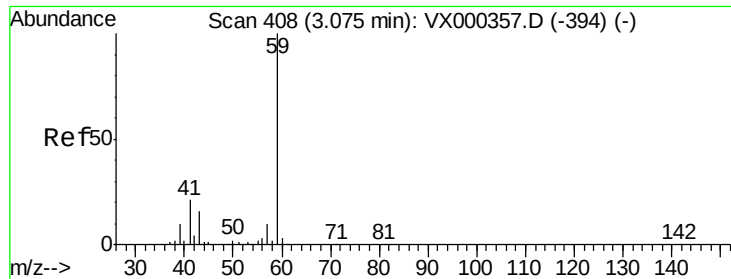
Delta R.T. -0.01 min

Lab File: VX000504.D

Acq: 28 Mar 2018 21:49

Tgt Ion:	142	Resp:	47750
Ion Ratio	Lower	Upper	
142	100		
127	51.0	39.2	58.8
141	15.7	11.7	17.5





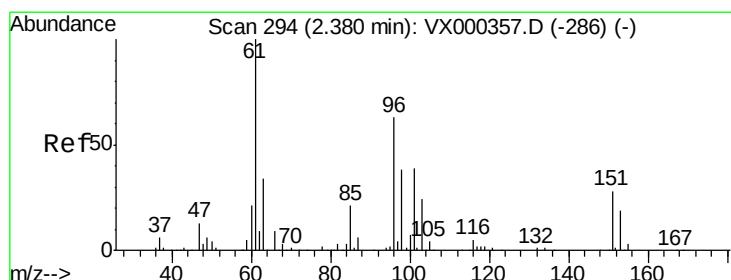
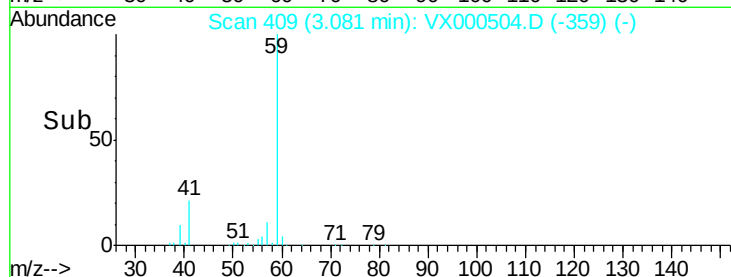
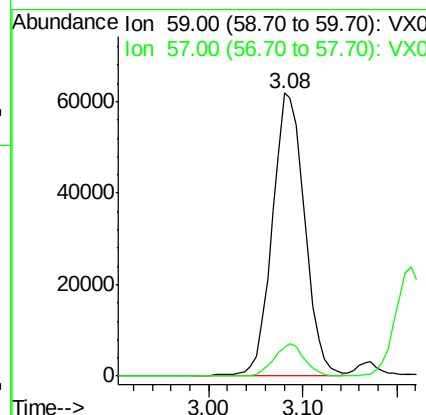
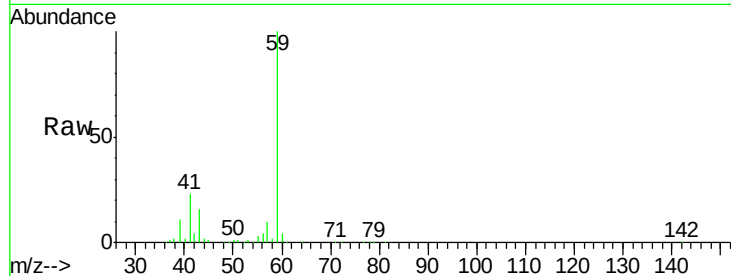
#11
Tert butyl alcohol
Concen: 265.34 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.01 min
Lab File: VX000504.D
Acq: 28 Mar 2018 21:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.4	12.6

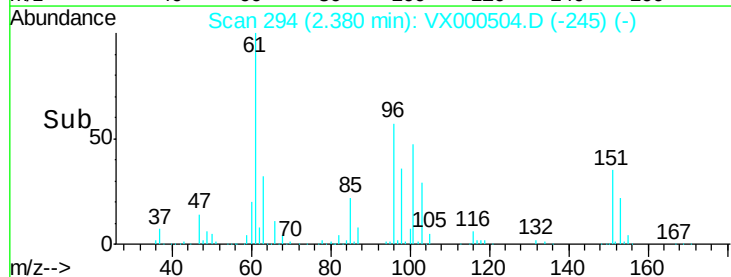
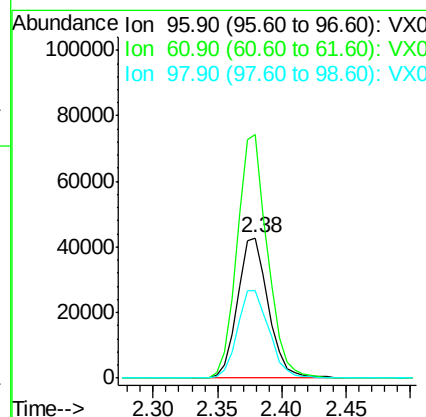
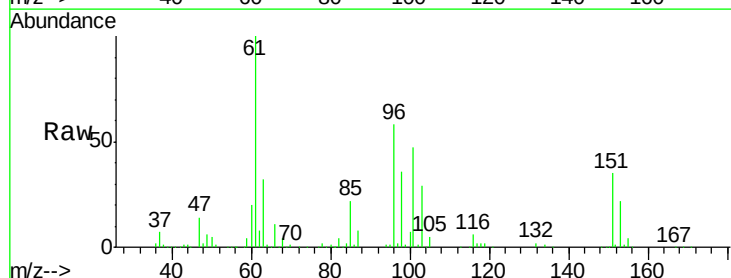
Manual Integrations
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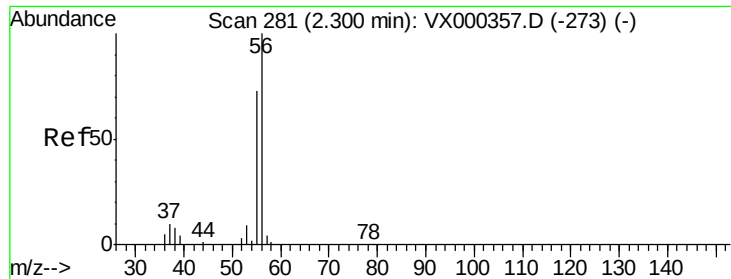
MMDadoda
3/29/2018 11:19:41 AM



#12
1,1-Dichloroethene
Concen: 52.86 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000504.D
Acq: 28 Mar 2018 21:49

Tgt Ion	Ratio	Lower	Upper
96	100		
61	173.8	131.2	196.8
98	62.9	49.8	74.8





#13

Acrolein

Concen: 523.42 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000504.D

Acq: 28 Mar 2018 21:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 96511

Ion Ratio Lower Upper

56 100

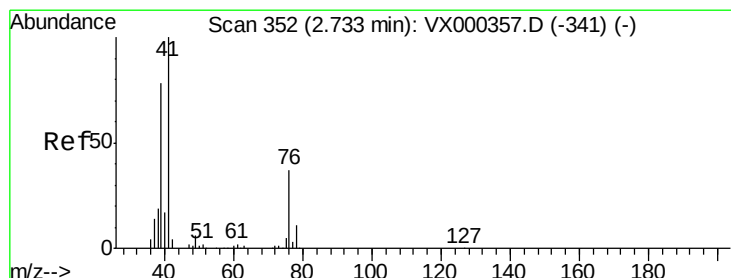
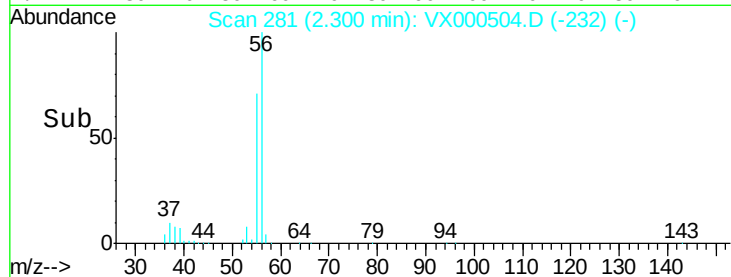
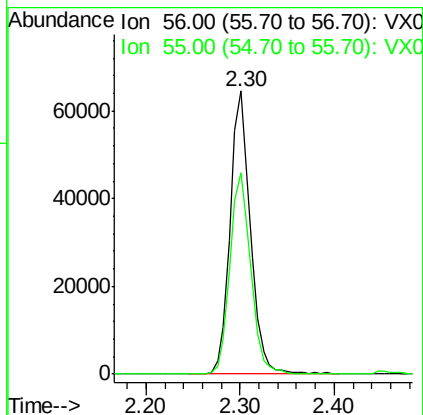
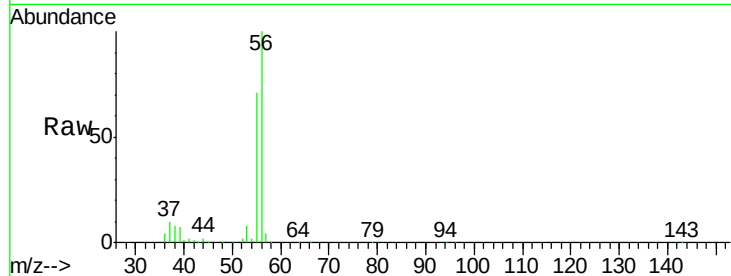
55 73.1 58.8 88.2

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#14

Allyl chloride

Concen: 54.40 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000504.D

Acq: 28 Mar 2018 21:49

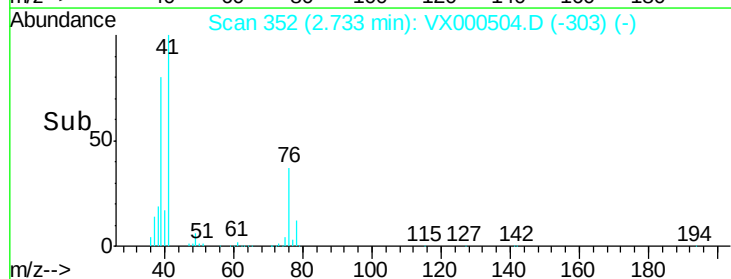
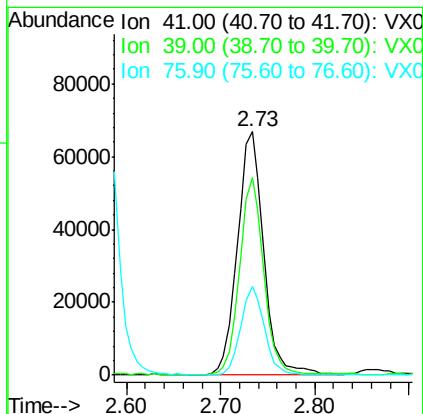
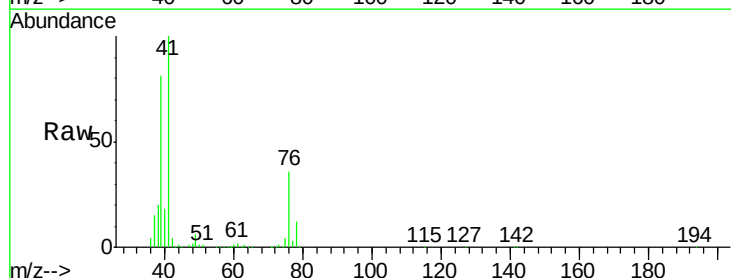
Tgt Ion: 41 Resp: 129713

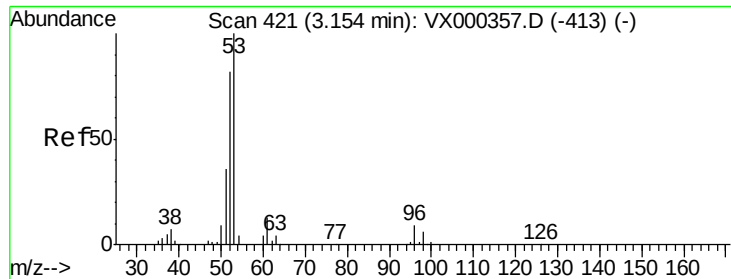
Ion Ratio Lower Upper

41 100

39 74.1 57.6 86.4

76 32.4 27.3 40.9





#15

Acrylonitrile

Concen: 266.32 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX000504.D

Acq: 28 Mar 2018 21:49

Instrument :

MSVOA_X

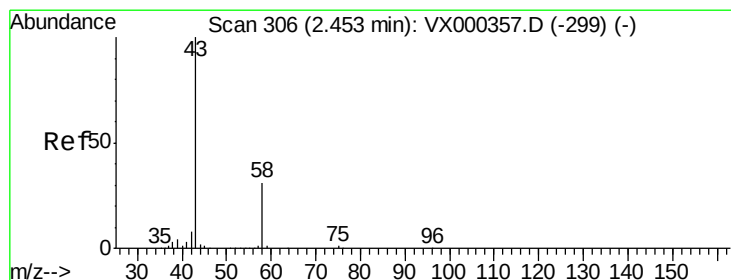
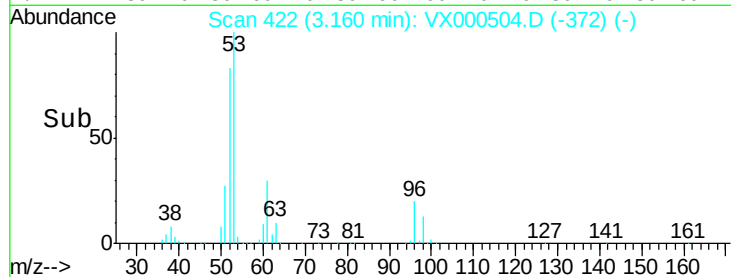
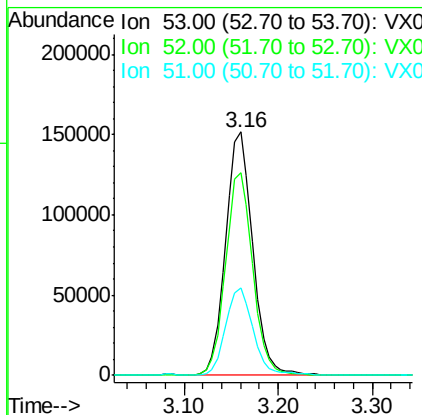
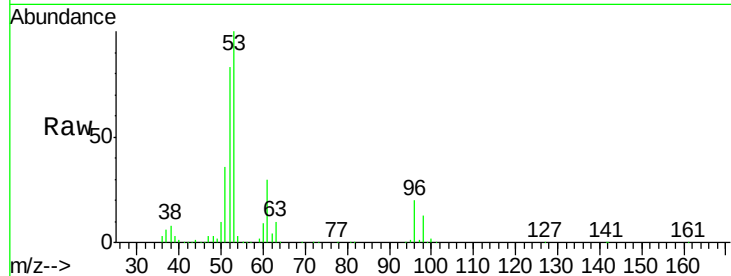
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	301733
Ion Ratio		Lower	Upper
53	100		
52	83.5	66.6	99.8
51	37.0	29.3	43.9

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#16

Acetone

Concen: 222.16 ug/l

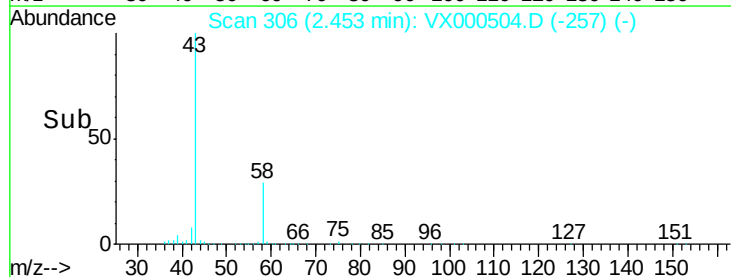
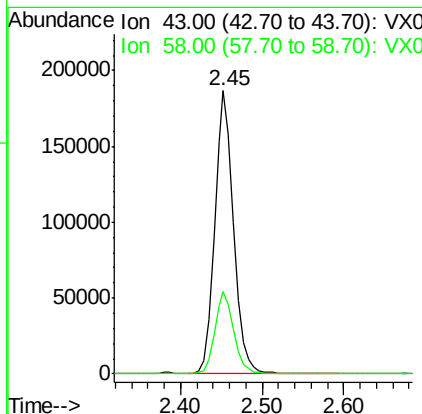
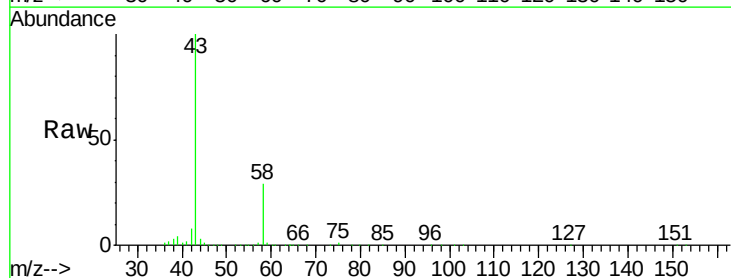
RT: 2.45 min Scan# 306

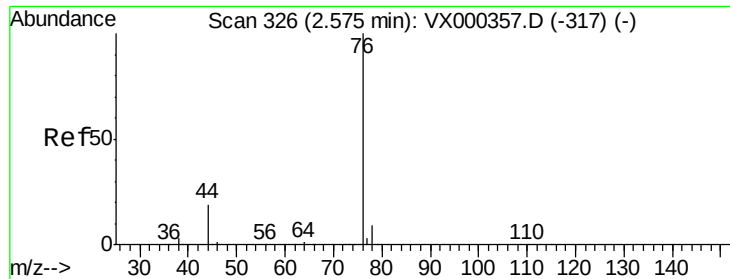
Delta R.T. -0.00 min

Lab File: VX000504.D

Acq: 28 Mar 2018 21:49

Tgt Ion:	43	Resp:	300543
Ion Ratio		Lower	Upper
43	100		
58	29.0	24.7	37.1





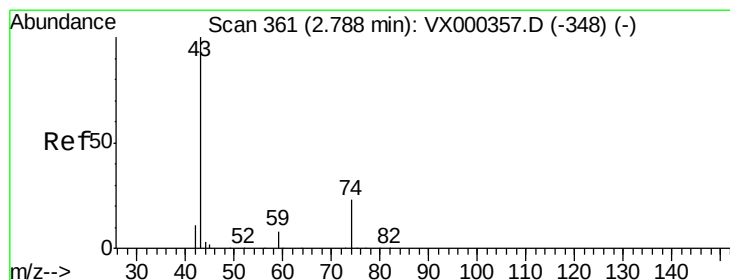
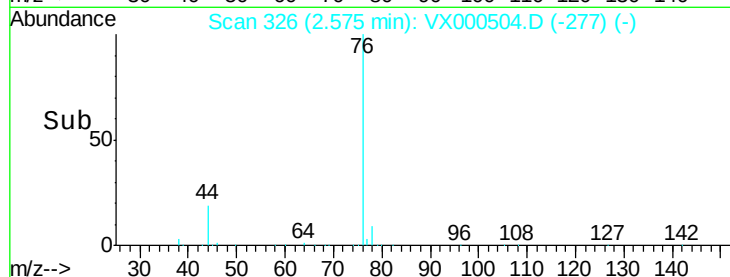
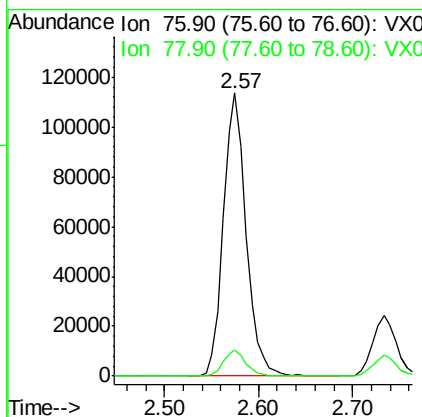
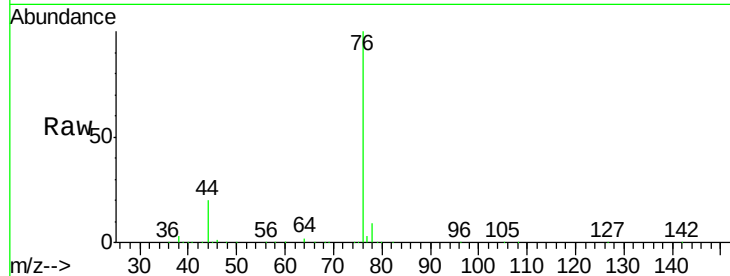
#17
Carbon Disulfide
Concen: 52.85 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000504.D
Acq: 28 Mar 2018 21:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.0	10.6

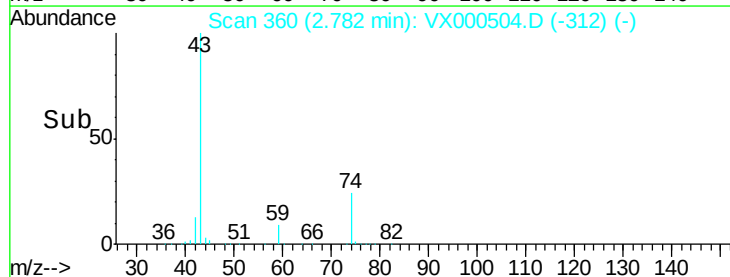
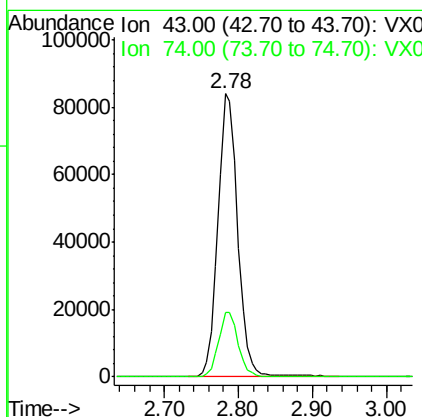
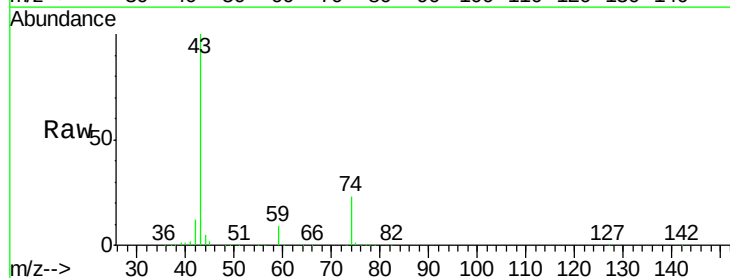
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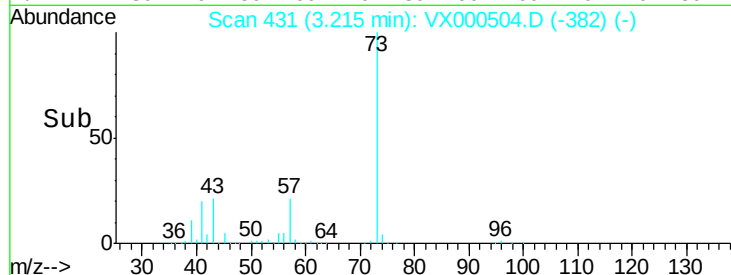
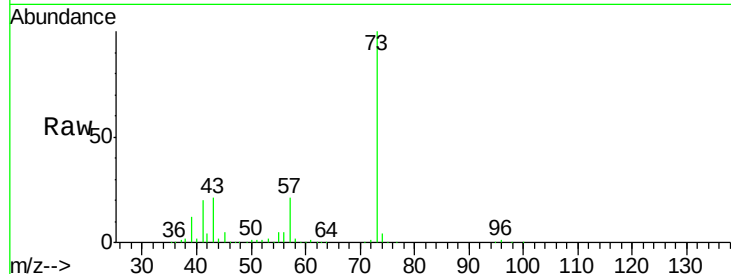
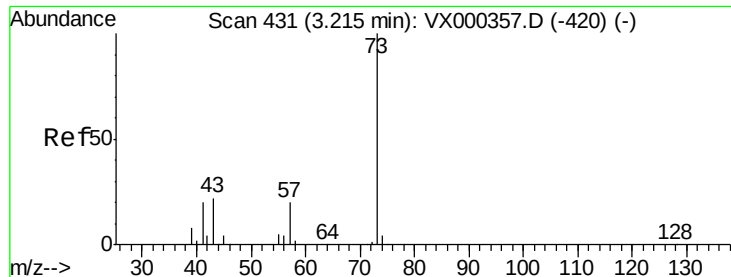
MMDadoda
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#18
Methyl Acetate
Concen: 54.21 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000504.D
Acq: 28 Mar 2018 21:49

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.1	19.4	29.2





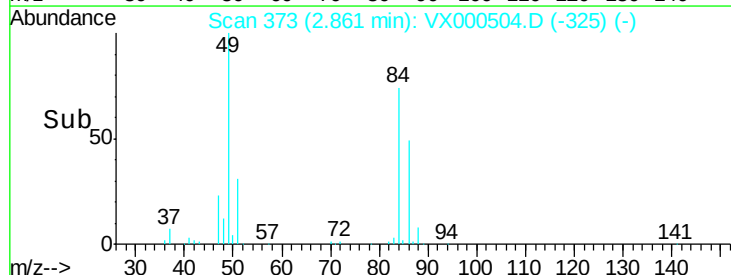
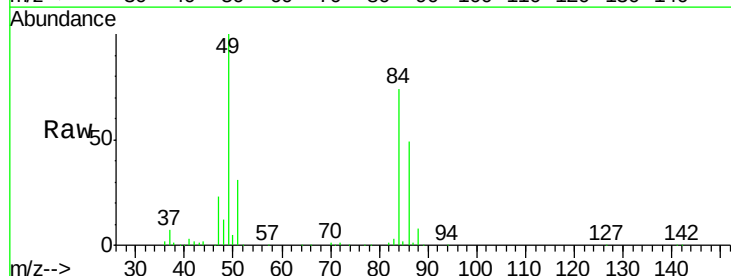
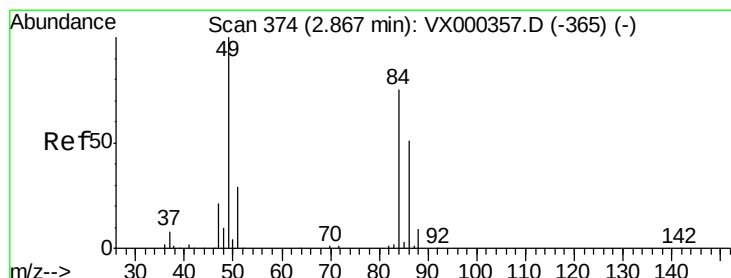
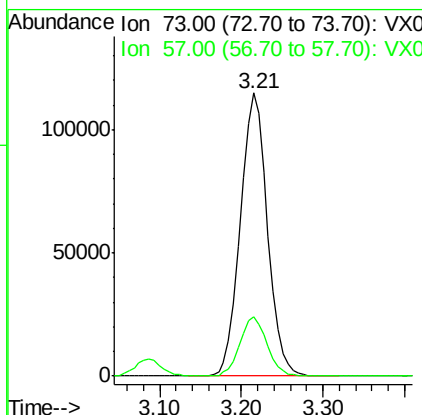
#19
Methyl tert-butyl Ether
Concen: 52.84 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000504.D
Acq: 28 Mar 2018 21:49

Tot Ion: 73 Resp: 263911
Ion Ratio Lower Upper
73 100
57 20.9 17.2 25.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

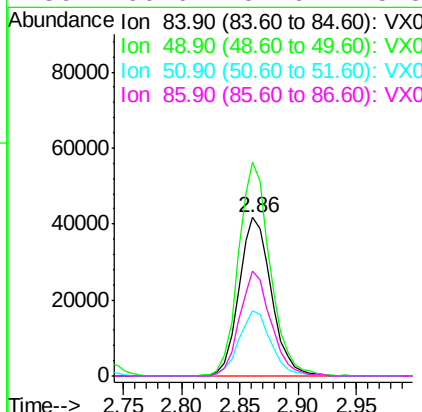
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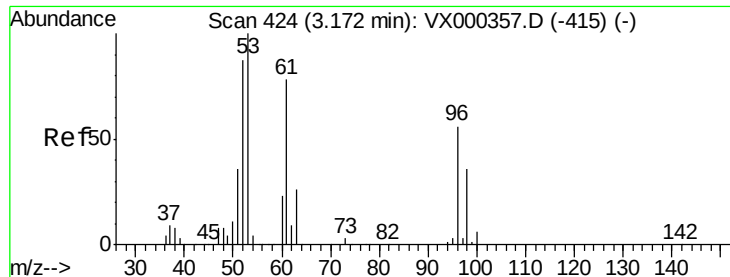
MMDadoda
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#20
Methylene Chloride
Concen: 51.80 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000504.D
Acq: 28 Mar 2018 21:49

Tgt Ion: 84 Resp: 80937
Ion Ratio Lower Upper
84 100
49 135.0 100.6 151.0
51 41.4 31.6 47.4
86 66.6 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 52.33 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000504.D

Acq: 28 Mar 2018 21:49

Instrument :

MSVOA_X

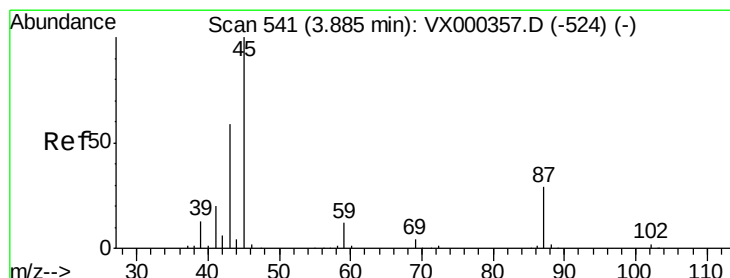
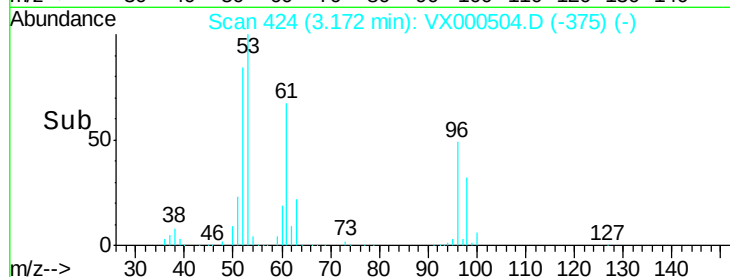
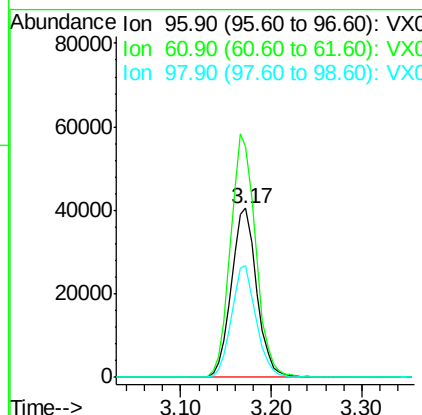
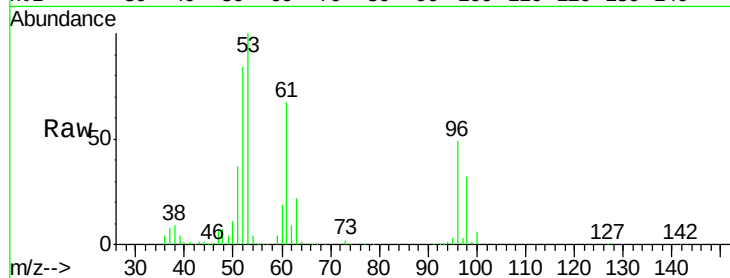
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	78820
Ion	Ratio	Lower	Upper
96	100		
61	136.5	104.0	156.0
98	65.8	52.1	78.1

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#22

Diisopropyl ether

Concen: 47.65 ug/l

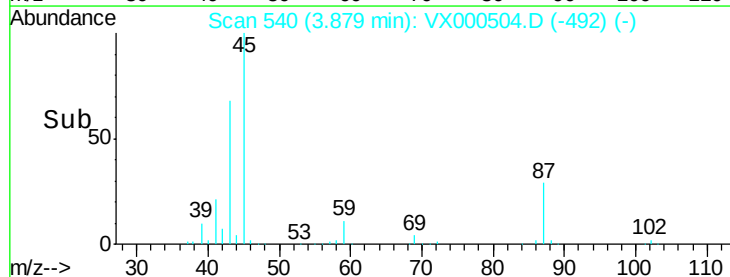
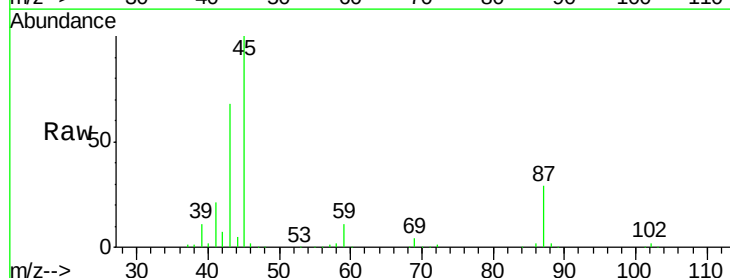
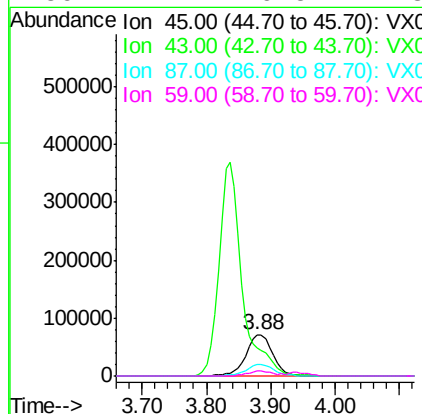
RT: 3.88 min Scan# 540

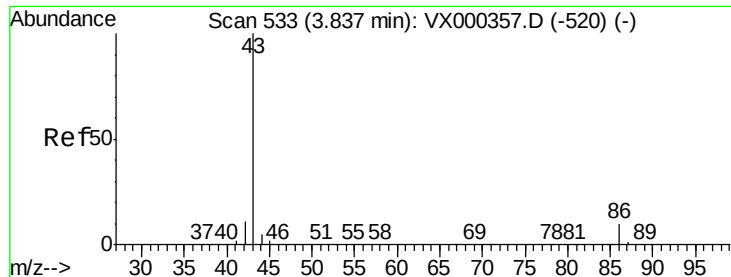
Delta R.T. -0.01 min

Lab File: VX000504.D

Acq: 28 Mar 2018 21:49

Tgt Ion:	45	Resp:	201161
Ion	Ratio	Lower	Upper
45	100		
43	67.6	53.9	80.9
87	29.1	22.6	34.0
59	11.2	9.5	14.3





#23

Vinyl Acetate

Concen: 234.50 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000504.D

Acq: 28 Mar 2018 21:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 938436

Ion Ratio Lower Upper

43 100

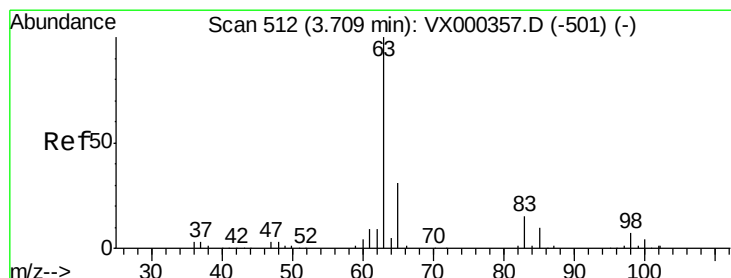
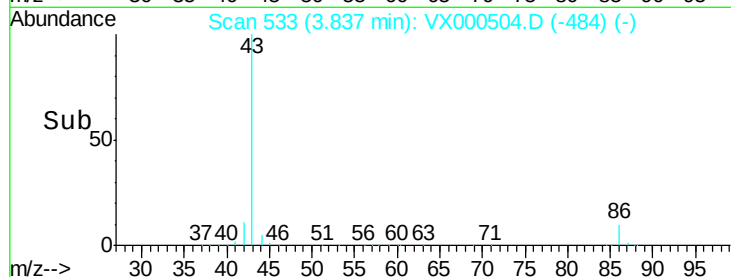
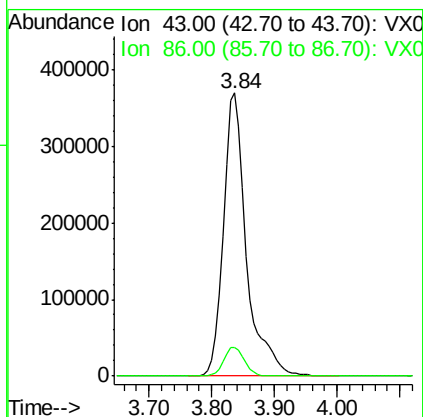
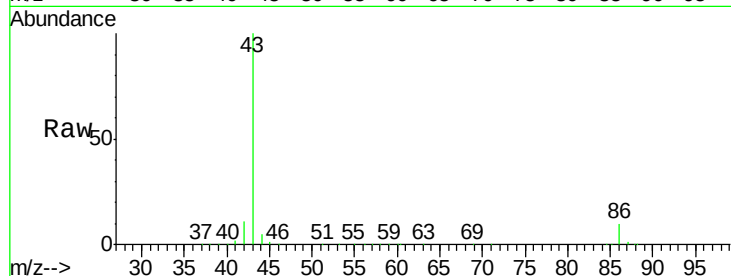
86 10.2 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 50.61 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000504.D

Acq: 28 Mar 2018 21:49

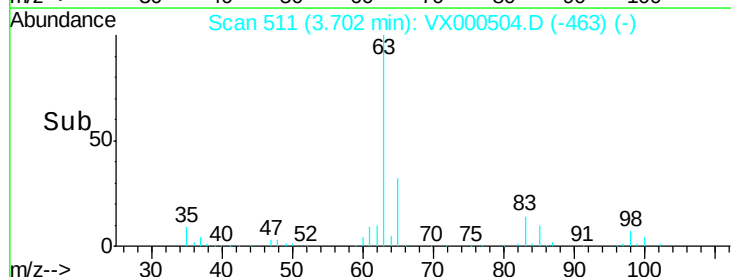
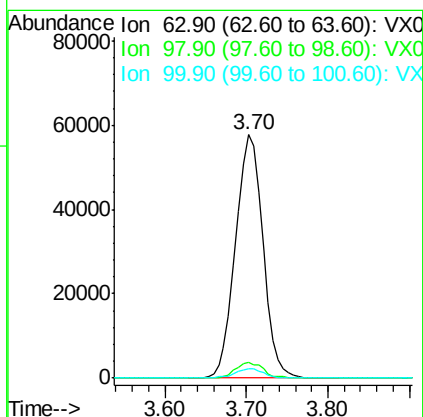
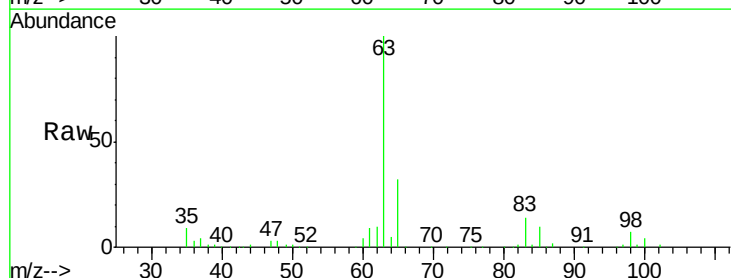
Tgt Ion: 63 Resp: 134335

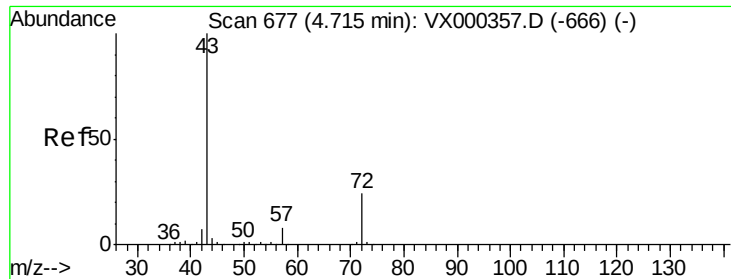
Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.9

100 3.8 2.0 5.8





#25

2-Butanone

Concen: 234.97 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX000504.D

Acq: 28 Mar 2018 21:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 357301

Ion Ratio Lower Upper

43 100

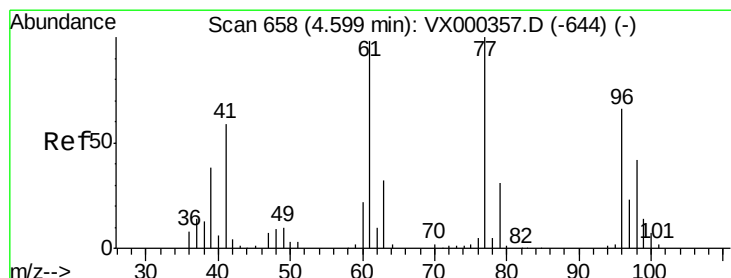
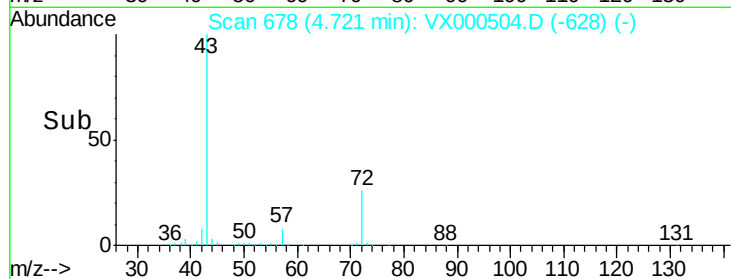
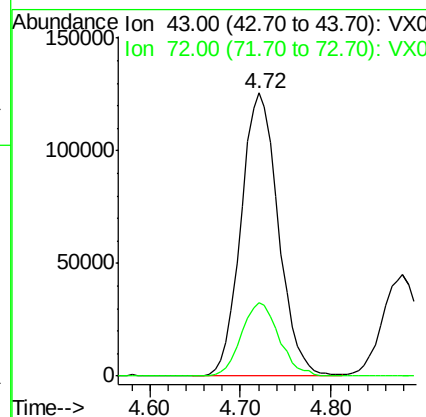
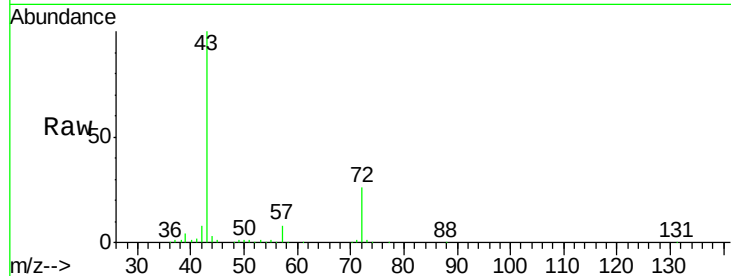
72 25.8 21.0 31.6

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#26

2,2-Dichloropropane

Concen: 43.73 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX000504.D

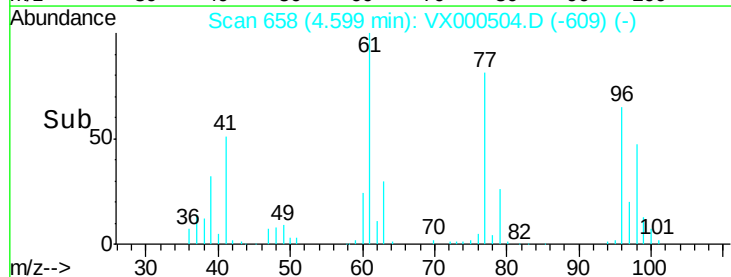
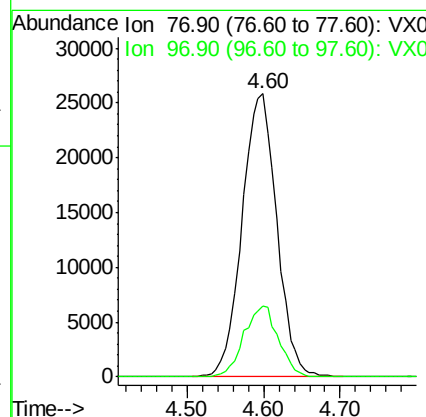
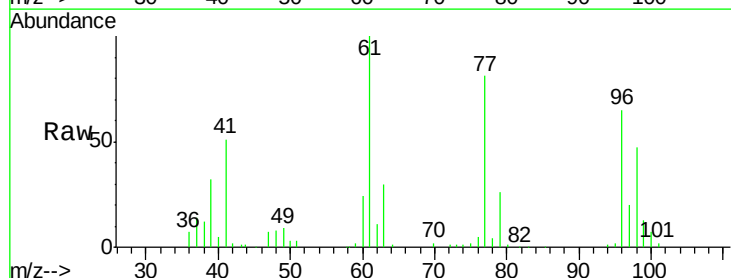
Acq: 28 Mar 2018 21:49

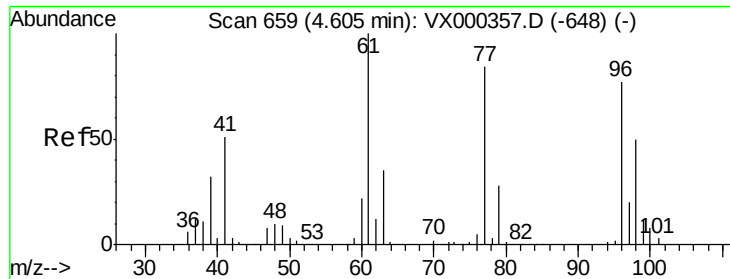
Tgt Ion: 77 Resp: 81350

Ion Ratio Lower Upper

77 100

97 24.8 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 49.08 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX000504.D

Acq: 28 Mar 2018 21:49

Instrument :

MSVOA_X

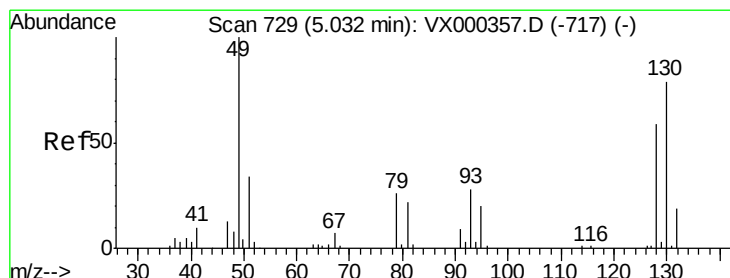
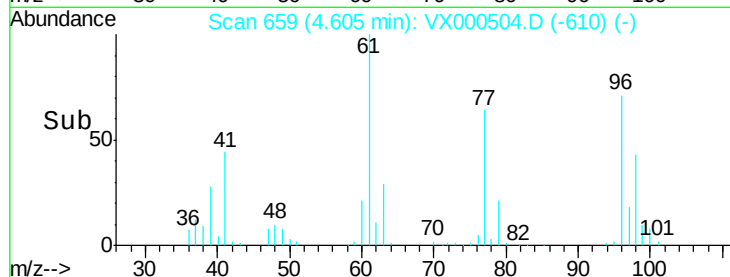
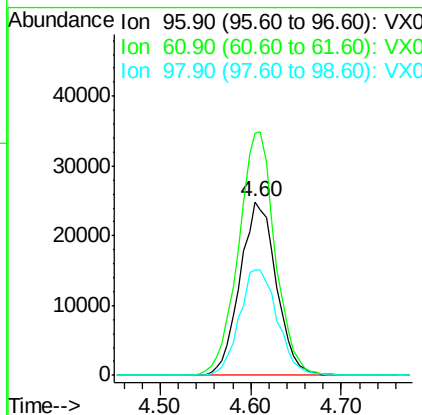
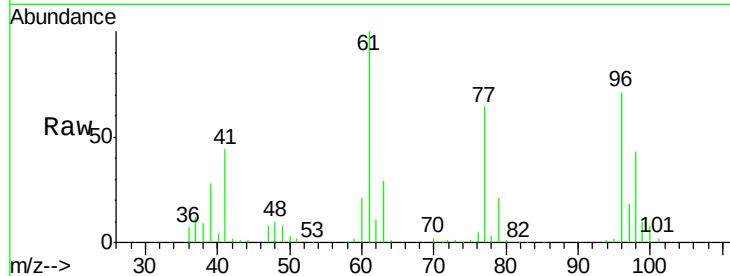
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	69091
Ion	Ratio	Lower	Upper
96	100		
61	141.6	0.0	291.6
98	63.5	0.0	132.0

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#28

Bromochloromethane

Concen: 67.96 ug/l

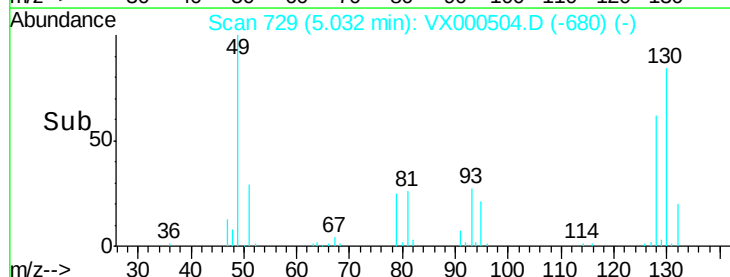
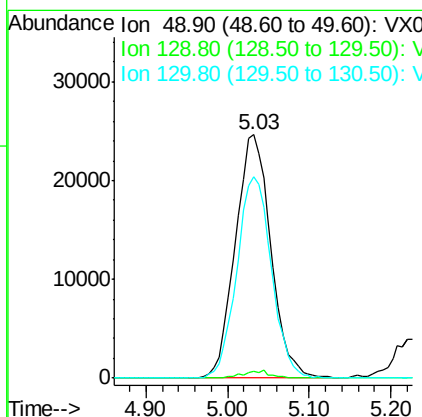
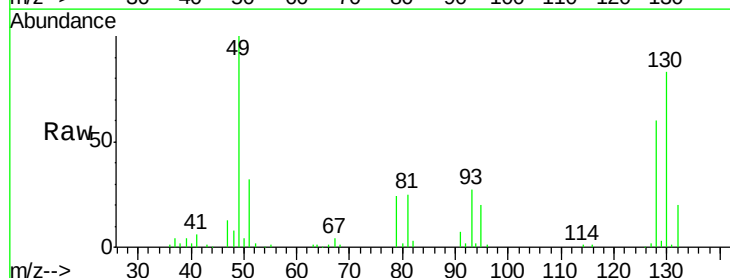
RT: 5.03 min Scan# 729

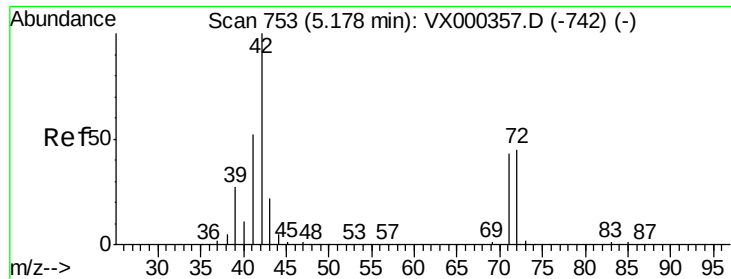
Delta R.T. -0.00 min

Lab File: VX000504.D

Acq: 28 Mar 2018 21:49

Tgt Ion:	49	Resp:	74382
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	80.7	64.0	96.0





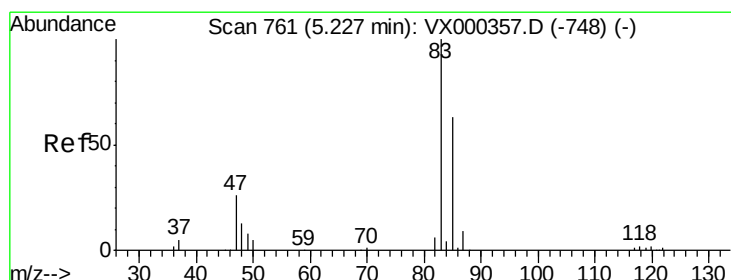
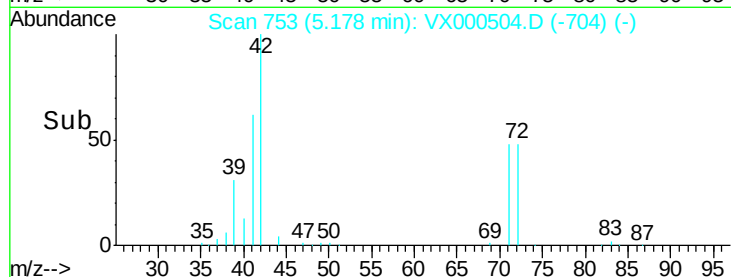
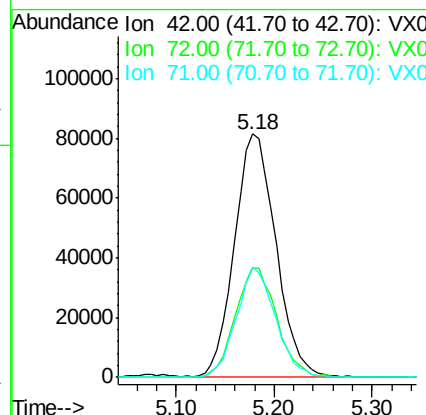
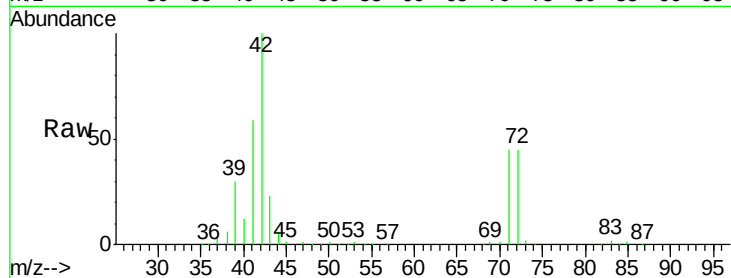
#29
Tetrahydrofuran
Concen: 254.67 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX000504.D
Acq: 28 Mar 2018 21:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.4	37.9	56.9
71	43.2	34.4	51.6

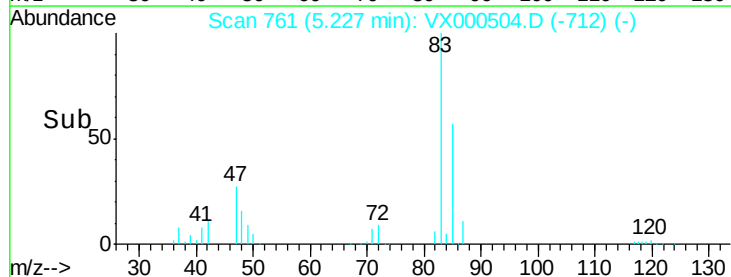
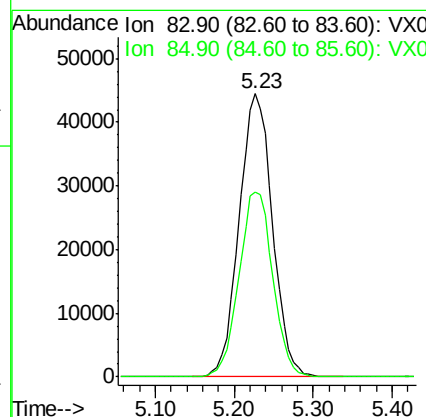
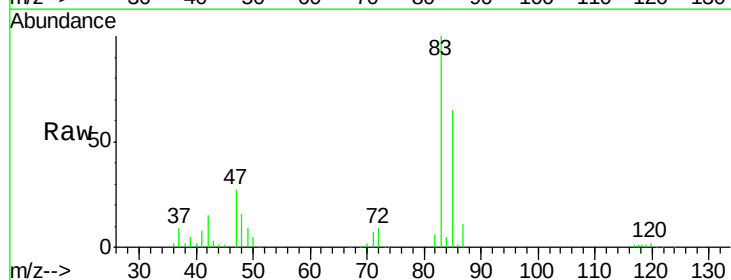
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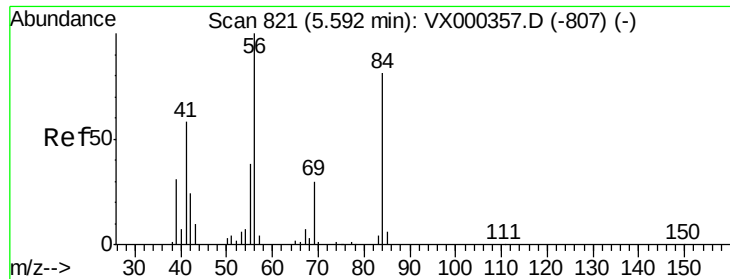
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3/29/2018 11:19:41 AM



#30
Chloroform
Concen: 52.45 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000504.D
Acq: 28 Mar 2018 21:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	53.3	79.9





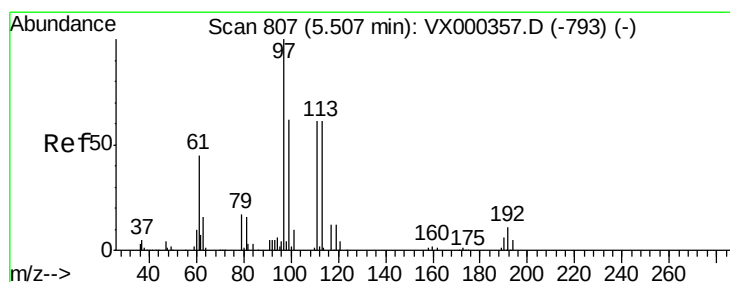
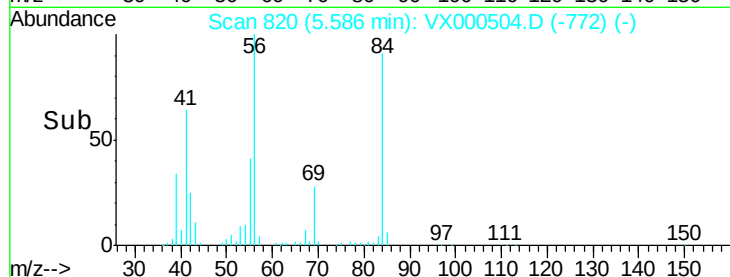
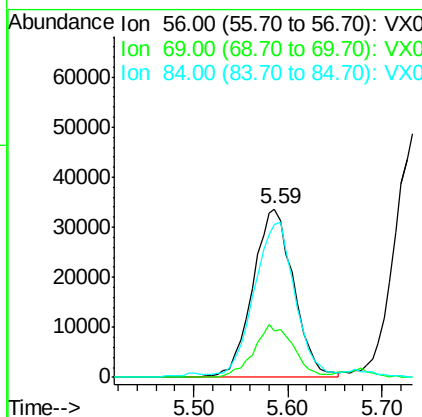
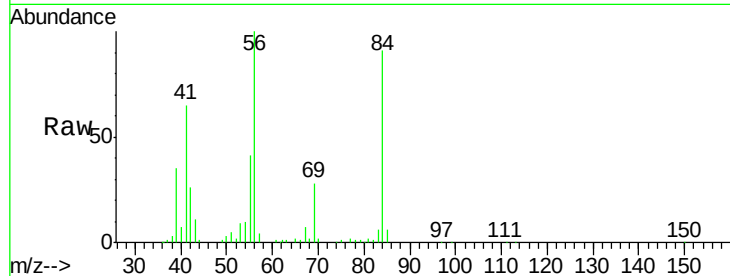
#31
Cyclohexane
Concen: 49.95 ug/l
RT: 5.59 min Scan# 820
Delta R.T. -0.01 min
Lab File: VX000504.D
Acq: 28 Mar 2018 21:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	27.4	23.4	35.0
84	88.4	71.0	106.4

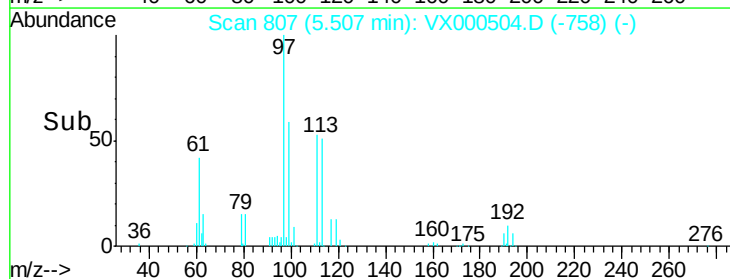
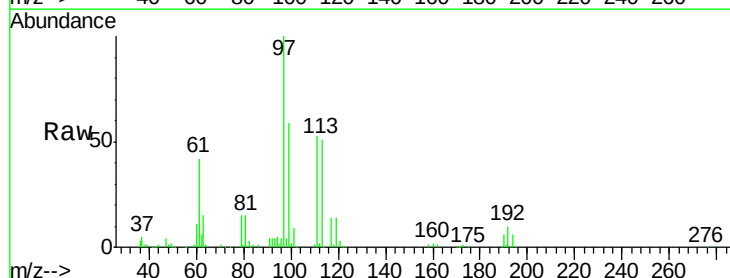
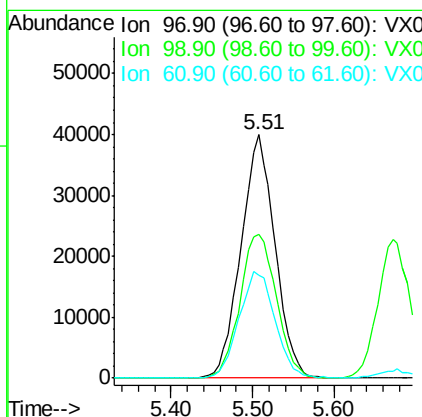
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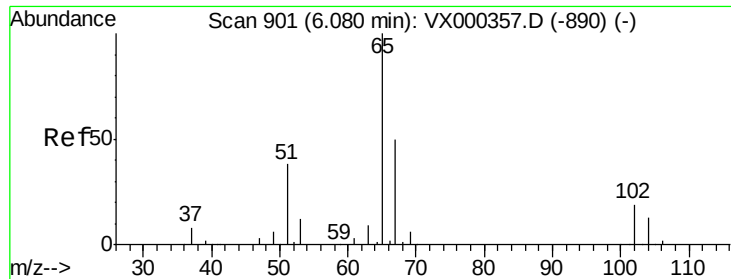
MMDadoda
3/29/2018 11:19:41 AM



#32
1,1,1-Trichloroethane
Concen: 51.67 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX000504.D
Acq: 28 Mar 2018 21:49

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.4	52.1	78.1
61	46.4	36.2	54.4





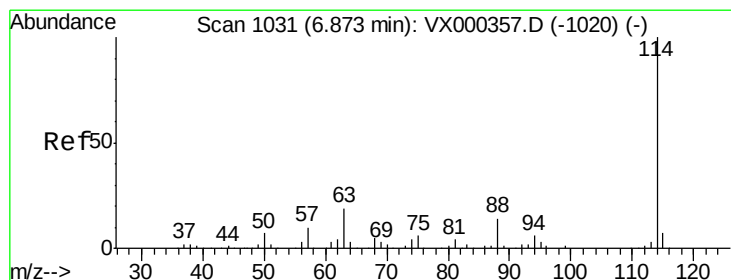
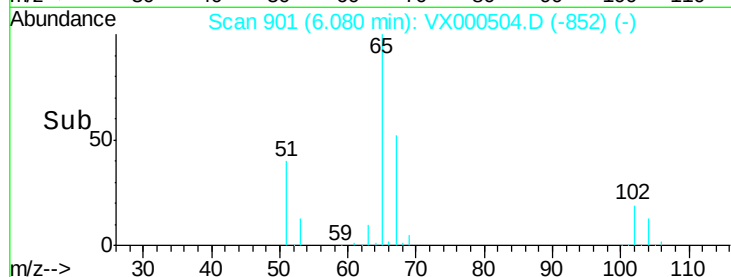
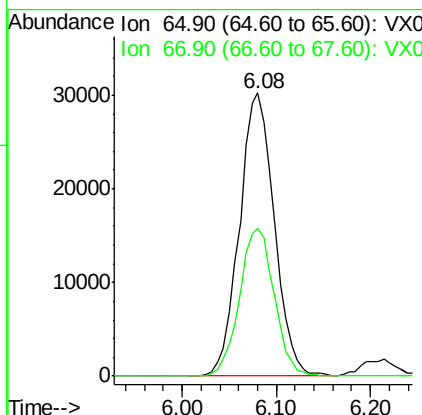
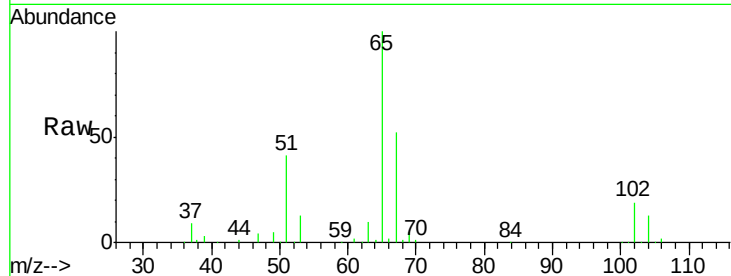
#33
 1,2-Dichloroethane-d4
 Concen: 47.82 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000504.D
 Acq: 28 Mar 2018 21:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	103.2

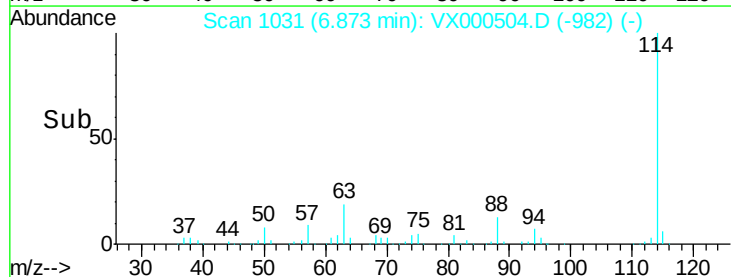
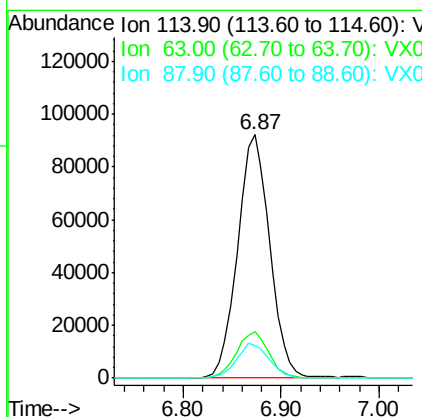
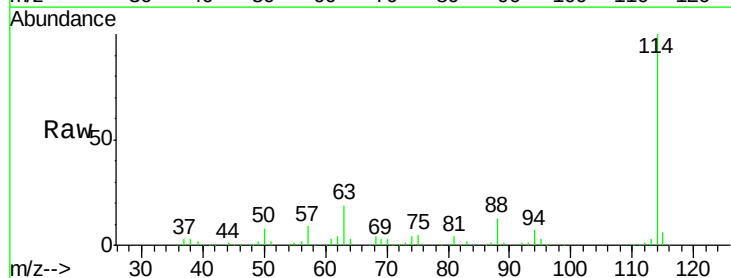
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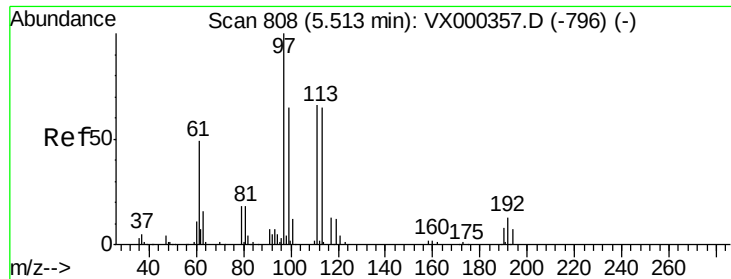
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 3/29/2018 11:19:41 AM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000504.D
 Acq: 28 Mar 2018 21:49

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	38.4
88	13.1	0.0	27.0





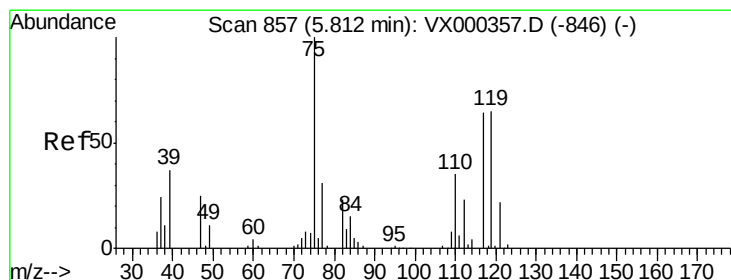
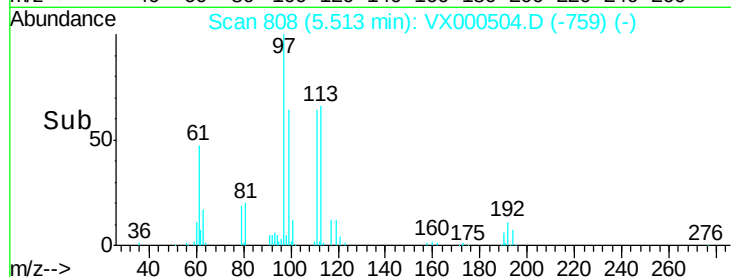
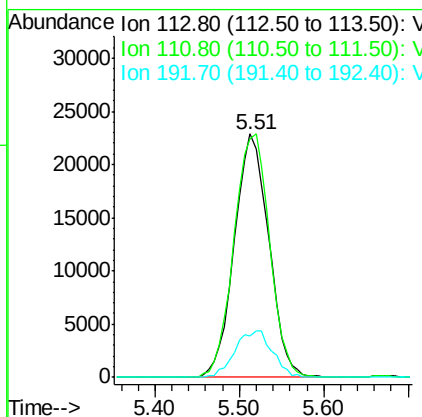
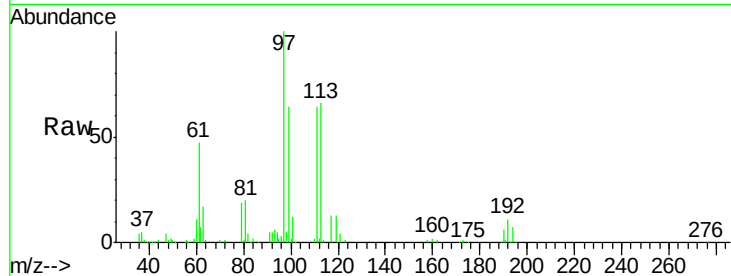
#35
 Dibromofluoromethane
 Concen: 47.60 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000504.D
 Acq: 28 Mar 2018 21:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.4	123.6
192	20.8	15.8	23.6

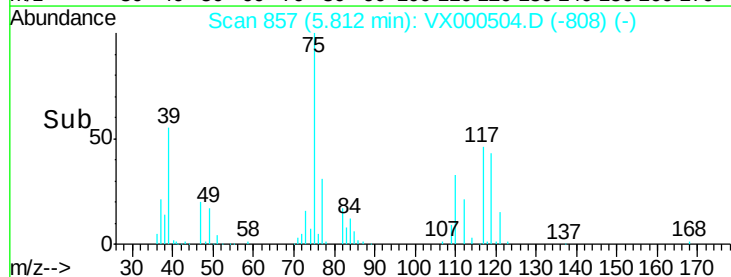
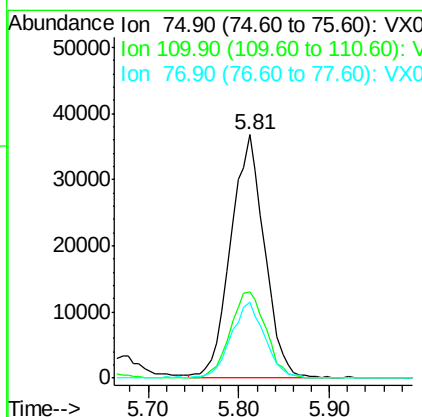
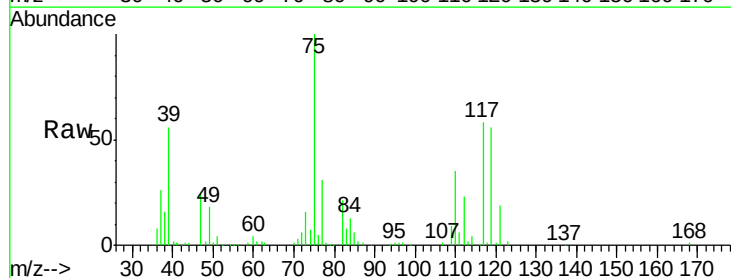
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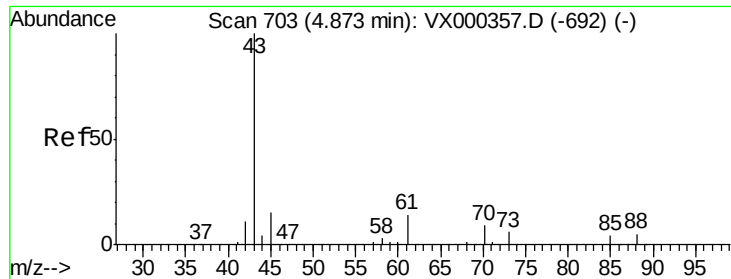
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 3/29/2018 11:19:41 AM



#36
 1,1-Dichloropropene
 Concen: 47.71 ug/l
 RT: 5.81 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: VX000504.D
 Acq: 28 Mar 2018 21:49

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.8	17.9	53.7
77	31.4	24.0	36.0





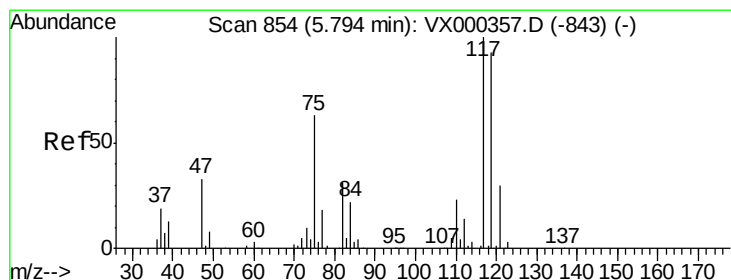
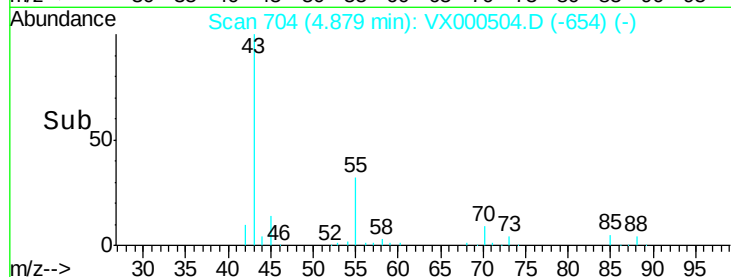
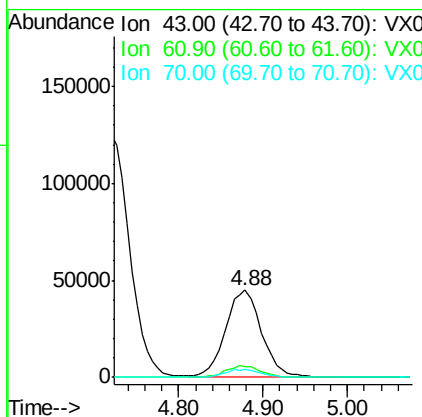
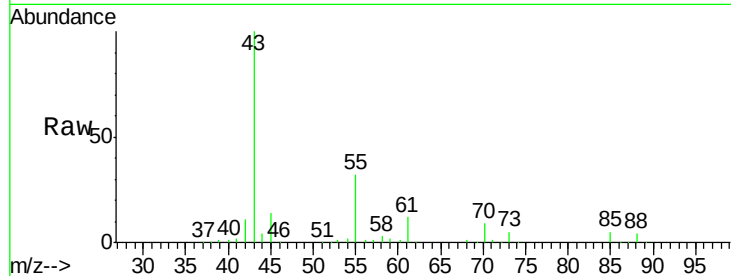
#37
Ethyl Acetate
Concen: 47.86 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX000504.D
Acq: 28 Mar 2018 21:49

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	11.1	16.7
70	9.2	7.7	11.5

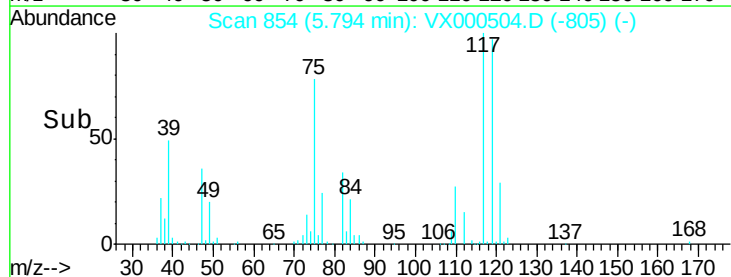
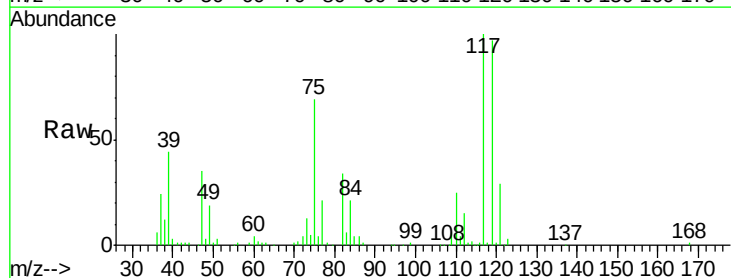
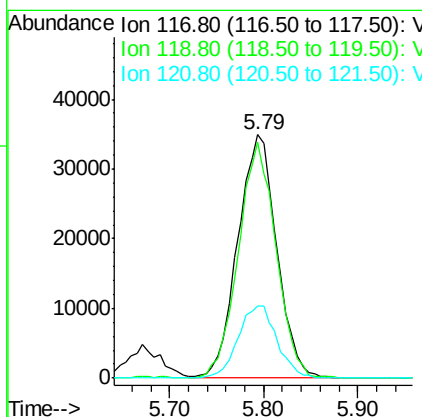
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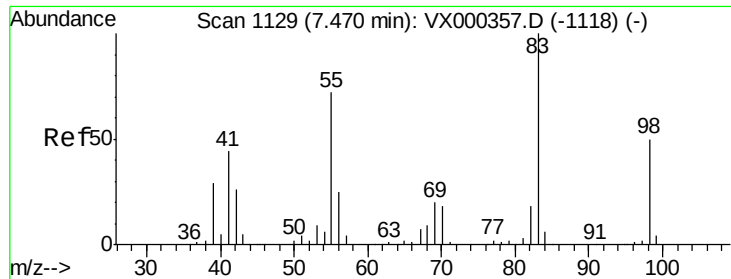
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3/29/2018 11:19:41 AM



#38
Carbon Tetrachloride
Concen: 48.65 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000504.D
Acq: 28 Mar 2018 21:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.4	116.2
121	29.5	24.8	37.2





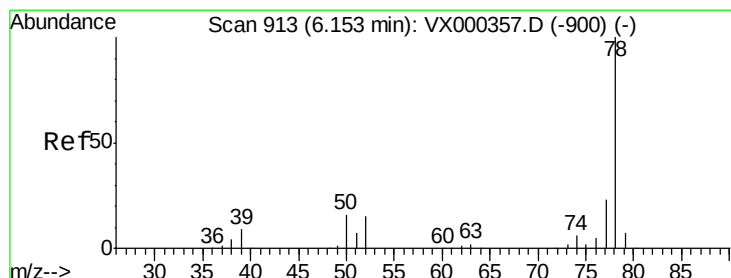
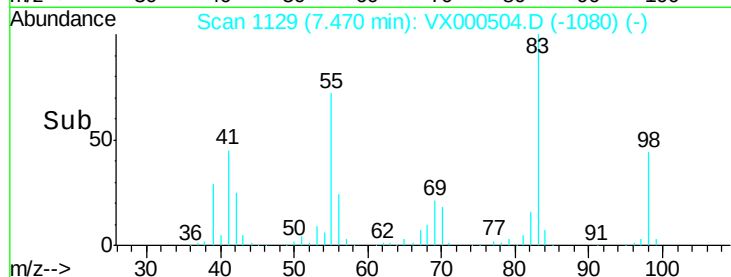
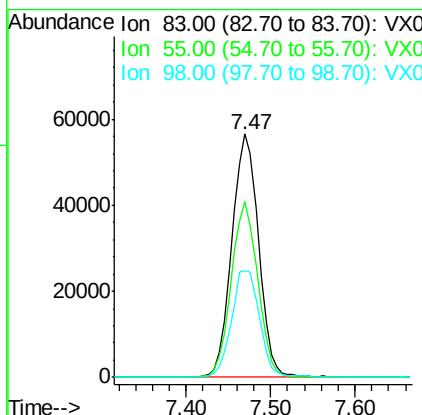
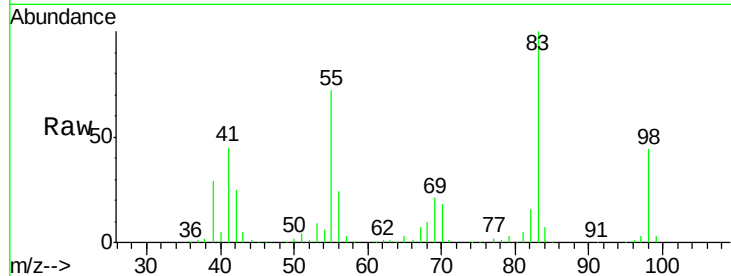
#39
Methylvlcyclohexane
Concen: 50.39 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000504.D
Acq: 28 Mar 2018 21:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.4	55.5	83.3
98	44.0	38.2	57.4

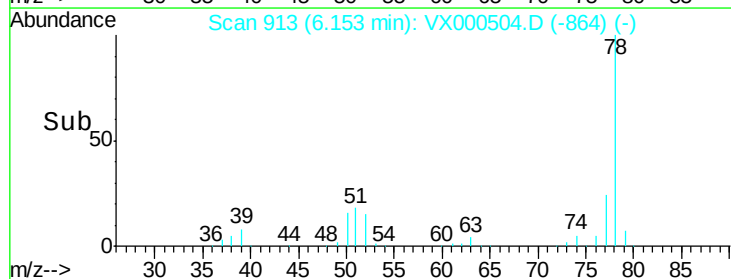
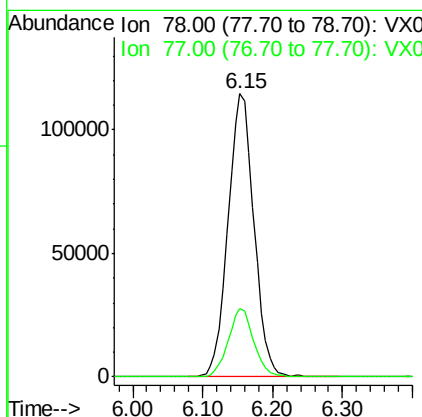
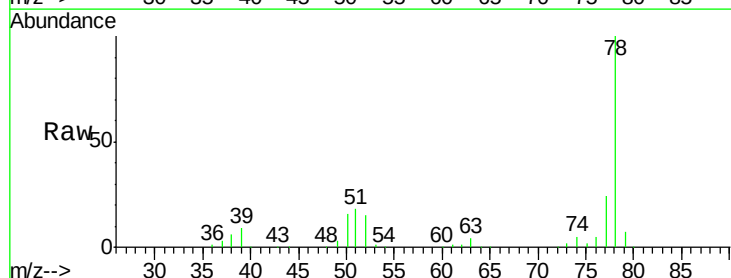
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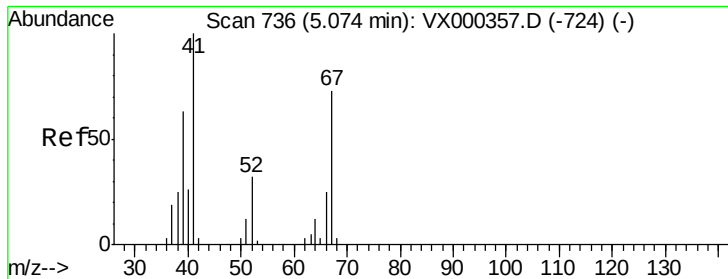
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3/29/2018 11:19:41 AM



#40
Benzene
Concen: 51.35 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000504.D
Acq: 28 Mar 2018 21:49

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.7	28.1





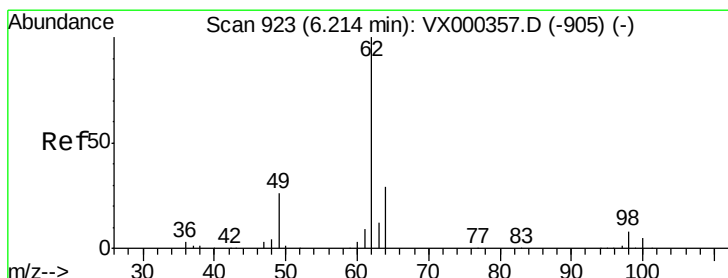
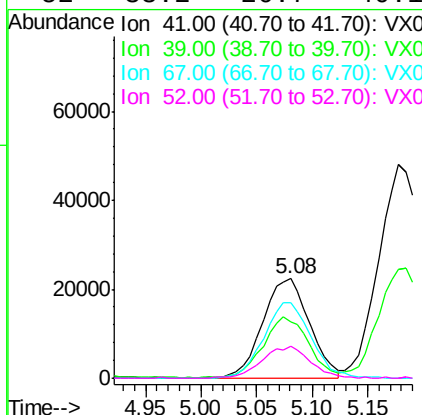
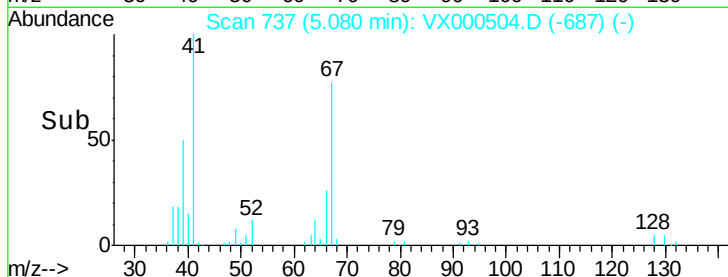
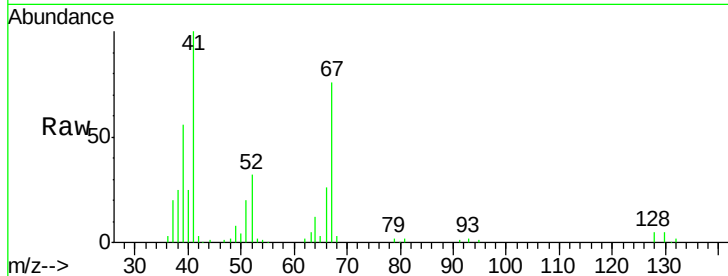
#41
Methacrylonitrile
Concen: 45.83 ug/l
RT: 5.08 min Scan# 737
Delta R.T. 0.01 min
Lab File: VX000504.D
Acq: 28 Mar 2018 21:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	59.8	45.7	68.5	
67	77.0	57.8	86.8	
52	33.2	26.7	40.1	

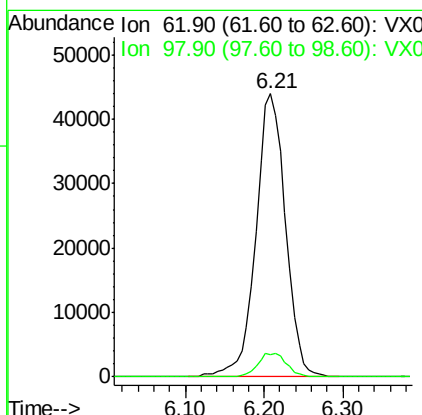
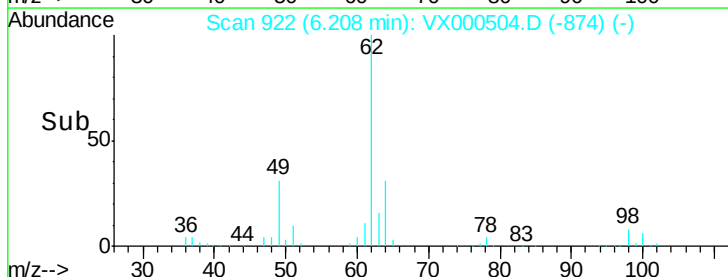
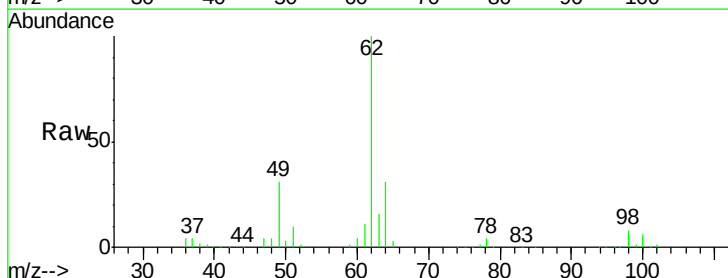
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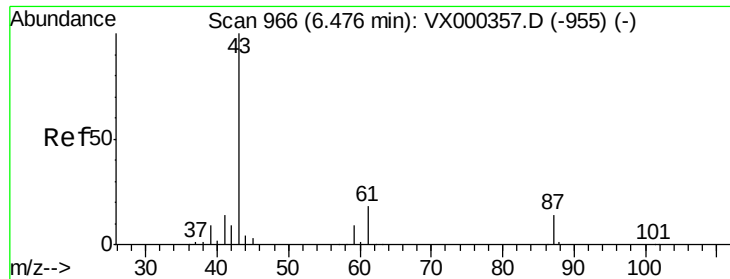
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#42
1,2-Dichloroethane
Concen: 51.01 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.01 min
Lab File: VX000504.D
Acq: 28 Mar 2018 21:49

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.2	0.0	15.8	





#43

Isopropyl Acetate

Concen: 51.53 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000504.D

Acq: 28 Mar 2018 21:49

Instrument :

MSVOA_X

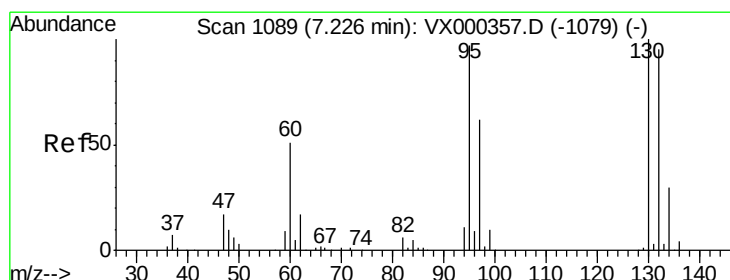
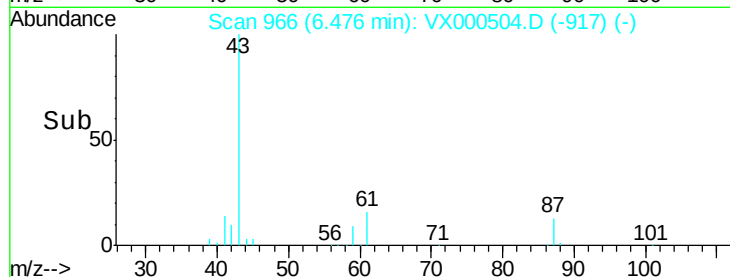
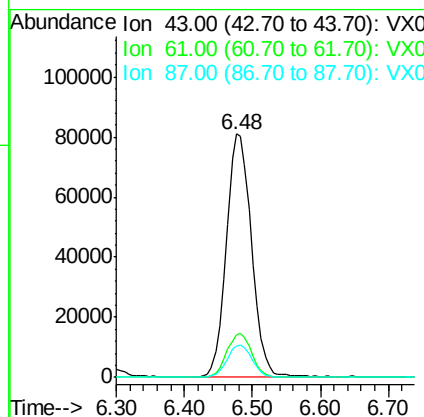
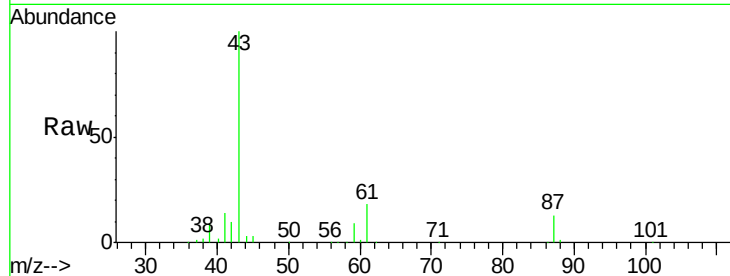
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	207261
Ion	Ratio	Lower	Upper
43	100		
61	17.9	14.4	21.6
87	13.4	11.0	16.4

Manual Integrations
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#44

Trichloroethene

Concen: 49.77 ug/l

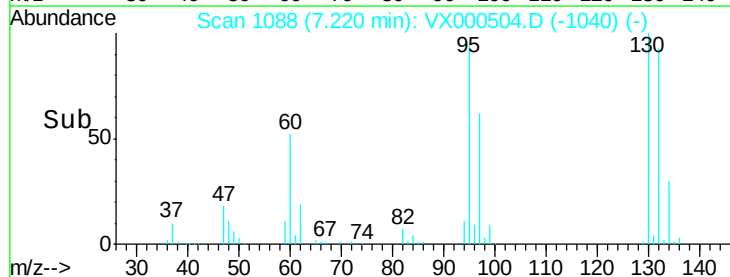
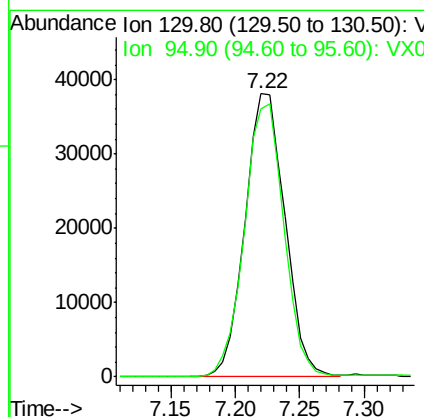
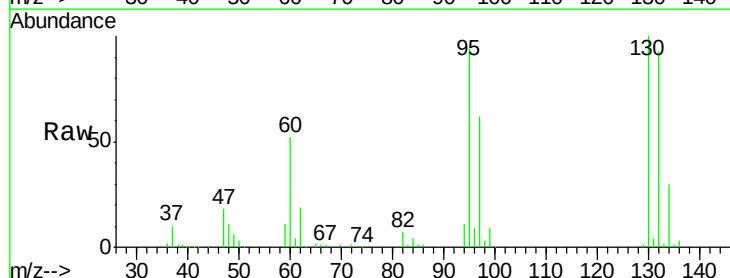
RT: 7.22 min Scan# 1088

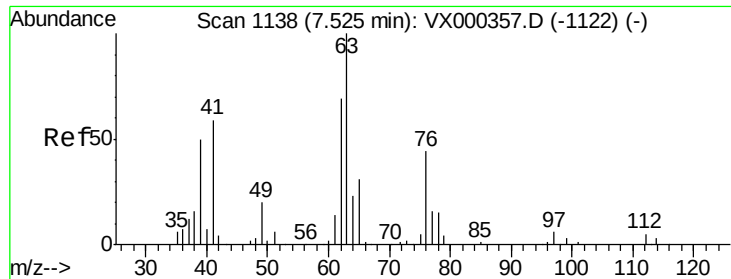
Delta R.T. -0.01 min

Lab File: VX000504.D

Acq: 28 Mar 2018 21:49

Tgt Ion:	130	Resp:	81909
Ion	Ratio	Lower	Upper
130	100		
95	94.5	0.0	186.0





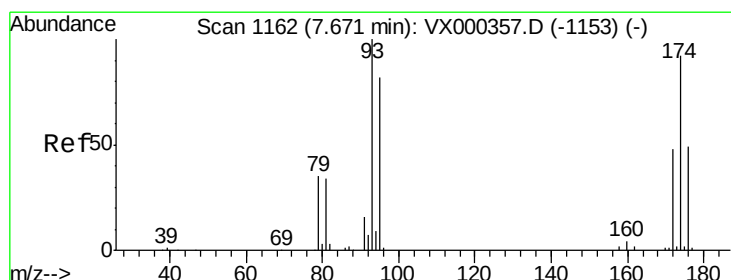
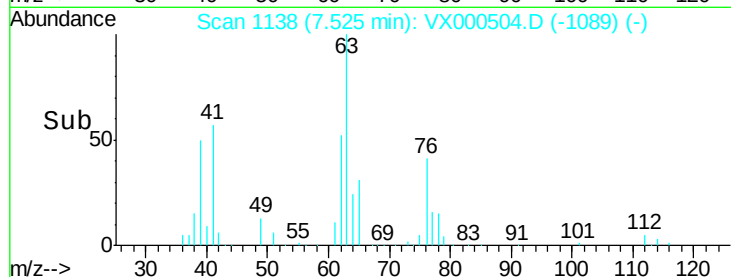
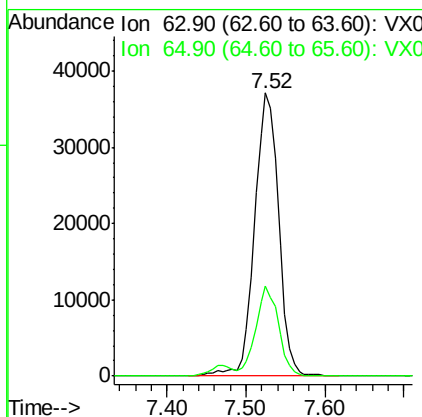
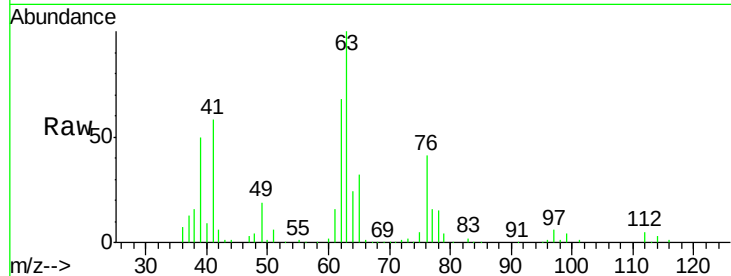
#45
 1,2-Dichloropropane
 Concen: 53.55 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000504.D
 Acq: 28 Mar 2018 21:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 78742
 Ion Ratio Lower Upper
 63 100
 65 32.0 24.6 36.8

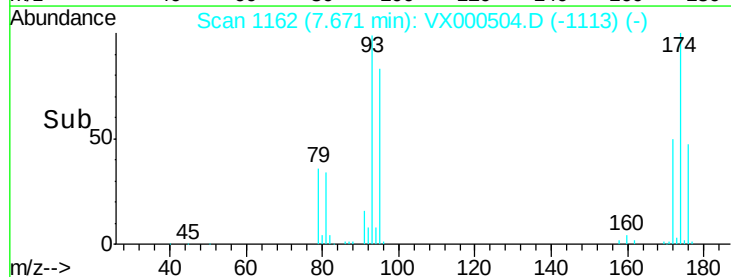
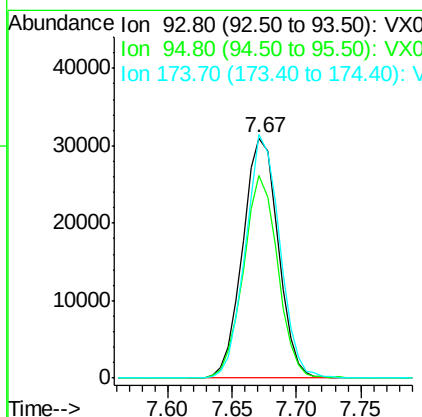
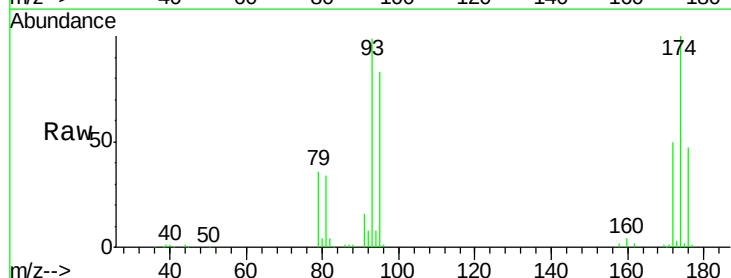
Manual Integrations
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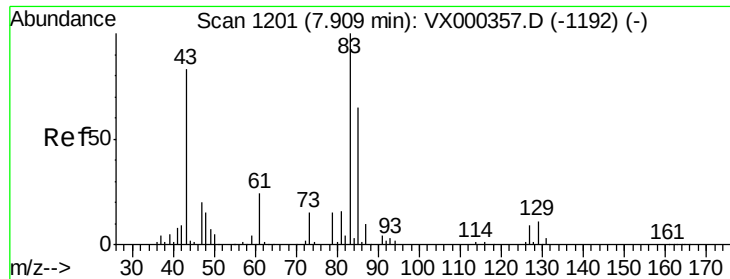
MMDadoda
 3/29/2018 11:19:41 AM



#46
 Dibromomethane
 Concen: 51.09 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000504.D
 Acq: 28 Mar 2018 21:49

Tgt Ion: 93 Resp: 58976
 Ion Ratio Lower Upper
 93 100
 95 81.6 66.5 99.7
 174 97.8 76.0 114.0





#47

Bromodichloromethane

Concen: 53.78 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000504.D

Acq: 28 Mar 2018 21:49

Instrument :

MSVOA_X

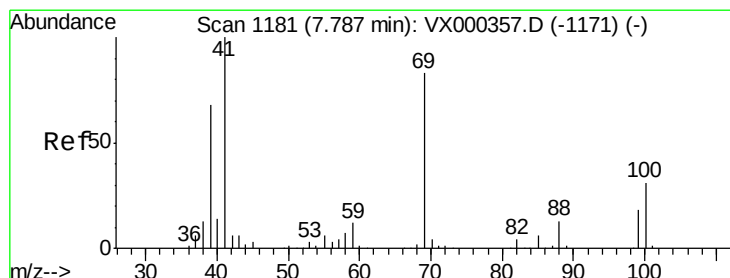
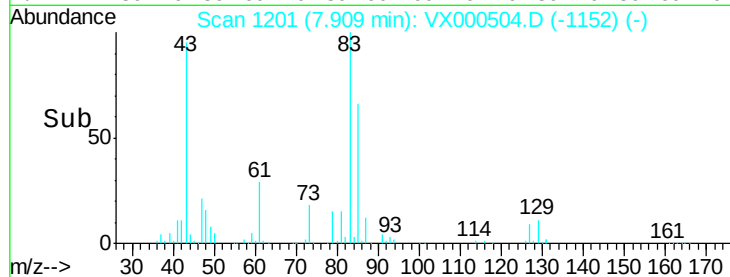
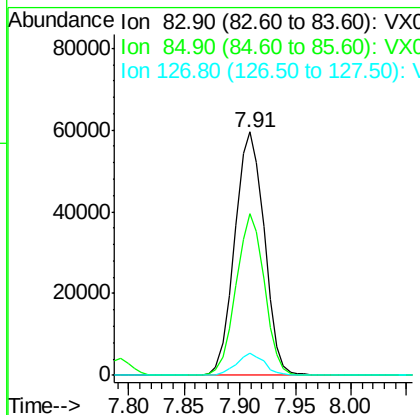
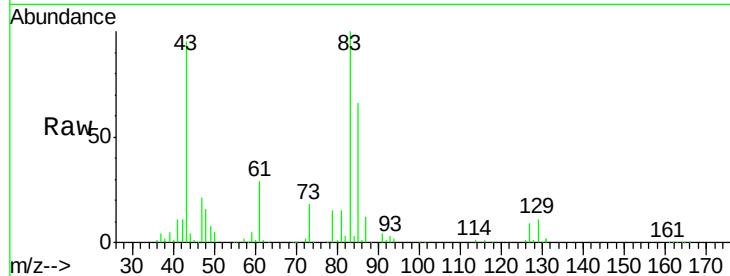
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	109229
Ion	Ratio	Lower	Upper
83	100		
85	66.4	51.4	77.0
127	8.9	7.0	10.6

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#48

Methyl methacrylate

Concen: 52.00 ug/l

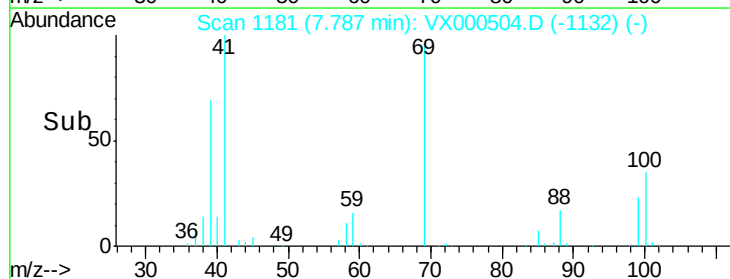
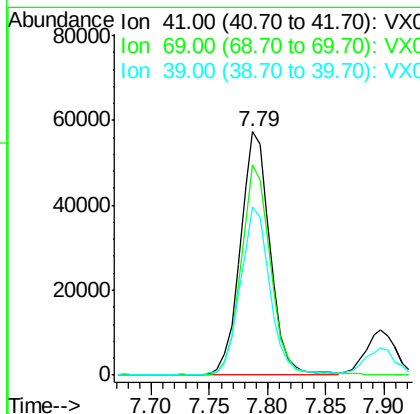
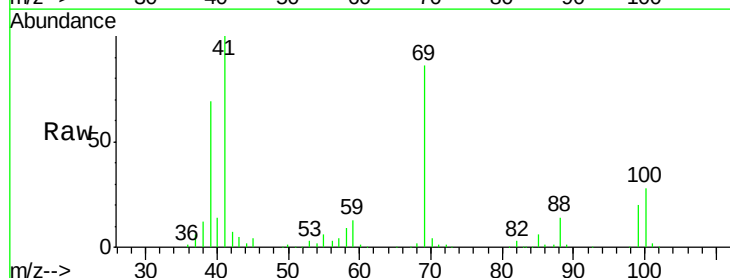
RT: 7.79 min Scan# 1181

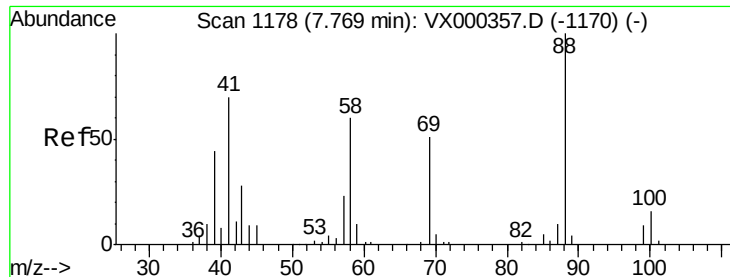
Delta R.T. -0.00 min

Lab File: VX000504.D

Acq: 28 Mar 2018 21:49

Tgt Ion:	41	Resp:	101556
Ion	Ratio	Lower	Upper
41	100		
69	86.2	68.2	102.4
39	68.3	54.6	81.8





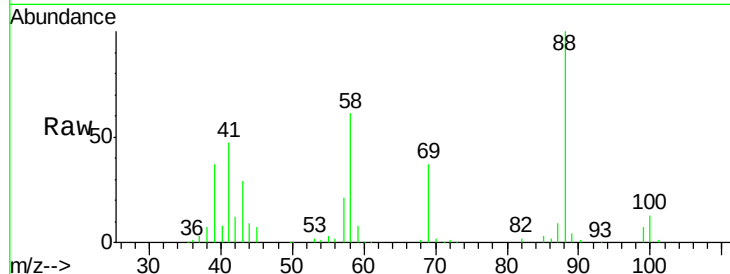
#49
1,4-Dioxane
Concen: 1079.12 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VX000504.D
Acq: 28 Mar 2018 21:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.1	26.8	40.2
58	64.1	52.2	78.2

Manual Integrations
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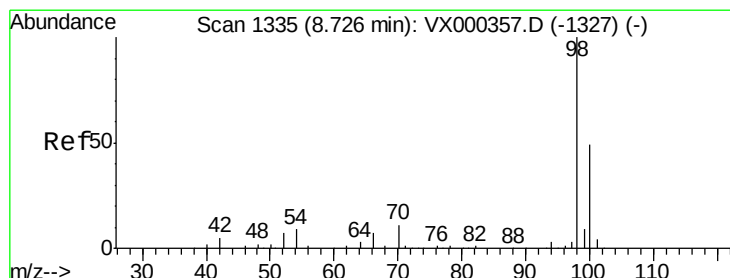
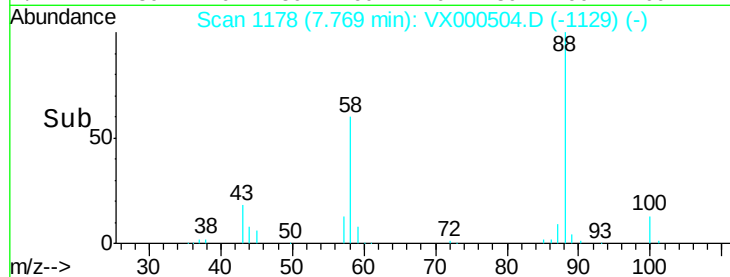
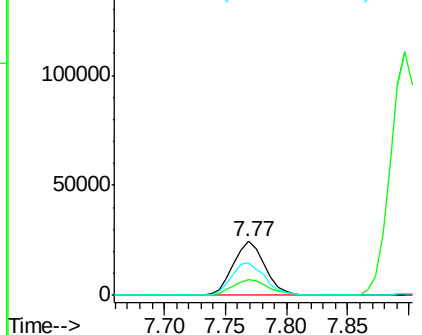


Abundance

Ion 88.00 (87.70 to 88.70): VX0

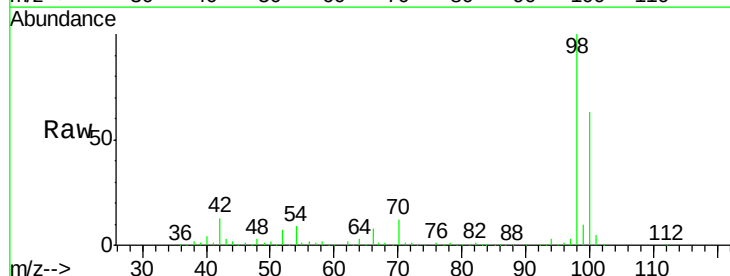
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 48.50 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000504.D
Acq: 28 Mar 2018 21:49

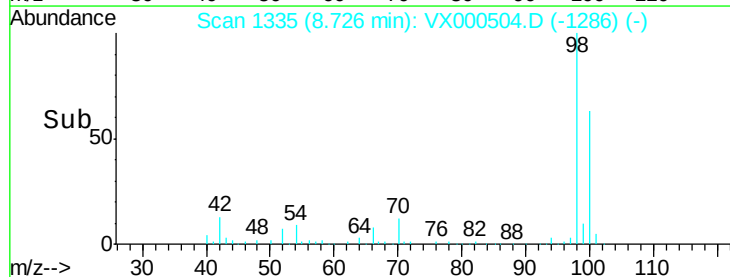
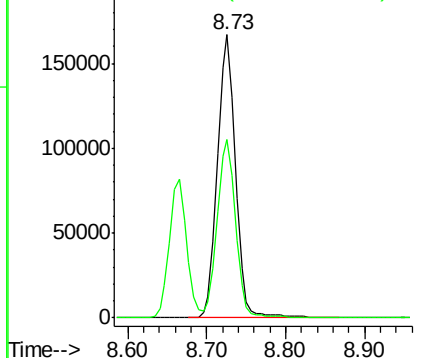
Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.2	76.8

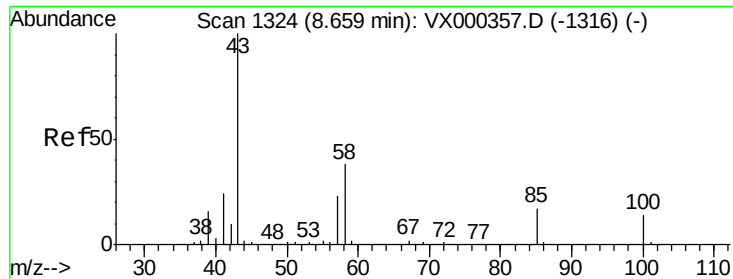


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 268.89 ug/l

RT: 8.66 min Scan# 1325

Delta R.T. 0.01 min

Lab File: VX000504.D

Acq: 28 Mar 2018 21:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 837225

Ion Ratio Lower Upper

43 100

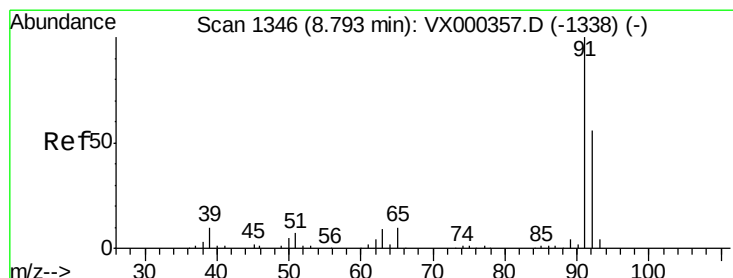
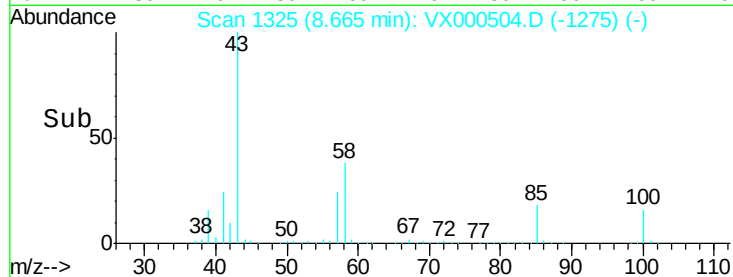
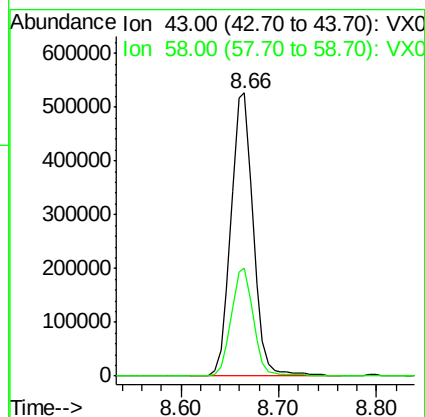
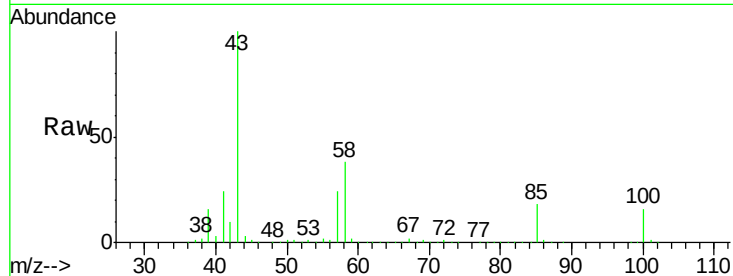
58 37.5 30.3 45.5

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3/29/2018 11:19:41 AM



#52

Toluene

Concen: 53.33 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000504.D

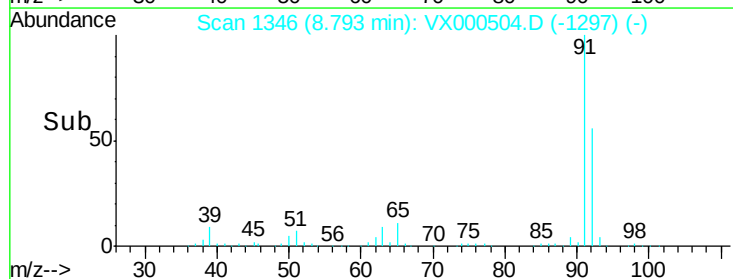
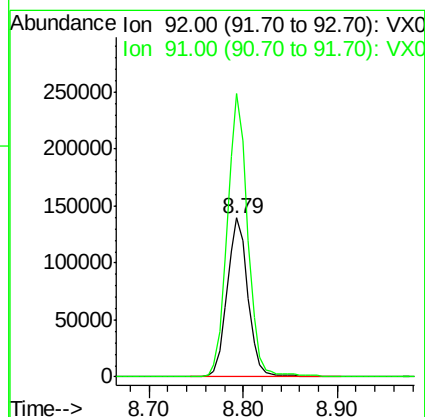
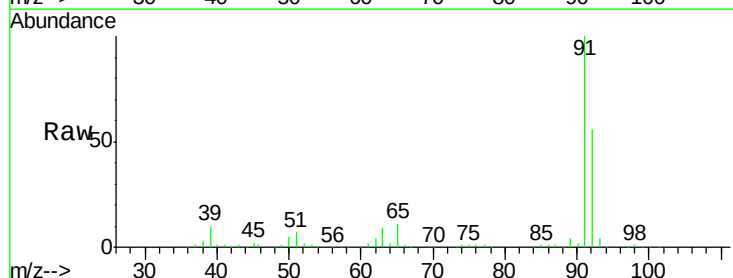
Acq: 28 Mar 2018 21:49

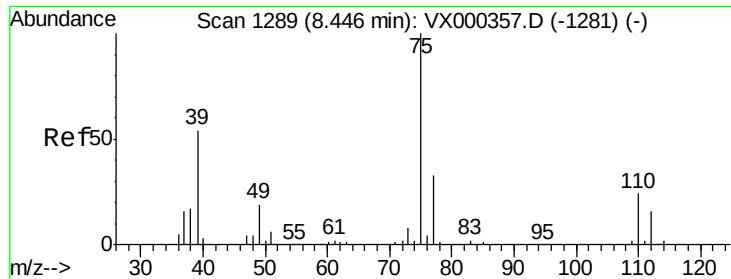
Tgt Ion: 92 Resp: 214182

Ion Ratio Lower Upper

92 100

91 175.5 140.2 210.2





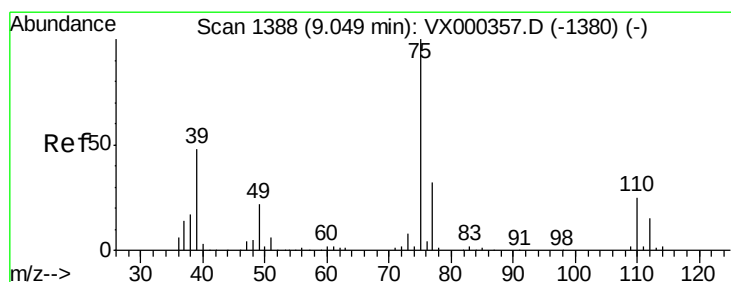
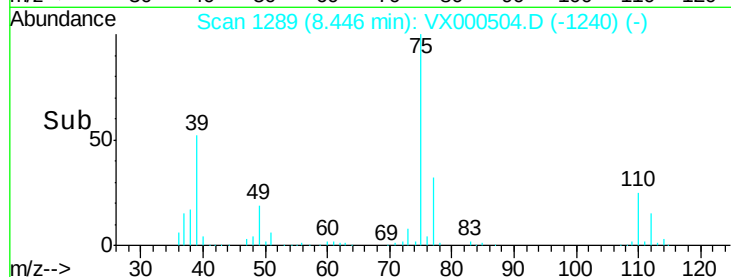
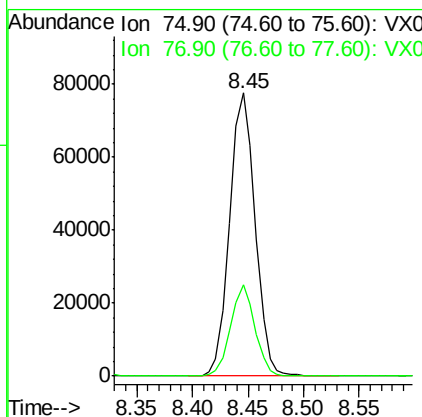
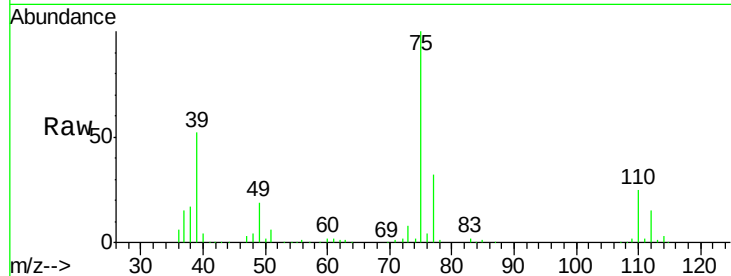
#53
t-1,3-Dichloropropene
Concen: 52.36 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VX000504.D
Acq: 28 Mar 2018 21:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.2	24.0	36.0

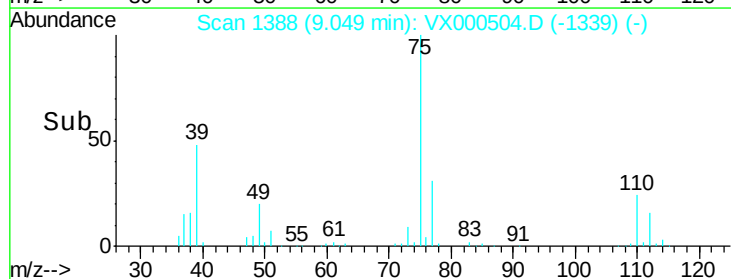
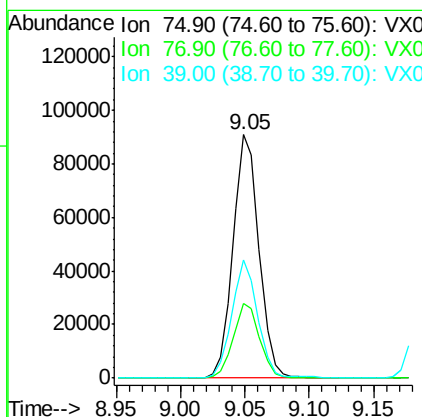
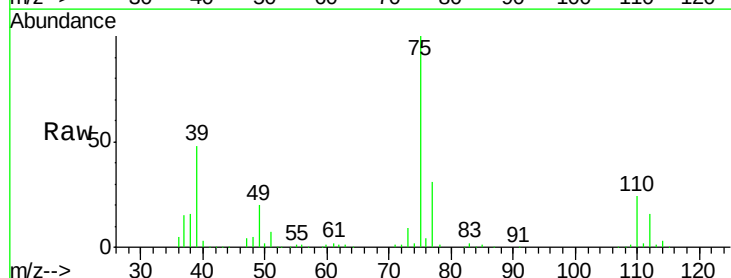
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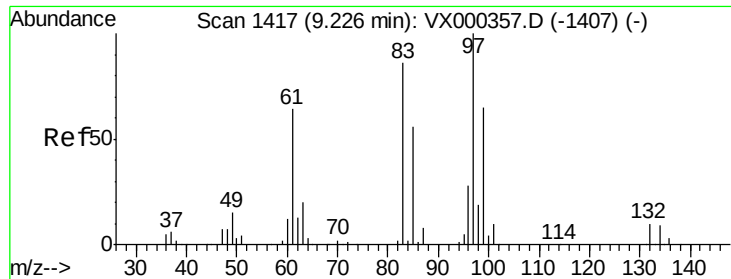
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3/29/2018 11:19:41 AM



#54
cis-1,3-Dichloropropene
Concen: 55.97 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX000504.D
Acq: 28 Mar 2018 21:49

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.5	26.1	39.1
39	48.2	39.8	59.6





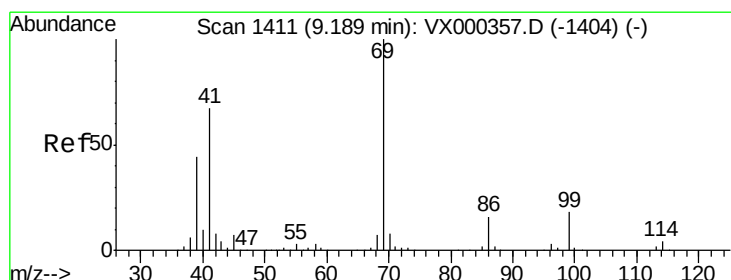
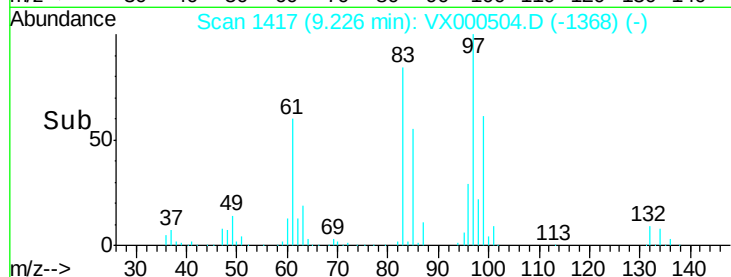
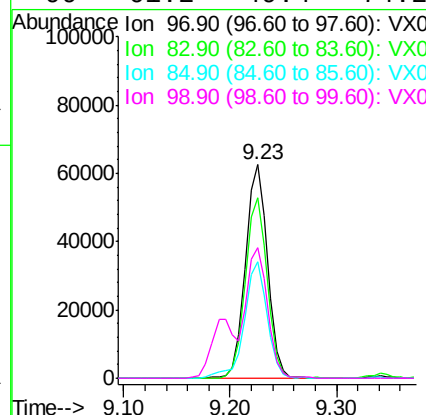
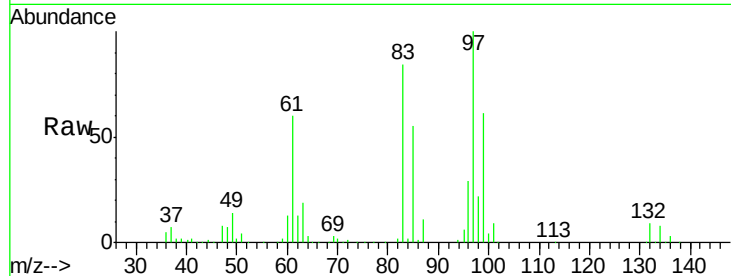
#55
 1,1,2-Trichloroethane
 Concen: 55.23 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000504.D
 Acq: 28 Mar 2018 21:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	97	Resp	91228
Ion	Ratio	Lower	Upper
97	100		
83	84.5	67.9	101.9
85	54.8	42.8	64.2
99	61.2	49.4	74.2

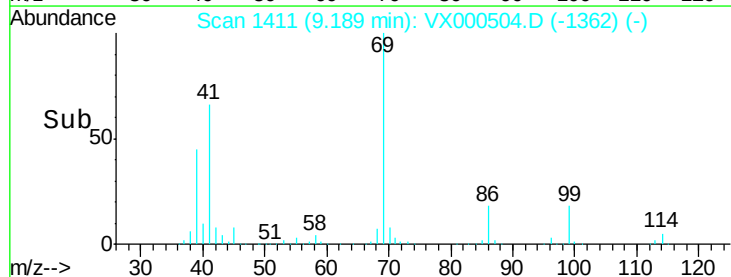
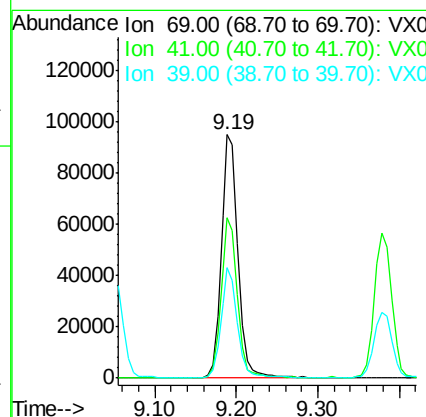
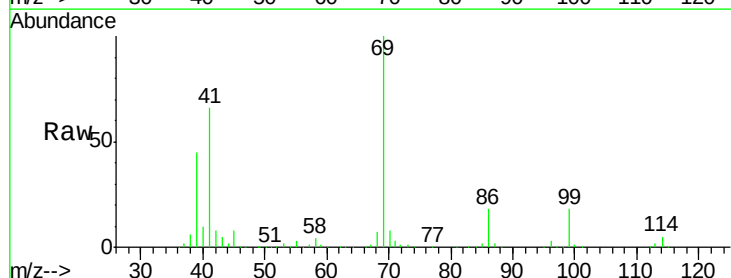
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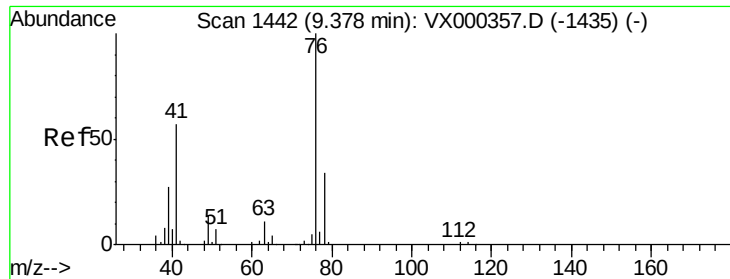
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#56
 Ethyl methacrylate
 Concen: 54.68 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000504.D
 Acq: 28 Mar 2018 21:49

Tgt Ion	69	Resp	136860
Ion	Ratio	Lower	Upper
69	100		
41	64.9	53.0	79.6
39	44.0	35.3	52.9





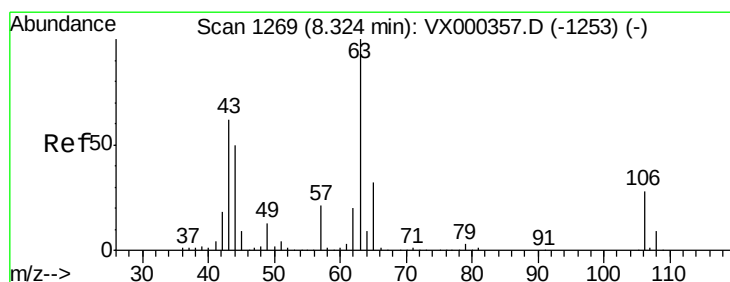
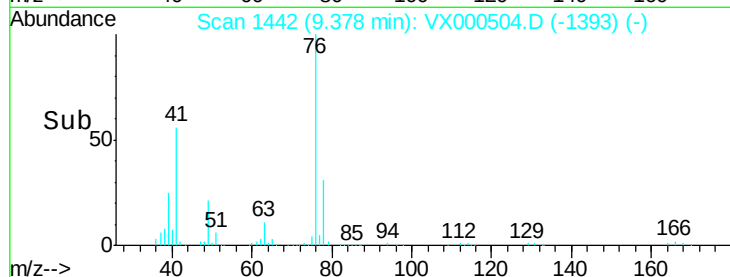
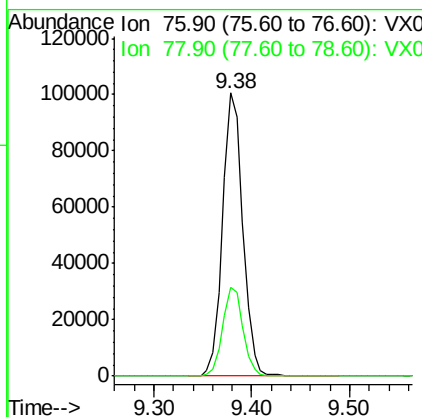
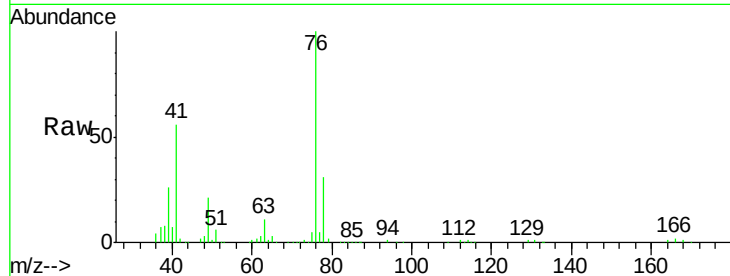
#57
 1,3-Dichloropropane
 Concen: 54.70 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000504.D
 Acq: 28 Mar 2018 21:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 144512
 Ion Ratio Lower Upper
 76 100
 78 31.6 26.4 39.6

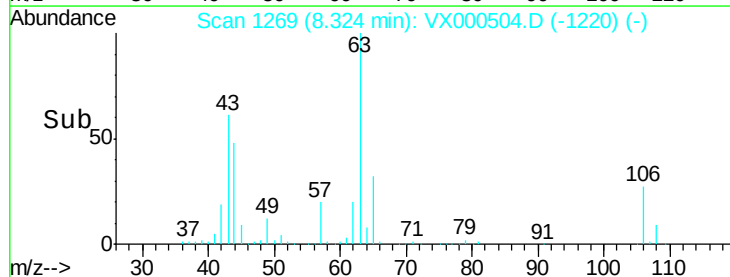
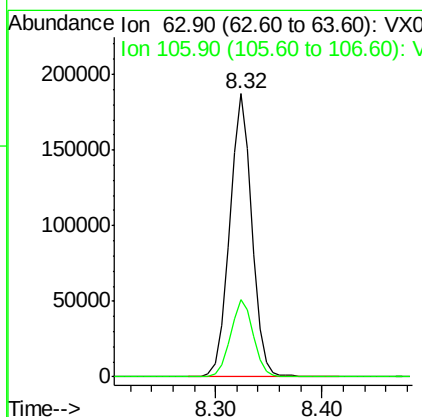
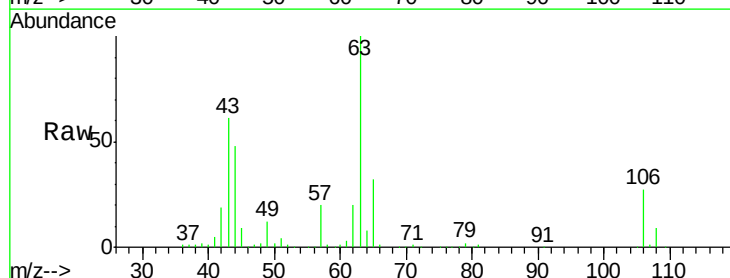
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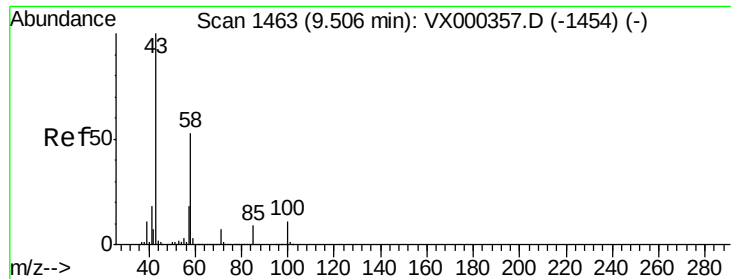
MMDadoda
 3/29/2018 11:19:41 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 227.52 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000504.D
 Acq: 28 Mar 2018 21:49

Tgt Ion: 63 Resp: 273294
 Ion Ratio Lower Upper
 63 100
 106 28.0 23.2 34.8





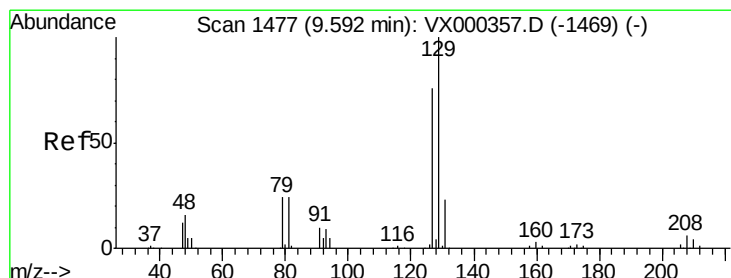
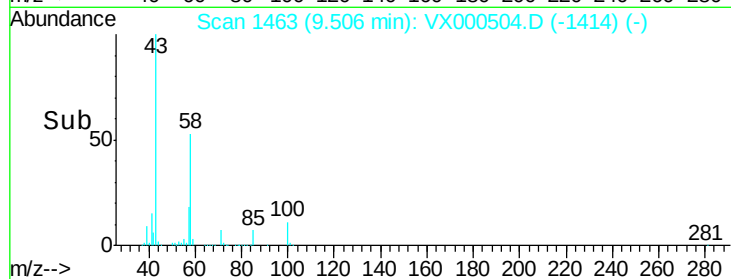
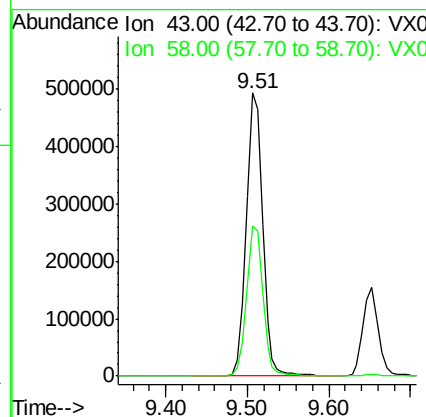
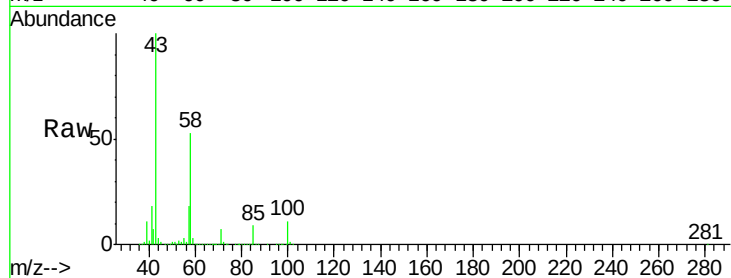
#59
2-Hexanone
Concen: 258.26 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000504.D
Acq: 28 Mar 2018 21:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 682780
Ion Ratio Lower Upper
43 100
58 53.2 26.6 79.7

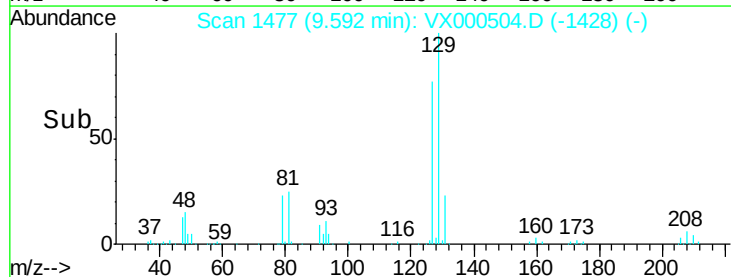
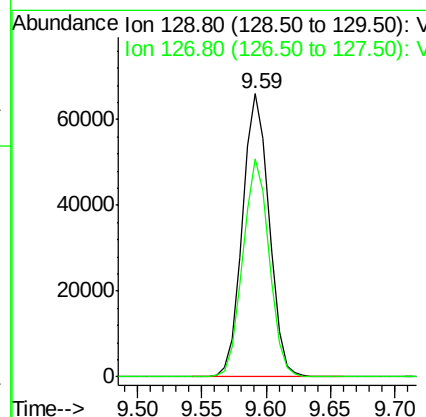
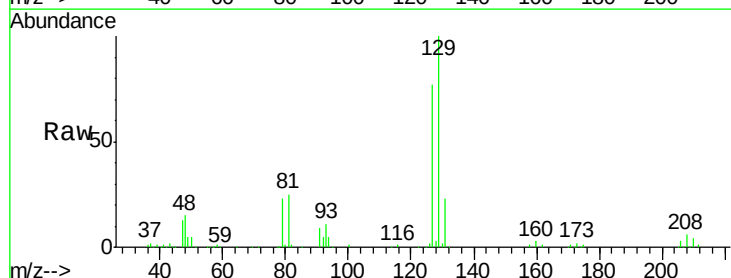
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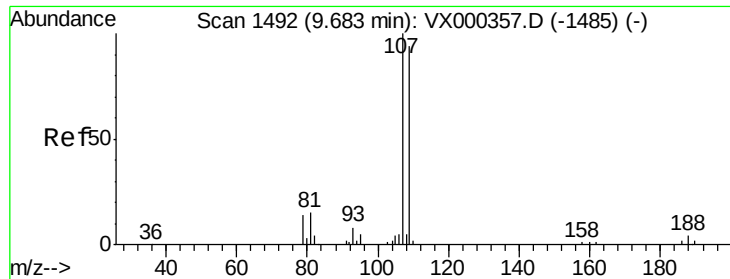
MMDadoda
3/29/2018 11:19:41 AM



#60
Dibromochloromethane
Concen: 48.54 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000504.D
Acq: 28 Mar 2018 21:49

Tgt Ion: 129 Resp: 94617
Ion Ratio Lower Upper
129 100
127 76.0 37.9 113.6





#61

1,2-Dibromoethane

Concen: 54.90 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000504.D

Acq: 28 Mar 2018 21:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 97239

Ion Ratio Lower Upper

107 100

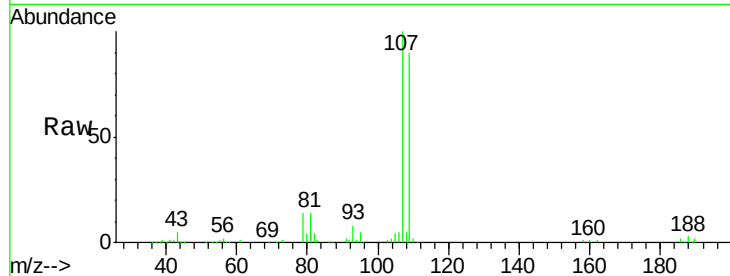
109 92.5 76.1 114.1

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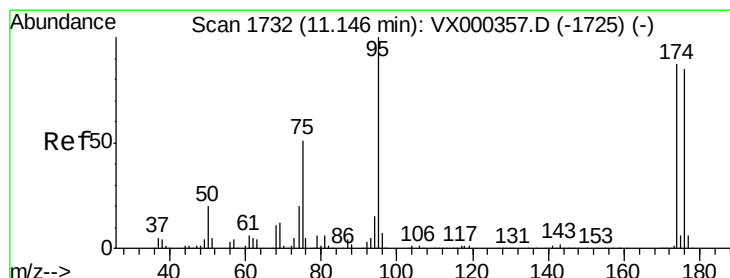
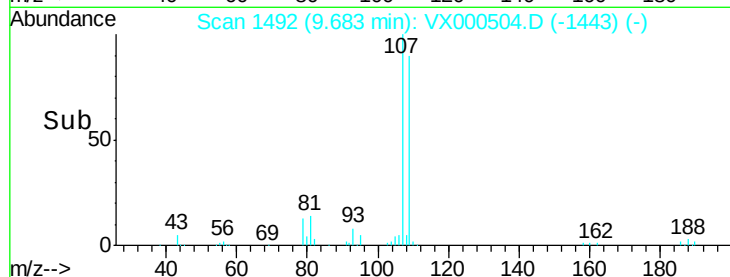
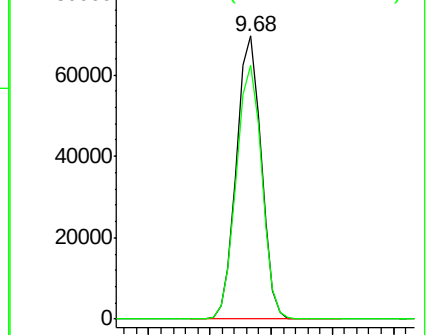
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.01 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000504.D

Acq: 28 Mar 2018 21:49

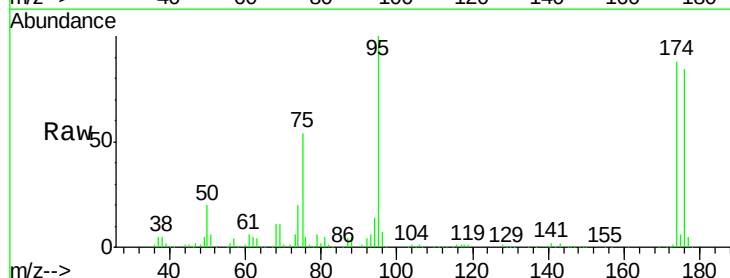
Tgt Ion: 95 Resp: 103191

Ion Ratio Lower Upper

95 100

174 89.3 0.0 173.6

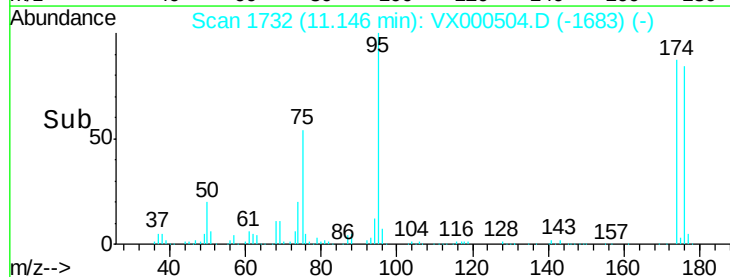
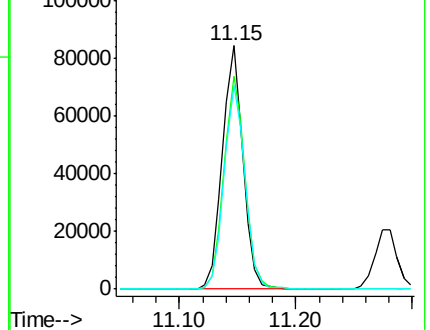
176 85.2 0.0 164.6

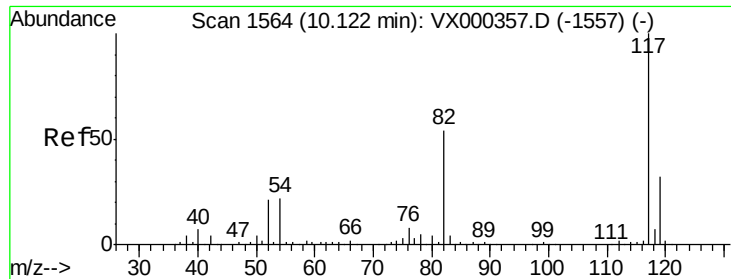


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000504.D

Acq: 28 Mar 2018 21:49

Instrument :

MSVOA_X

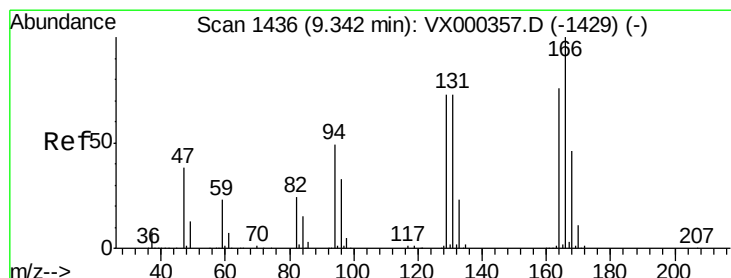
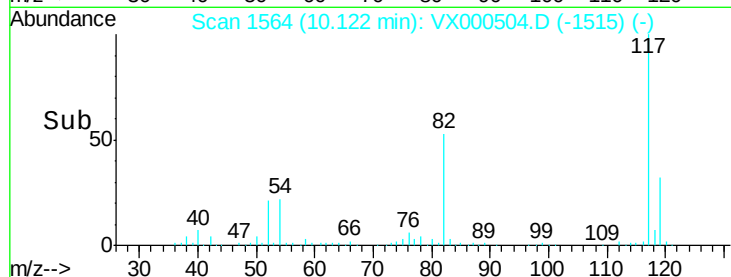
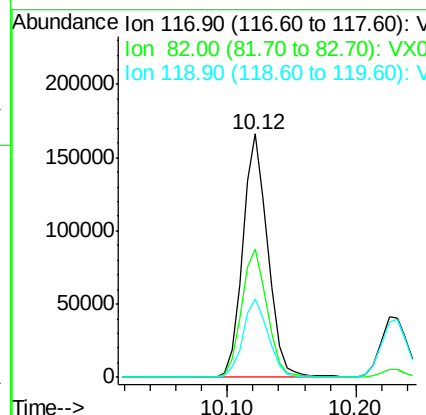
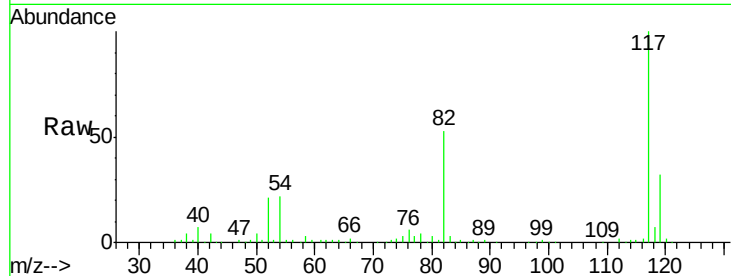
ClientSampleId :

VSTDCCC050EC

Tot Ion:	117	Resp:	222686
Ion Ratio	Lower	Upper	
117	100		
82	52.8	43.8	65.8
119	32.3	24.9	37.3

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#64

Tetrachloroethene

Concen: 47.27 ug/l

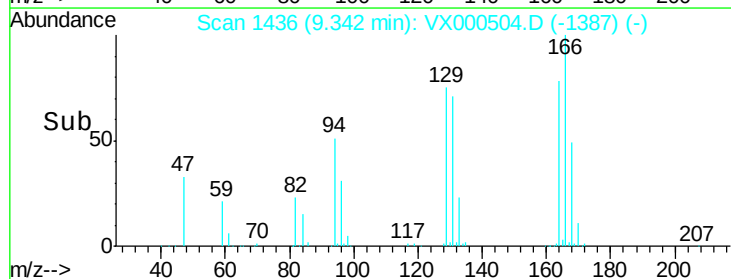
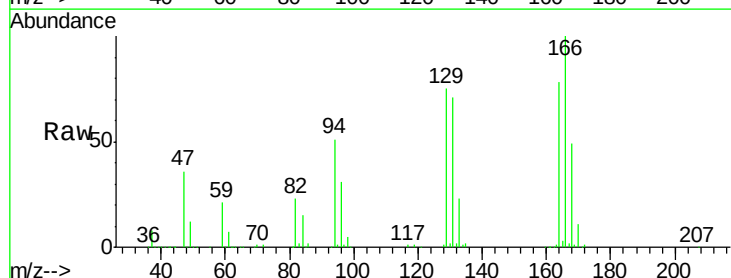
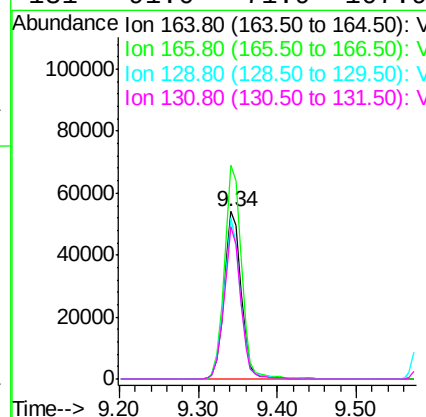
RT: 9.34 min Scan# 1436

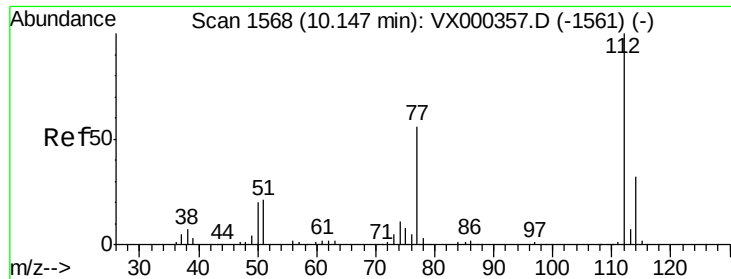
Delta R.T. -0.00 min

Lab File: VX000504.D

Acq: 28 Mar 2018 21:49

Tgt Ion:	164	Resp:	81687
Ion Ratio	Lower	Upper	
164	100		
166	127.6	101.0	151.6
129	96.3	79.0	118.4
131	91.0	71.9	107.9





#65

Chlorobenzene

Concen: 48.78 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX000504.D

Acq: 28 Mar 2018 21:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 241721

Ion Ratio Lower Upper

112 100

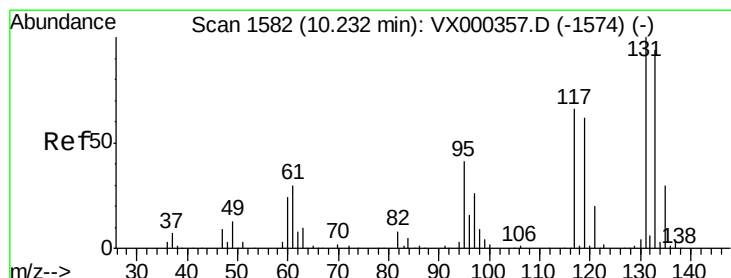
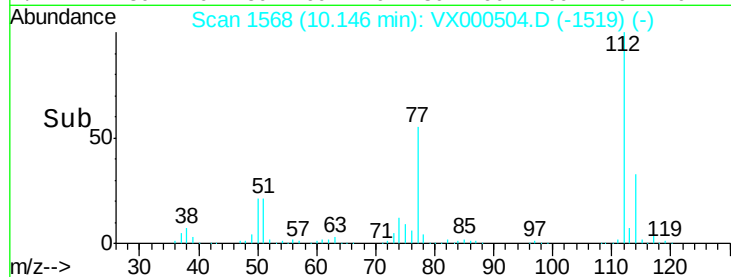
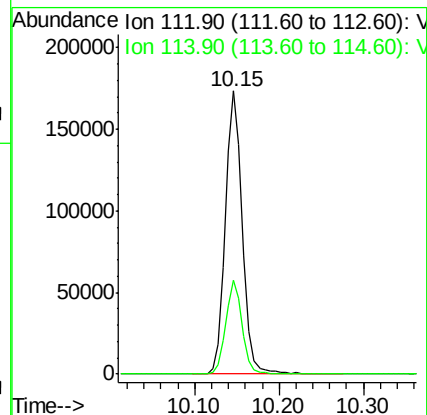
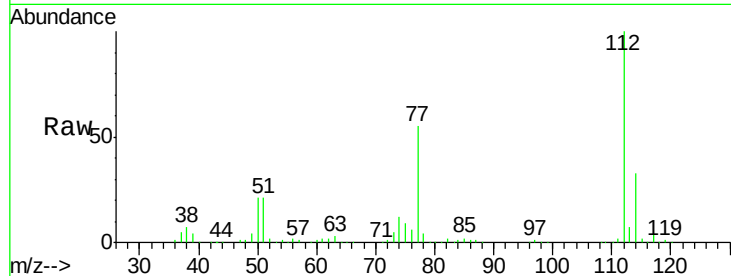
114 33.1 25.7 38.5

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 51.88 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VX000504.D

Acq: 28 Mar 2018 21:49

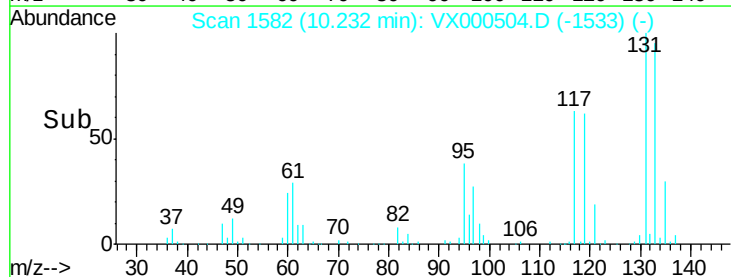
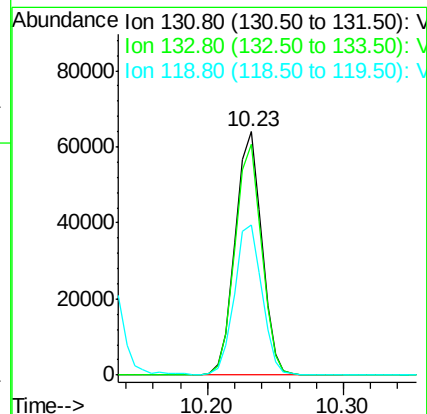
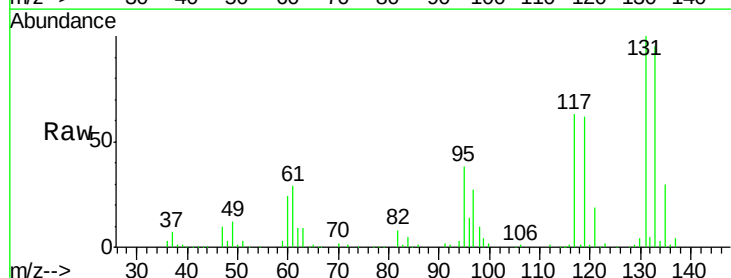
Tgt Ion:131 Resp: 87314

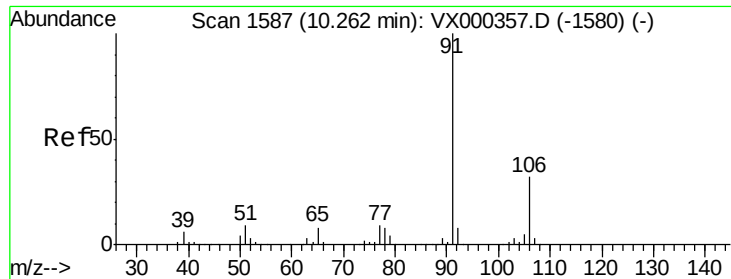
Ion Ratio Lower Upper

131 100

133 94.9 47.1 141.3

119 64.0 33.1 99.2





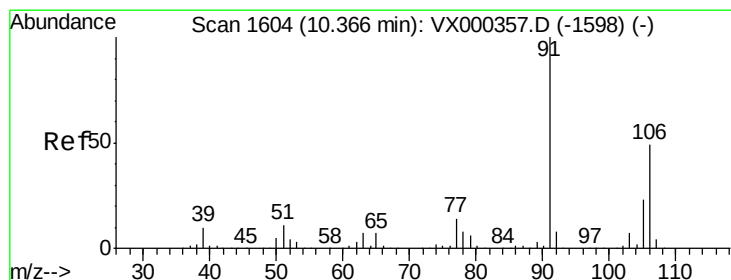
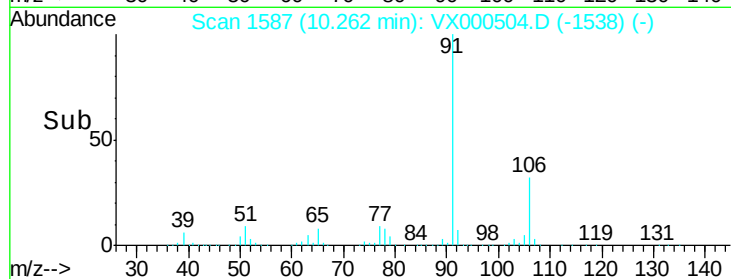
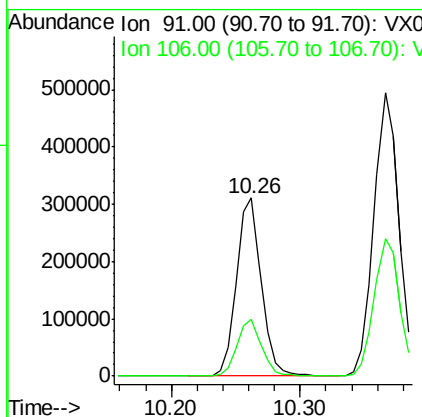
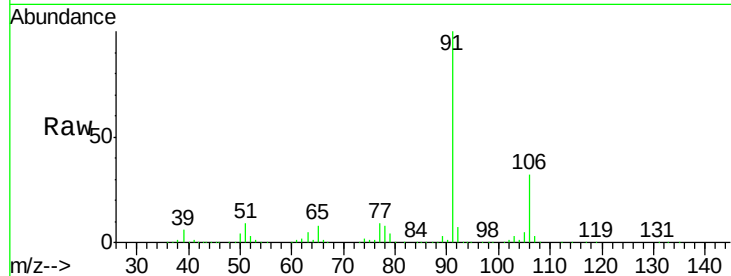
#67
Ethyl Benzene
Concen: 49.73 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000504.D
Acq: 28 Mar 2018 21:49

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion: 91 Resp: 417770
Ion Ratio Lower Upper
91 100
106 32.3 25.0 37.6

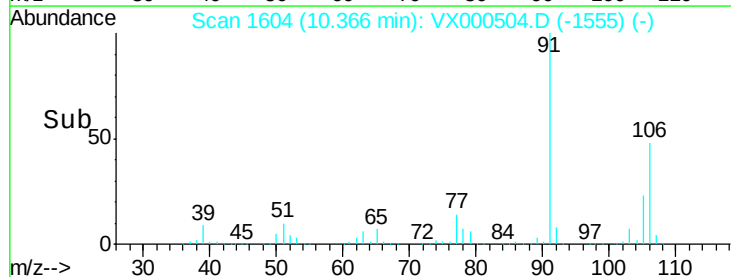
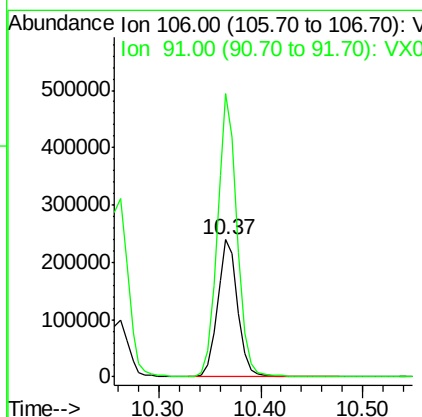
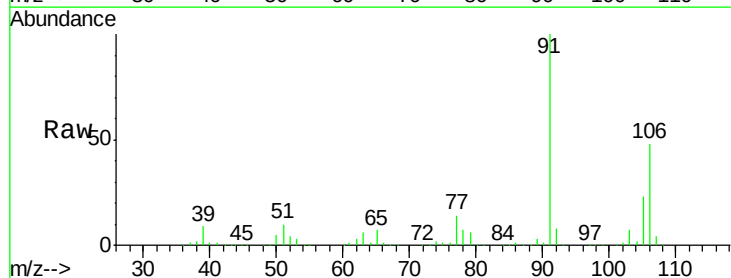
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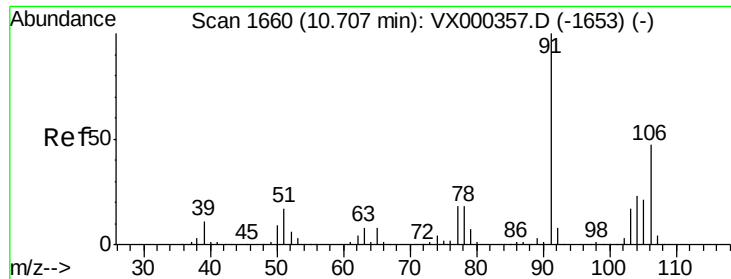
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3/29/2018 11:19:41 AM



#68
m/p-Xylenes
Concen: 99.95 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000504.D
Acq: 28 Mar 2018 21:49

Tgt Ion: 106 Resp: 330409
Ion Ratio Lower Upper
106 100
91 202.2 163.4 245.2





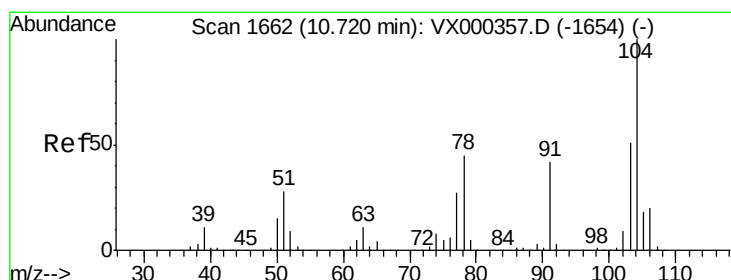
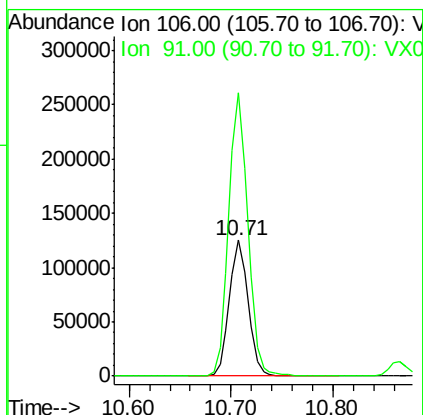
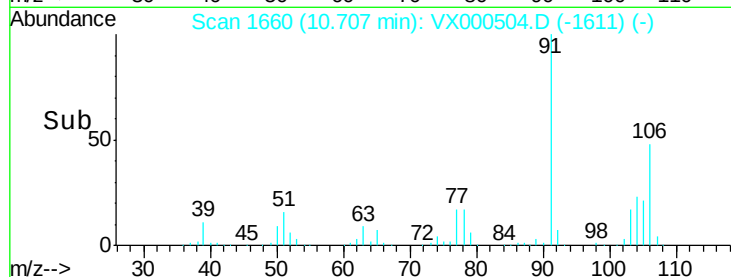
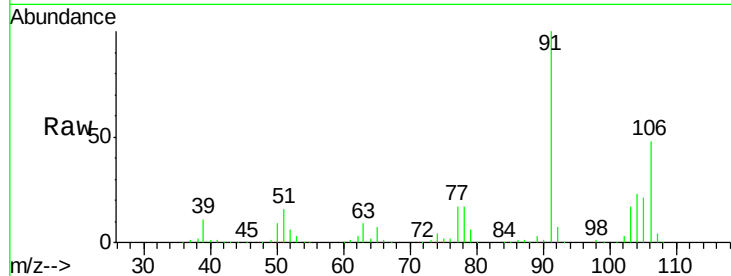
#69
o-Xylene
Concen: 50.17 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000504.D
Acq: 28 Mar 2018 21:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 160589
Ion Ratio Lower Upper
106 100
91 210.9 106.5 319.6

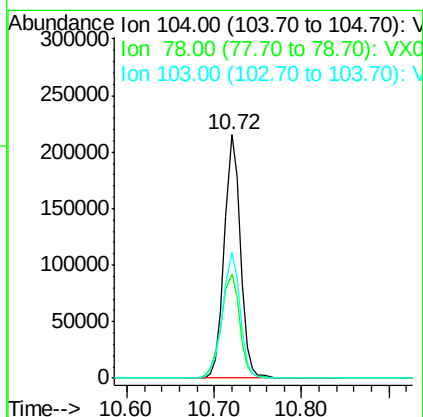
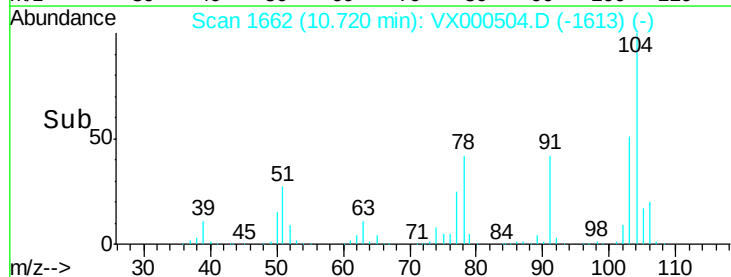
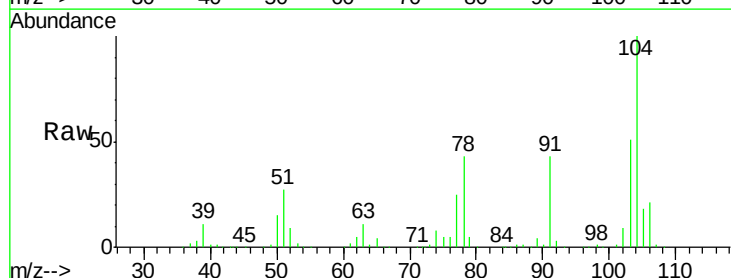
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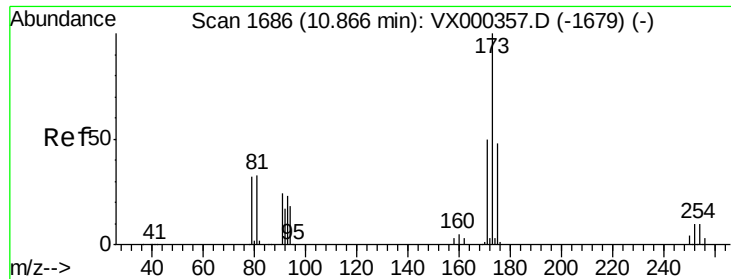
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#70
Styrene
Concen: 51.60 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000504.D
Acq: 28 Mar 2018 21:49

Tgt Ion:104 Resp: 273279
Ion Ratio Lower Upper
104 100
78 49.4 40.5 60.7
103 56.1 45.7 68.5





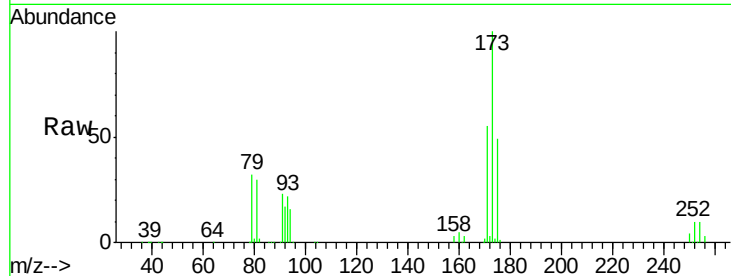
#71
Bromoform
Concen: 42.43 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX000504.D
Acq: 28 Mar 2018 21:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

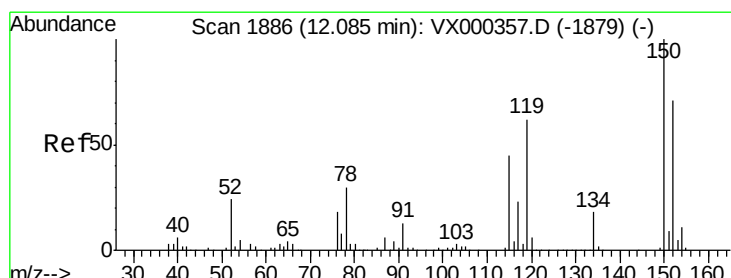
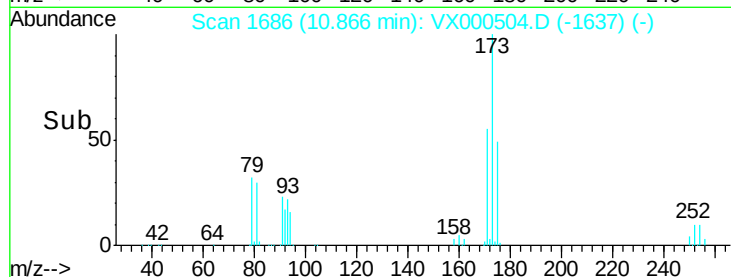
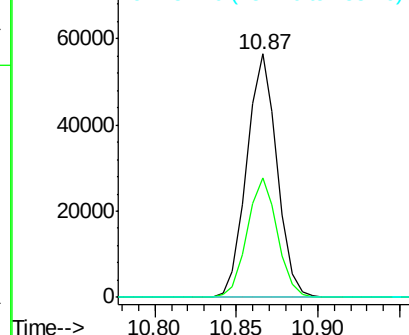
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	25.4	76.4
254	0.0	0.0	0.0

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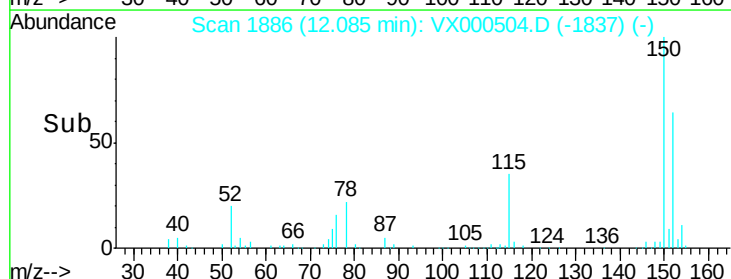
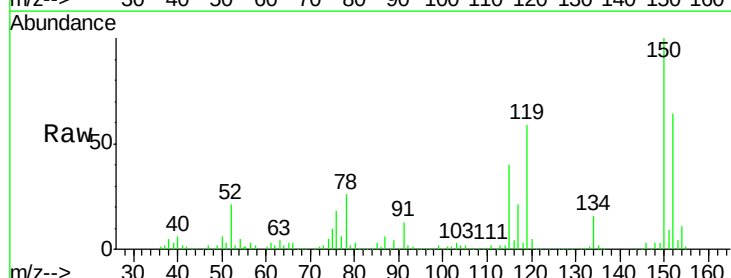
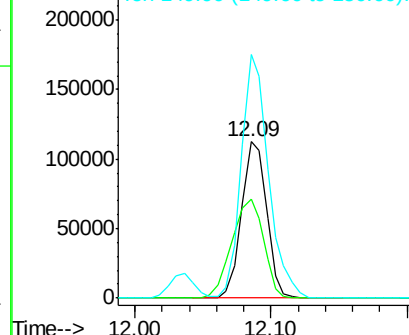
Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

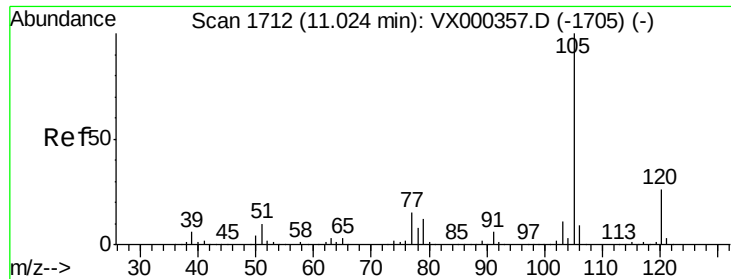


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000504.D
Acq: 28 Mar 2018 21:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	80.0	39.8	119.3
150	169.4	0.0	344.4

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: 46.06 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000504.D

Acq: 28 Mar 2018 21:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 438947

Ion Ratio Lower Upper

105 100

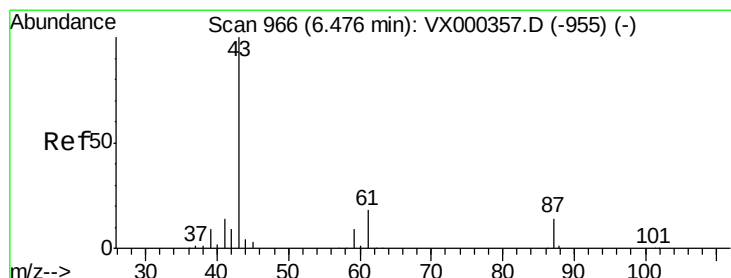
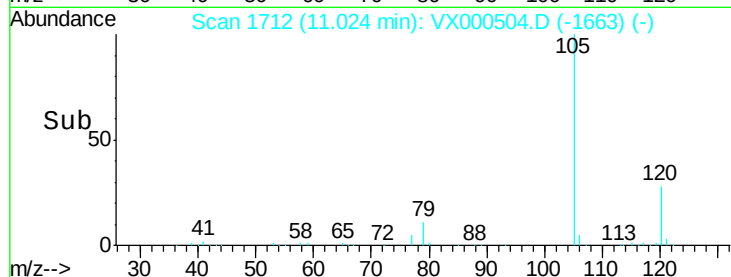
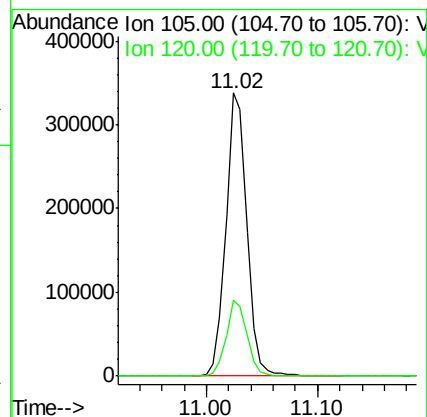
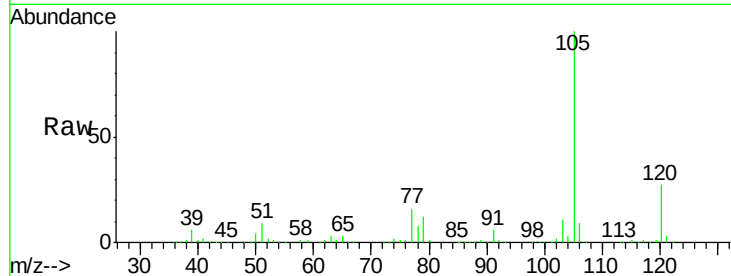
120 26.4 13.6 40.7

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#74

N-ethyl acetate

Concen: 49.89 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000504.D

Acq: 28 Mar 2018 21:49

Tgt Ion: 43 Resp: 207261

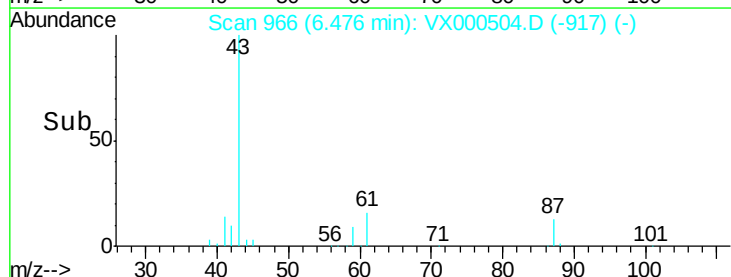
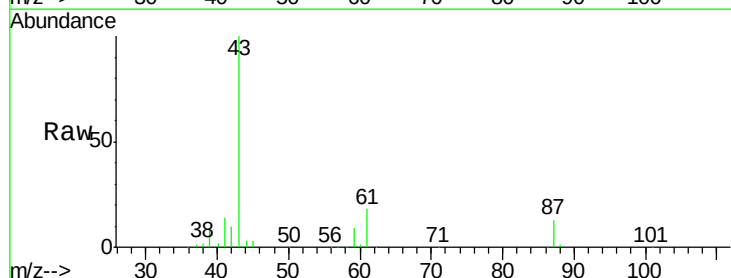
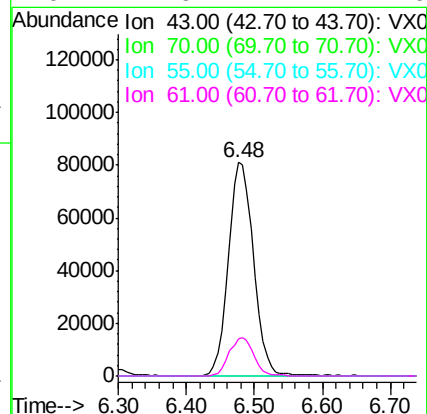
Ion Ratio Lower Upper

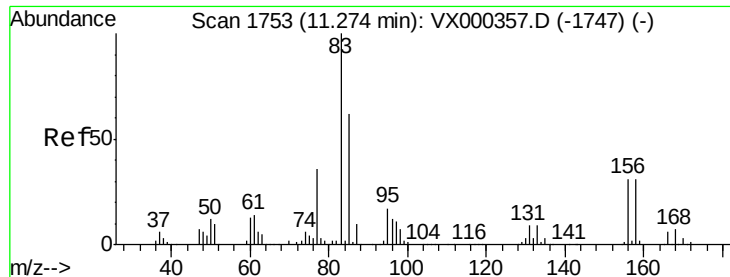
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 17.9 14.4 21.6





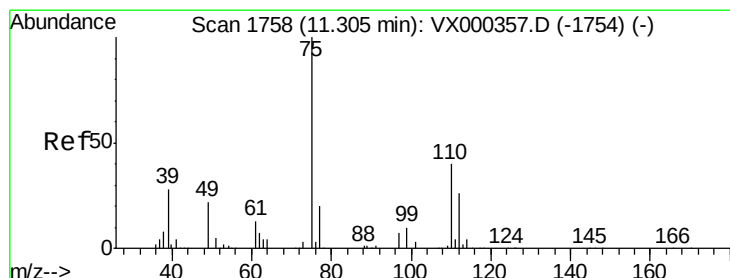
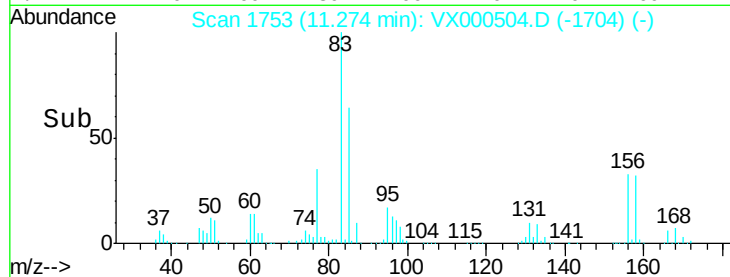
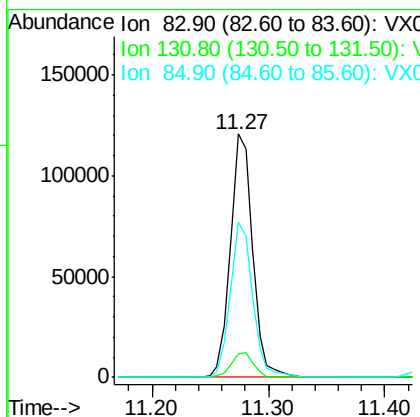
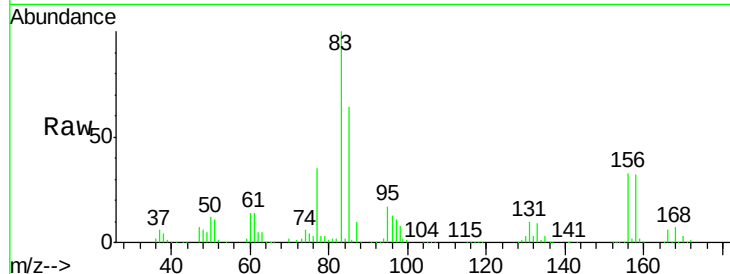
#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.90 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: VX000504.D
 Acq: 28 Mar 2018 21:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	10.1	5.0	14.9	
85	64.1	32.5	97.5	

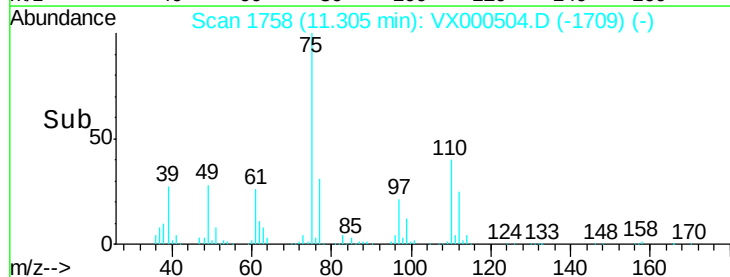
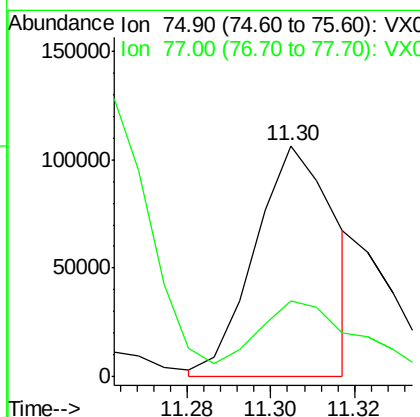
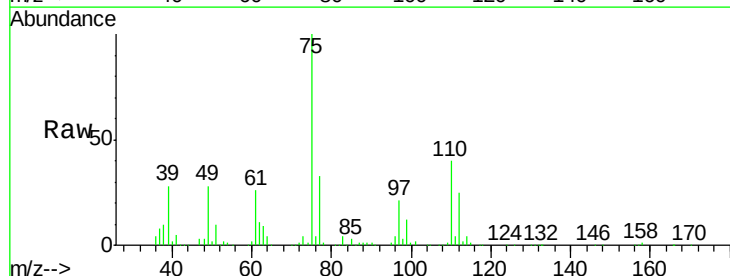
Manual Integrations
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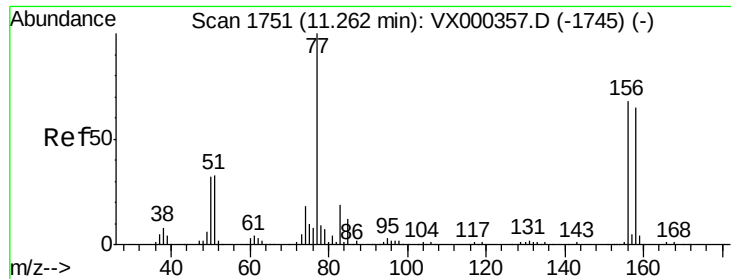
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#76
 1,2,3-Trichloropropane
 Concen: 45.52 ug/l m
 RT: 11.30 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VX000504.D
 Acq: 28 Mar 2018 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
77	42.3	21.4	64.2	





#77

Bromobenzene

Concen: 42.79 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000504.D

Acq: 28 Mar 2018 21:49

Instrument :

MSVOA_X

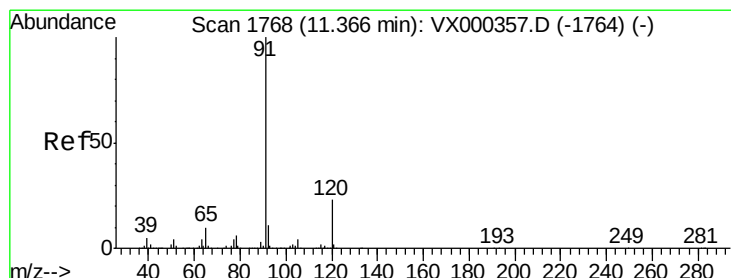
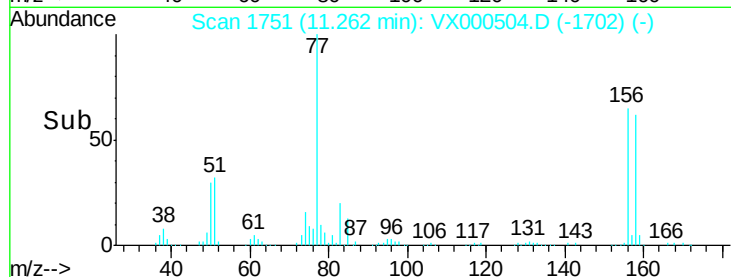
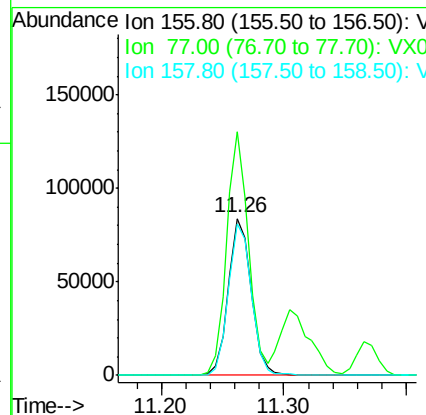
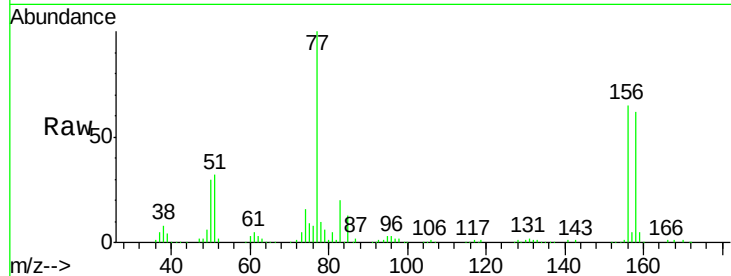
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	108644
Ion Ratio	Lower	Upper	
156	100		
77	148.1	73.4	220.2
158	96.9	48.5	145.6

Manual Integrations
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3/29/2018 11:19:41 AM



#78

n-propylbenzene

Concen: 45.59 ug/l

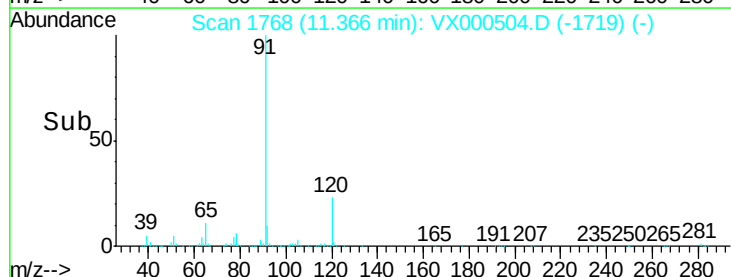
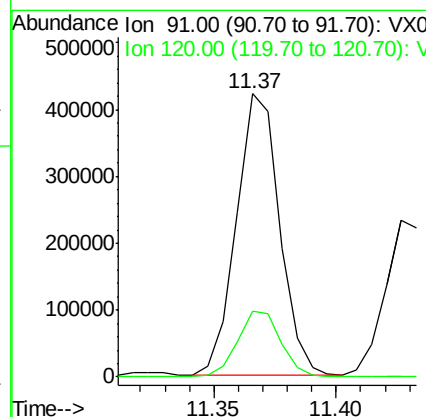
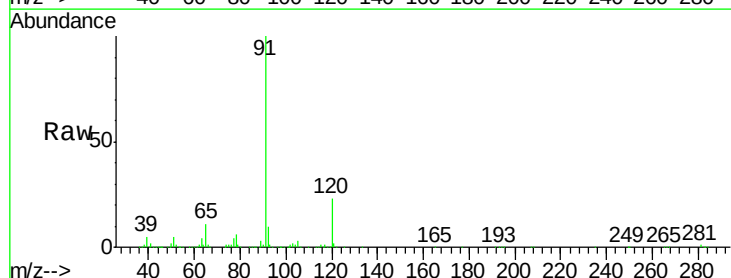
RT: 11.37 min Scan# 1768

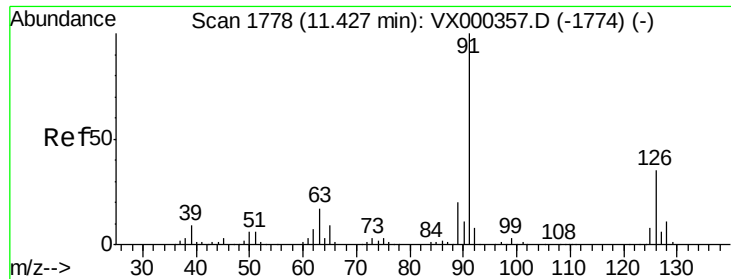
Delta R.T. -0.00 min

Lab File: VX000504.D

Acq: 28 Mar 2018 21:49

Tgt Ion:	91	Resp:	518024
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.8	35.3





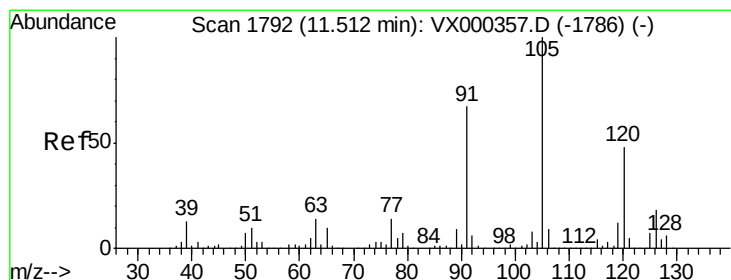
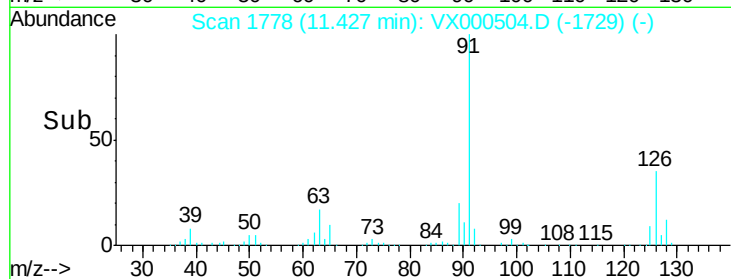
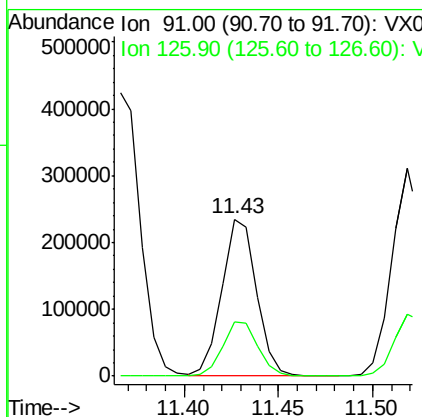
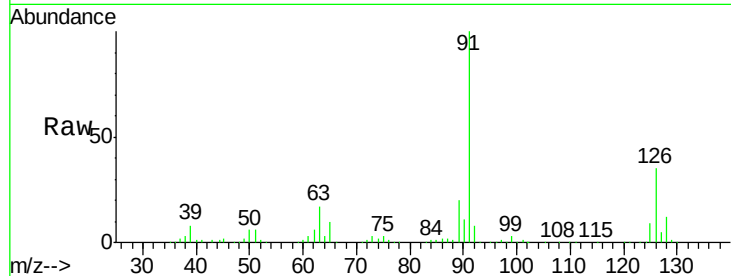
#79
 2-Chlorotoluene
 Concen: 45.10 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX000504.D
 Acq: 28 Mar 2018 21:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 296065
 Ion Ratio Lower Upper
 91 100
 126 36.2 17.7 53.1

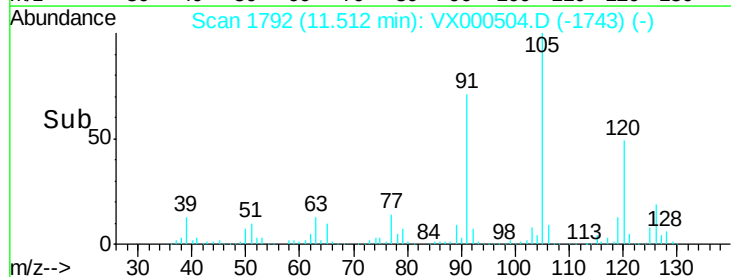
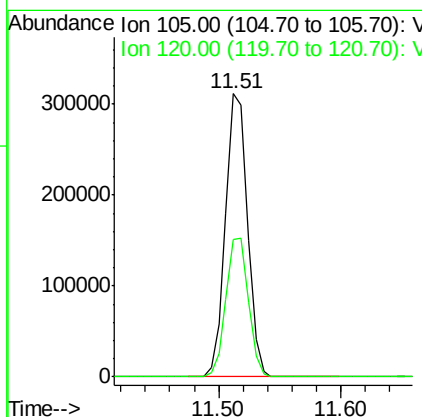
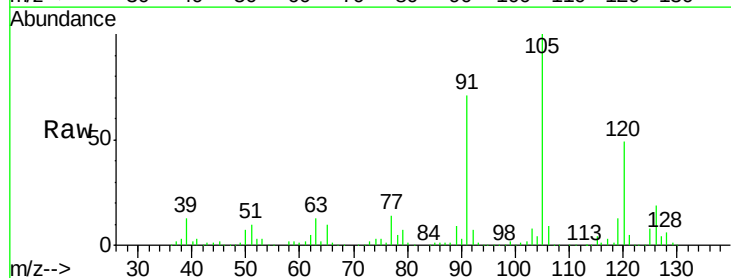
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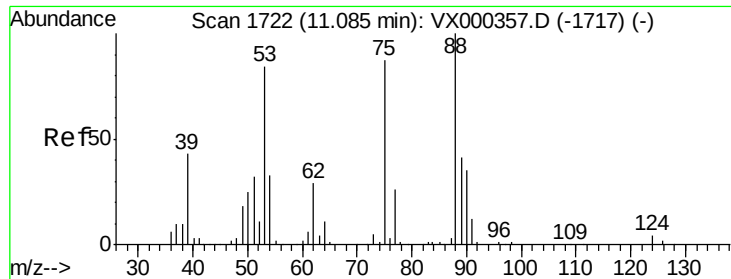
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#80
 1,3,5-Trimethylbenzene
 Concen: 48.49 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000504.D
 Acq: 28 Mar 2018 21:49

Tgt Ion: 105 Resp: 388551
 Ion Ratio Lower Upper
 105 100
 120 50.0 24.1 72.4





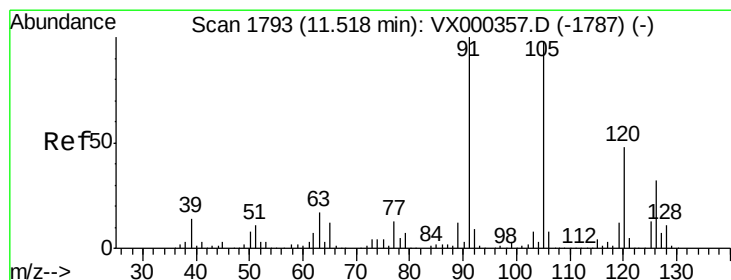
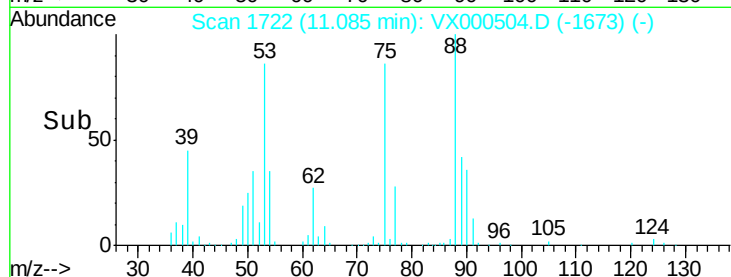
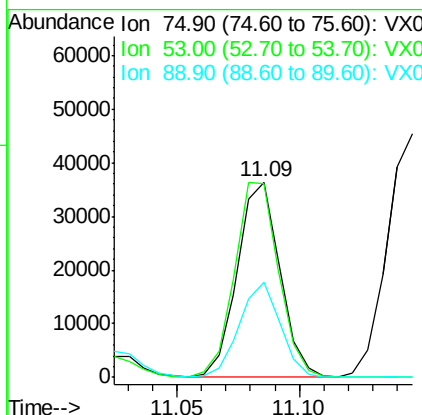
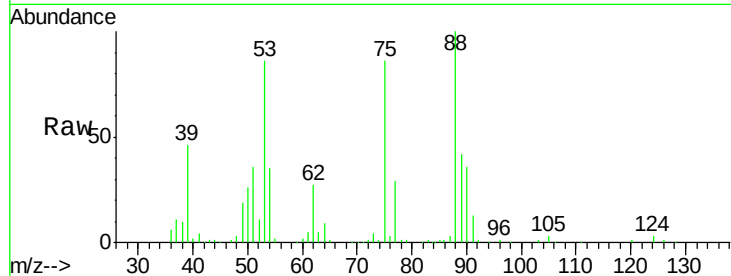
#81
trans-1,4-Dichloro-2-butene
Concen: 45.72 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. -0.00 min
Lab File: VX000504.D
Acq: 28 Mar 2018 21:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.0	80.7	121.1
89	47.4	39.4	59.0

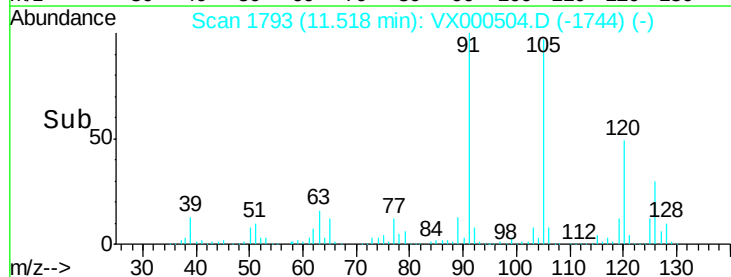
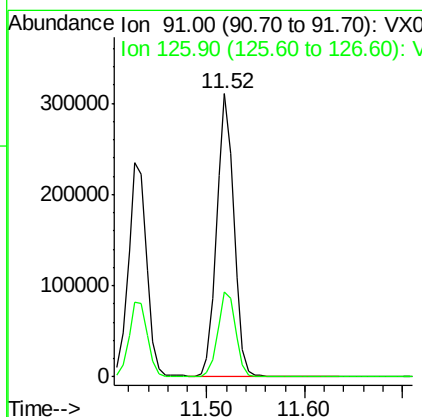
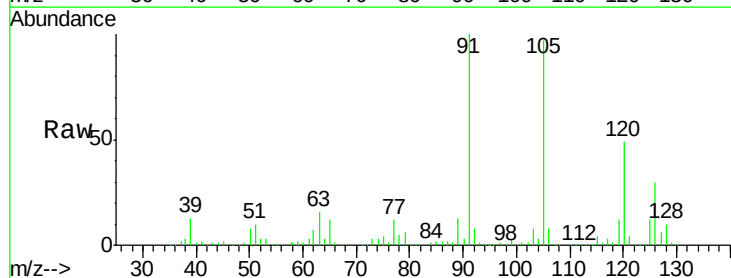
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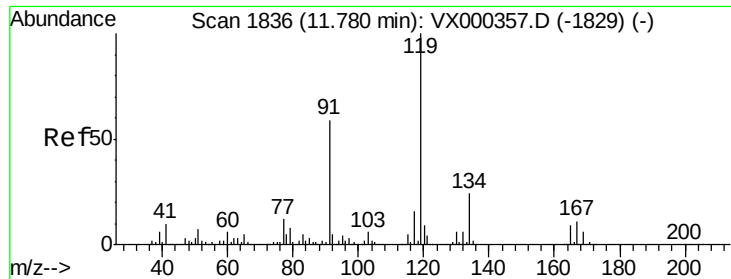
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#82
4-Chlorotoluene
Concen: 48.48 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000504.D
Acq: 28 Mar 2018 21:49

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.4	46.1





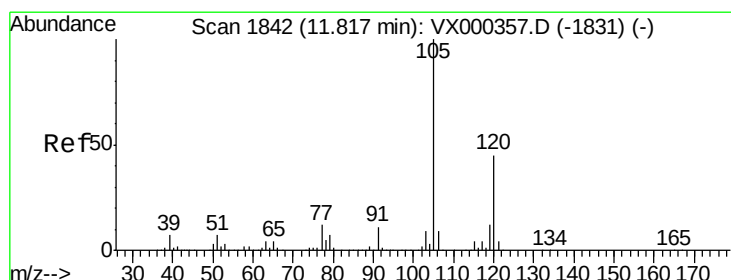
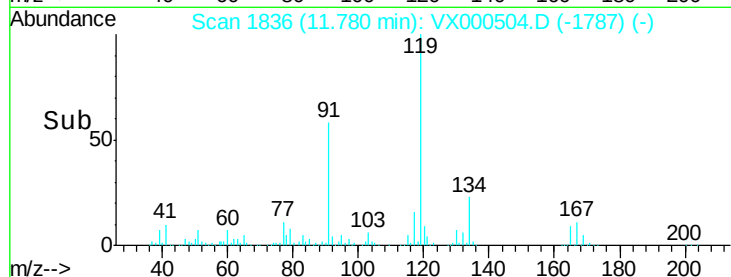
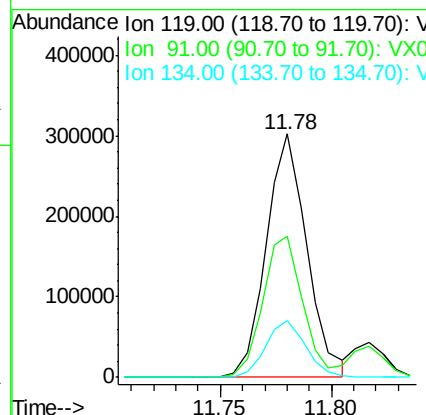
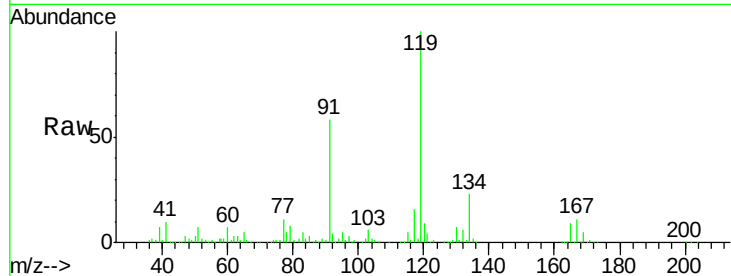
#83
 tert-Butylbenzene
 Concen: 47.33 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000504.D
 Acq: 28 Mar 2018 21:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	382505		
91	56.9		28.8	86.4
134	22.9		11.4	34.1

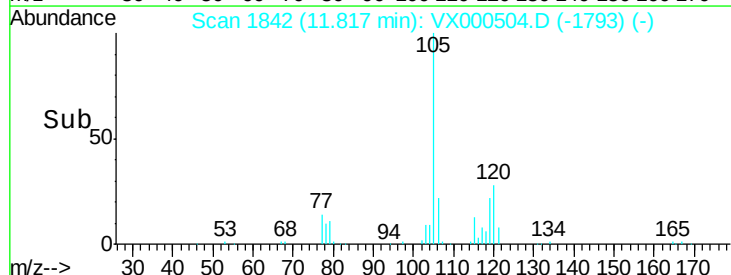
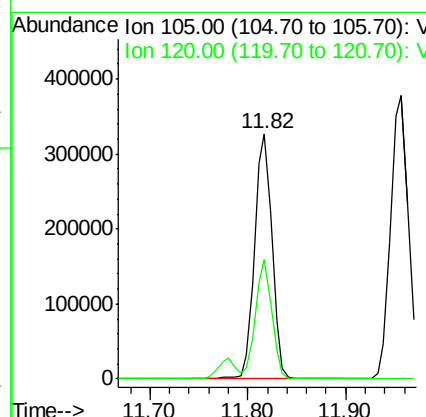
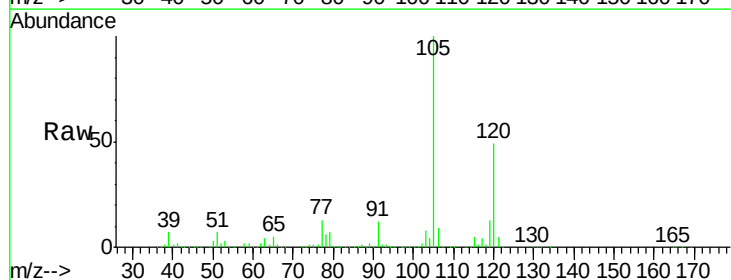
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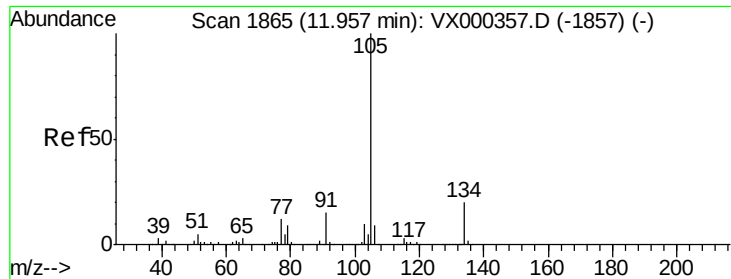
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.12 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000504.D
 Acq: 28 Mar 2018 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	404299		
120	45.8		22.4	67.3





#85

sec-Butylbenzene

Concen: 47.67 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VX000504.D

Acq: 28 Mar 2018 21:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 476690

Ion Ratio Lower Upper

105 100

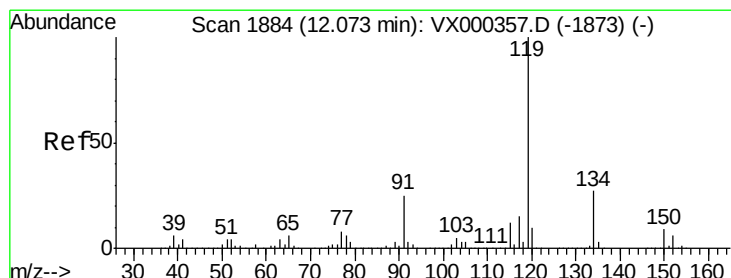
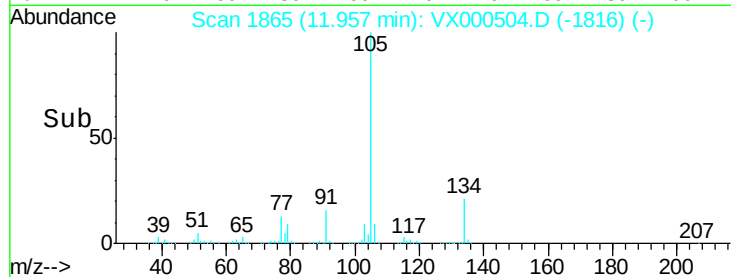
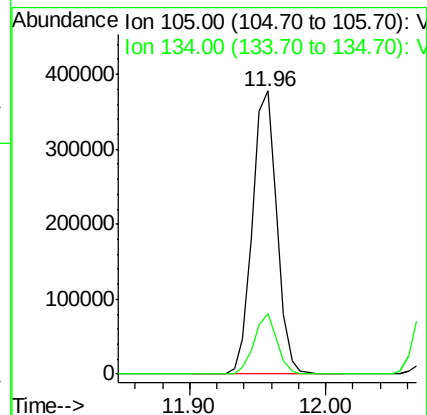
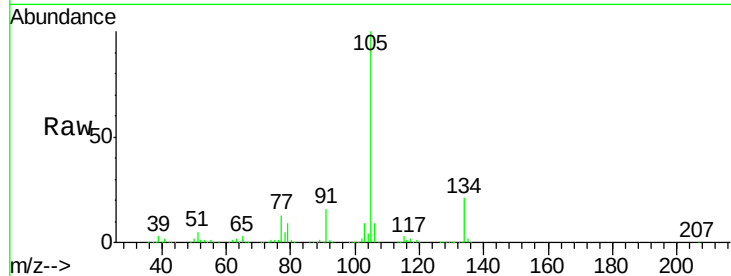
134 20.1 10.3 30.8

Manual Integrations

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3/29/2018 11:19:41 AM



#86

p-Isopropyltoluene

Concen: 48.96 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000504.D

Acq: 28 Mar 2018 21:49

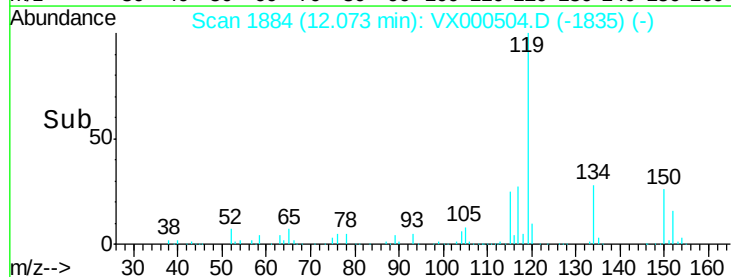
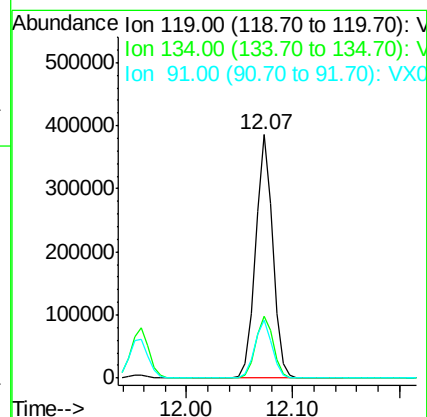
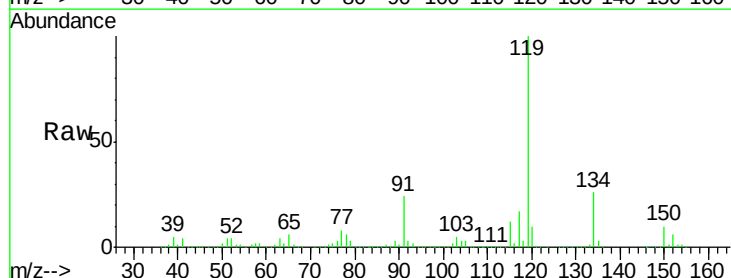
Tgt Ion:119 Resp: 434778

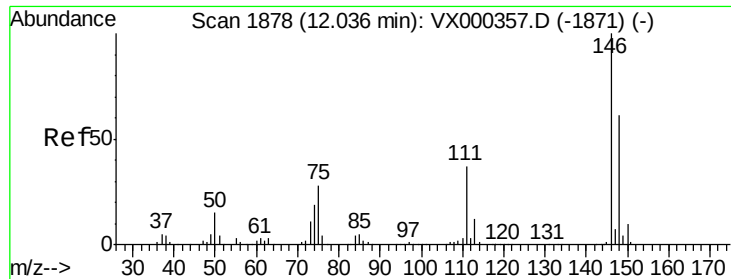
Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.9

91 24.0 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 46.71 ug/l

RT: 12.04 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VX000504.D

Acq: 28 Mar 2018 21:49

Instrument :

MSVOA_X

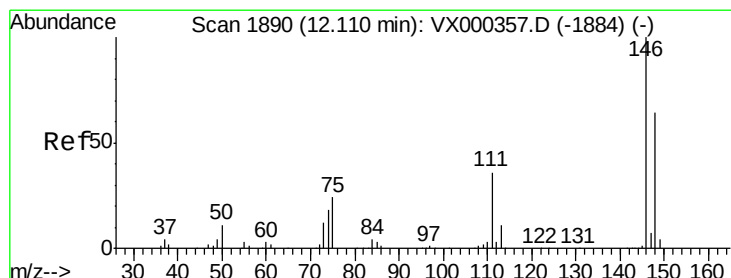
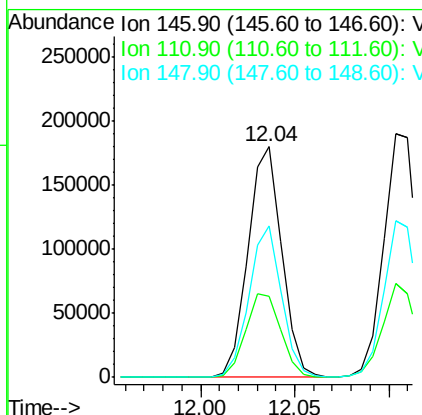
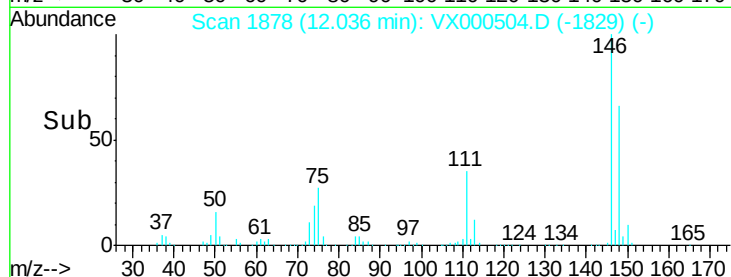
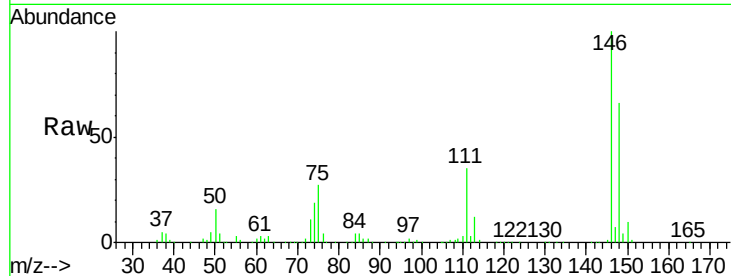
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	224217
Ion Ratio	Lower	Upper	
146	100		
111	37.8	19.5	58.5
148	63.1	32.4	97.0

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#88

1,4-Dichlorobenzene

Concen: 47.38 ug/l

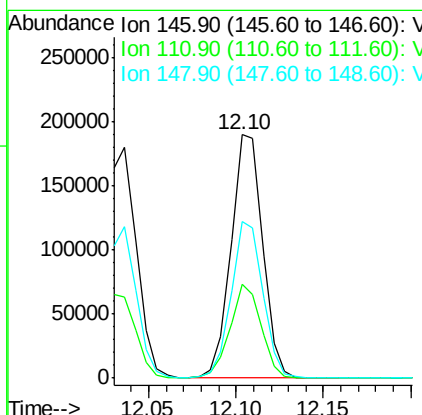
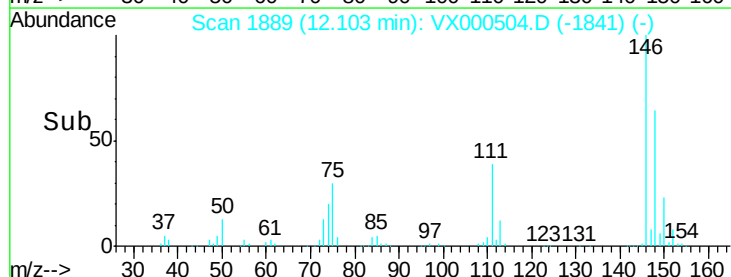
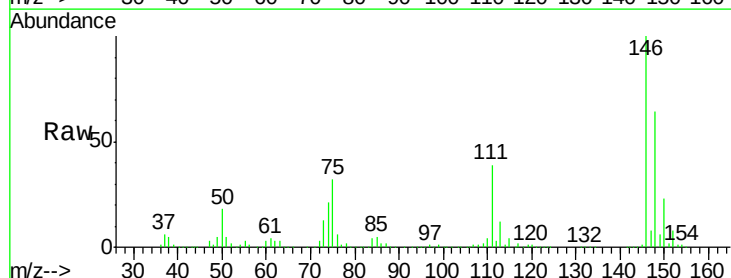
RT: 12.10 min Scan# 1889

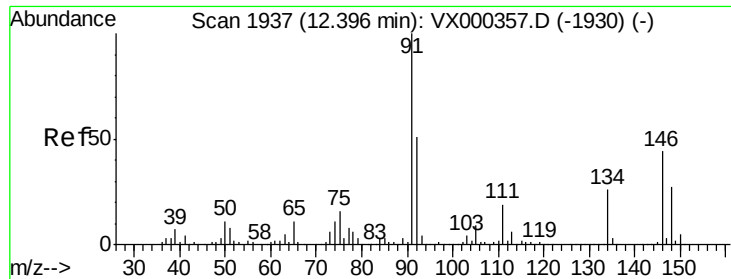
Delta R.T. -0.01 min

Lab File: VX000504.D

Acq: 28 Mar 2018 21:49

Tgt Ion:	146	Resp:	238799
Ion Ratio	Lower	Upper	
146	100		
111	38.2	18.9	56.9
148	64.3	31.0	93.0





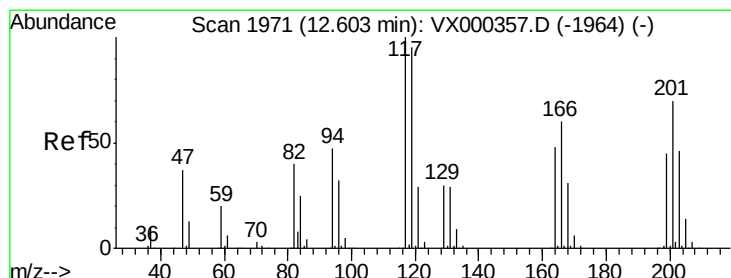
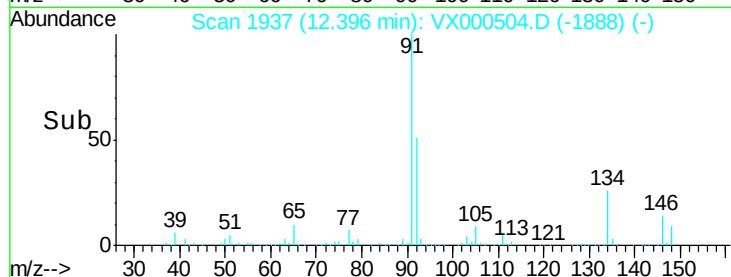
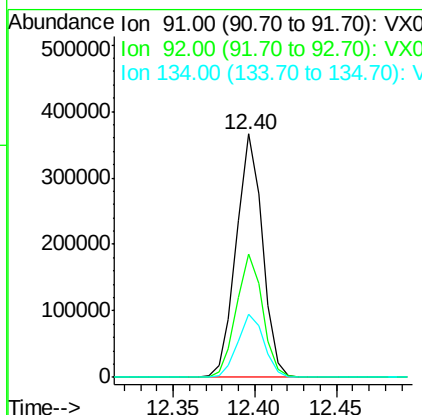
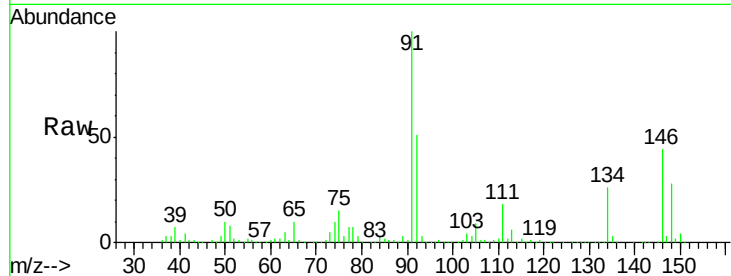
#89
n-Butylbenzene
Concen: 49.59 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000504.D
Acq: 28 Mar 2018 21:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.7	25.9	77.8
134	26.0	13.1	39.3

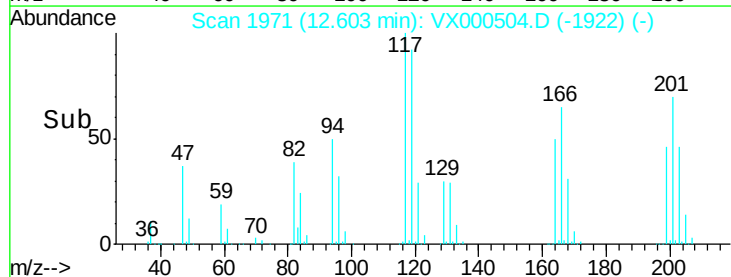
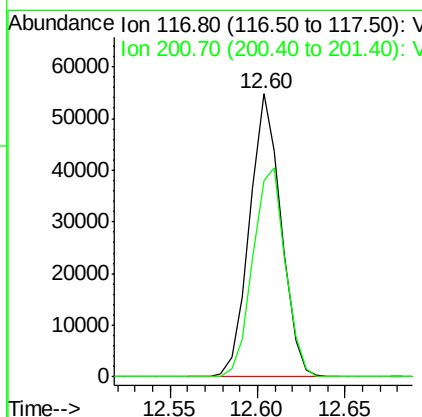
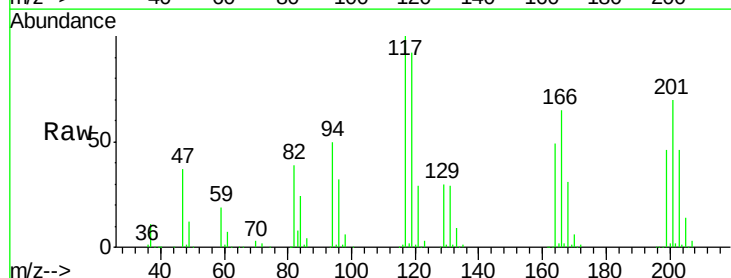
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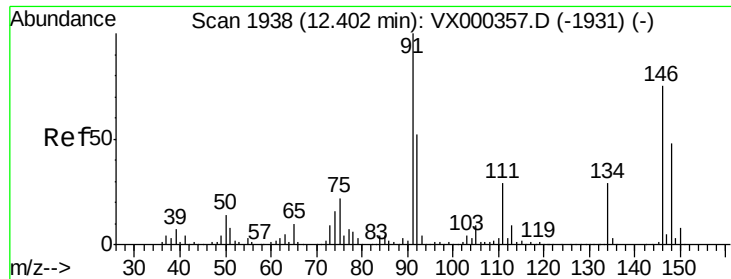
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#90
Hexachloroethane
Concen: 48.87 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000504.D
Acq: 28 Mar 2018 21:49

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.4	37.9	113.6





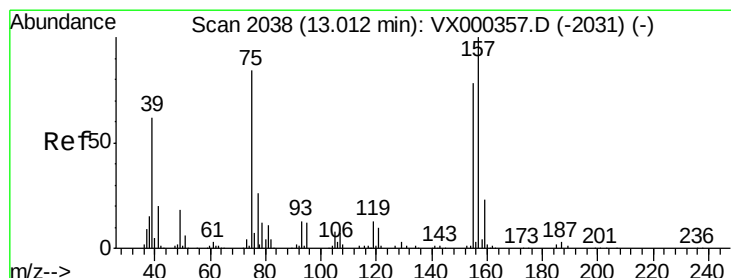
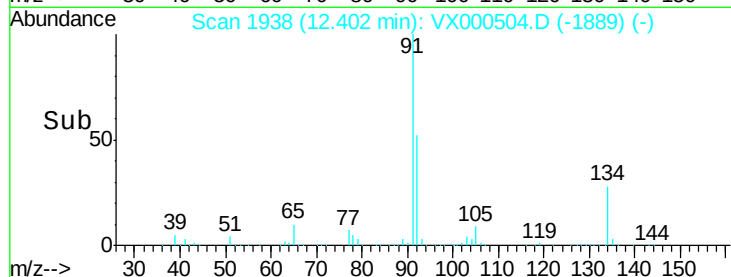
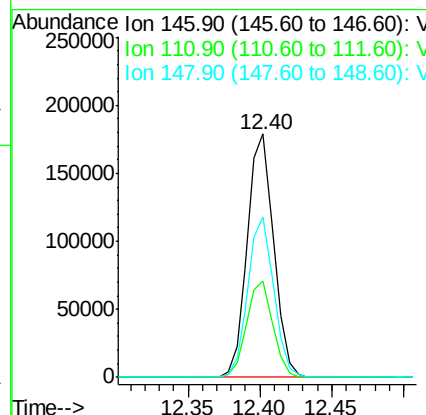
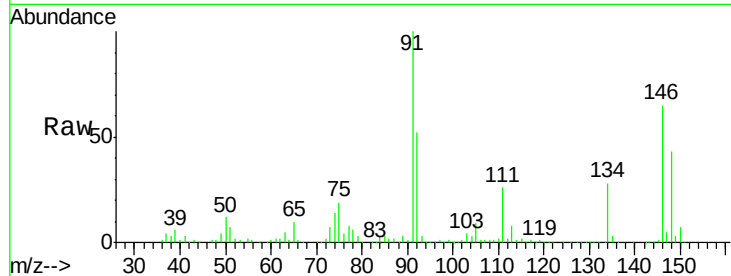
#91
 1,2-Dichlorobenzene
 Concen: 48.15 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000504.D
 Acq: 28 Mar 2018 21:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	226593		
111	39.5	20.1	60.2	
148	64.7	31.2	93.6	

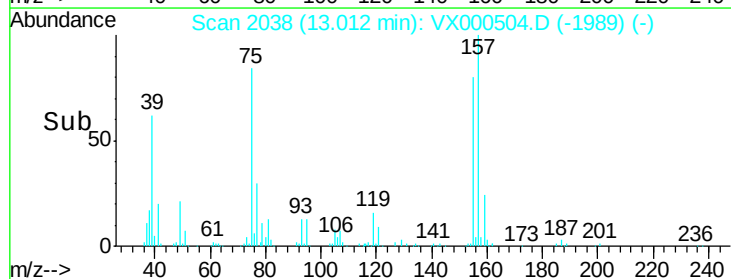
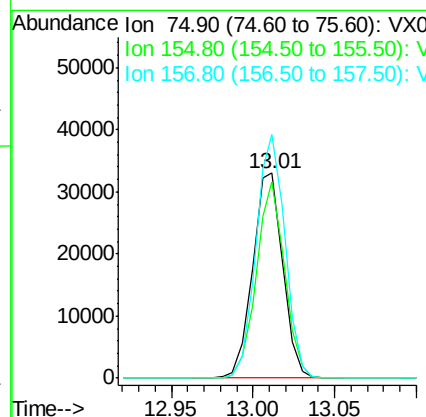
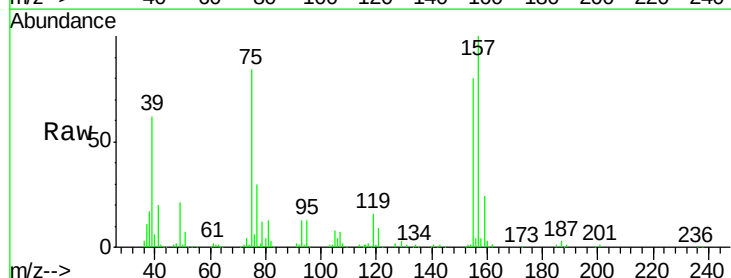
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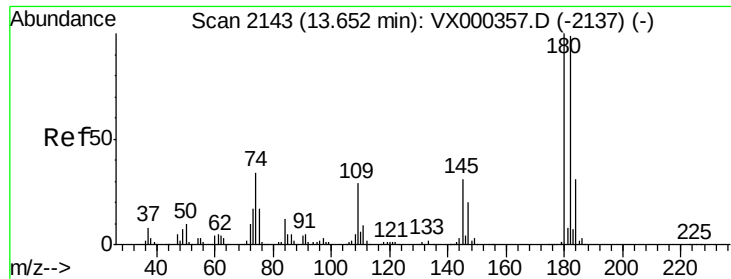
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.29 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: VX000504.D
 Acq: 28 Mar 2018 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	42572		
155	89.5	45.0	134.8	
157	113.9	58.1	174.2	





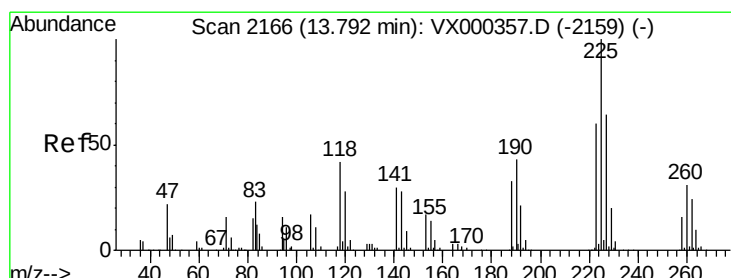
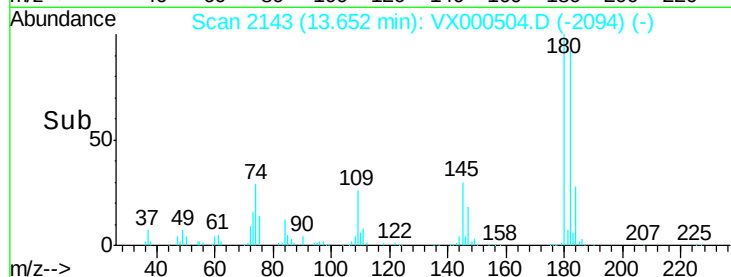
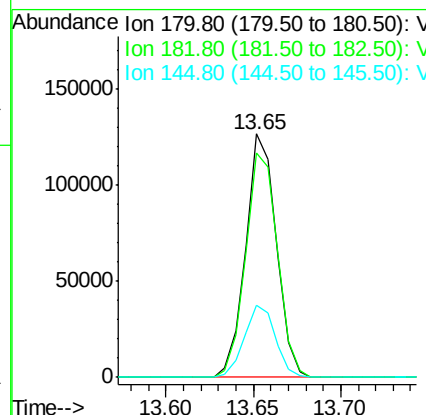
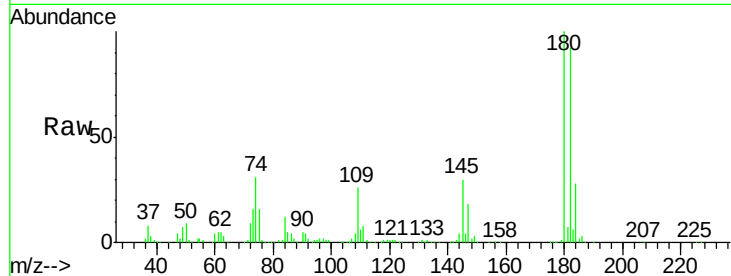
#93
 1,2,4-Trichlorobenzene
 Concen: 45.70 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000504.D
 Acq: 28 Mar 2018 21:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.6	142.9
145	30.3	15.1	45.3

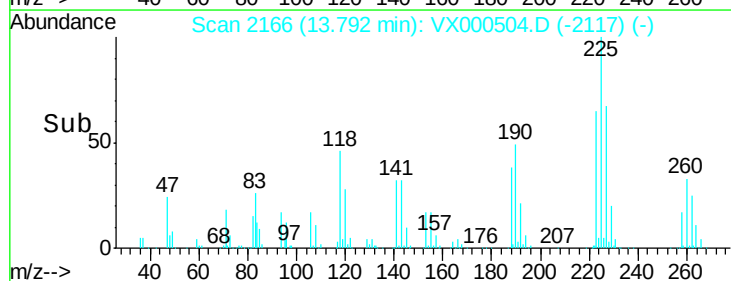
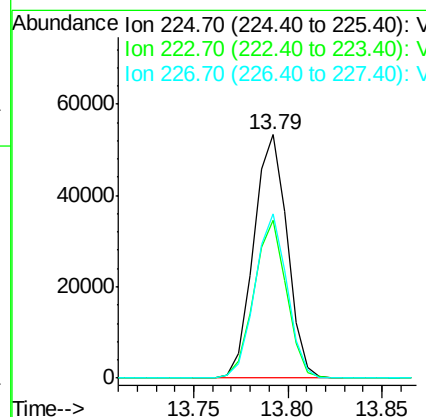
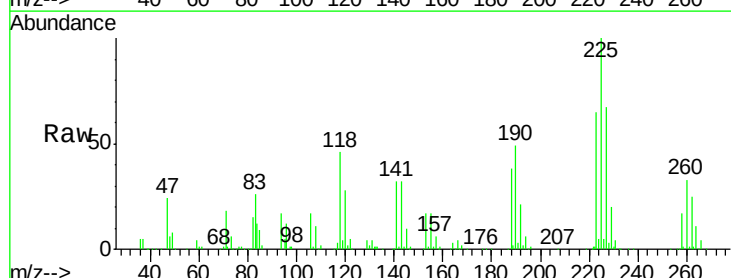
Manual Integrations
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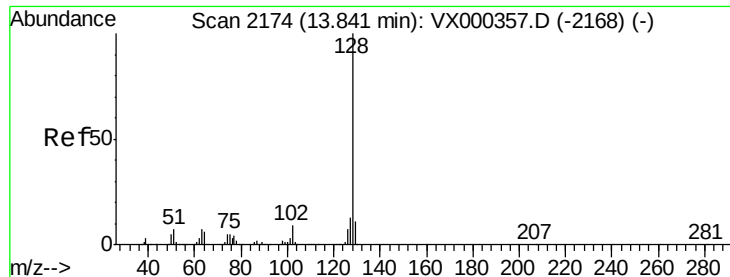
MMDadoda
 3/29/2018 11:19:41 AM



#94
 Hexachlorobutadiene
 Concen: 47.07 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000504.D
 Acq: 28 Mar 2018 21:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	32.0	96.0
227	64.7	32.6	98.0





#95

Naphthalene

Concen: 48.17 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000504.D

Acq: 28 Mar 2018 21:49

Instrument :

MSVOA_X

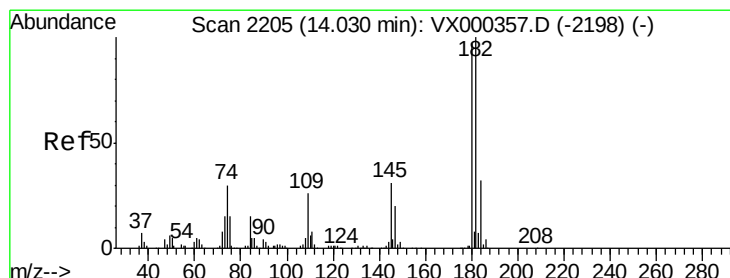
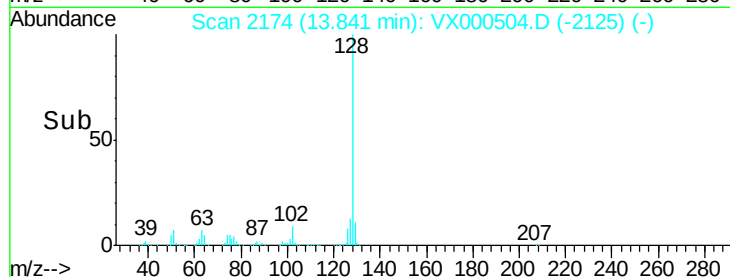
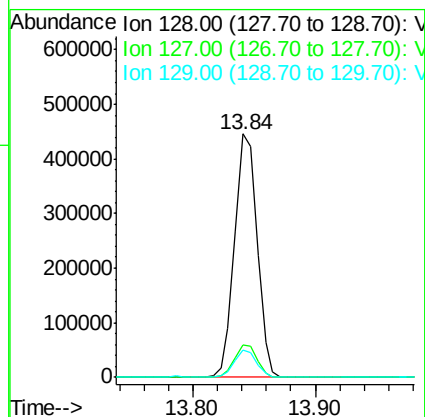
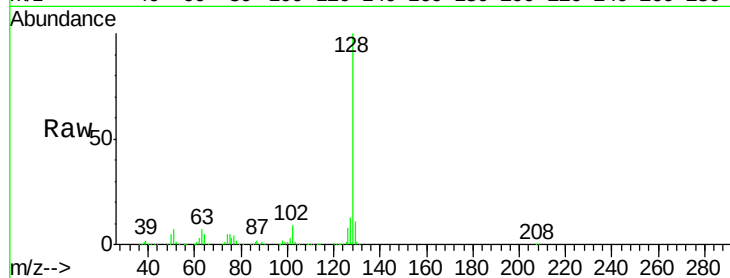
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	566082
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.6	15.8
129	10.9	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
3/29/2018 11:19:41 AM



#96

1,2,3-Trichlorobenzene

Concen: 46.54 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000504.D

Acq: 28 Mar 2018 21:49

Tgt Ion:	180	Resp:	155165
Ion Ratio	Lower	Upper	
180	100		
182	96.0	47.4	142.3
145	30.9	15.8	47.3

