

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030818\
 Data File : VX000223.D
 Acq On : 08 Mar 2018 16:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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apatel
 3/9/2018 9:38:18 AM

Quant Time: Mar 08 18:07:24 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 02:15:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	146822	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	244052	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	254085	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	157015	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	99982	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
35) Dibromofluoromethane	5.51	113	76628	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
50) Toluene-d8	8.73	98	328739	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	
62) 4-Bromofluorobenzene	11.15	95	132322	53.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	73703	46.07	ug/l	98
3) Chloromethane	1.32	50	66226	42.40	ug/l	99
4) Vinyl Chloride	1.41	62	83172	45.69	ug/l	98
5) Bromomethane	1.64	94	88487	46.60	ug/l	100
6) Chloroethane	1.72	64	53299	46.94	ug/l	94
7) Trichlorofluoromethane	1.93	101	141920	47.00	ug/l	99
8) Diethyl Ether	2.19	74	46748	42.18	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	78426	46.50	ug/l	100
10) Methyl Iodide	2.51	142	66762	38.48	ug/l	99
11) Tert butyl alcohol	3.07	59	166694	222.90	ug/l	100
12) 1,1-Dichloroethene	2.38	96	70203	45.34	ug/l	96
13) Acrolein	2.30	56	108927	277.04	ug/l	98
14) Allyl chloride	2.73	41	125335	43.82	ug/l	98
15) Acrylonitrile	3.15	53	290517	223.22	ug/l	99
16) Acetone	2.45	43	362194	247.80	ug/l	100
17) Carbon Disulfide	2.57	76	189981	44.78	ug/l	99
18) Methyl Acetate	2.78	43	138292	44.43	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	250283	45.39	ug/l	100
20) Methylene Chloride	2.86	84	73468	42.15	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	76370	44.84	ug/l	97
22) Diisopropyl ether	3.88	45	243318	49.53	ug/l	98
23) Vinyl Acetate	3.83	43	1194819	252.38	ug/l	99
24) 1,1-Dichloroethane	3.70	63	132847	44.11	ug/l	99
25) 2-Butanone	4.71	43	416723	231.03	ug/l	97
26) 2,2-Dichloropropane	4.59	77	99116	45.03	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	69489	43.03	ug/l	99
28) Bromochloromethane	5.03	49	66481	51.94	ug/l	100
29) Tetrahydrofuran	5.18	42	260273	229.73	ug/l	99
30) Chloroform	5.22	83	130219	44.73	ug/l	99
31) Cyclohexane	5.59	56	106952	48.03	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	116806	46.27	ug/l	99
36) 1,1-Dichloropropene	5.81	75	99281	45.72	ug/l	99
37) Ethyl Acetate	4.87	43	136548	43.51	ug/l	99
38) Carbon Tetrachloride	5.79	117	102212	46.51	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	124253	46.63	ug/l	97
40) Benzene	6.15	78	283753	45.31	ug/l	99
41) Methacrylonitrile	5.07	41	70859	44.30	ug/l	98
42) 1,2-Dichloroethane	6.21	62	112234	45.69	ug/l	100
43) Isopropyl Acetate	6.48	43	208624	45.98	ug/l	100
44) Trichloroethene	7.22	130	81721	45.59	ug/l	94
45) 1,2-Dichloropropane	7.52	63	71504	45.08	ug/l	94
46) Dibromomethane	7.67	93	56464	44.99	ug/l	97
47) Bromodichloromethane	7.91	83	105638	47.85	ug/l	94
48) Methyl methacrylate	7.79	41	104335	46.68	ug/l	97
49) 1,4-Dioxane	7.77	88	49140	968.57	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	823689	240.51	ug/l	99
52) Toluene	8.79	92	206061	48.00	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	124781	47.97	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	125756	49.97	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	83561	48.06	ug/l	97
56) Ethyl methacrylate	9.19	69	130478	50.15	ug/l	98
57) 1,3-Dichloropropane	9.38	76	134356	46.02	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	395273	300.91	ug/l	99
59) 2-Hexanone	9.51	43	727138	249.01	ug/l	100
60) Dibromochloromethane	9.59	129	93013	50.74	ug/l	99
61) 1,2-Dibromoethane	9.68	107	94317	48.85	ug/l	98
64) Tetrachloroethene	9.34	164	79799	44.89	ug/l	99
65) Chlorobenzene	10.15	112	244234	47.60	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	82754	47.17	ug/l	100
67) Ethyl Benzene	10.26	91	420041	46.90	ug/l	99
68) m/p-Xylenes	10.37	106	335233	97.26	ug/l	99
69) o-Xylene	10.71	106	159017	48.00	ug/l	100
70) Styrene	10.72	104	269262	49.00	ug/l	99
71) Bromoform	10.87	173	73493	41.59	ug/l #	98
73) Isopropylbenzene	11.02	105	438784	44.63	ug/l	100
74) N-amyl acetate	6.48	43	208624	41.48	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	157476	45.69	ug/l	97
76) 1,2,3-Trichloropropane	11.30	75	140665m	44.69	ug/l	
77) Bromobenzene	11.26	156	109143	42.94	ug/l	97
78) n-propylbenzene	11.37	91	522069	45.12	ug/l	100
79) 2-Chlorotoluene	11.43	91	296857	45.48	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	387506	47.21	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	47816	46.52	ug/l	98
82) 4-Chlorotoluene	11.52	91	374333	47.17	ug/l	98
83) tert-Butylbenzene	11.78	119	372033	46.58	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	396996	47.04	ug/l	99
85) sec-Butylbenzene	11.96	105	478825	47.40	ug/l	99
86) p-Isopropyltoluene	12.07	119	436869	49.04	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	221283	45.79	ug/l	99
88) 1,4-Dichlorobenzene	12.11	146	230560	45.53	ug/l	99
89) n-Butylbenzene	12.40	91	421214	49.10	ug/l	99
90) Hexachloroethane	12.60	117	67191	46.82	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	222741	46.56	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	44139	45.61	ug/l	97

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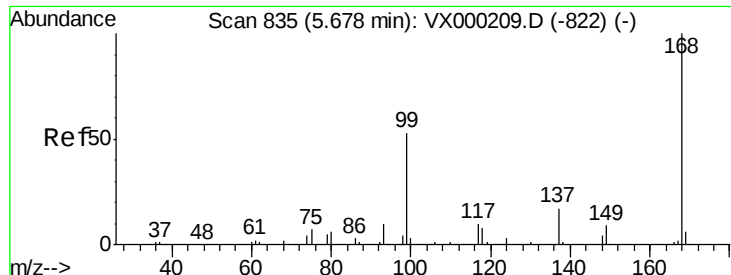
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	160160	46.02	ug/l	99
94) Hexachlorobutadiene	13.79	225	64737	44.69	ug/l	100
95) Naphthalene	13.84	128	562794	46.34	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	153925	44.71	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: VX000223.D

Acq: 08 Mar 2018 16:37

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 146822

Ion Ratio Lower Upper

168 100

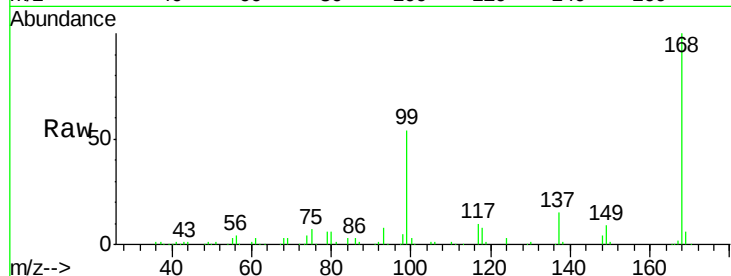
99 53.5 42.8 64.2

Manual Integrations

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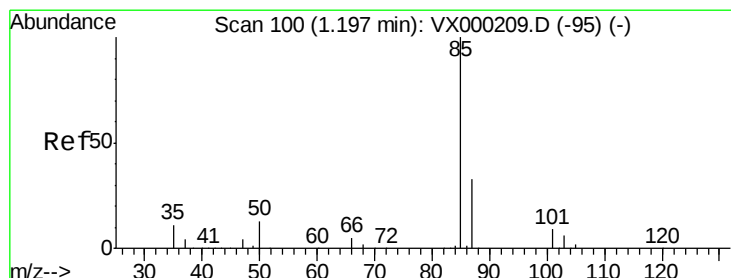
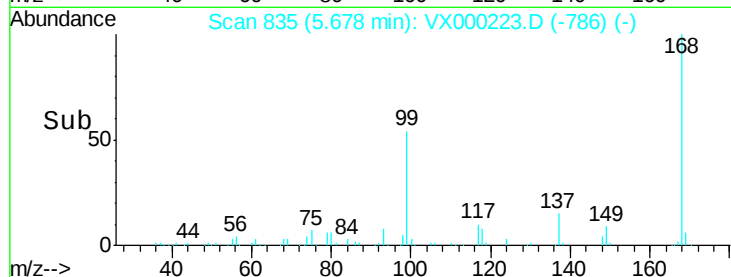
Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 46.07 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000223.D

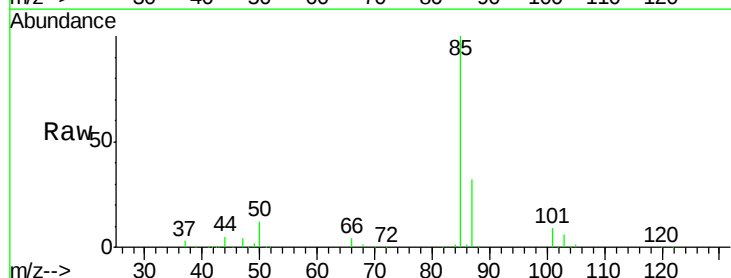
Acq: 08 Mar 2018 16:37

Tgt Ion: 85 Resp: 73703

Ion Ratio Lower Upper

85 100

87 32.1 16.7 50.0



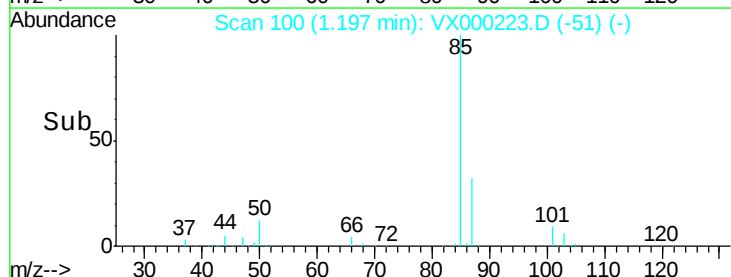
Abundance Ion 84.90 (84.60 to 85.60): VX0

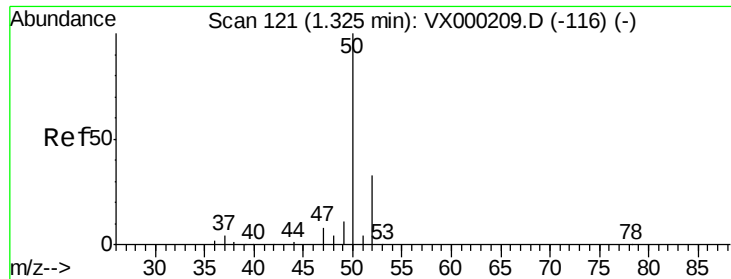
Ion 86.90 (86.60 to 87.60): VX0

1.20

1.15 1.25 1.30

Time-->





#3

Chloromethane

Concen: 42.40 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 16:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 66226

Ion Ratio Lower Upper

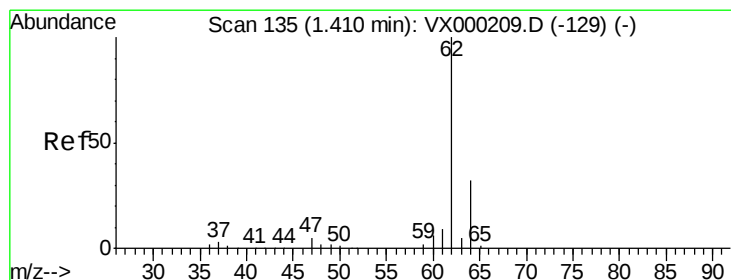
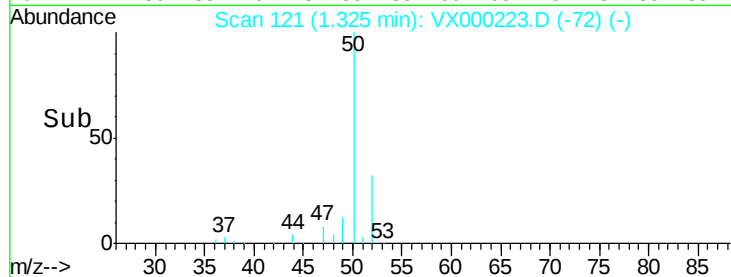
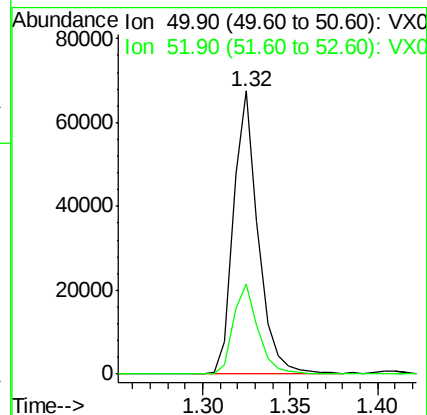
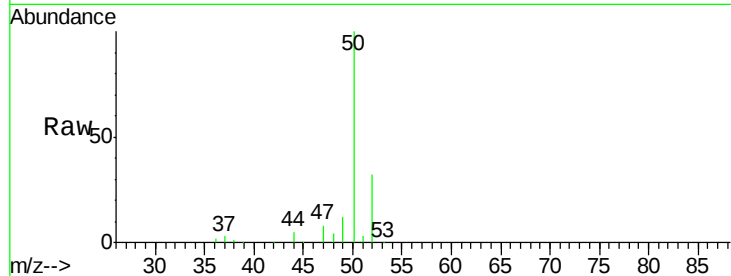
50 100

52 32.0 26.2 39.2

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#4

Vinyl Chloride

Concen: 45.69 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000223.D

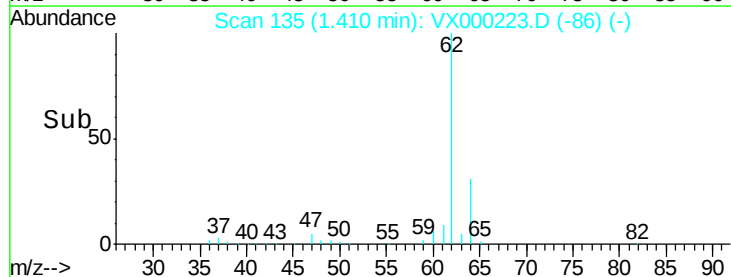
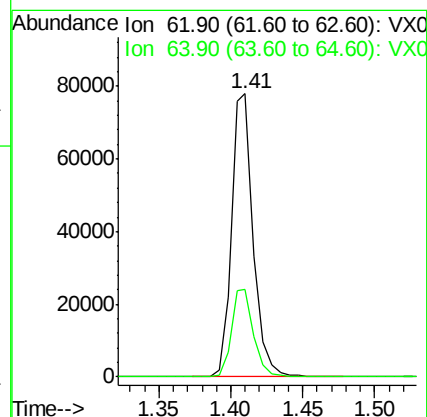
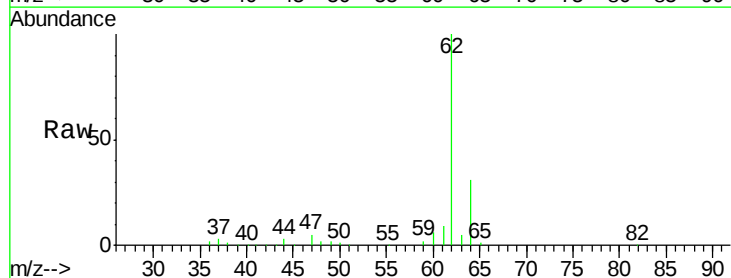
Acq: 08 Mar 2018 16:37

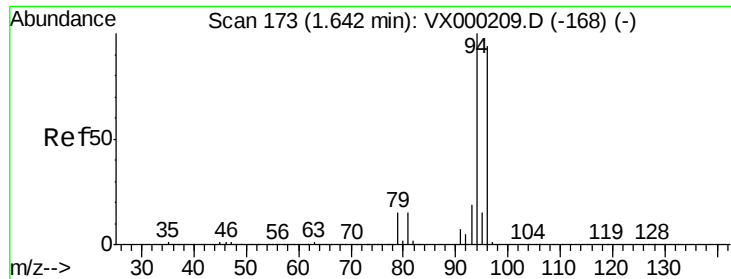
Tgt Ion: 62 Resp: 83172

Ion Ratio Lower Upper

62 100

64 30.9 25.7 38.5





#5

Bromomethane

Concen: 46.60 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX000223.D

Acq: 08 Mar 2018 16:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 88487

Ion Ratio Lower Upper

94 100

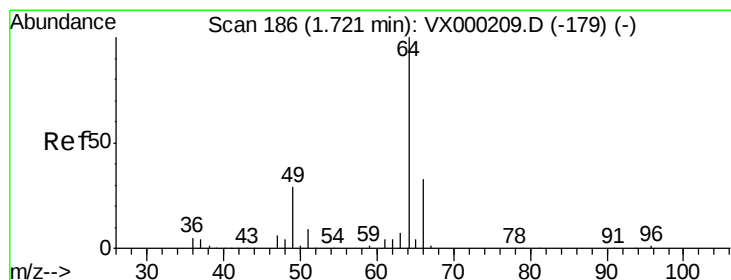
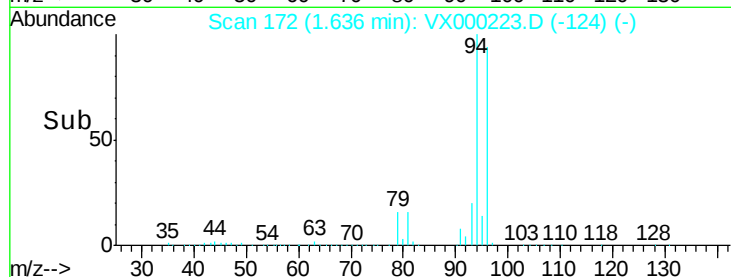
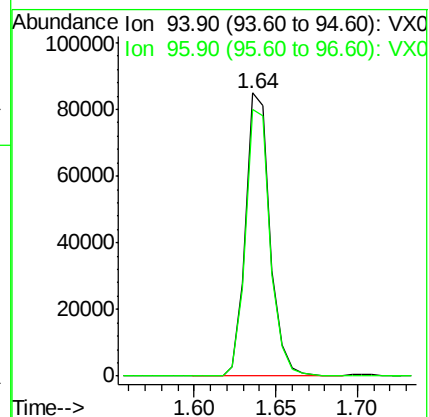
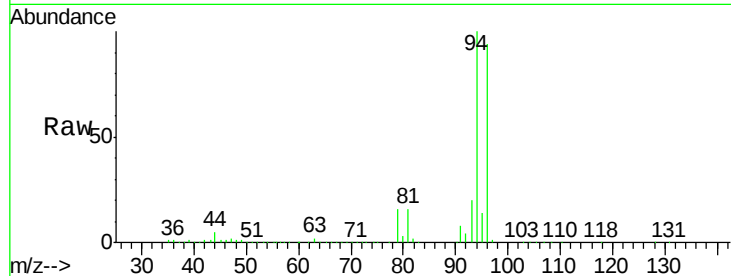
96 94.4 75.3 112.9

Manual Integrations

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#6

Chloroethane

Concen: 46.94 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX000223.D

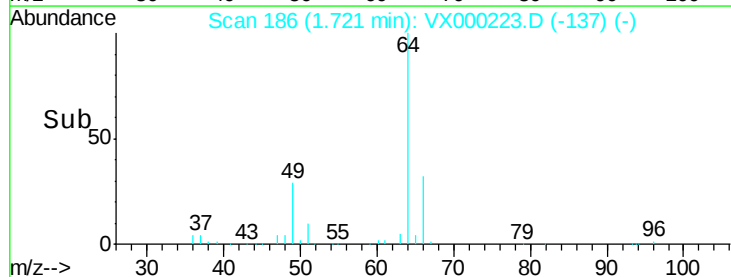
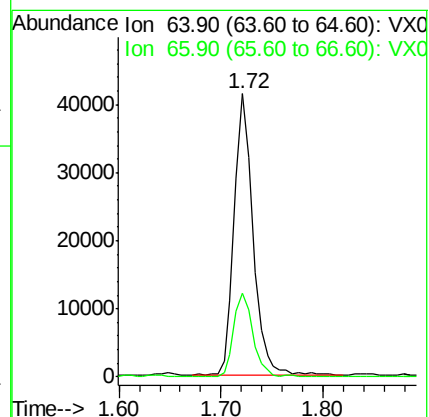
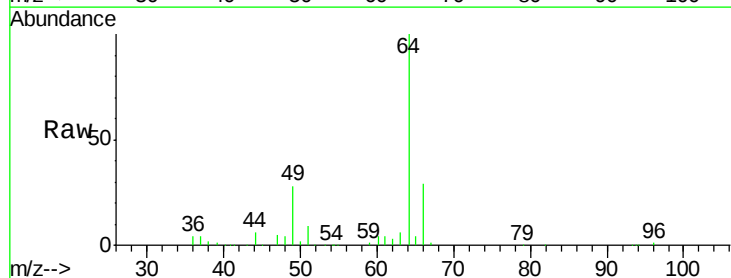
Acq: 08 Mar 2018 16:37

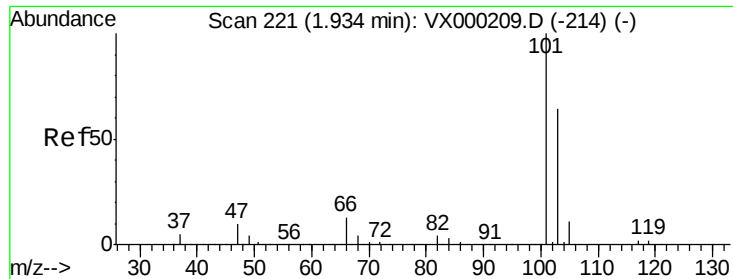
Tgt Ion: 64 Resp: 53299

Ion Ratio Lower Upper

64 100

66 29.5 26.2 39.4





#7

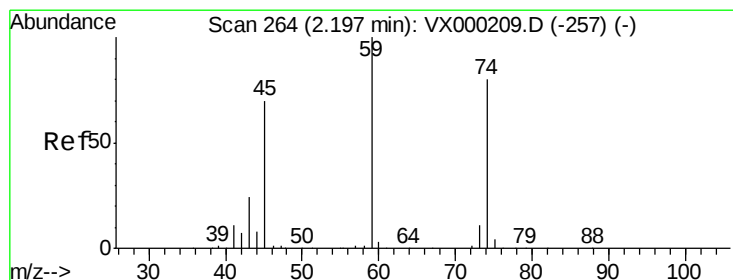
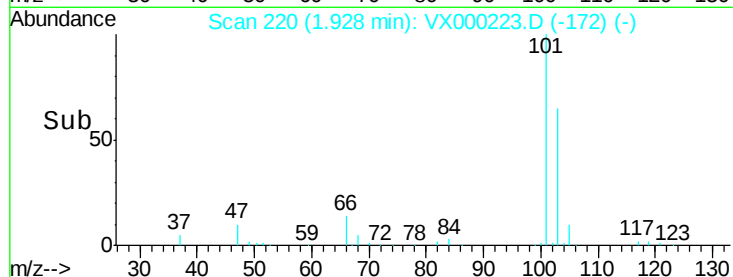
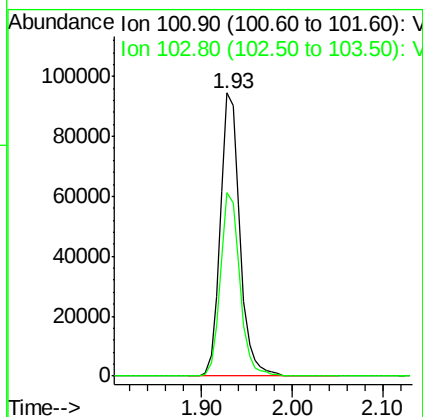
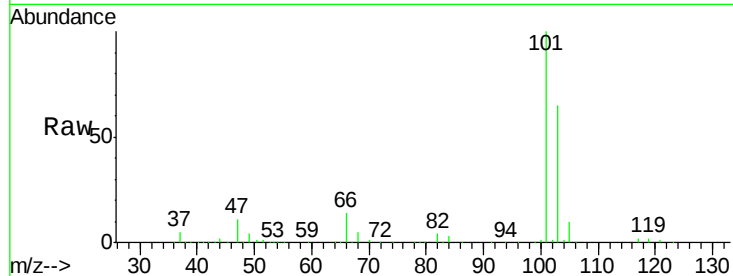
Trichlorofluoromethane
Concen: 47.00 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.01 min
Lab File: VX000223.D
Acq: 08 Mar 2018 16:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:101 Resp: 141920
Ion Ratio Lower Upper
101 100
103 64.9 51.2 76.8

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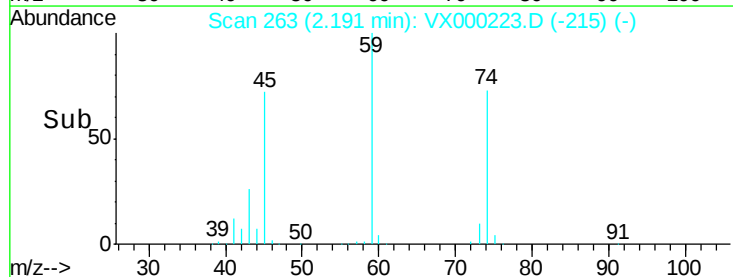
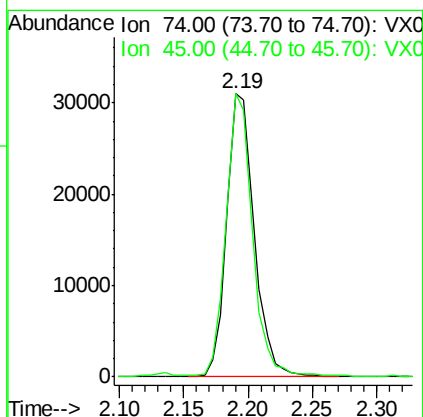
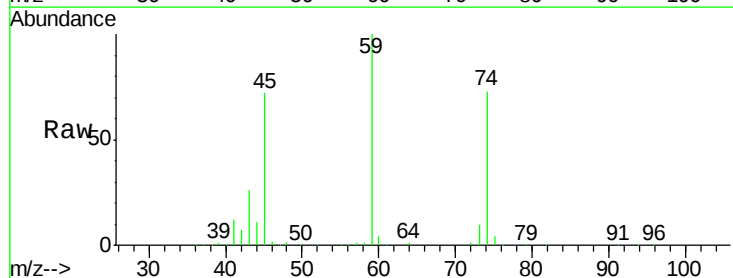
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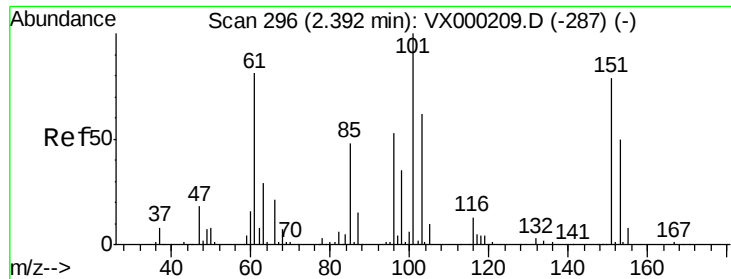


#8

Diethyl Ether
Concen: 42.18 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX000223.D
Acq: 08 Mar 2018 16:37

Tgt Ion: 74 Resp: 46748
Ion Ratio Lower Upper
74 100
45 94.2 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.50 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000223.D

Acq: 08 Mar 2018 16:37

Instrument :

MSVOA_X

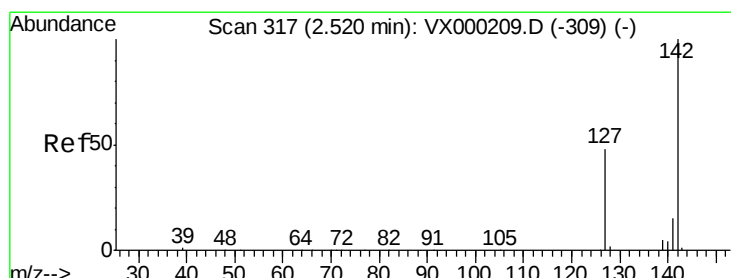
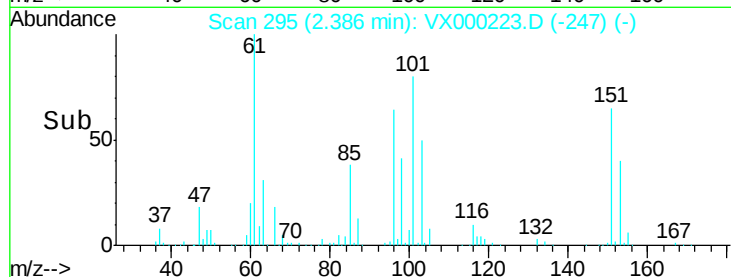
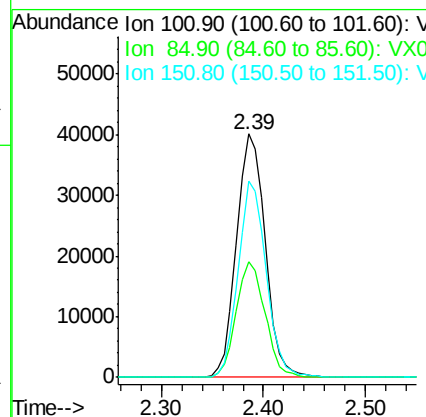
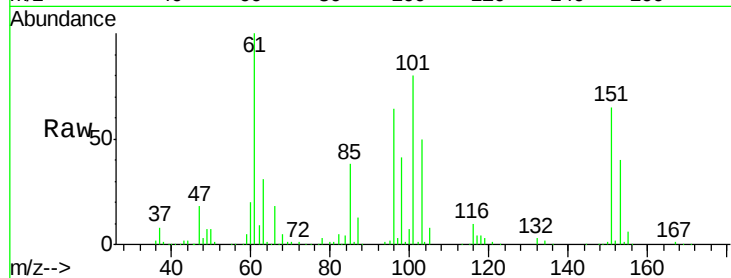
ClientSampled :

VSTDCCC050

Tot Ion:	101	Resp:	78426
Ion Ratio	Lower	Upper	
101	100		
85	47.7	38.3	57.5
151	78.3	62.8	94.2

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#10

Methyl Iodide

Concen: 38.48 ug/l

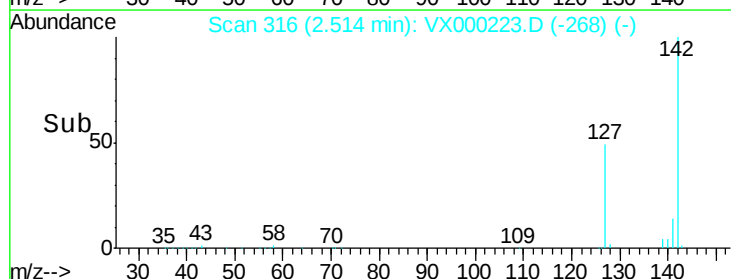
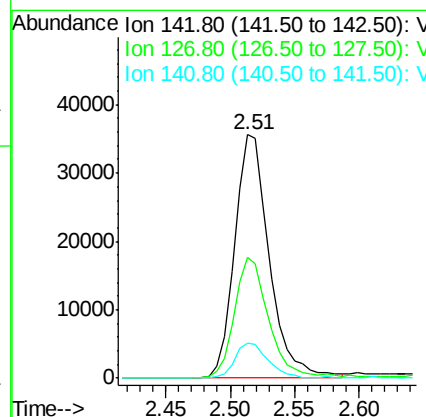
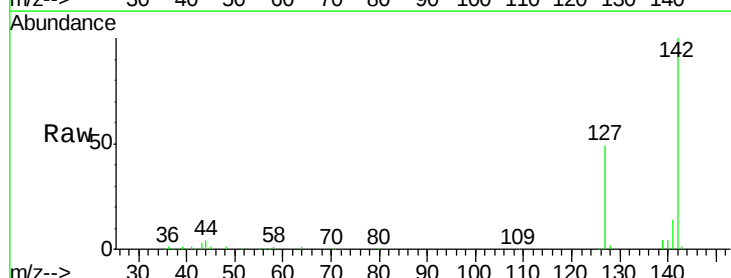
RT: 2.51 min Scan# 316

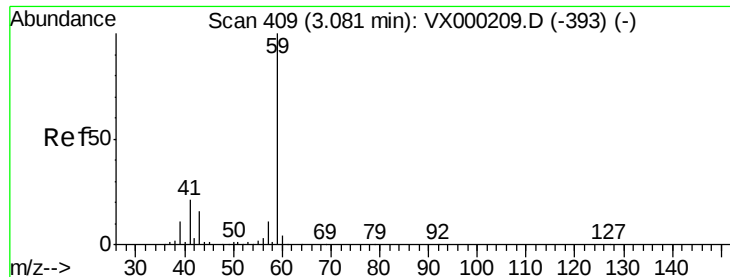
Delta R.T. -0.01 min

Lab File: VX000223.D

Acq: 08 Mar 2018 16:37

Tgt Ion:	142	Resp:	66762
Ion Ratio	Lower	Upper	
142	100		
127	49.7	39.0	58.6
141	13.8	11.6	17.4





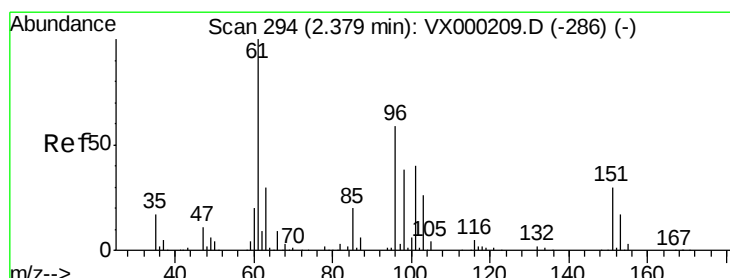
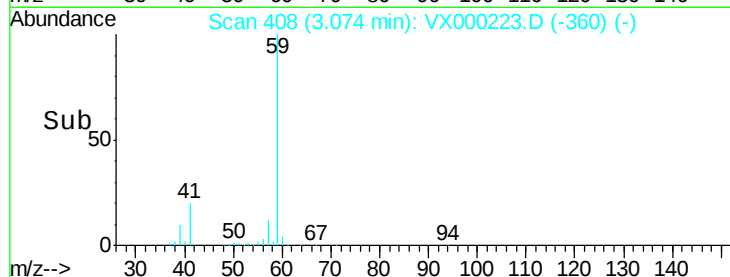
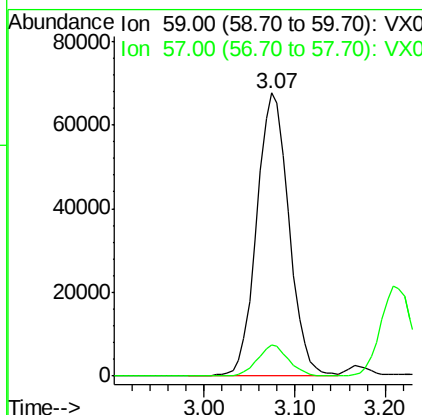
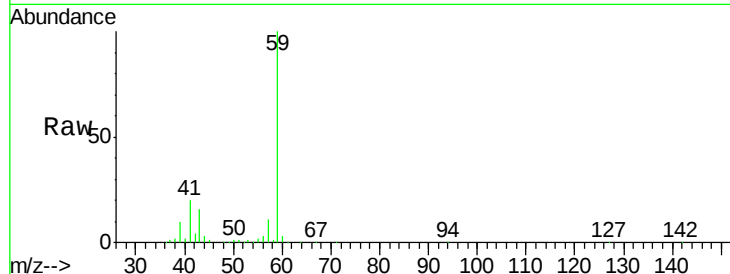
#11
Tert butyl alcohol
Concen: 222.90 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX000223.D
Acq: 08 Mar 2018 16:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.4	12.6

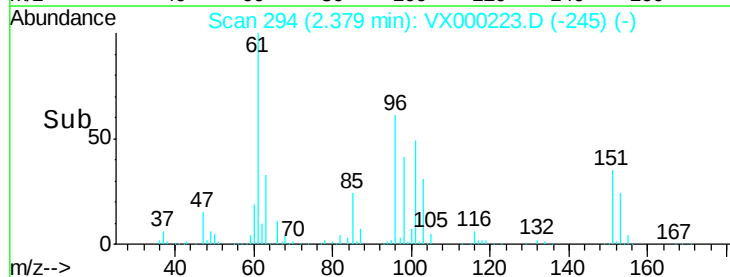
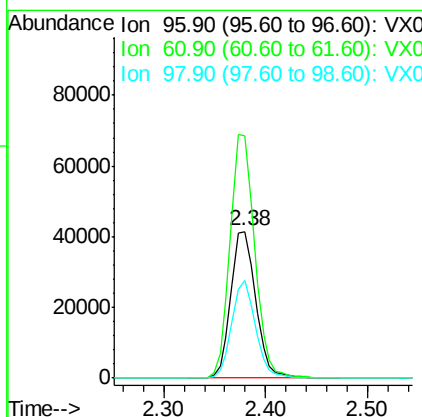
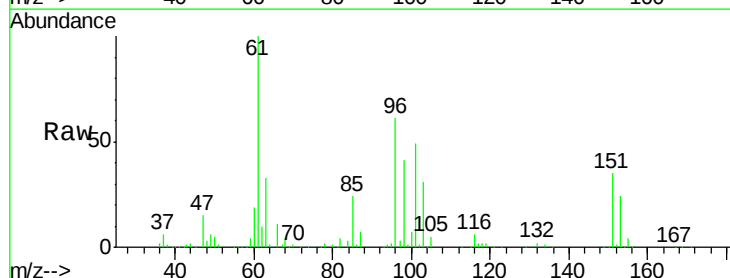
Manual Integrations
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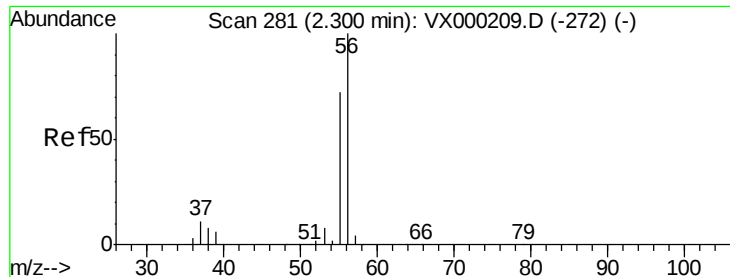
apatel
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#12
1,1-Dichloroethene
Concen: 45.34 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 16:37

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.8	135.8	203.6
98	66.9	51.1	76.7





#13

Acrolein

Concen: 277.04 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 16:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 108927

Ion Ratio Lower Upper

56 100

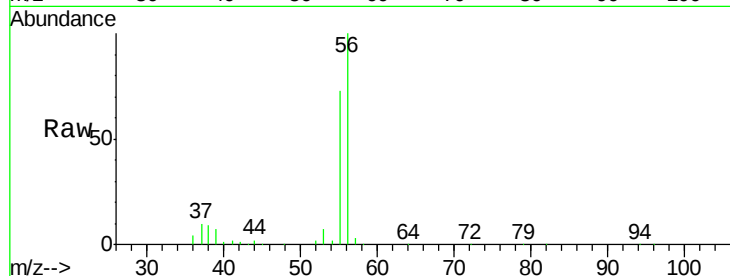
55 72.5 59.2 88.8

Manual Integrations

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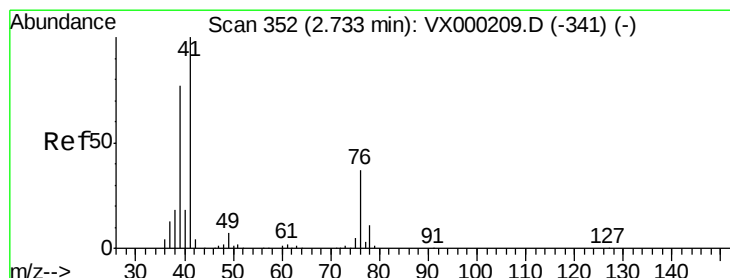
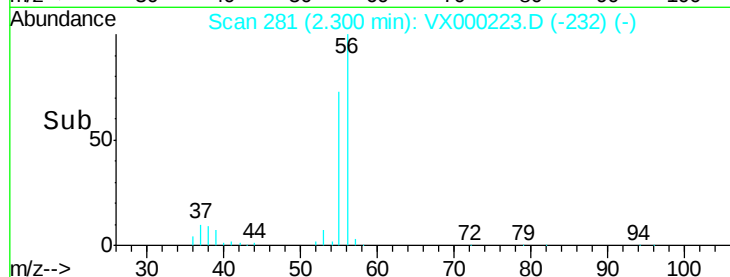
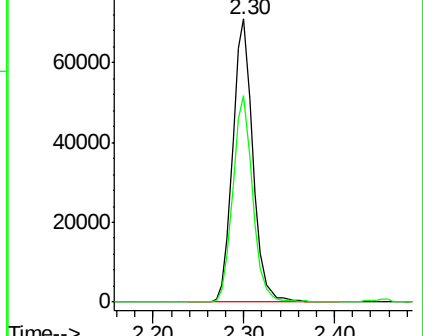
apatel

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 43.82 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 16:37

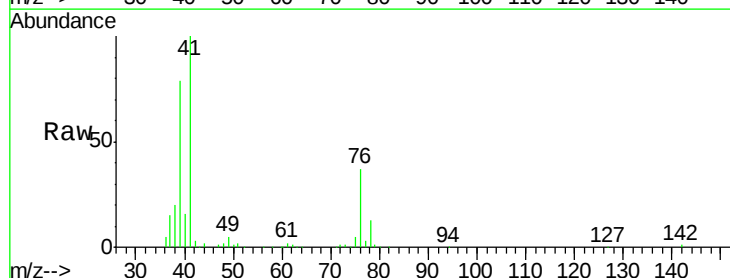
Tgt Ion: 41 Resp: 125335

Ion Ratio Lower Upper

41 100

39 73.0 57.0 85.6

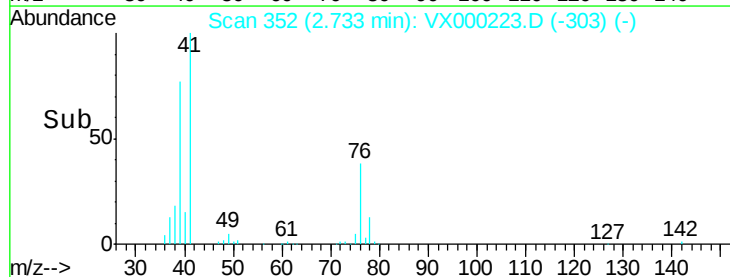
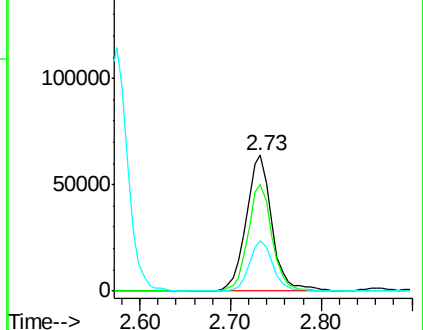
76 33.8 26.8 40.2

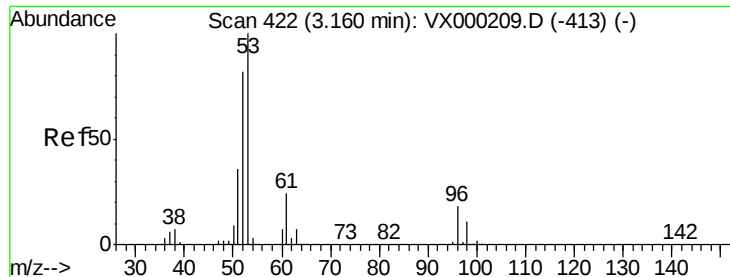


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 223.22 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000223.D

Acq: 08 Mar 2018 16:37

Instrument :

MSVOA_X

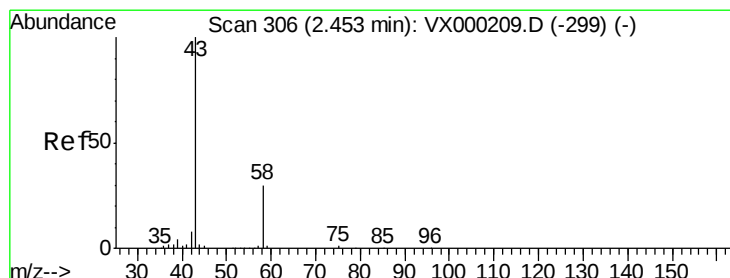
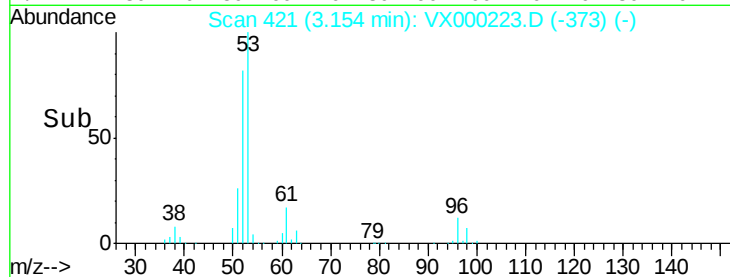
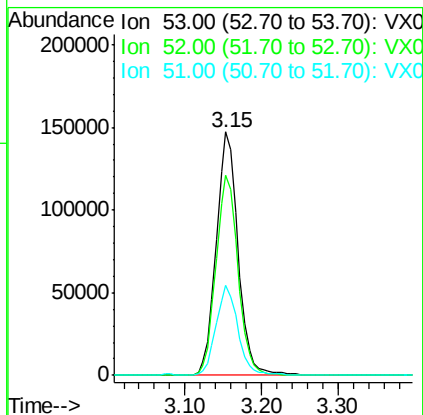
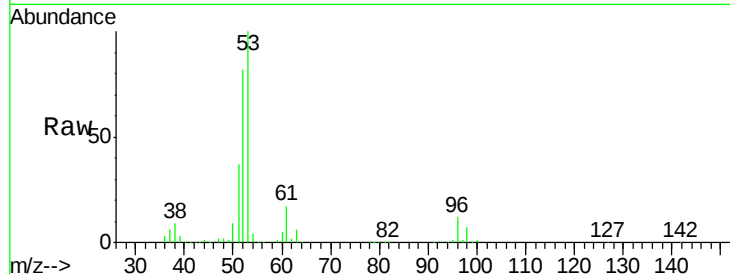
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	290517
Ion Ratio	Lower	Upper	
53	100		
52	83.4	66.3	99.5
51	37.3	29.6	44.4

Manual Integrations
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#16

Acetone

Concen: 247.80 ug/l

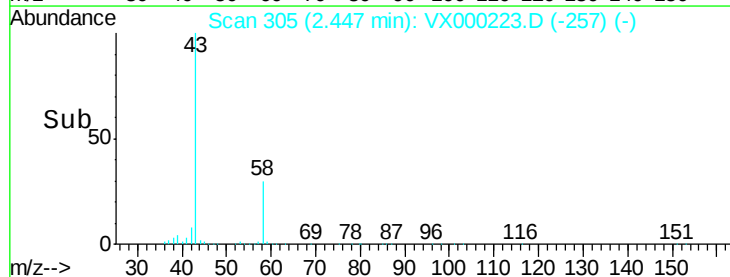
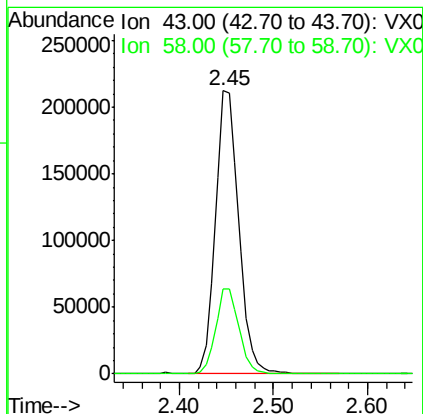
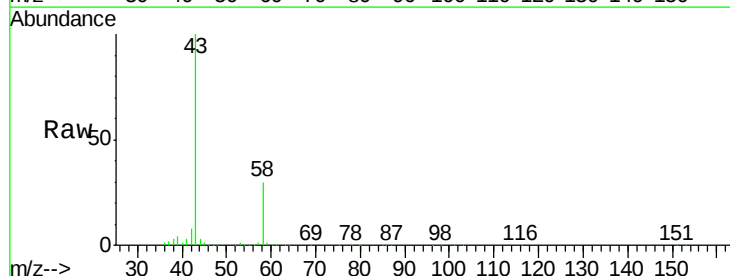
RT: 2.45 min Scan# 305

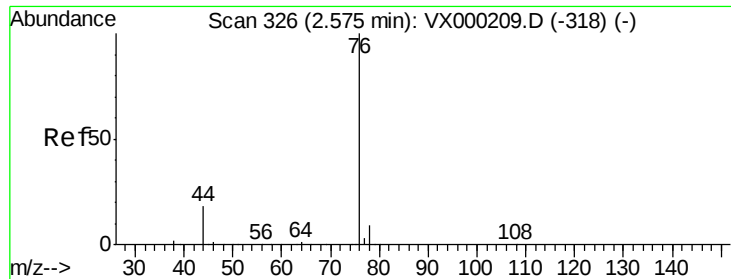
Delta R.T. -0.01 min

Lab File: VX000223.D

Acq: 08 Mar 2018 16:37

Tgt Ion:	43	Resp:	362194
Ion Ratio	Lower	Upper	
43	100		
58	29.9	23.8	35.6





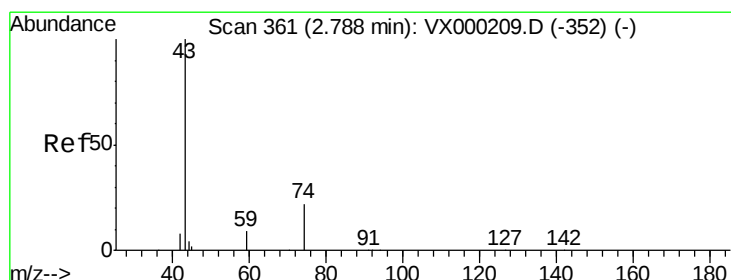
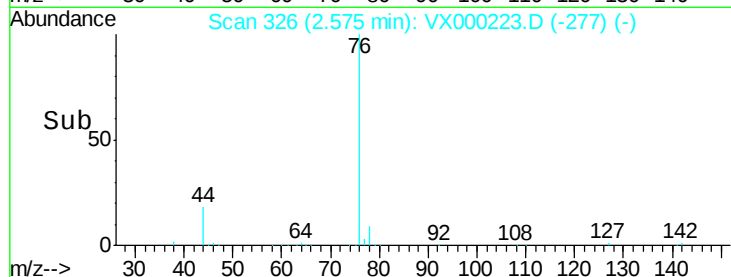
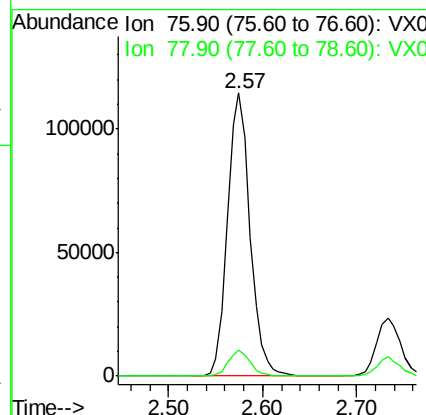
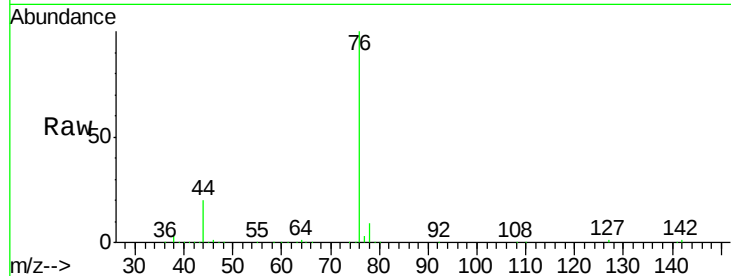
#17
Carbon Disulfide
Concen: 44.78 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 16:37

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.0	10.6

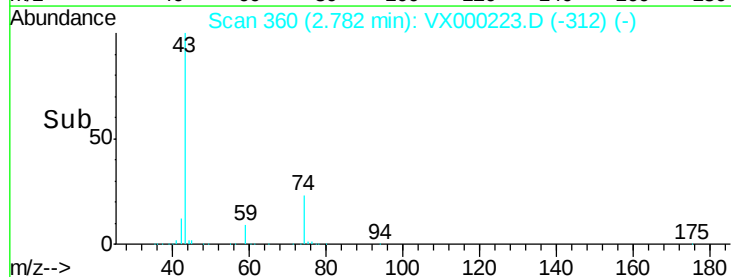
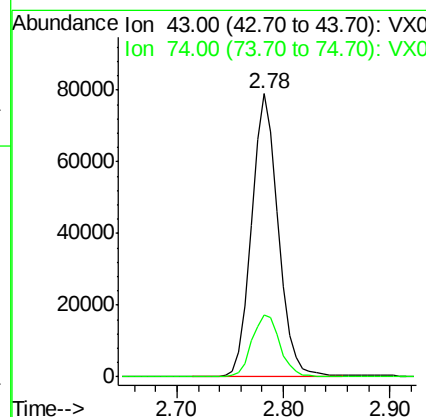
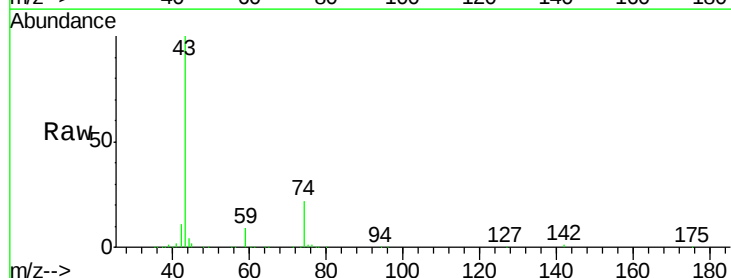
Manual Integrations
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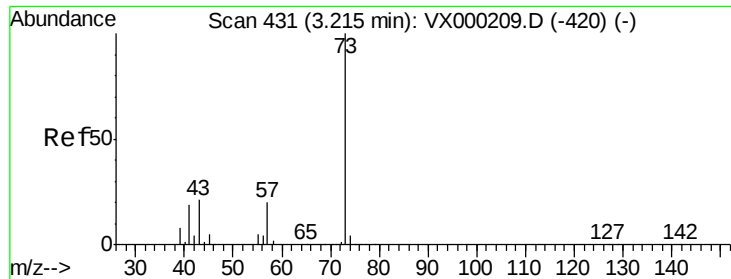
apatel
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#18
Methyl Acetate
Concen: 44.43 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000223.D
Acq: 08 Mar 2018 16:37

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.9	18.9	28.3





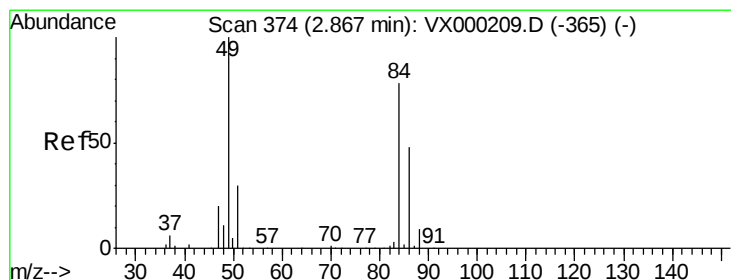
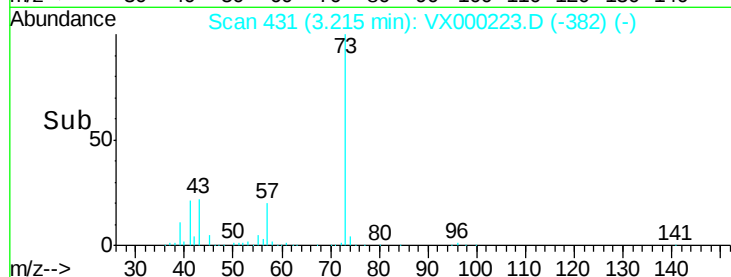
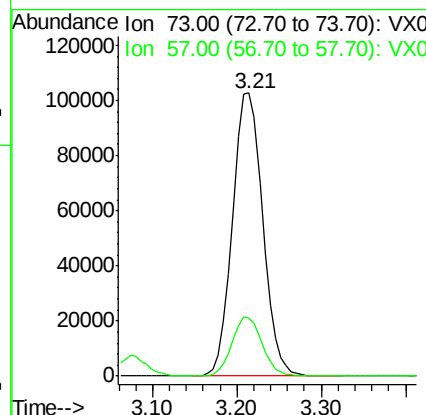
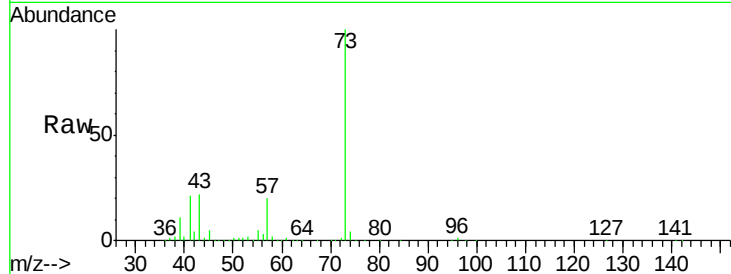
#19
Methyl tert-butyl Ether
Concen: 45.39 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 16:37

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.4	16.3	24.5

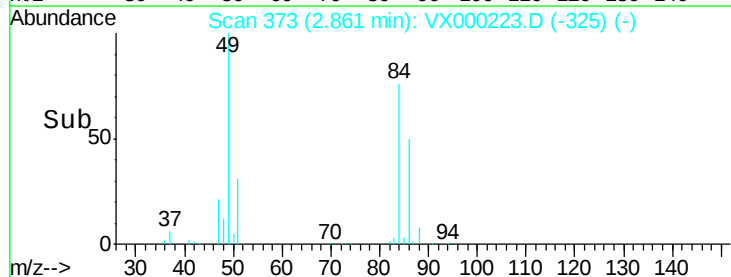
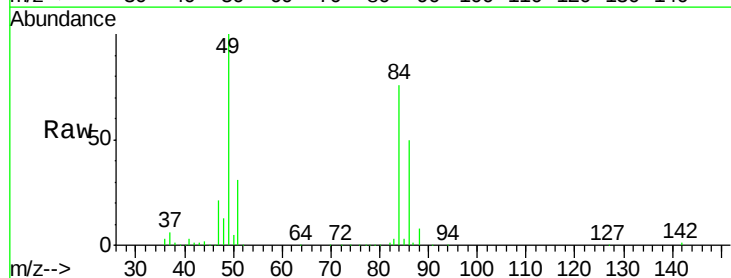
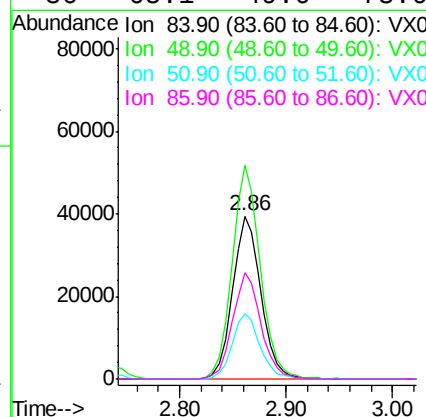
Manual Integrations
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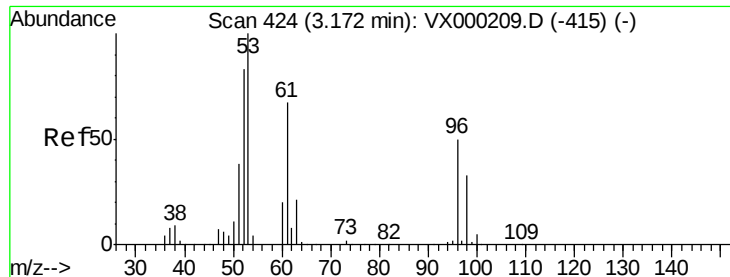
apatel
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#20
Methylene Chloride
Concen: 42.15 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000223.D
Acq: 08 Mar 2018 16:37

Tgt Ion	Ratio	Lower	Upper
84	100		
49	131.4	102.1	153.1
51	40.1	30.6	45.8
86	65.1	49.0	73.6





#21

trans-1,2-Dichloroethene

Concen: 44.84 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 16:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 76370

Ion Ratio Lower Upper

96 100

61 130.1 107.0 160.4

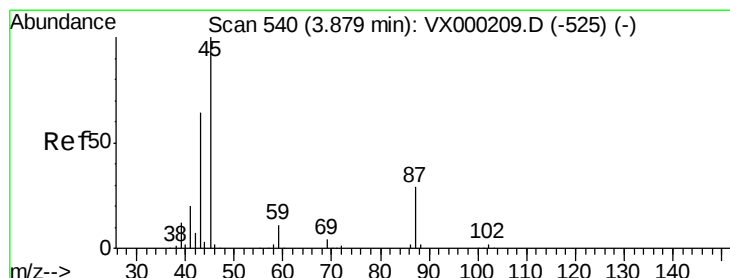
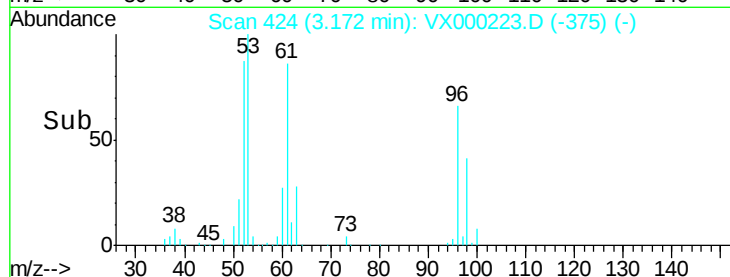
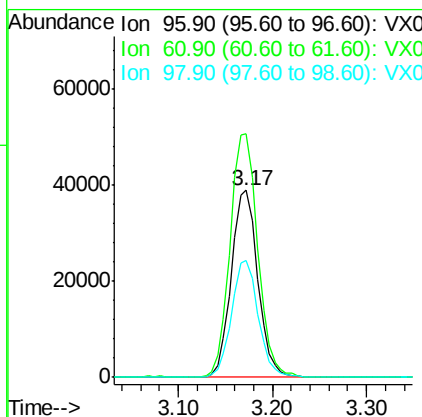
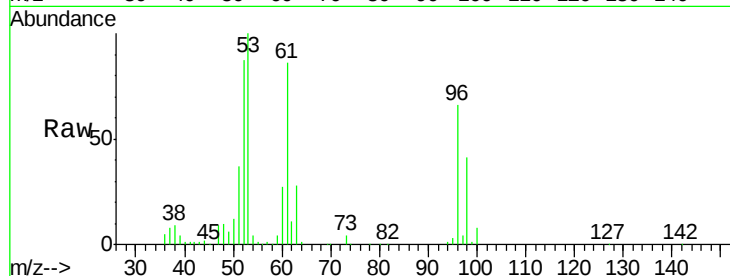
98 62.4 51.8 77.8

Manual Integrations

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#22

Diisopropyl ether

Concen: 49.53 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 16:37

Tgt Ion: 45 Resp: 243318

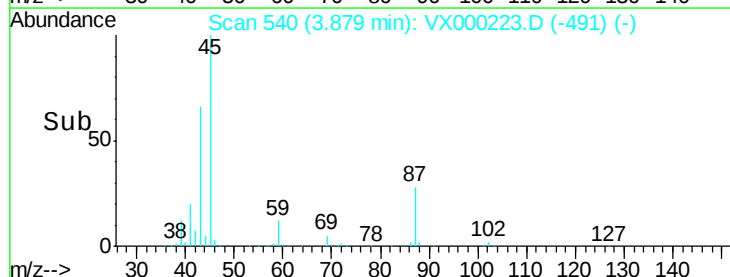
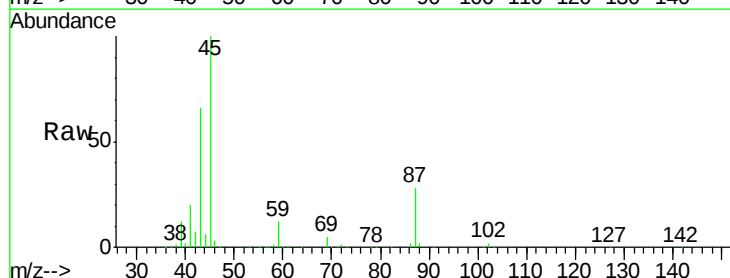
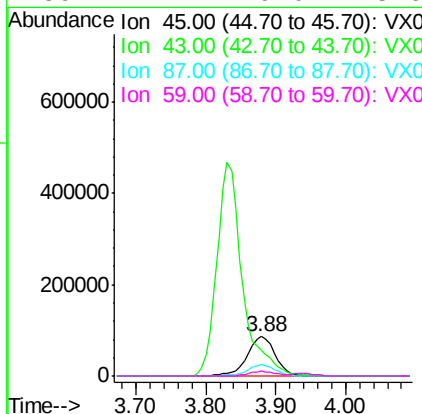
Ion Ratio Lower Upper

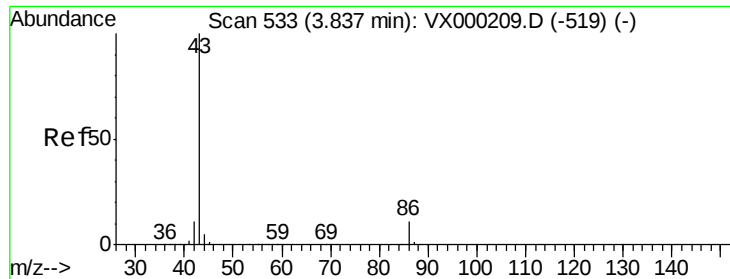
45 100

43 65.6 53.5 80.3

87 28.1 23.3 34.9

59 12.1 9.0 13.6





#23

Vinyl Acetate

Concen: 252.38 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000223.D

Acq: 08 Mar 2018 16:37

Instrument :

MSVOA_X

ClientSampleID :

VSTDCCC050

Tot Ion: 43 Resp: 1194819

Ion Ratio Lower Upper

43 100

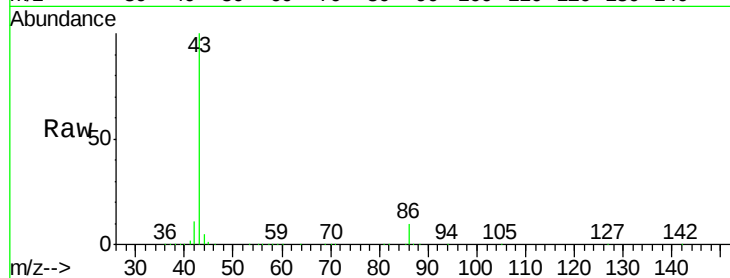
86 10.4 8.5 12.7

Manual Integrations

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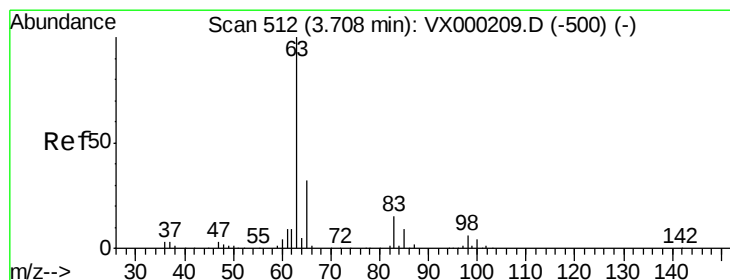
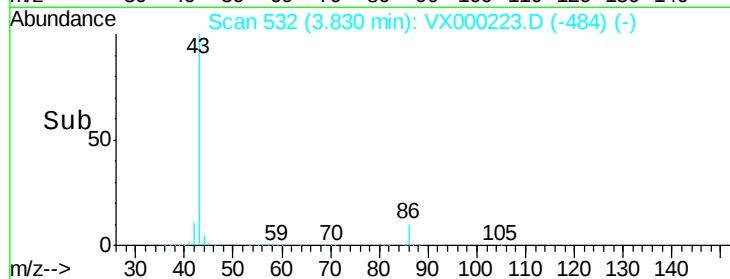
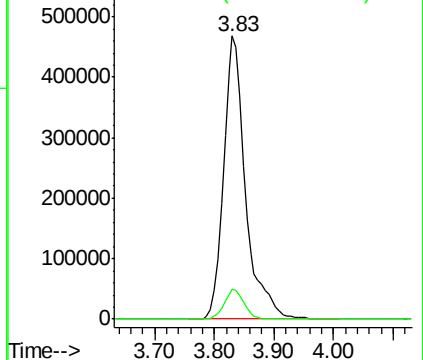
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 44.11 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000223.D

Acq: 08 Mar 2018 16:37

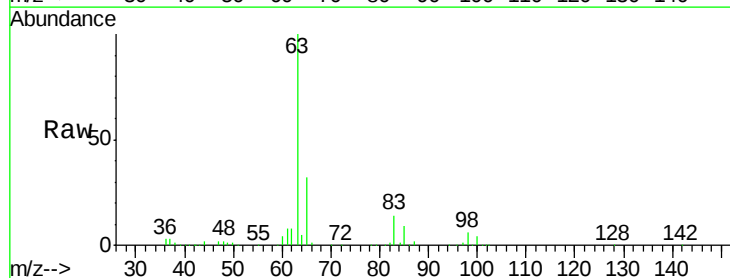
Tgt Ion: 63 Resp: 132847

Ion Ratio Lower Upper

63 100

98 5.9 3.1 9.4

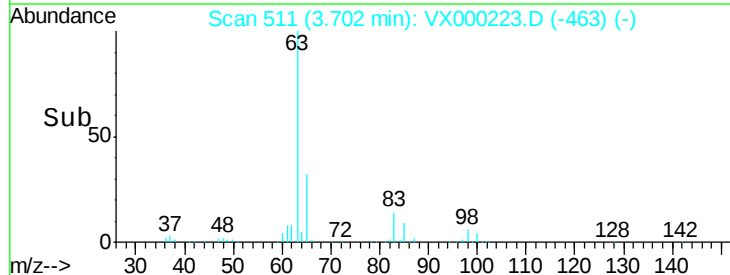
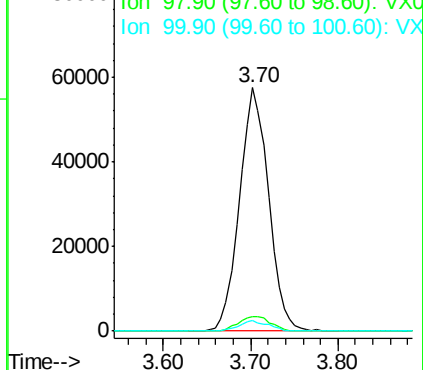
100 4.1 2.2 6.6

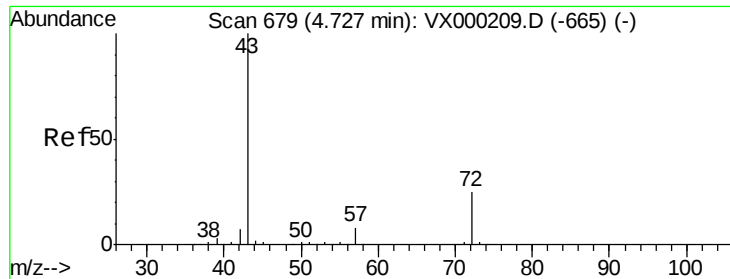


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 231.03 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX000223.D

Acq: 08 Mar 2018 16:37

Tot Ion: 43 Resp: 416723

Ion Ratio Lower Upper

43 100

72 26.5 20.2 30.2

Instrument :

MSVOA_X

ClientSampleId :

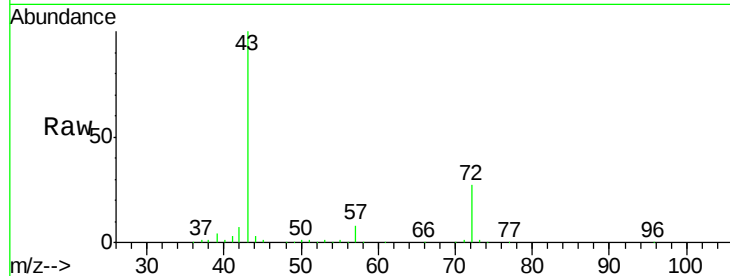
VSTDCCC050

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

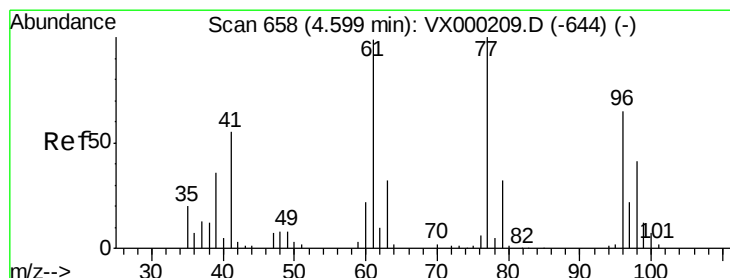
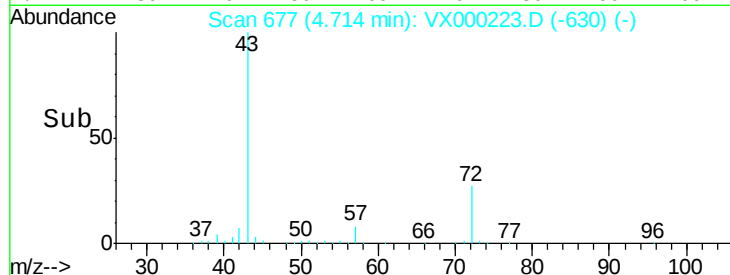
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 45.03 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000223.D

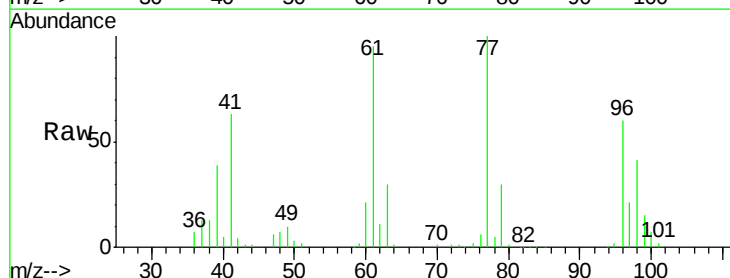
Acq: 08 Mar 2018 16:37

Tgt Ion: 77 Resp: 99116

Ion Ratio Lower Upper

77 100

97 22.7 11.4 34.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

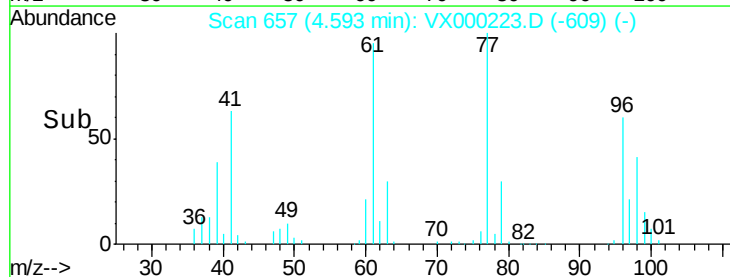
20000

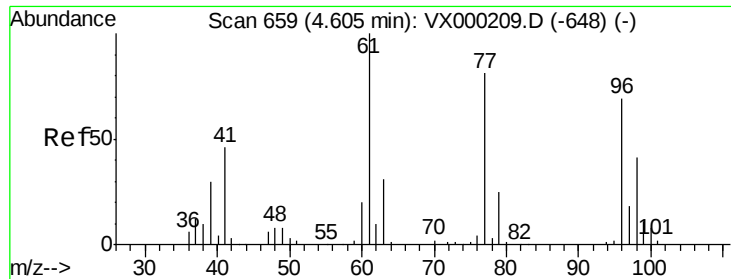
10000

0

4.50 4.60 4.70

Time-->





#27

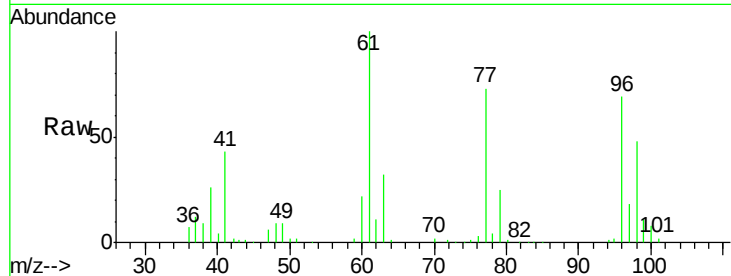
cis-1,2-Dichloroethene
Concen: 43.03 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 16:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	69489		
61	147.0		0.0	296.4
98	65.4		0.0	130.6

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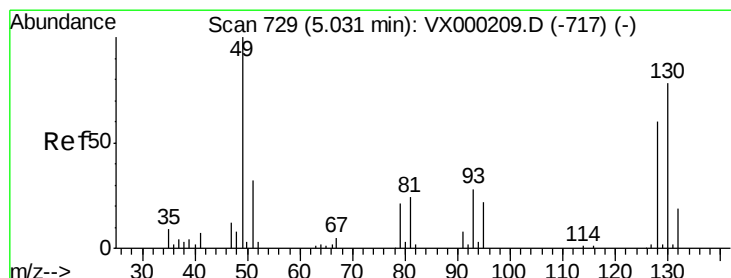
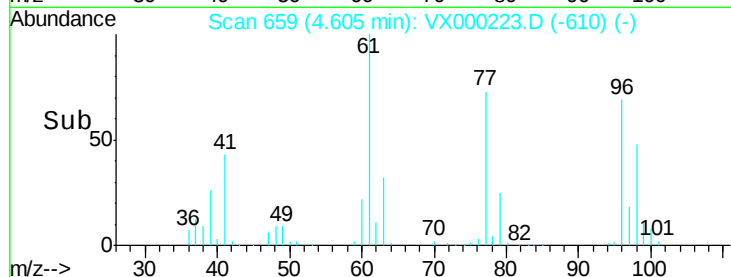
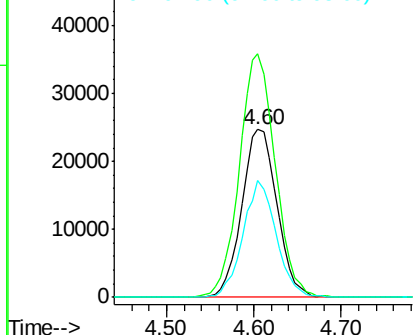


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

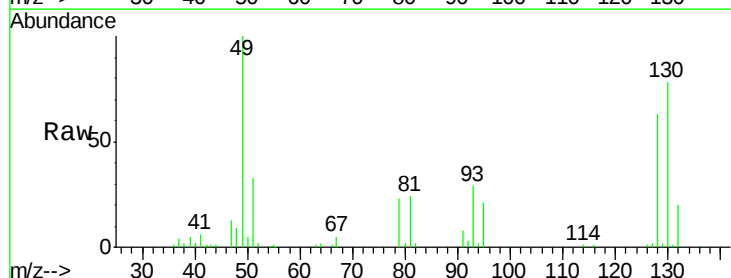
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 51.94 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.01 min
Lab File: VX000223.D
Acq: 08 Mar 2018 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	66481		
129	2.5		0.0	5.0
130	79.3		63.5	95.3

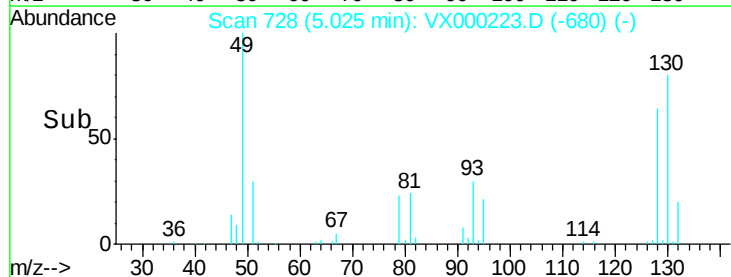
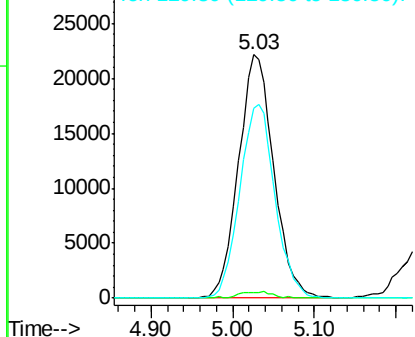


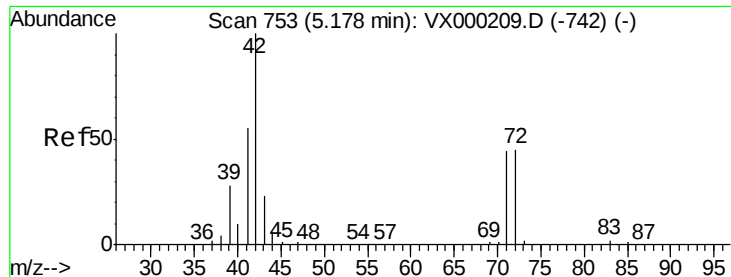
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





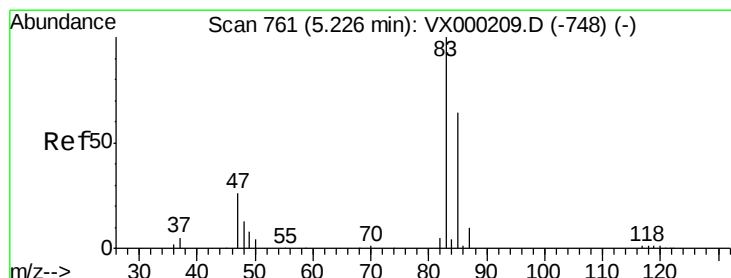
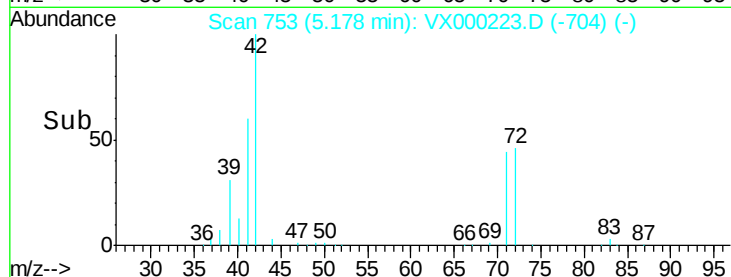
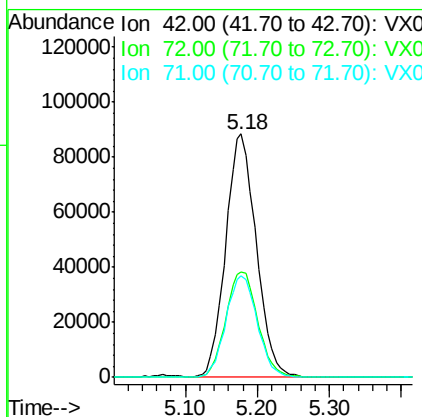
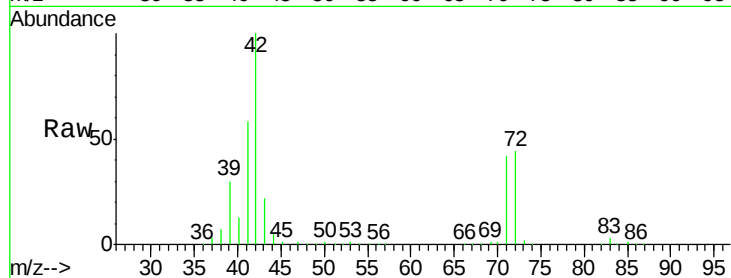
#29
Tetrahydrofuran
Concen: 229.73 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 16:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.6	37.3	55.9
71	42.8	35.0	52.4

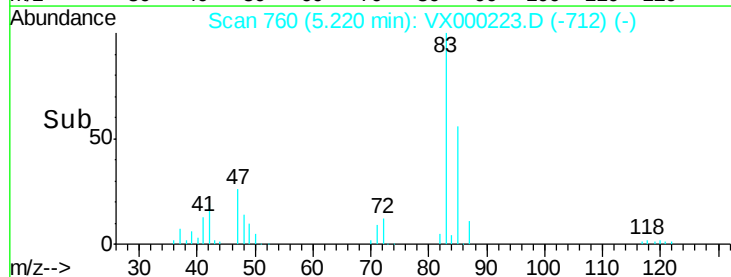
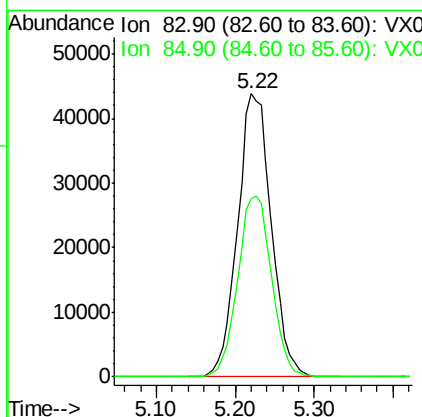
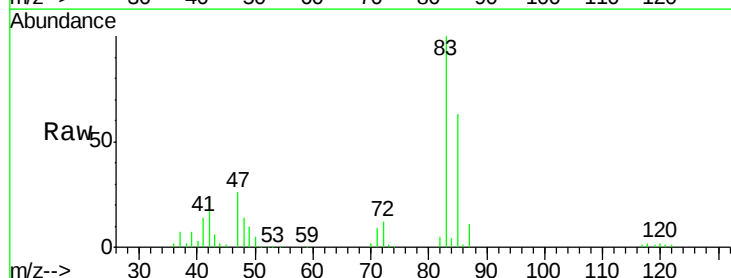
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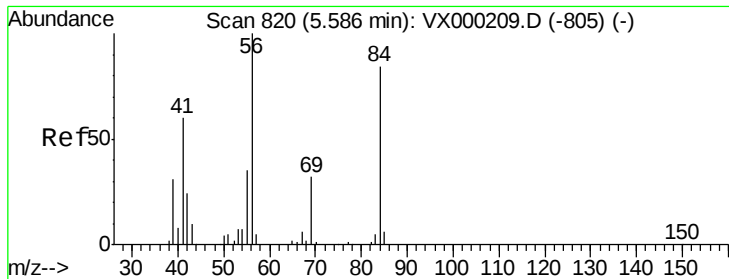
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#30
Chloroform
Concen: 44.73 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX000223.D
Acq: 08 Mar 2018 16:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.9	51.0	76.6





#31

Cyclohexane

Concen: 48.03 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 16:37

Instrument :

MSVOA_X

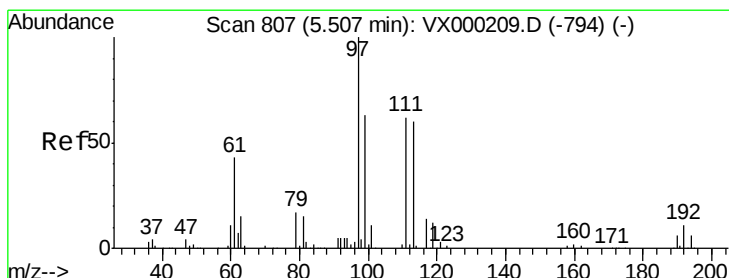
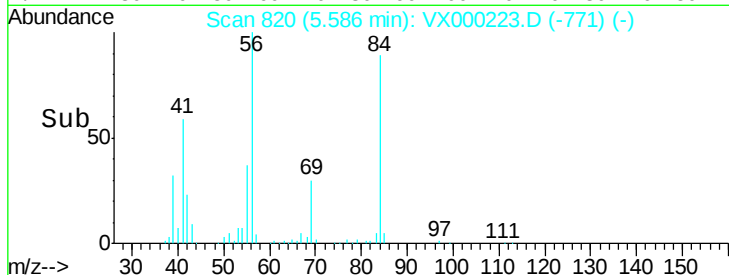
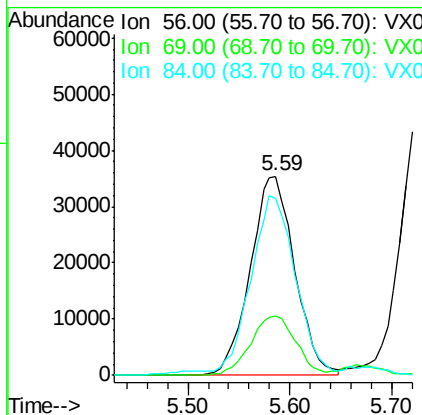
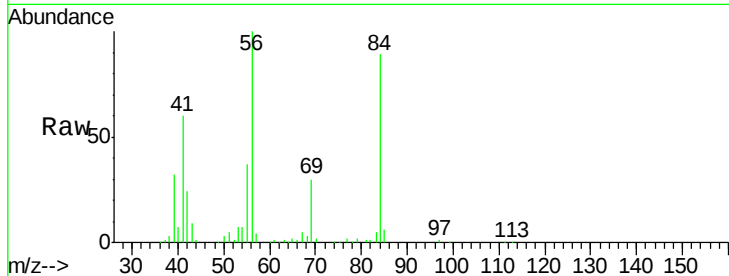
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	106952
Ion Ratio		Lower	Upper
56	100		
69	29.6	25.3	37.9
84	86.9	67.2	100.8

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#32

1,1,1-Trichloroethane

Concen: 46.27 ug/l

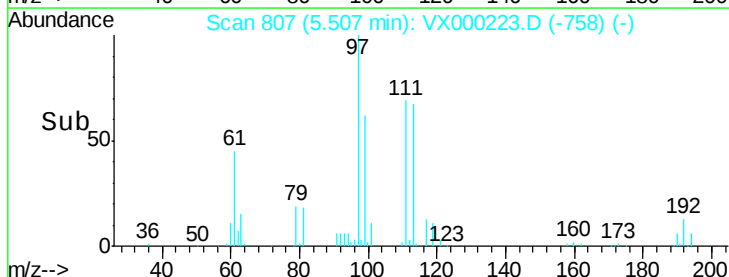
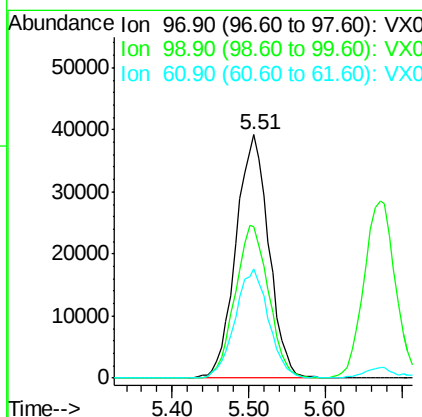
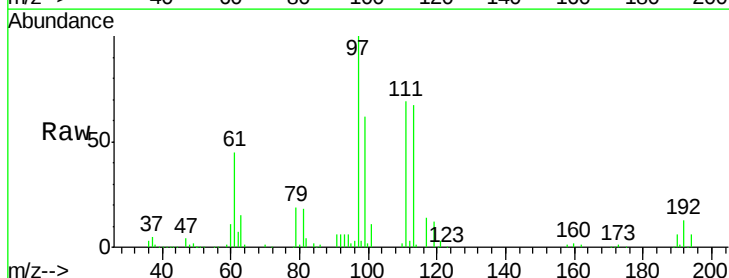
RT: 5.51 min Scan# 807

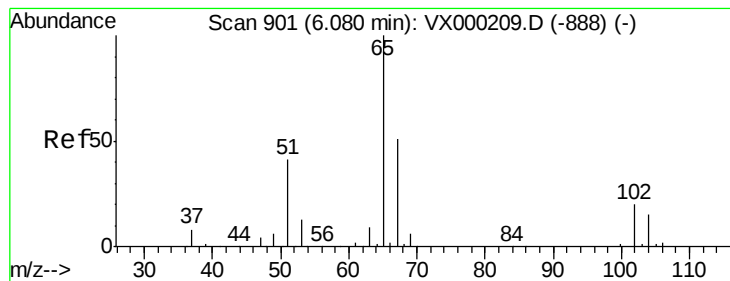
Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 16:37

Tgt Ion:	97	Resp:	116806
Ion Ratio		Lower	Upper
97	100		
99	63.8	50.9	76.3
61	45.7	35.4	53.0





#33

1,2-Dichloroethane-d4

Concen: 49.12 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX000223.D

Acq: 08 Mar 2018 16:37

Tot Ion: 65 Resp: 99982

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.4

Instrument :

MSVOA_X

ClientSampleId :

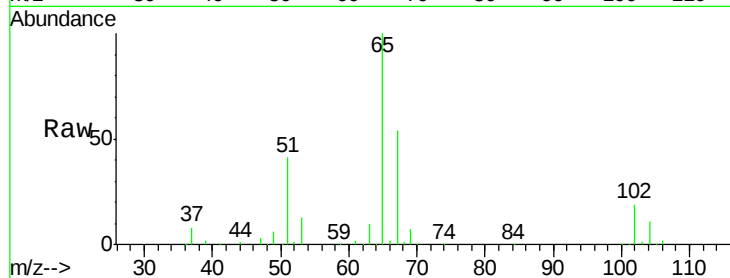
VSTDCCC050

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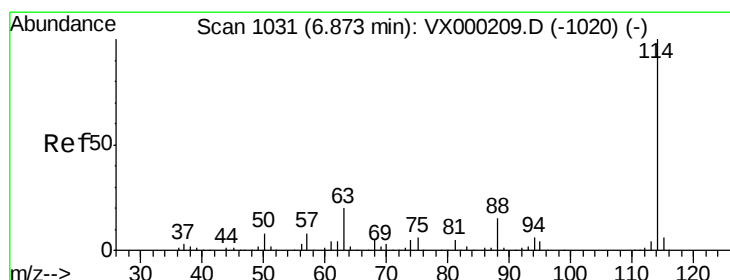
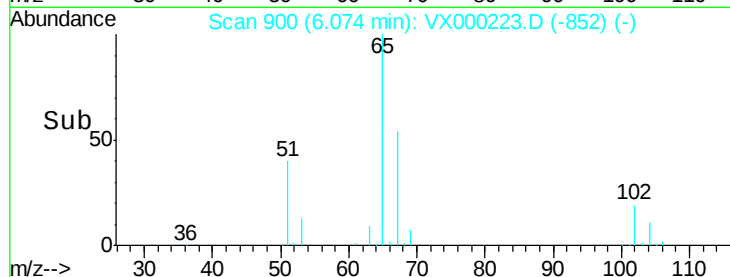
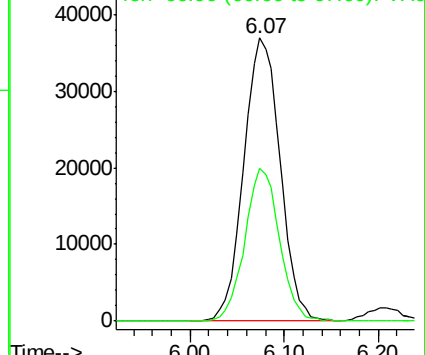
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VX000223.D

Acq: 08 Mar 2018 16:37

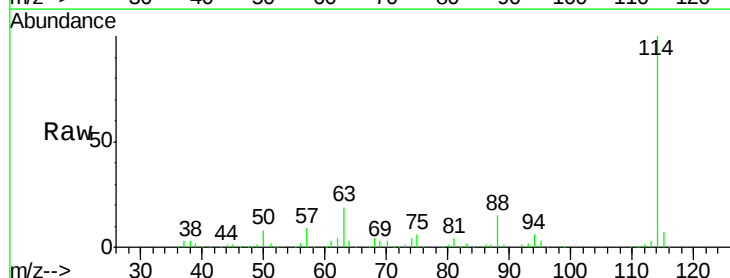
Tgt Ion: 114 Resp: 244052

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.2

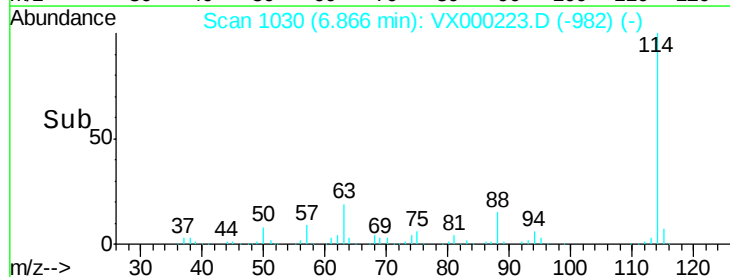
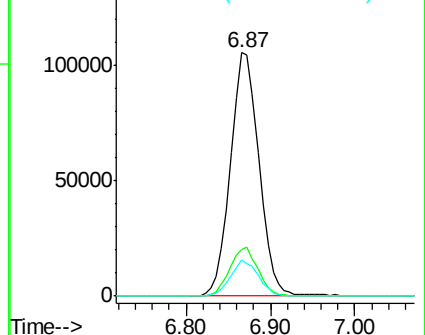
88 14.9 0.0 29.8

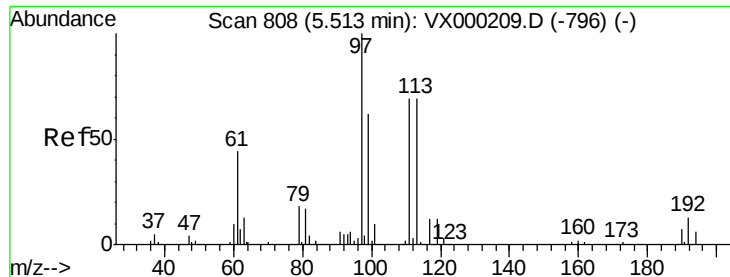


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.98 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 16:37

Instrument :

MSVOA_X

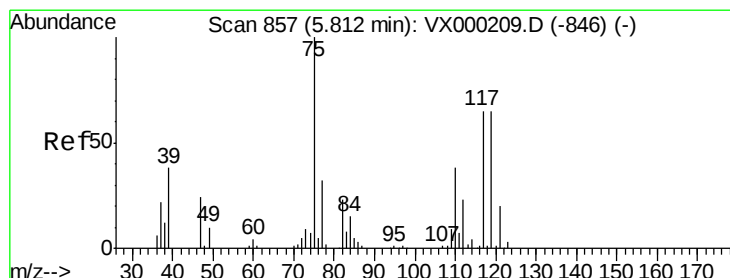
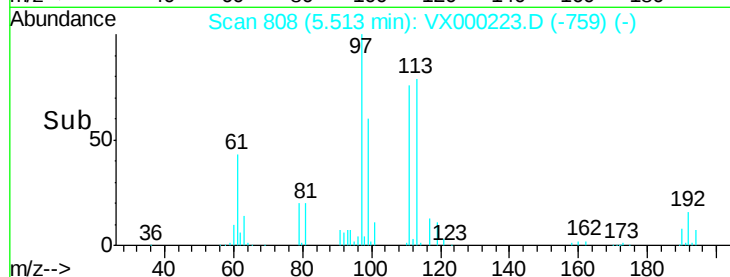
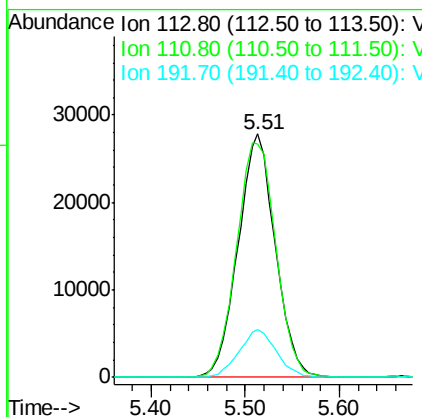
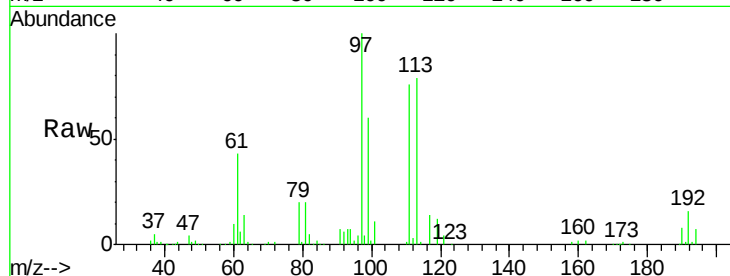
ClientSampled :

VSTDCCC050

Tot Ion:	113	Resp:	76628
Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.0	124.6
192	19.7	15.5	23.3

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#36

1,1-Dichloropropene

Concen: 45.72 ug/l

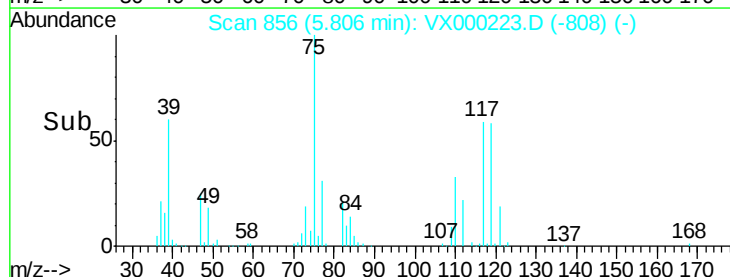
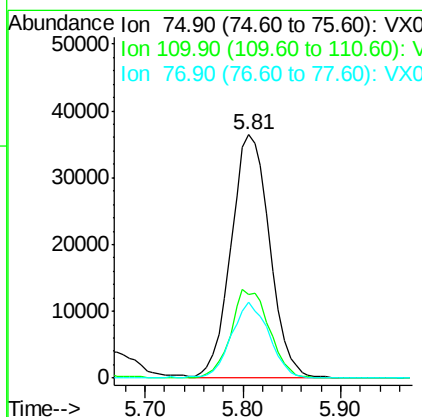
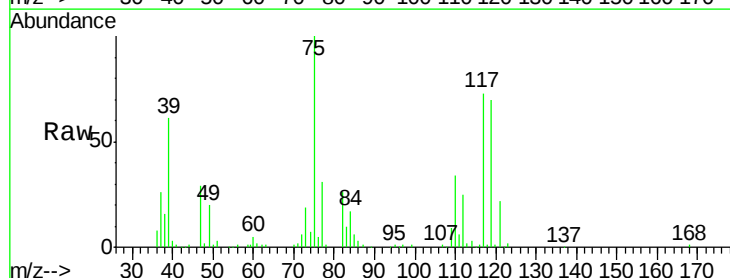
RT: 5.81 min Scan# 856

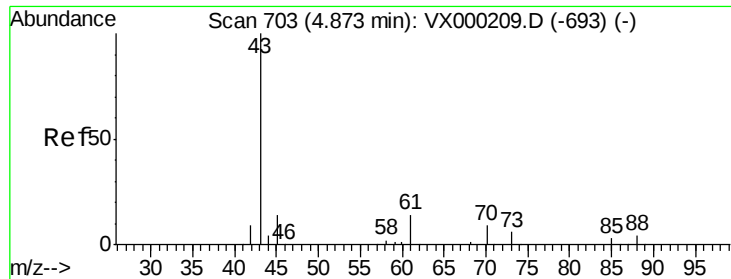
Delta R.T. -0.01 min

Lab File: VX000223.D

Acq: 08 Mar 2018 16:37

Tgt Ion:	75	Resp:	99281
Ion	Ratio	Lower	Upper
75	100		
110	36.4	17.8	53.5
77	30.7	24.9	37.3





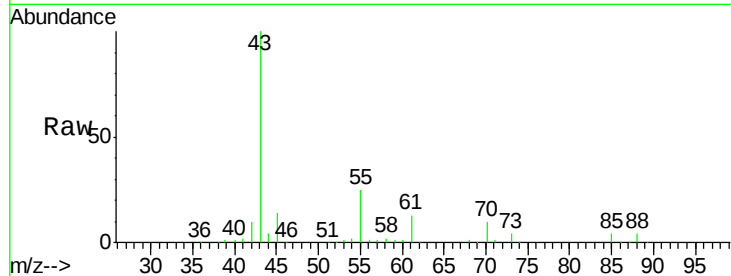
#37
Ethyl Acetate
Concen: 43.51 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 16:37

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

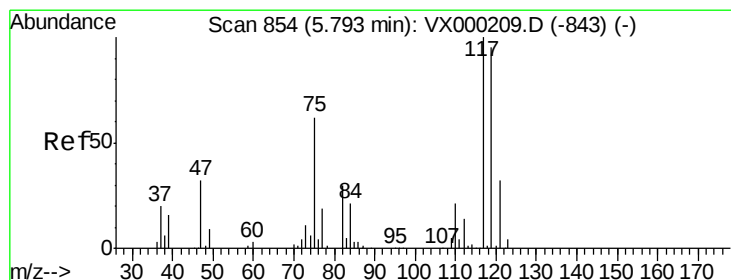
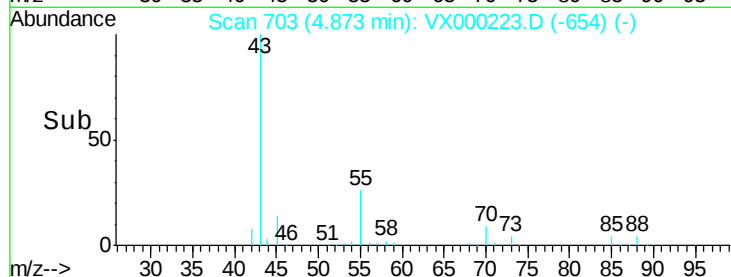
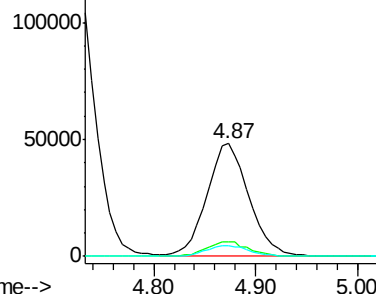
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.0	16.6
70	9.8	7.8	11.6

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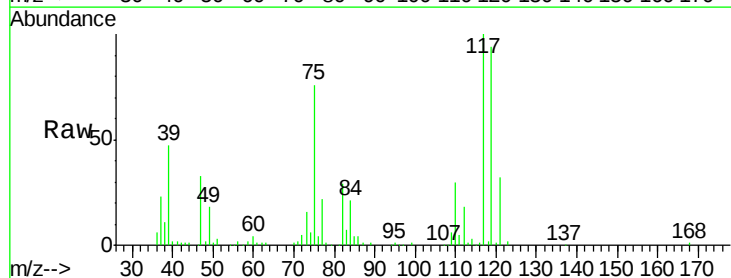


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

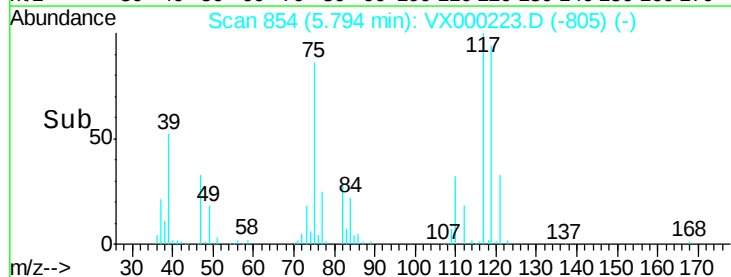
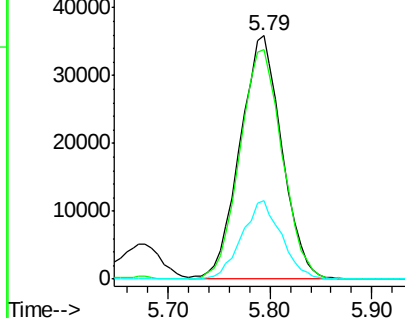


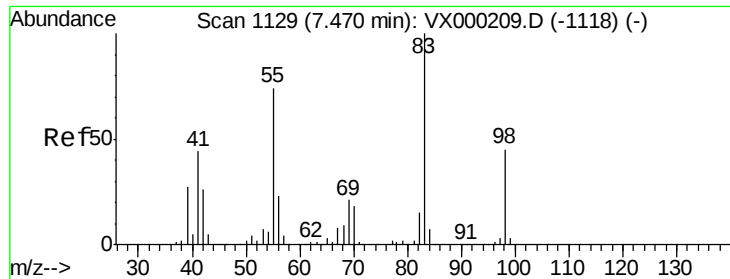
#38
Carbon Tetrachloride
Concen: 46.51 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 16:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	75.9	113.9
121	32.2	25.8	38.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





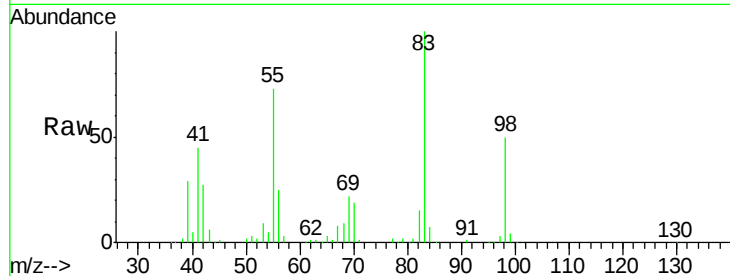
#39
Methvlcvclohexane
Concen: 46.63 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 16:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

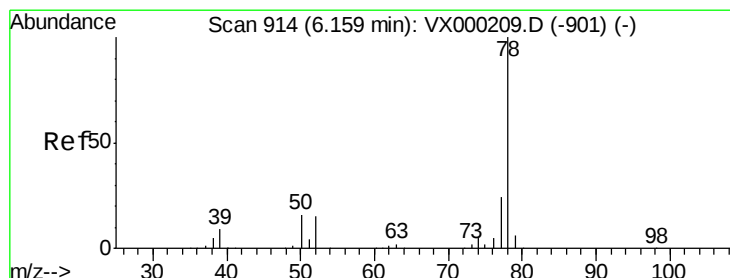
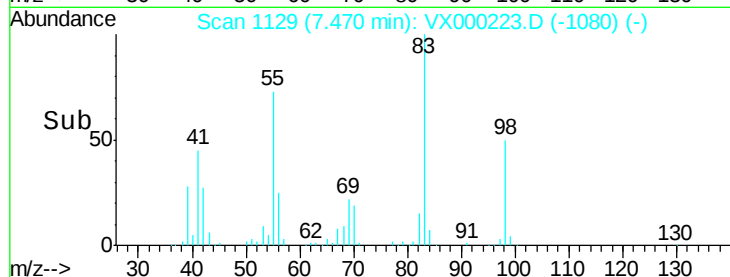
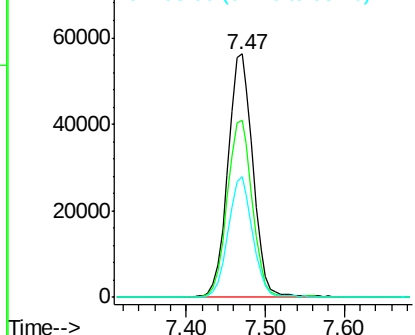
Tot Ion	Ratio	Lower	Upper
83	100		
55	72.8	59.4	89.0
98	49.6	36.3	54.5

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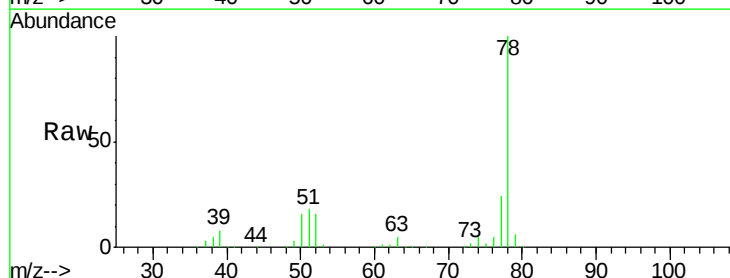


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

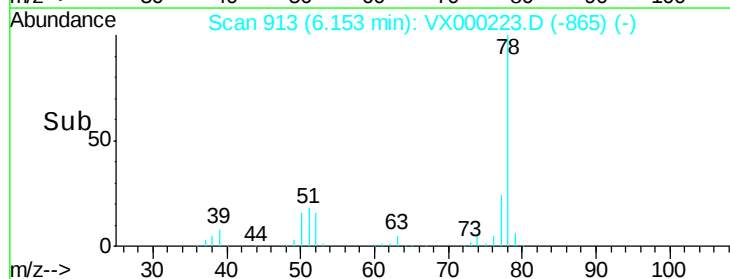
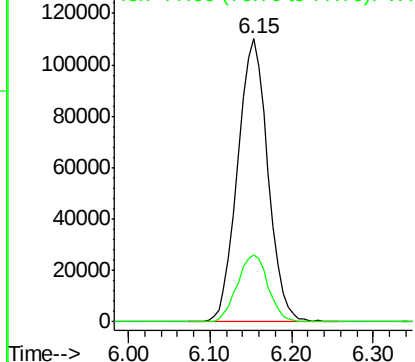


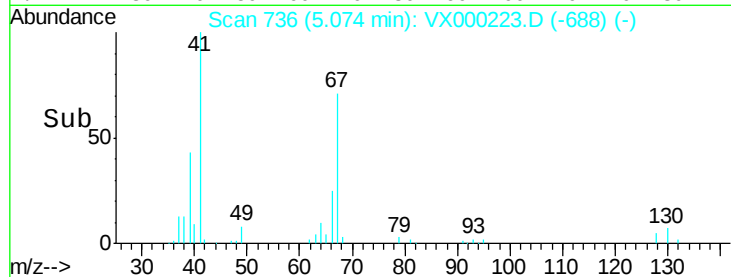
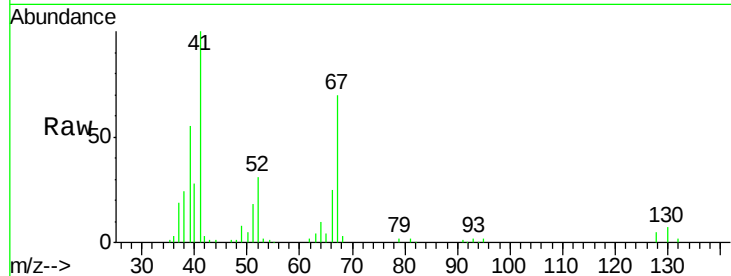
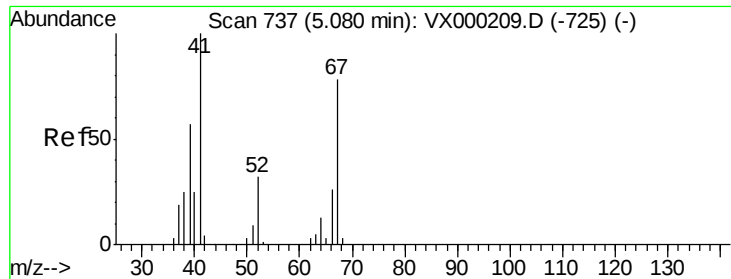
#40
Benzene
Concen: 45.31 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.01 min
Lab File: VX000223.D
Acq: 08 Mar 2018 16:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.4	29.2



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 44.30 ug/l

RT: 5.07 min Scan# 736

Delta R.T. -0.01 min

Lab File: VX000223.D

Acq: 08 Mar 2018 16:37

Tot Ion:	41	Resp:	70859
Ion	Ratio	Lower	Upper
41	100		
39	57.6	47.8	71.6
67	73.7	59.3	88.9
52	31.3	26.4	39.6

Instrument :

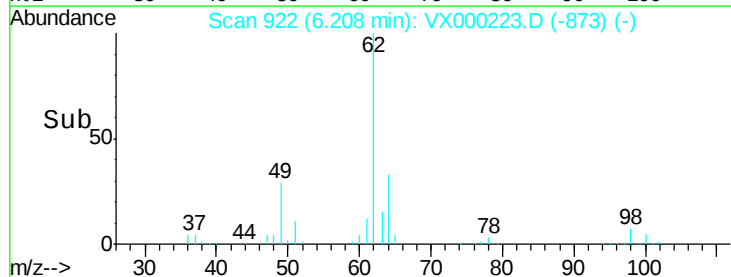
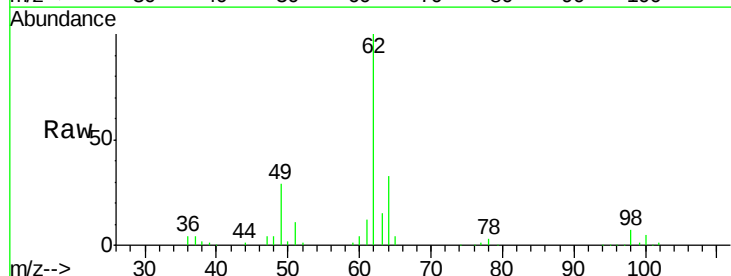
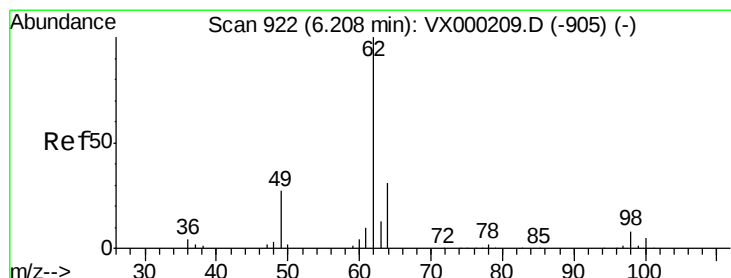
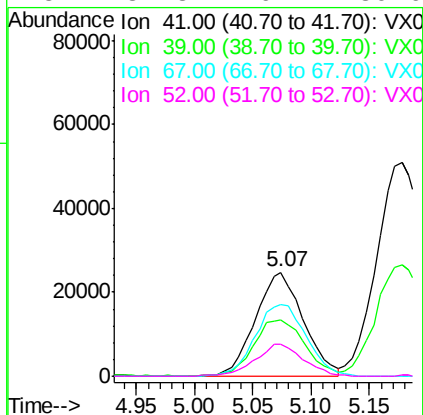
MSVOA_X

ClientSampleId :

VSTDCCC050

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#42

1,2-Dichloroethane

Concen: 45.69 ug/l

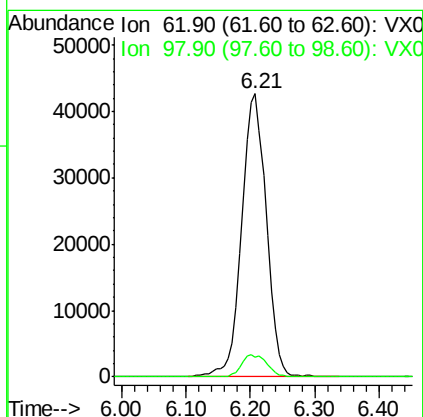
RT: 6.21 min Scan# 922

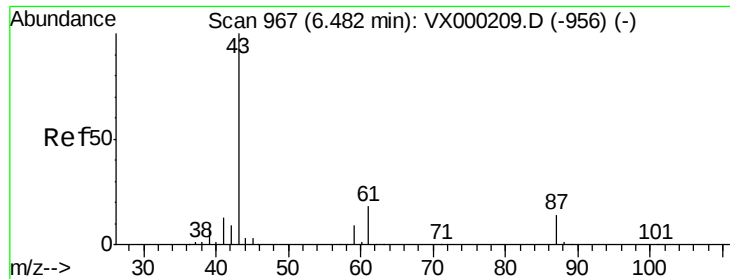
Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 16:37

Tgt Ion:	62	Resp:	112234
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.2





#43

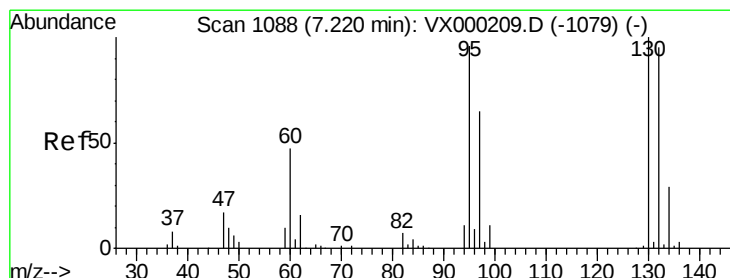
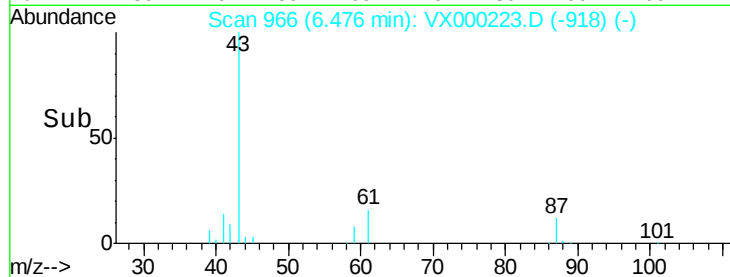
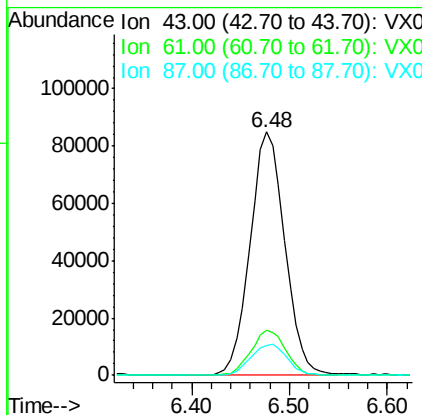
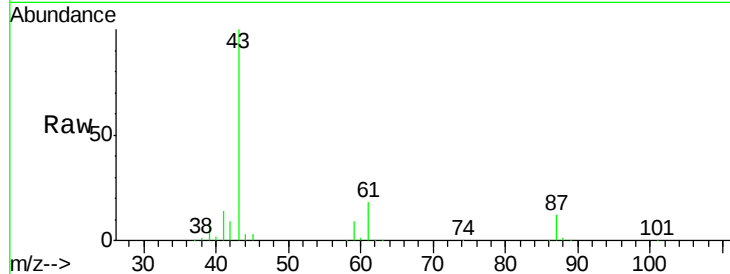
Isopropyl Acetate
 Concen: 45.98 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: VX000223.D
 Acq: 08 Mar 2018 16:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	43	61	87
Resp	208624		
Ratio	100	18.8	13.3
Lower		14.8	10.6
Upper		22.2	16.0

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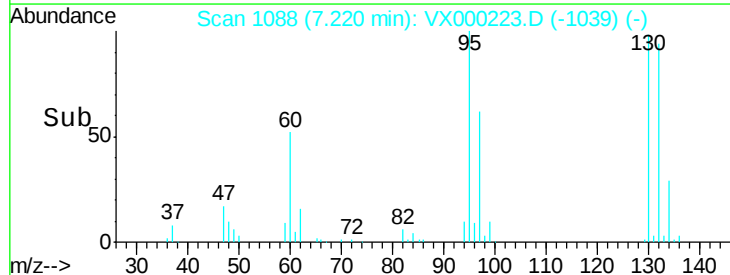
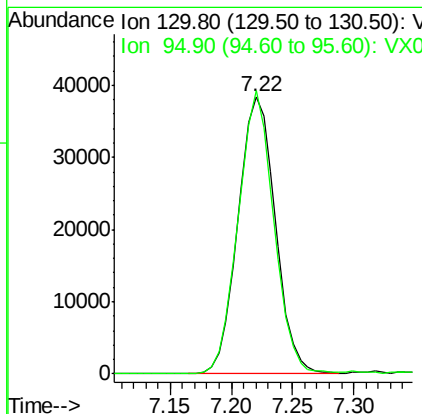
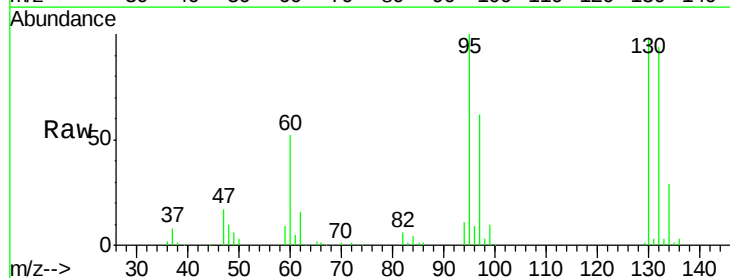
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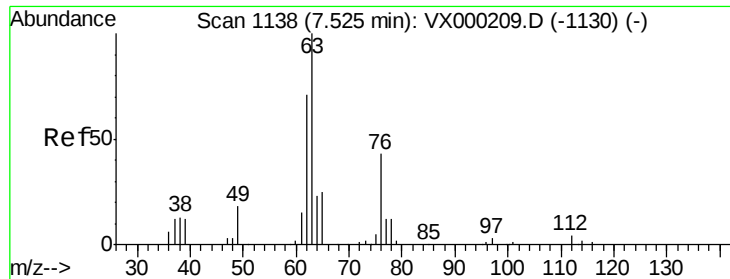


#44

Trichloroethene
 Concen: 45.59 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX000223.D
 Acq: 08 Mar 2018 16:37

Tgt Ion	130	95
Resp	81721	
Ratio	100	102.0
Lower		0.0
Upper		191.8





#45

1,2-Dichloropropane

Concen: 45.08 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 16:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 71504

Ion Ratio Lower Upper

63 100

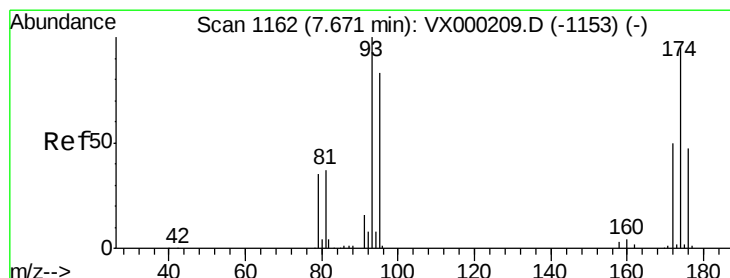
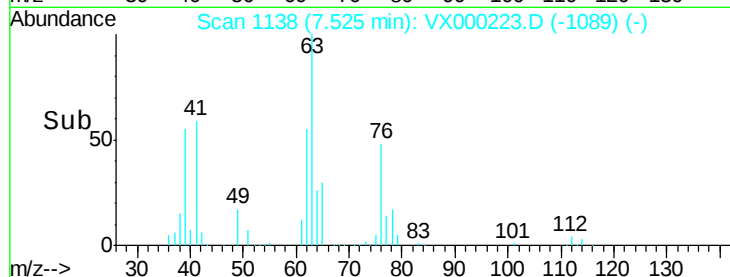
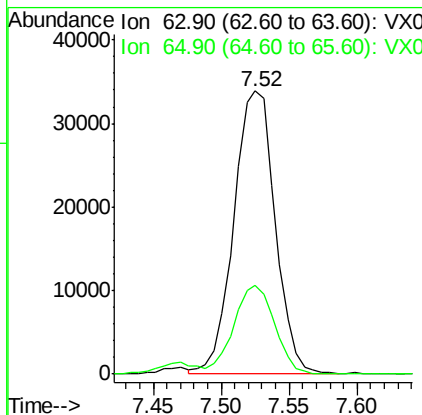
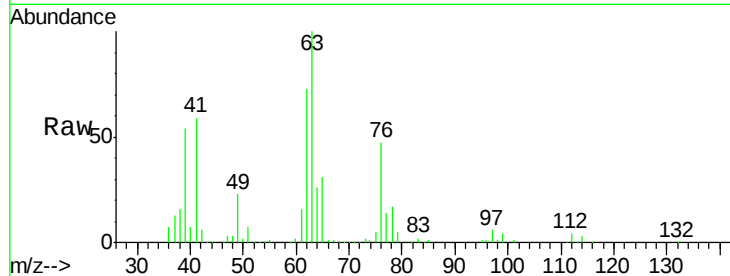
65 31.3 22.3 33.5

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#46

Dibromomethane

Concen: 44.99 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 16:37

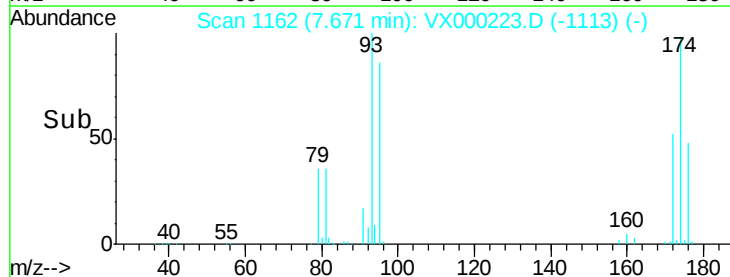
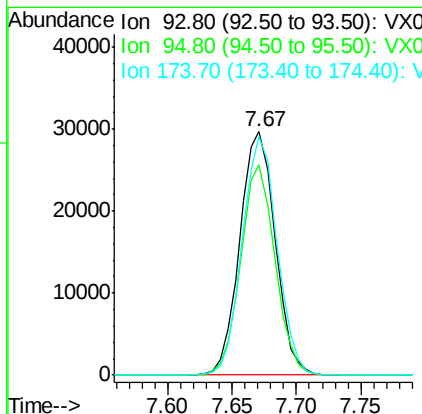
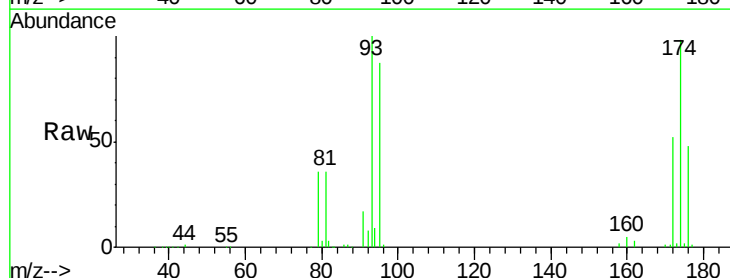
Tgt Ion: 93 Resp: 56464

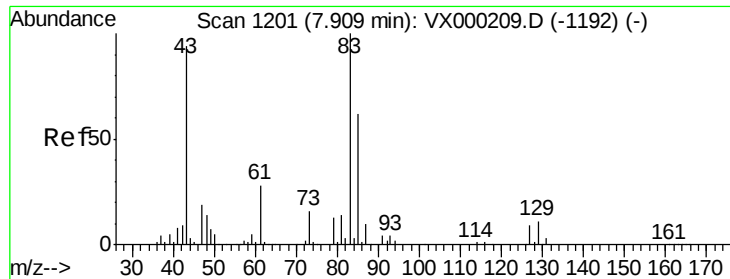
Ion Ratio Lower Upper

93 100

95 83.8 64.1 96.1

174 96.2 75.8 113.8





#47

Bromodichloromethane

Concen: 47.85 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 16:37

Instrument :

MSVOA_X

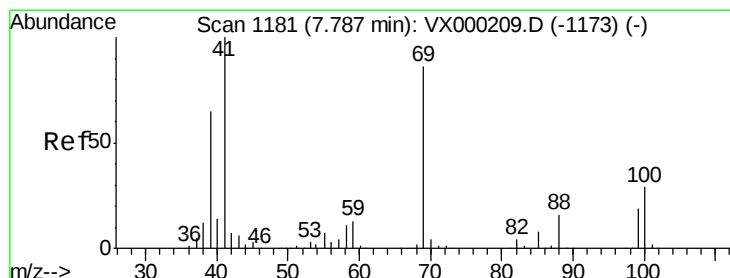
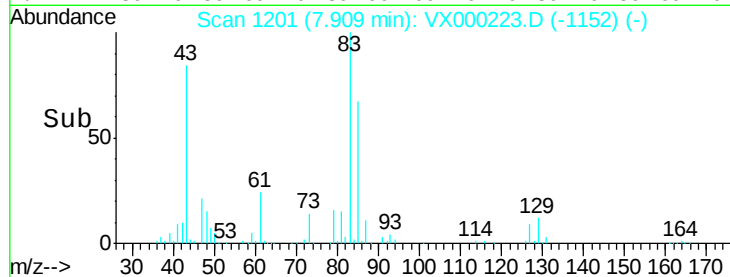
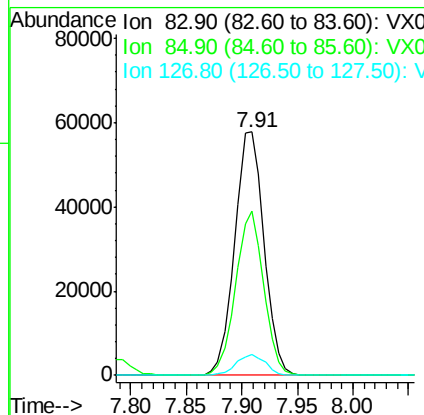
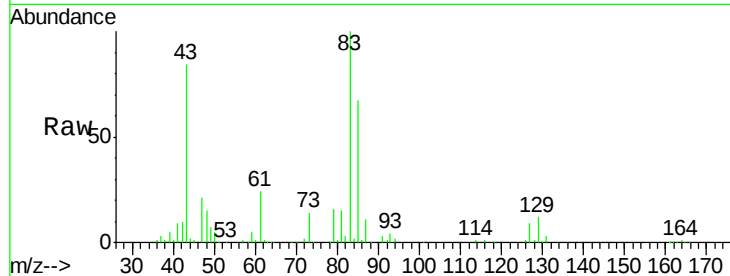
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	105638
Ion	Ratio	Lower	Upper
83	100		
85	67.4	49.6	74.4
127	8.5	7.0	10.4

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#48

Methyl methacrylate

Concen: 46.68 ug/l

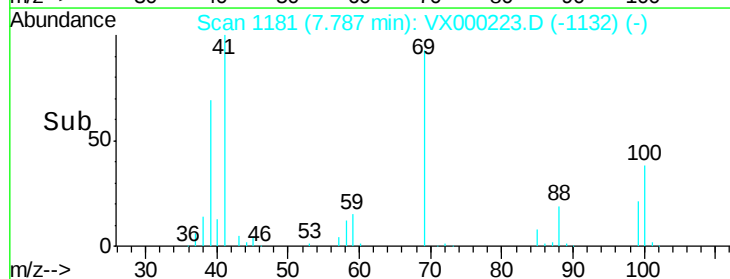
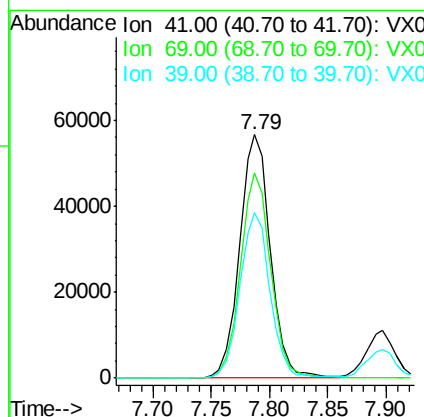
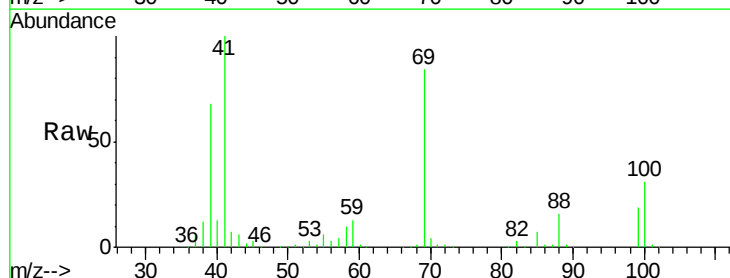
RT: 7.79 min Scan# 1181

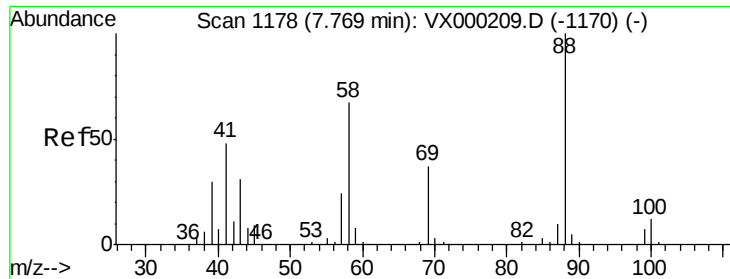
Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 16:37

Tgt Ion:	41	Resp:	104335
Ion	Ratio	Lower	Upper
41	100		
69	83.4	70.0	105.0
39	66.6	53.6	80.4





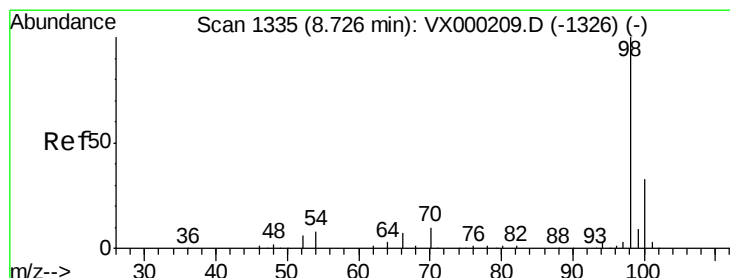
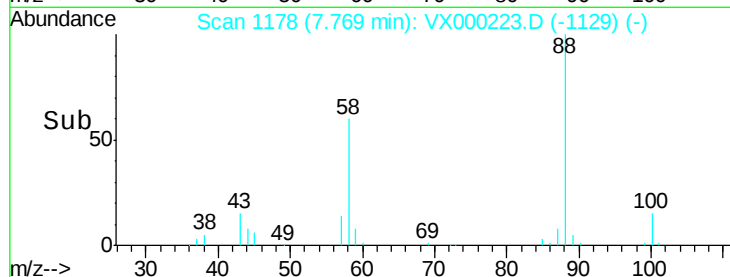
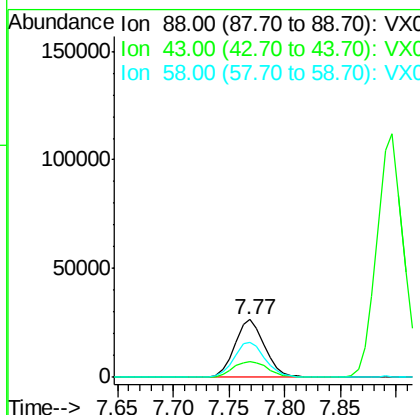
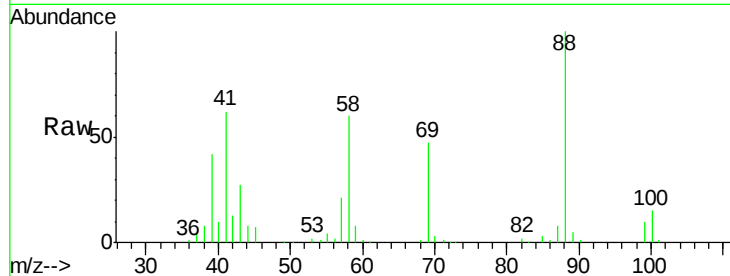
#49
1,4-Dioxane
Concen: 968.57 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 16:37

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	88	Resp	49140
Ion Ratio	Lower	Upper	
88	100		
43	32.3	26.9	40.3
58	63.1	52.2	78.4

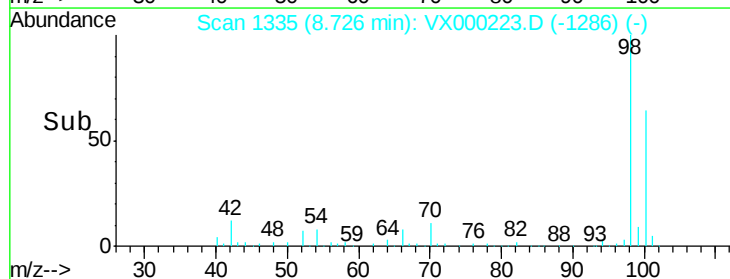
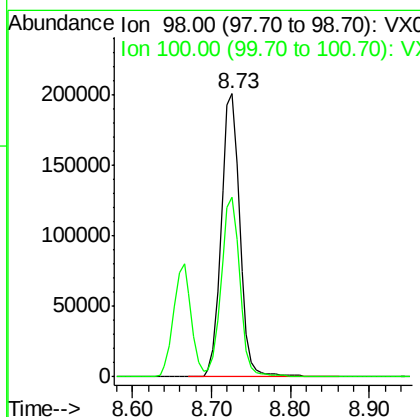
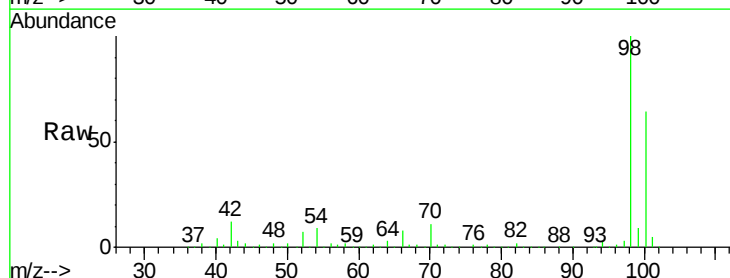
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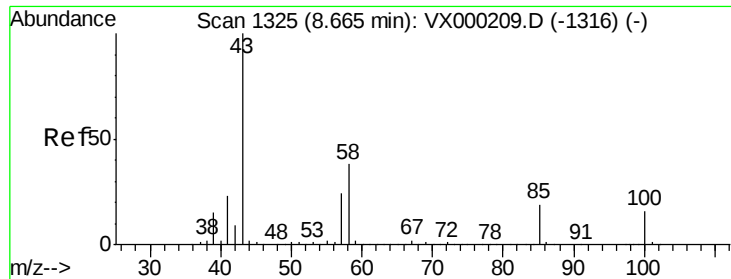
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#50
Toluene-d8
Concen: 51.77 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 16:37

Tgt Ion	98	Resp	328739
Ion Ratio	Lower	Upper	
98	100		
100	63.8	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 240.51 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.01 min

Lab File: VX000223.D

Acq: 08 Mar 2018 16:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 823689

Ion Ratio Lower Upper

43 100

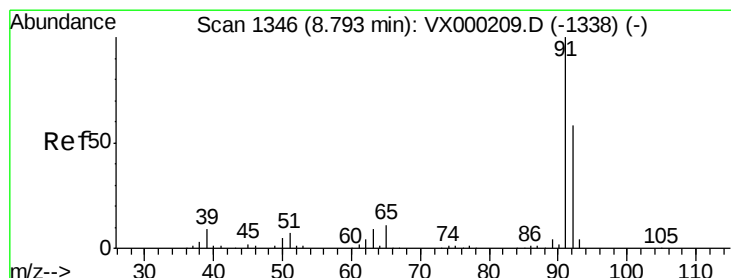
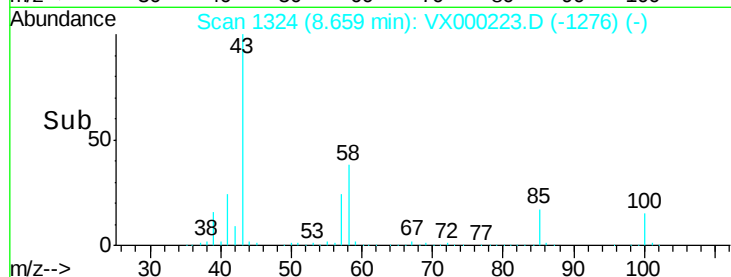
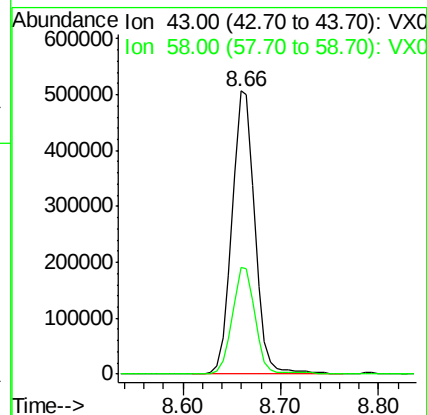
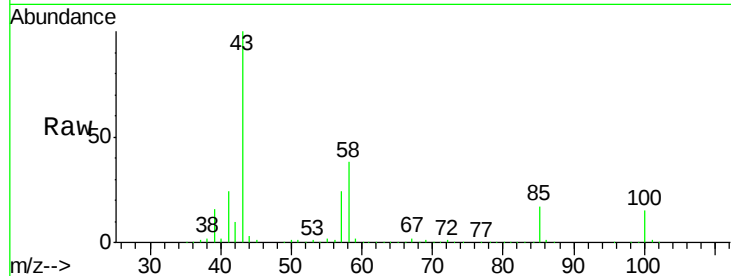
58 37.2 30.2 45.2

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#52

Toluene

Concen: 48.00 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000223.D

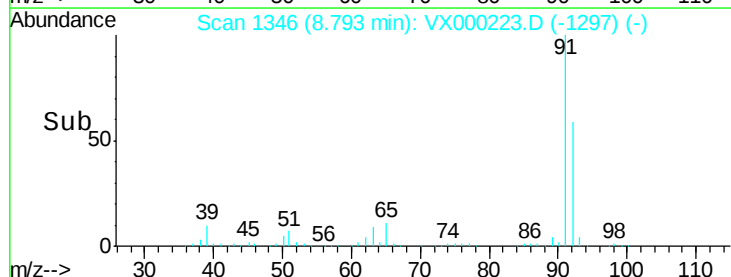
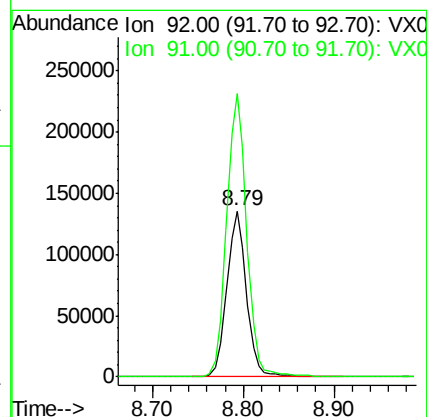
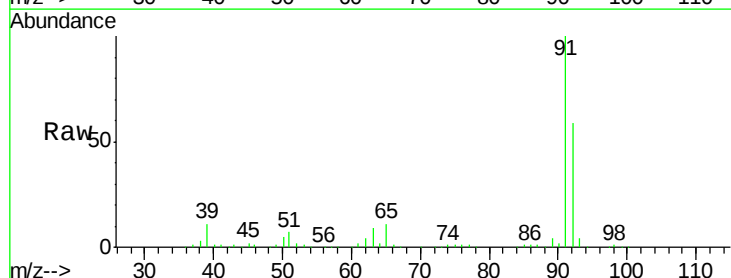
Acq: 08 Mar 2018 16:37

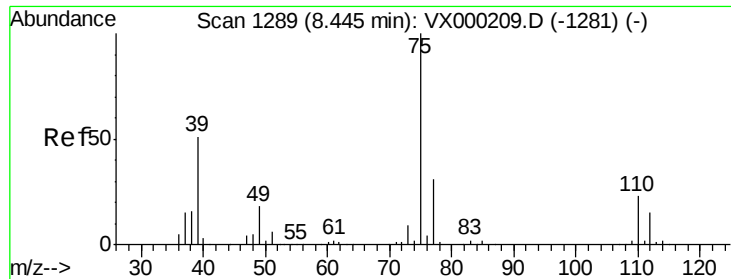
Tgt Ion: 92 Resp: 206061

Ion Ratio Lower Upper

92 100

91 175.2 139.0 208.6





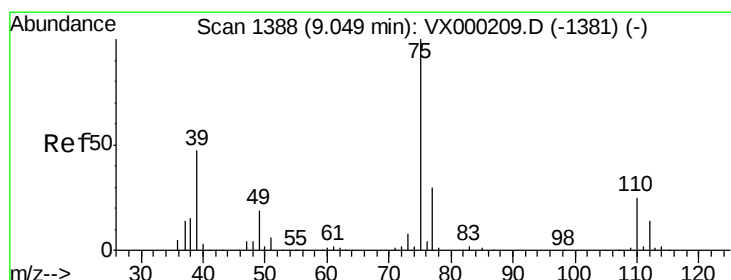
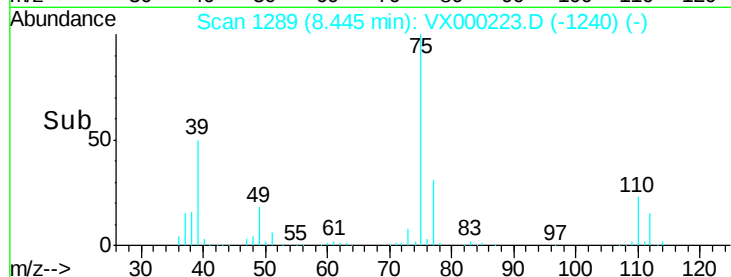
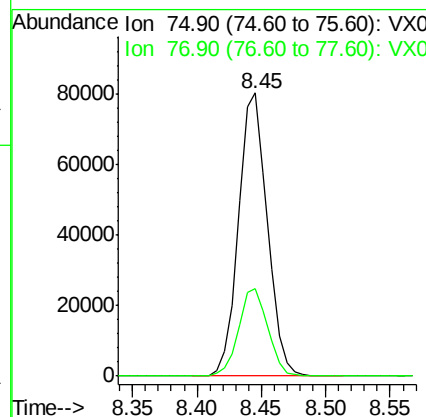
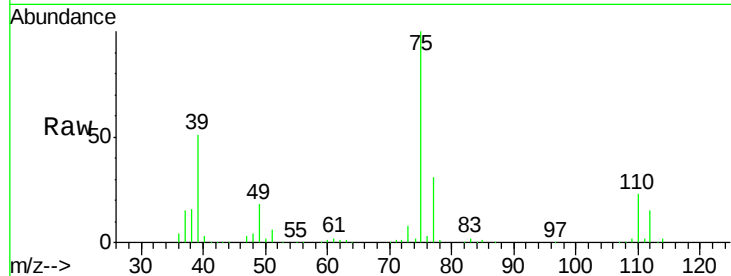
#53
t-1,3-Dichloropropene
Concen: 47.97 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 16:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 124781
Ion Ratio Lower Upper
75 100
77 31.0 24.8 37.2

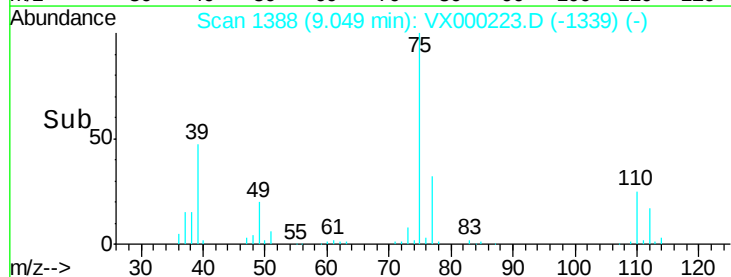
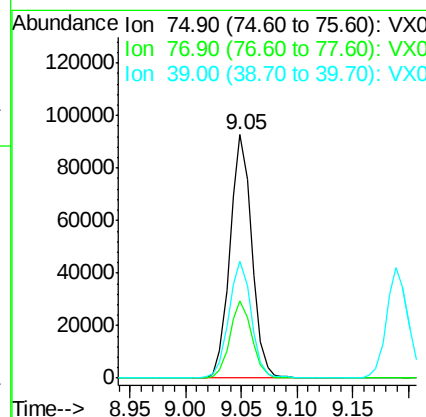
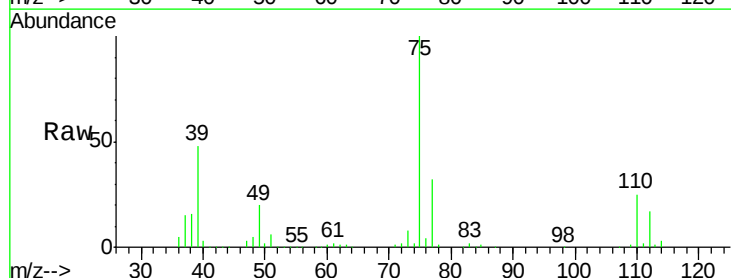
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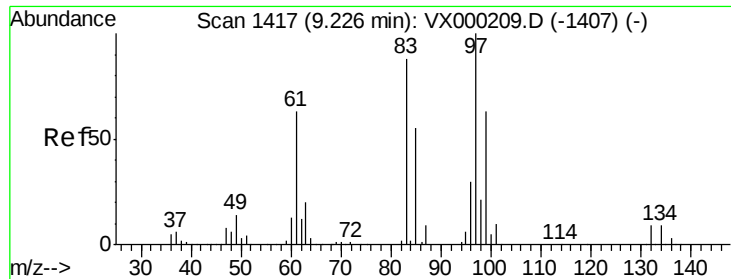
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#54
cis-1,3-Dichloropropene
Concen: 49.97 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 16:37

Tgt Ion: 75 Resp: 125756
Ion Ratio Lower Upper
75 100
77 31.9 23.9 35.9
39 47.8 37.4 56.2





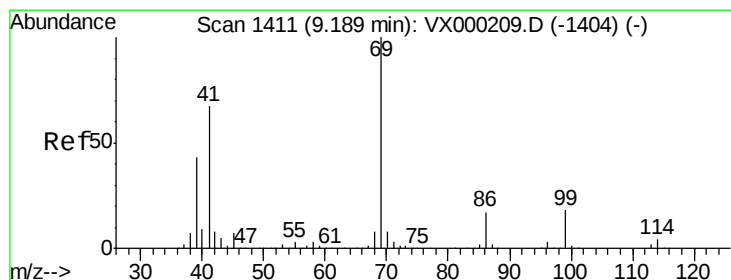
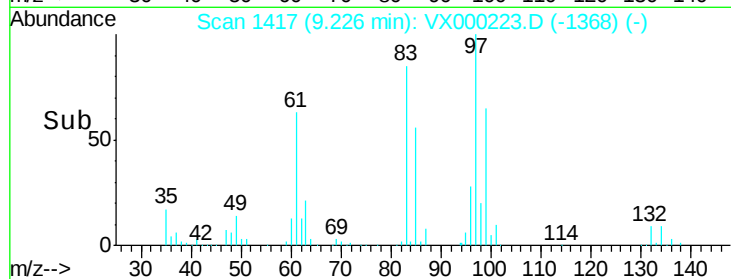
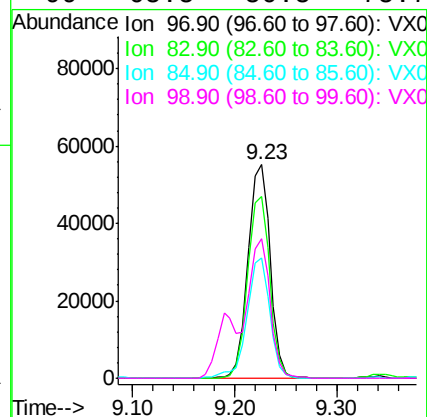
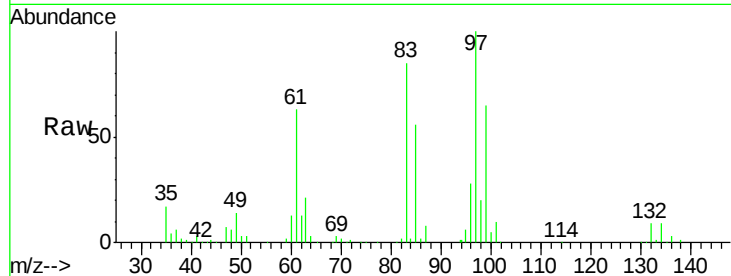
#55
 1,1,2-Trichloroethane
 Concen: 48.06 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000223.D
 Acq: 08 Mar 2018 16:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	83561
Ion	Ratio	Lower	Upper
97	100		
83	85.4	70.4	105.6
85	56.4	43.9	65.9
99	65.5	50.5	75.7

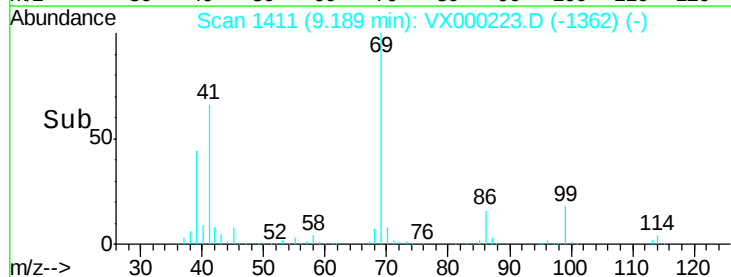
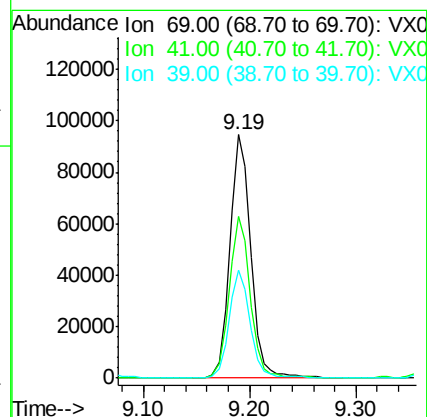
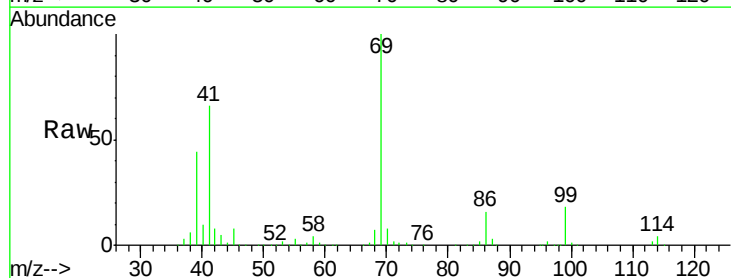
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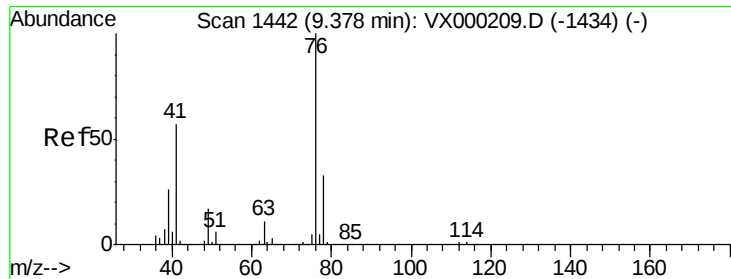
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#56
 Ethyl methacrylate
 Concen: 50.15 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX000223.D
 Acq: 08 Mar 2018 16:37

Tgt Ion:	69	Resp:	130478
Ion	Ratio	Lower	Upper
69	100		
41	67.0	52.2	78.2
39	44.7	34.3	51.5





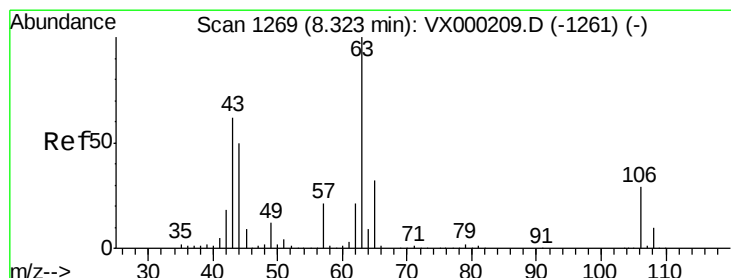
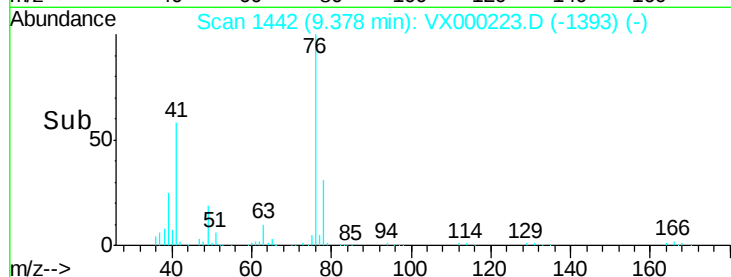
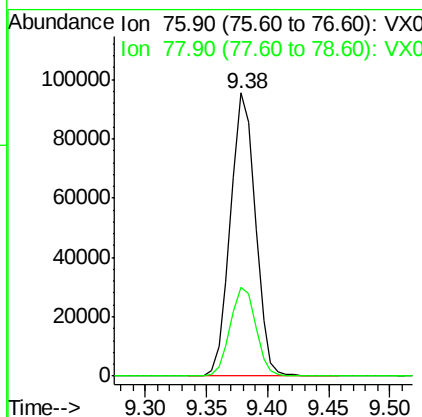
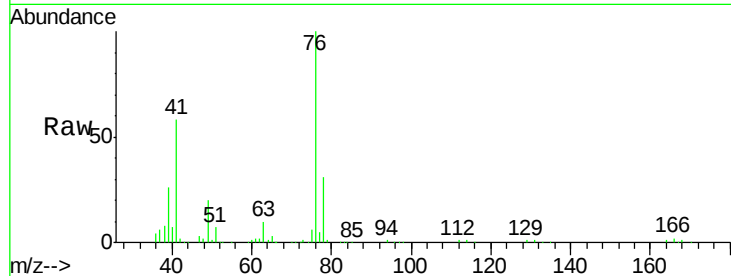
#57
 1,3-Dichloropropane
 Concen: 46.02 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX000223.D
 Acq: 08 Mar 2018 16:37

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion: 76 Resp: 134356
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.2 39.2

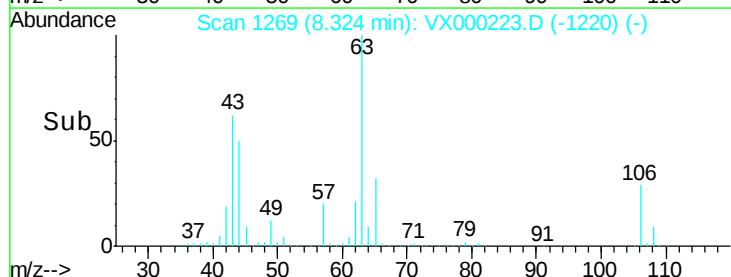
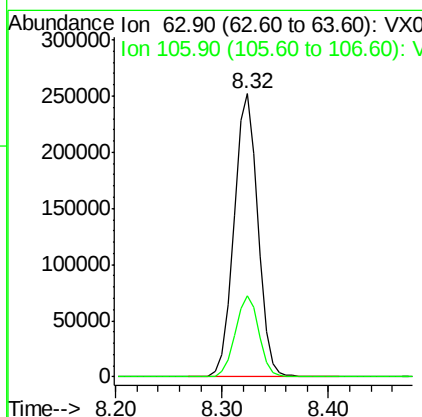
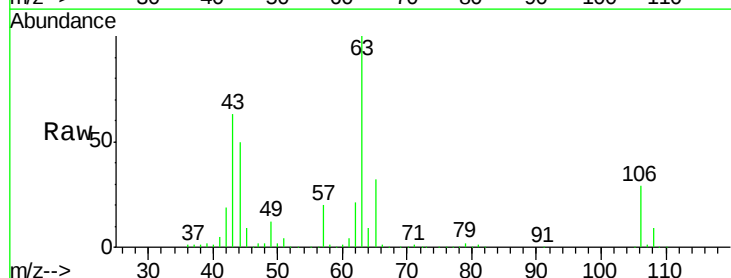
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#58
 2-Chloroethyl Vinyl ether
 Concen: 300.91 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000223.D
 Acq: 08 Mar 2018 16:37

Tgt Ion: 63 Resp: 395273
 Ion Ratio Lower Upper
 63 100
 106 28.5 23.2 34.8





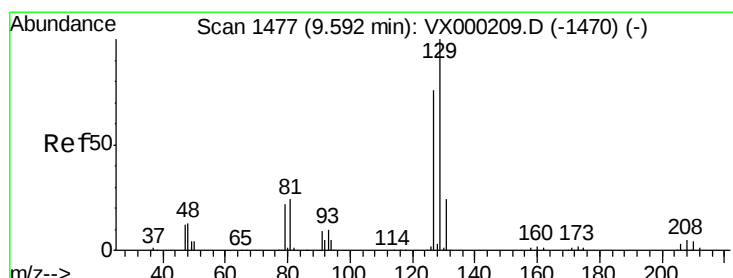
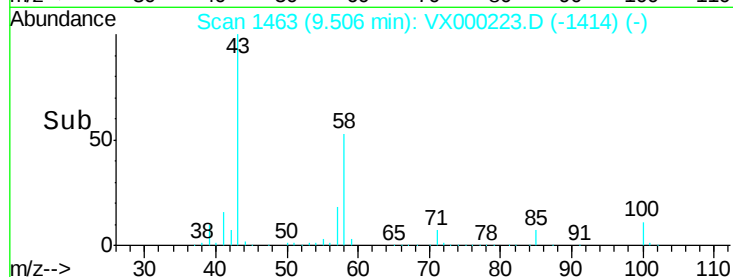
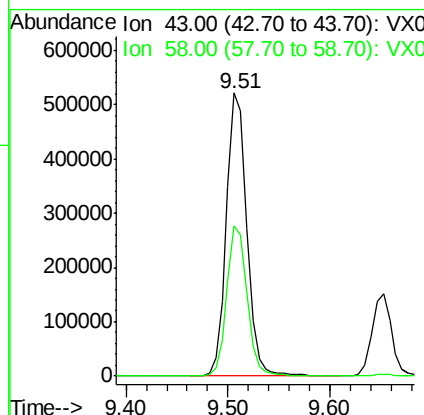
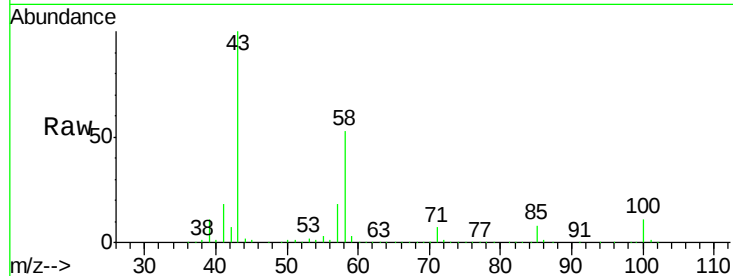
#59
2-Hexanone
Concen: 249.01 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 16:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 727138
Ion Ratio Lower Upper
43 100
58 52.9 26.6 79.7

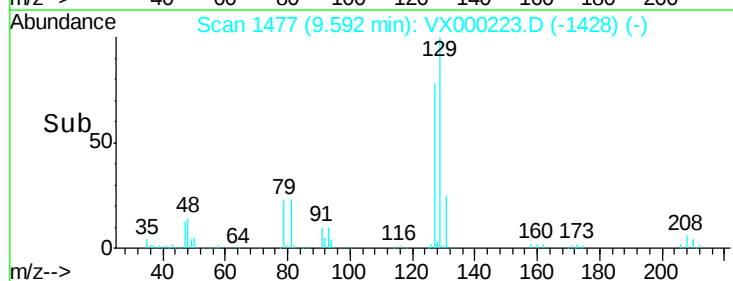
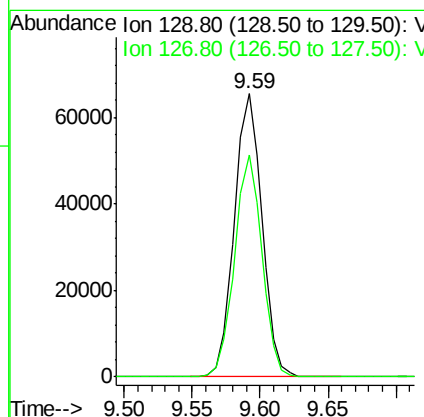
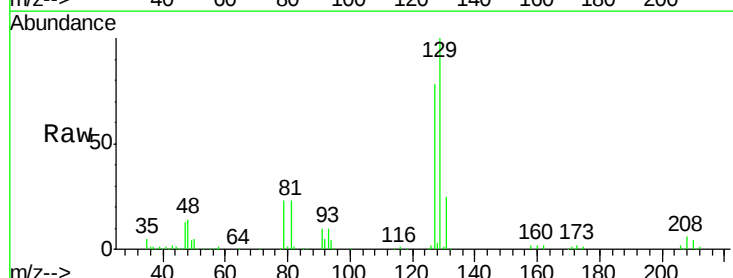
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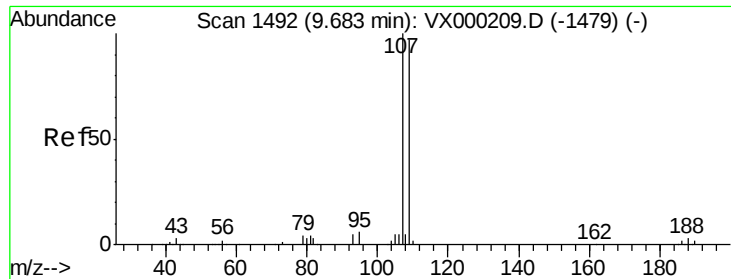
apatel
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#60
Dibromochloromethane
Concen: 50.74 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 16:37

Tgt Ion: 129 Resp: 93013
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.2





#61

1,2-Dibromoethane

Concen: 48.85 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 16:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 94317

Ion Ratio Lower Upper

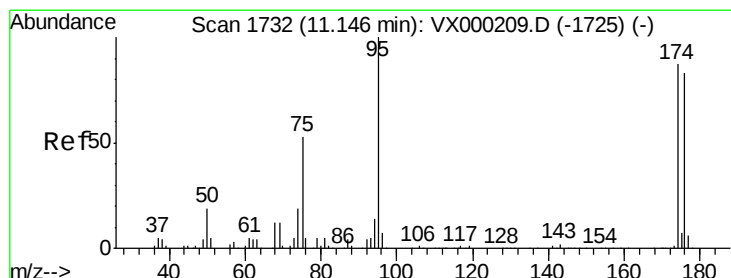
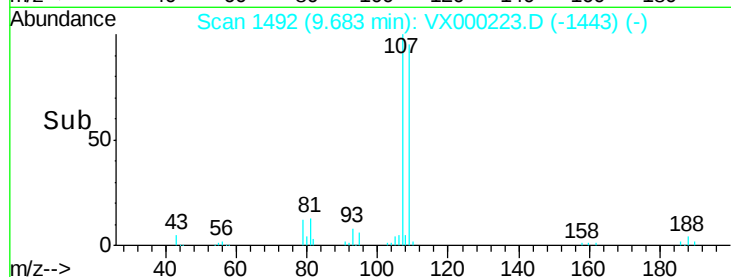
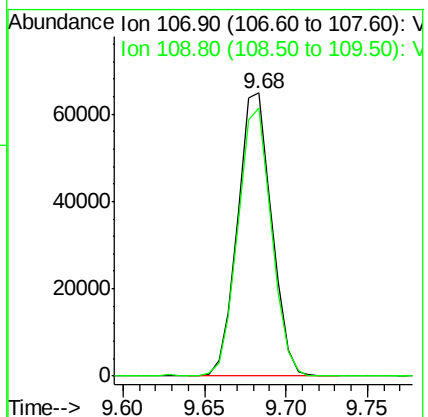
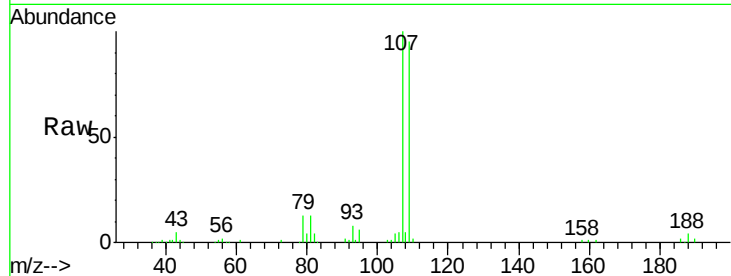
107 100

109 93.6 76.8 115.2

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#62

4-Bromofluorobenzene

Concen: 53.39 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 16:37

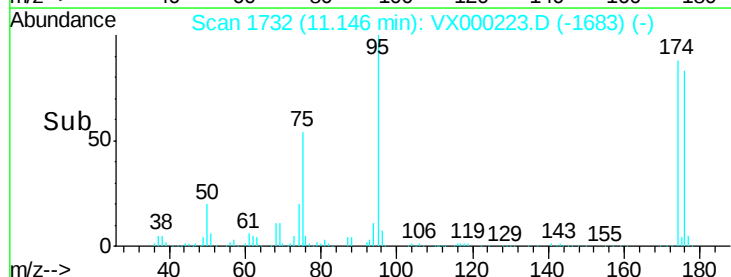
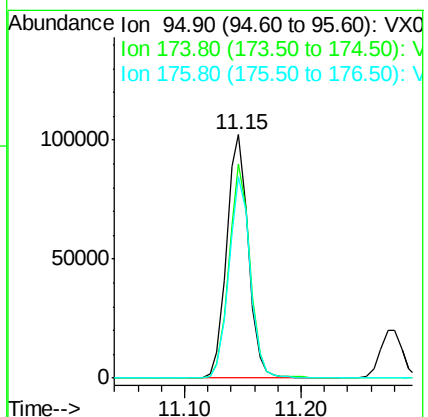
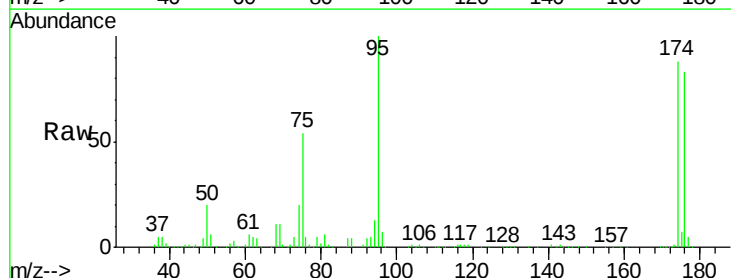
Tgt Ion: 95 Resp: 132322

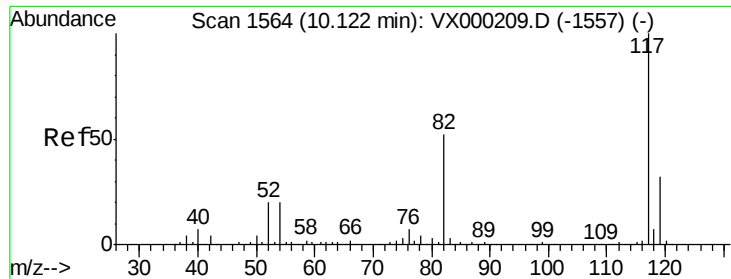
Ion Ratio Lower Upper

95 100

174 85.6 0.0 175.6

176 81.4 0.0 171.0





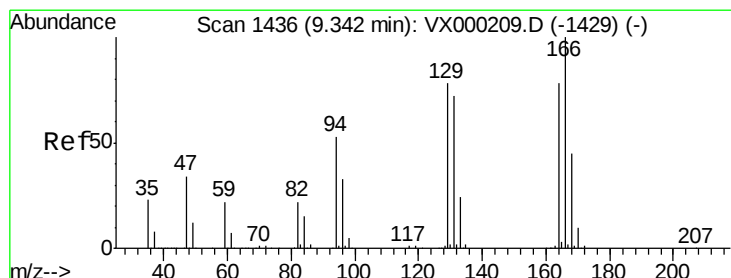
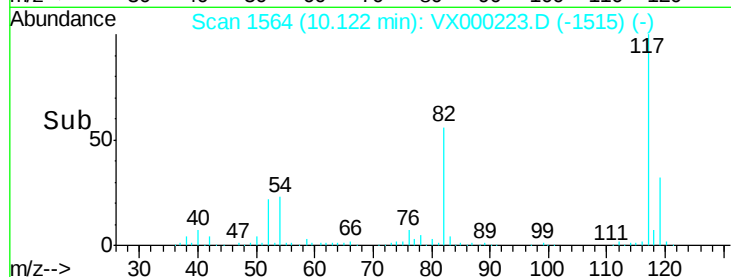
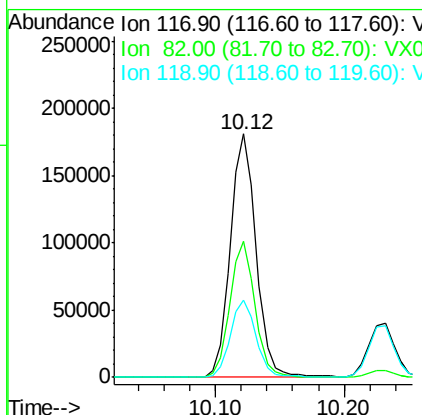
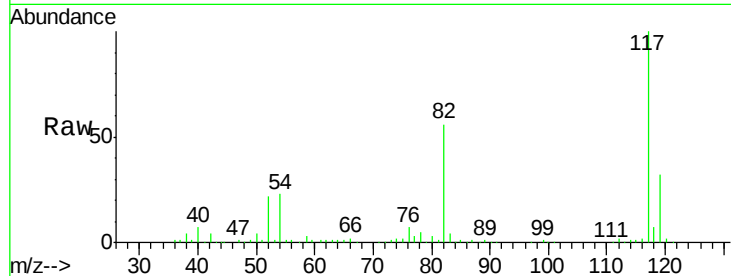
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 16:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.7	42.0	63.0
119	31.8	25.3	37.9

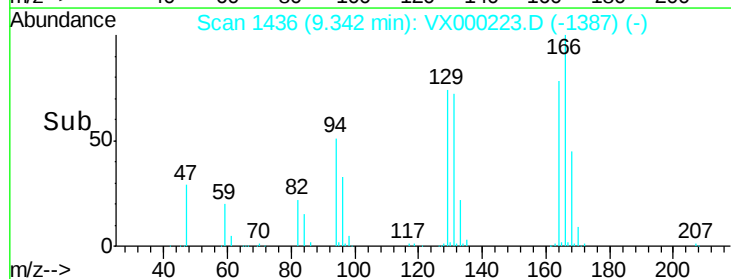
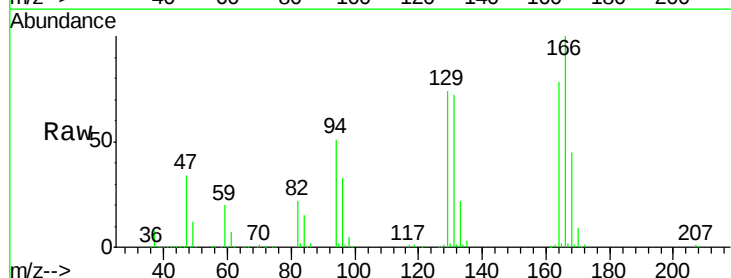
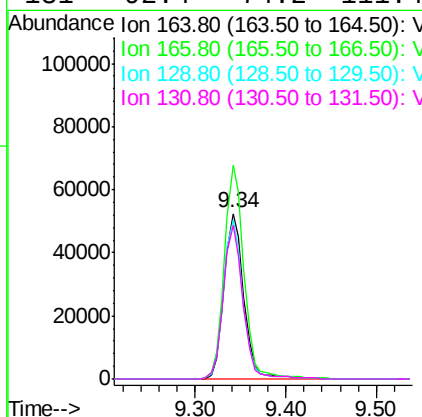
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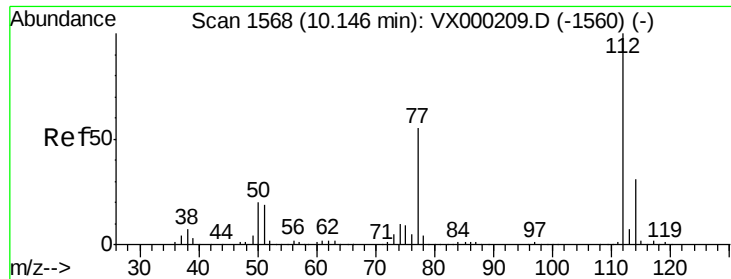
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#64
Tetrachloroethene
Concen: 44.89 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 16:37

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.9	103.0	154.6
129	96.0	80.2	120.4
131	92.4	74.2	111.4





#65

Chlorobenzene

Concen: 47.60 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 16:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 244234

Ion Ratio Lower Upper

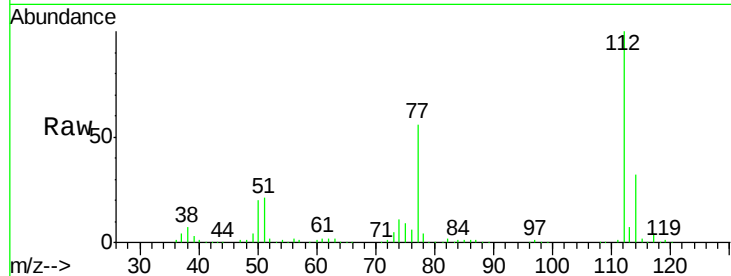
112 100

114 32.3 25.0 37.4

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

200000

150000

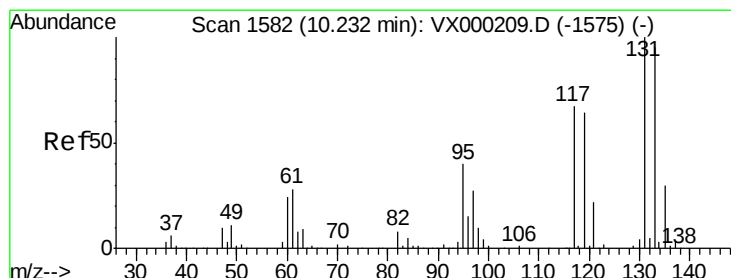
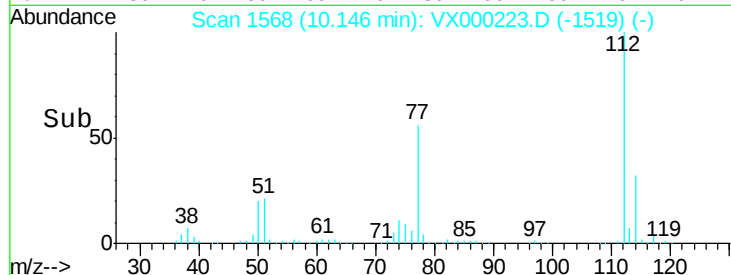
100000

50000

0

10.10 10.20 10.30

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 47.17 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 16:37

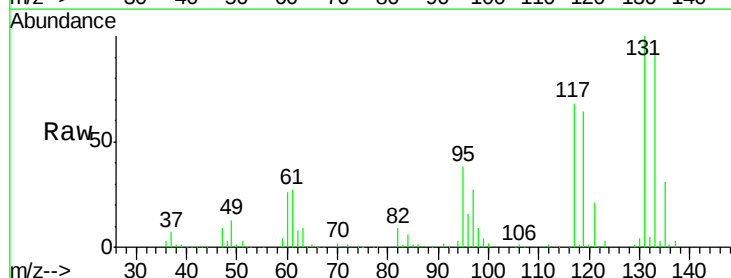
Tgt Ion:131 Resp: 82754

Ion Ratio Lower Upper

131 100

133 96.6 48.3 144.9

119 65.0 32.3 96.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

80000

60000

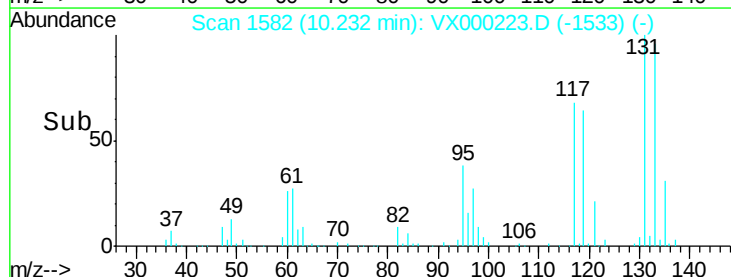
40000

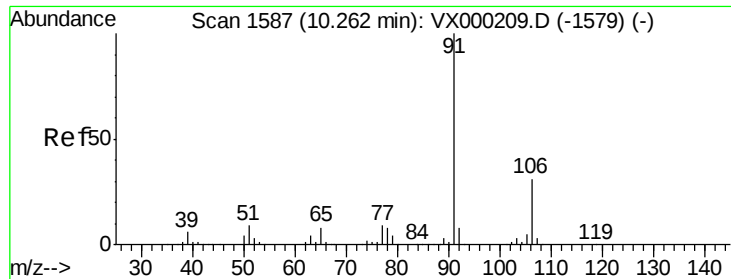
20000

0

10.15 10.20 10.25 10.30

Time-->





#67

Ethyl Benzene

Concen: 46.90 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 16:37

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 420041

Ion Ratio Lower Upper

91 100

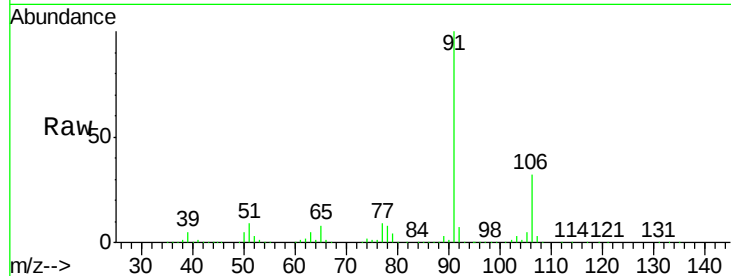
106 32.3 25.2 37.8

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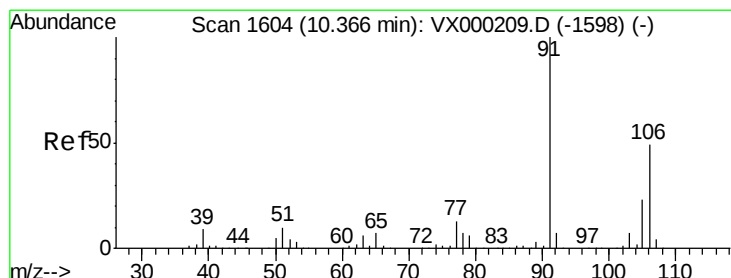
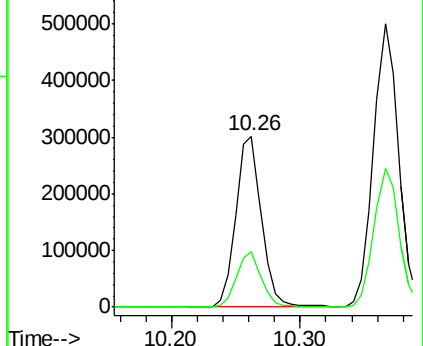
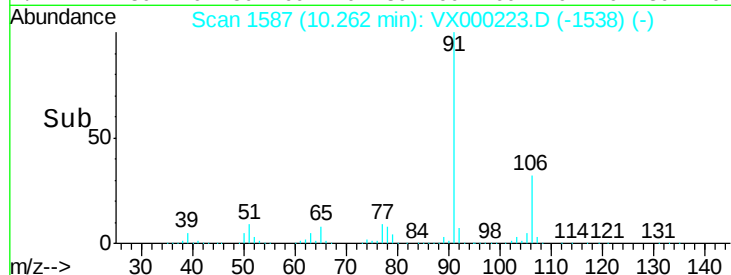
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Abundance Ion 91.00 (90.70 to 91.70): VX000223.D (-1538) (-)

Ion 106.00 (105.70 to 106.70): VX000223.D (-1538) (-)



#68

m/p-Xylenes

Concen: 97.26 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX000223.D

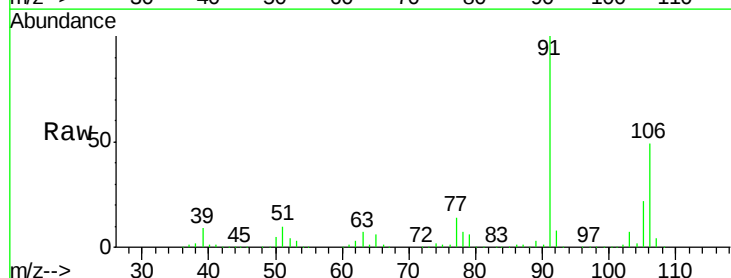
Acq: 08 Mar 2018 16:37

Tgt Ion: 106 Resp: 335233

Ion Ratio Lower Upper

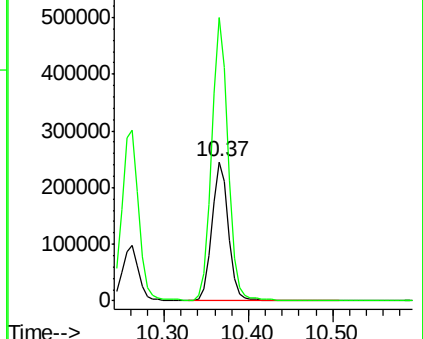
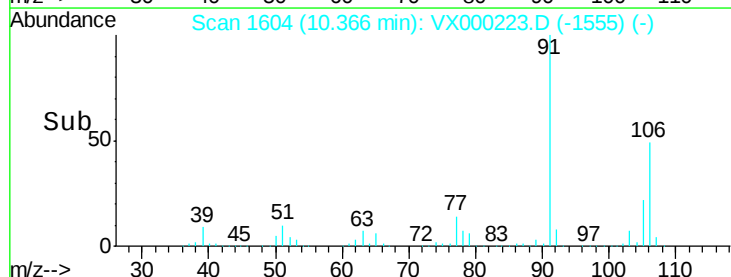
106 100

91 202.8 160.9 241.3



Abundance Ion 106.00 (105.70 to 106.70): VX000223.D (-1555) (-)

Ion 91.00 (90.70 to 91.70): VX000223.D (-1555) (-)





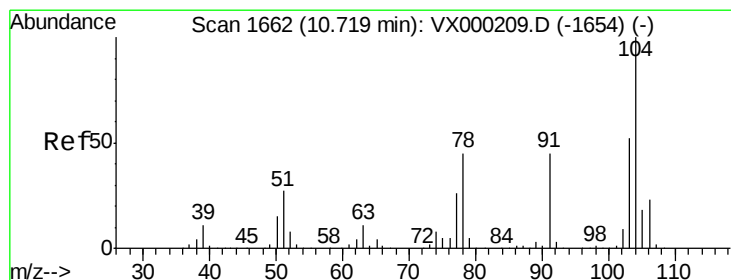
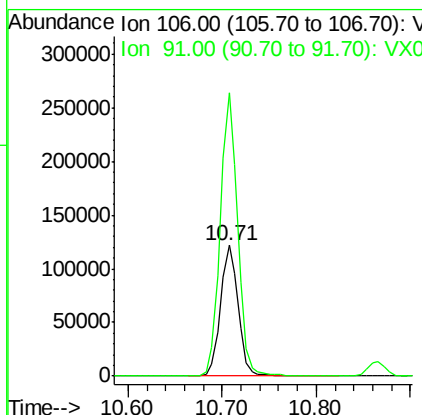
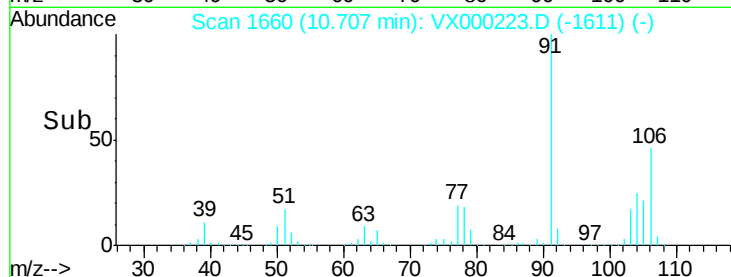
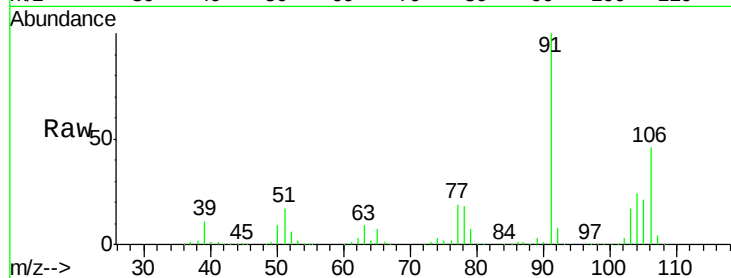
#69
o-Xylene
Concen: 48.00 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 16:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 159017
Ion Ratio Lower Upper
106 100
91 212.1 105.9 317.7

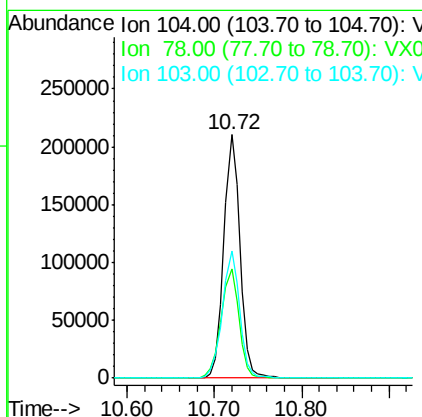
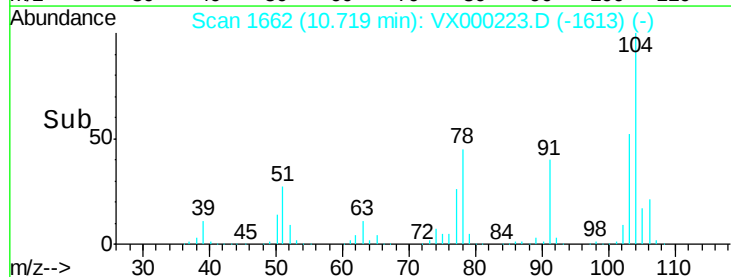
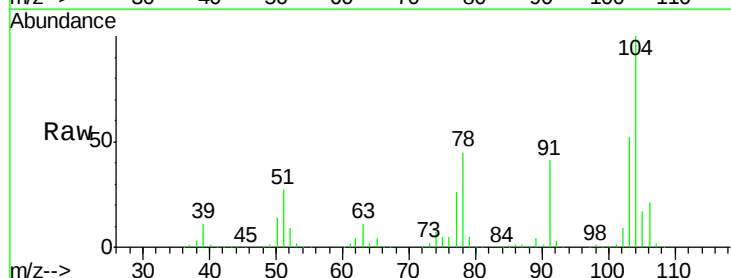
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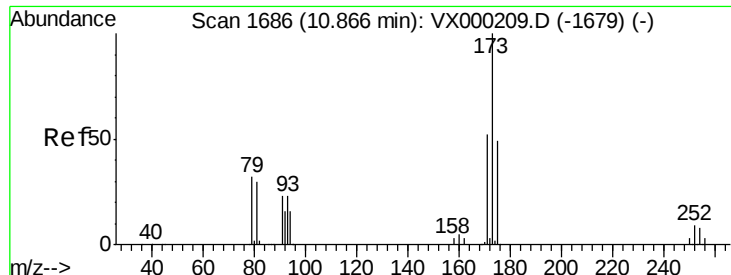
apatel
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#70
Styrene
Concen: 49.00 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 16:37

Tgt Ion:104 Resp: 269262
Ion Ratio Lower Upper
104 100
78 50.1 39.6 59.4
103 56.0 45.0 67.6





#71

Bromoform

Concen: 41.59 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 16:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 73493

Ion Ratio Lower Upper

173 100

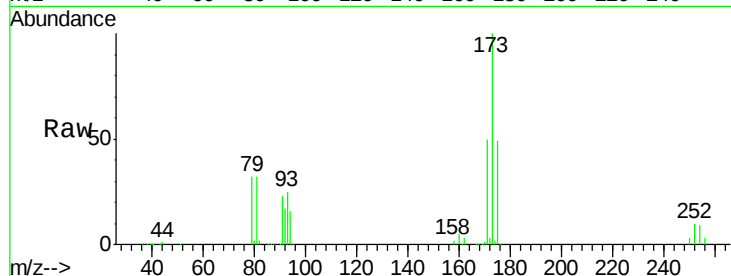
175 47.8 24.4 73.2

254 0.0 0.2 0.2#

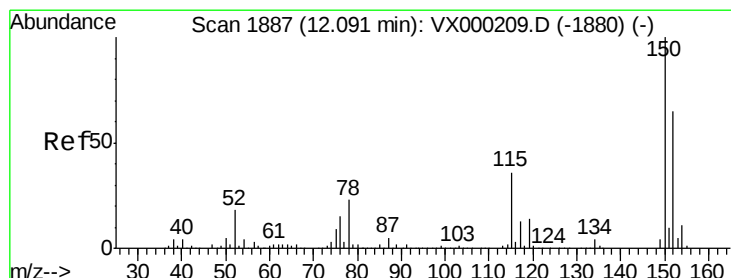
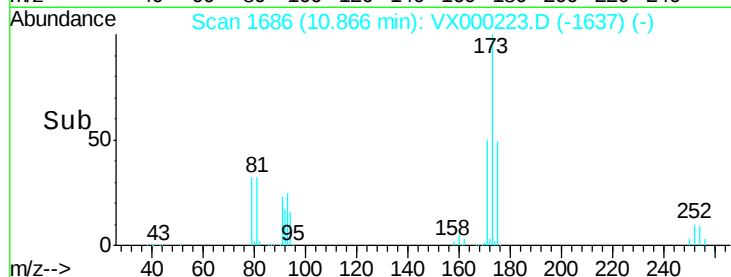
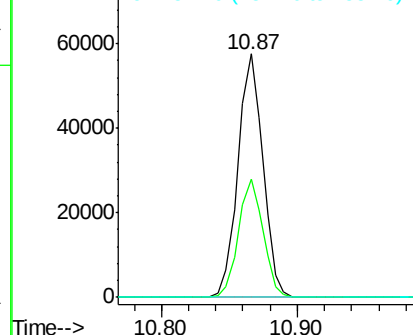
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1887

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 16:37

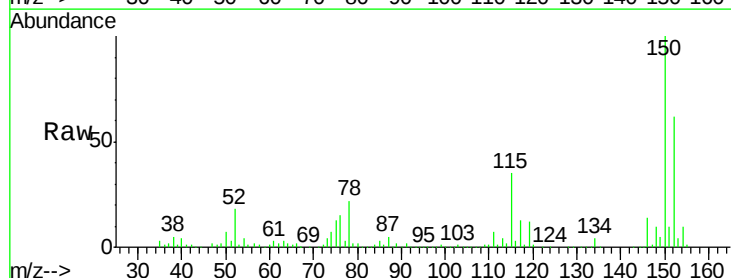
Tgt Ion:152 Resp: 157015

Ion Ratio Lower Upper

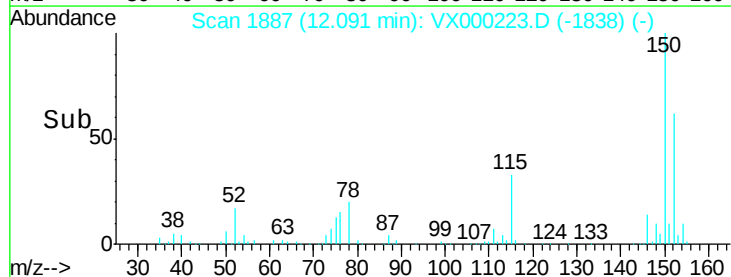
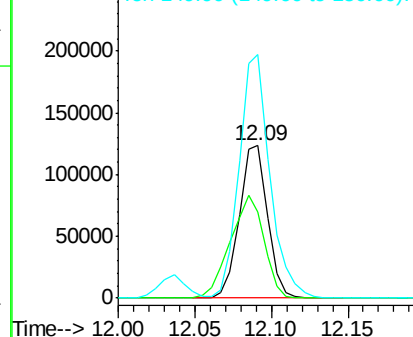
152 100

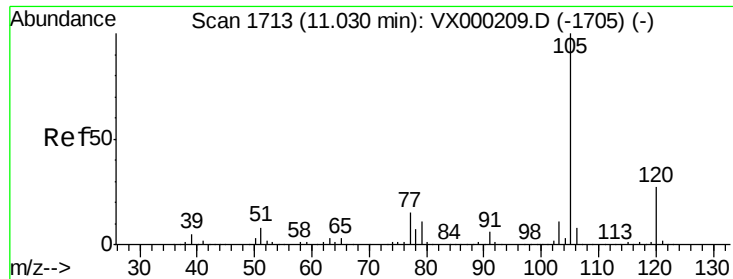
115 80.6 39.8 119.3

150 174.6 0.0 345.0



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: 44.63 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000223.D

Acq: 08 Mar 2018 16:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 438784

Ion Ratio Lower Upper

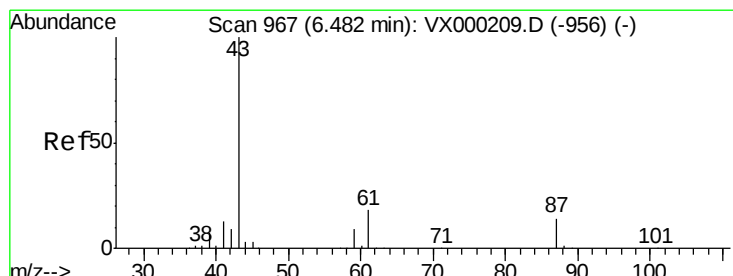
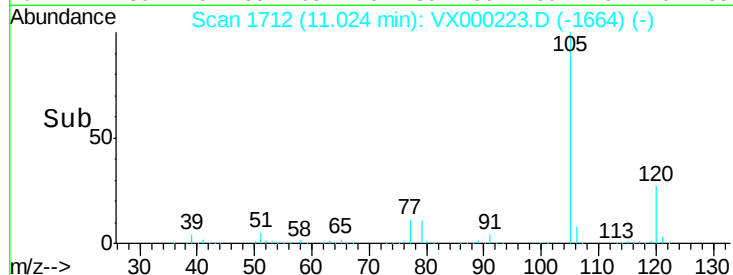
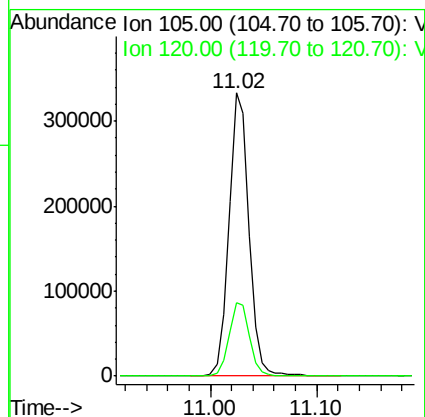
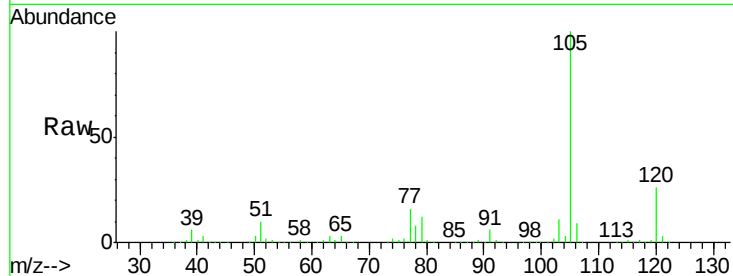
105 100

120 26.7 13.5 40.4

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#74

N-ethyl acetate

Concen: 41.48 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000223.D

Acq: 08 Mar 2018 16:37

Tgt Ion: 43 Resp: 208624

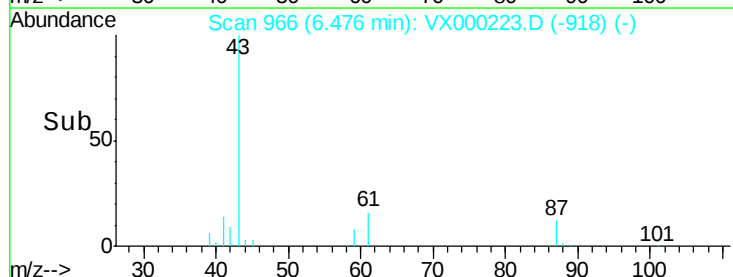
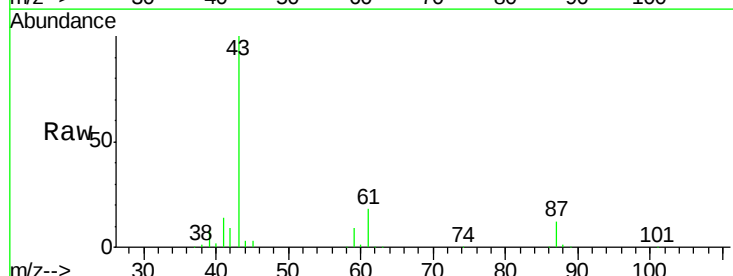
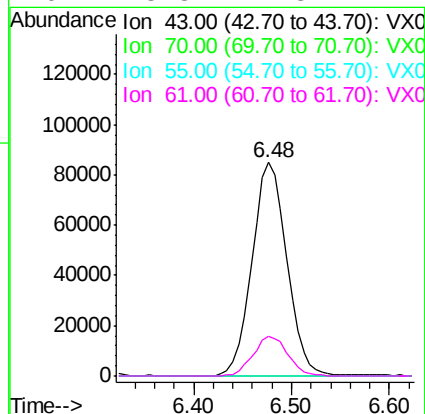
Ion Ratio Lower Upper

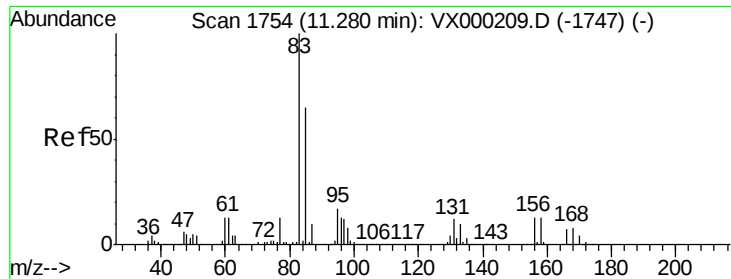
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 18.8 14.8 22.2





#75

1,1,2,2-Tetrachloroethane

Concen: 45.69 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000223.D

Acq: 08 Mar 2018 16:37

Instrument :

MSVOA_X

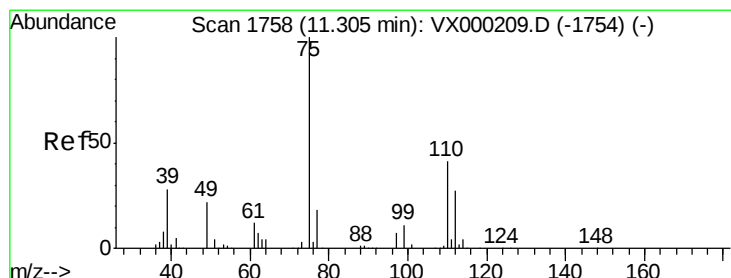
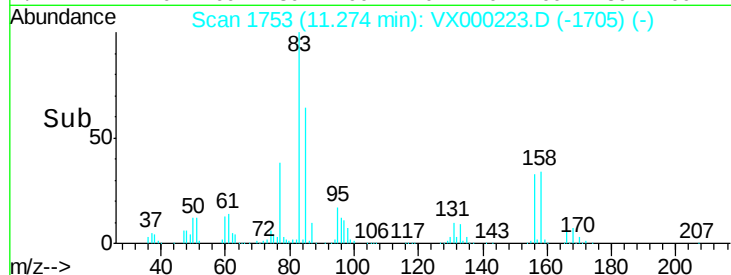
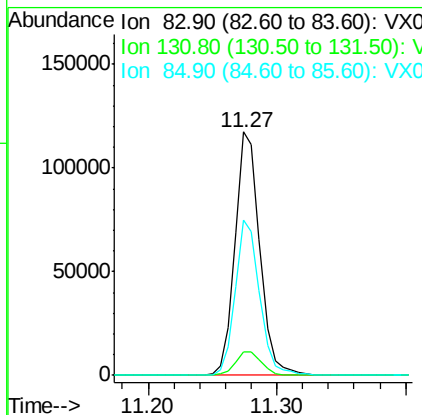
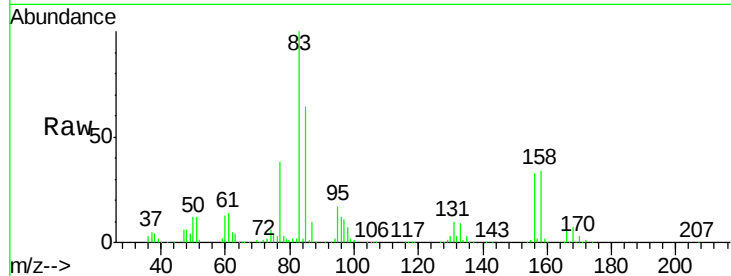
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	157476
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.5	16.5
85	62.9	32.5	97.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 44.69 ug/l m

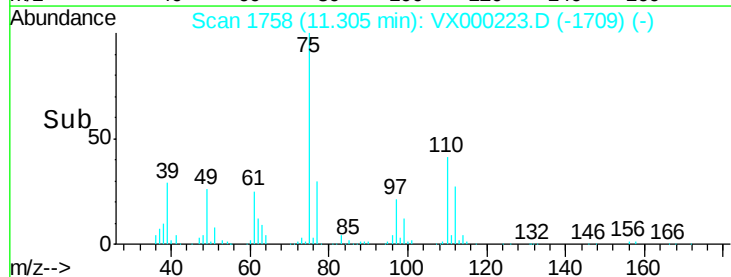
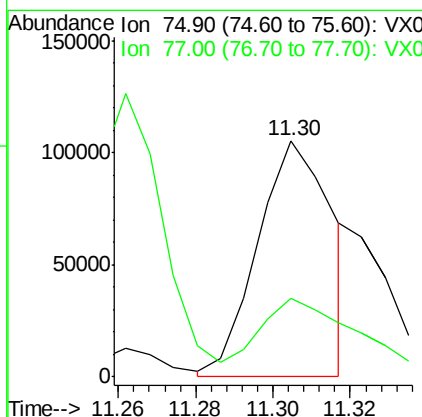
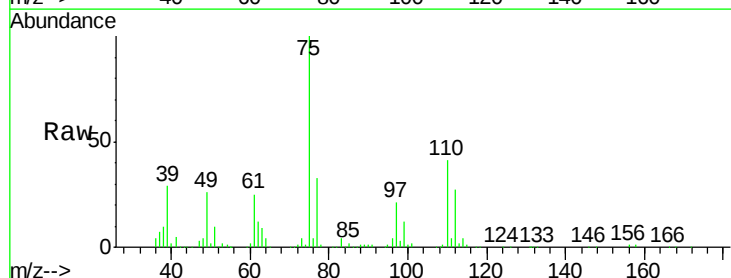
RT: 11.30 min Scan# 1758

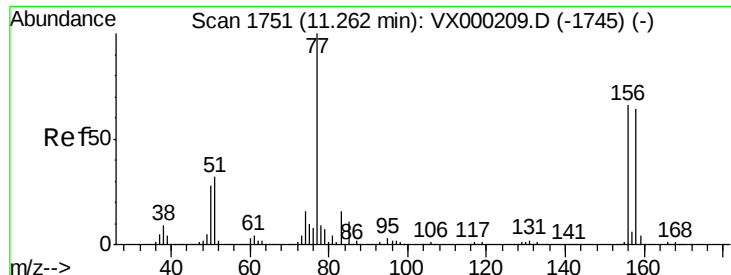
Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 16:37

Tgt Ion:	75	Resp:	140665
Ion Ratio	Lower	Upper	
75	100		
77	44.0	22.3	66.8





#77

Bromobenzene

Concen: 42.94 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 16:37

Instrument :

MSVOA_X

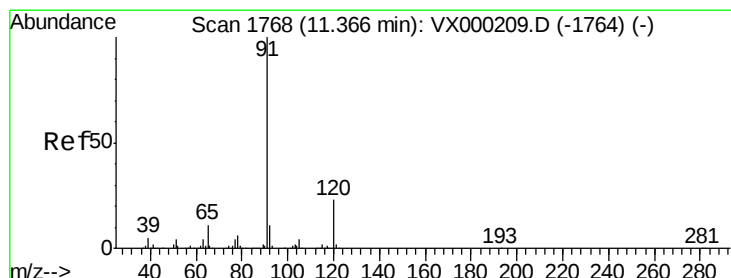
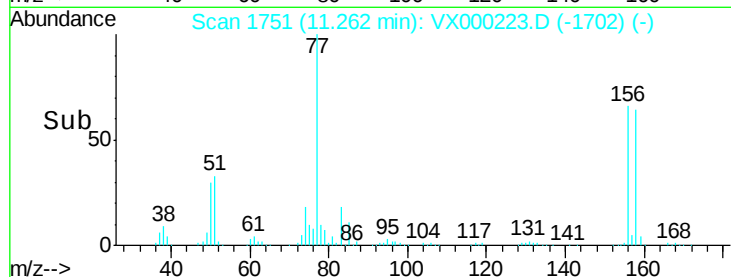
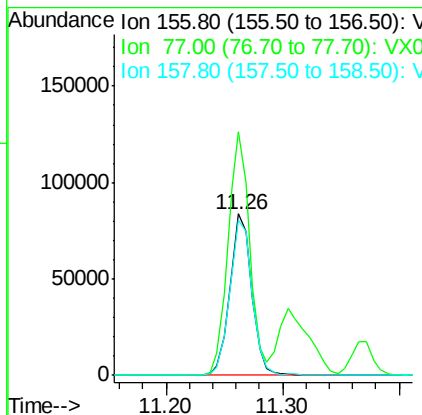
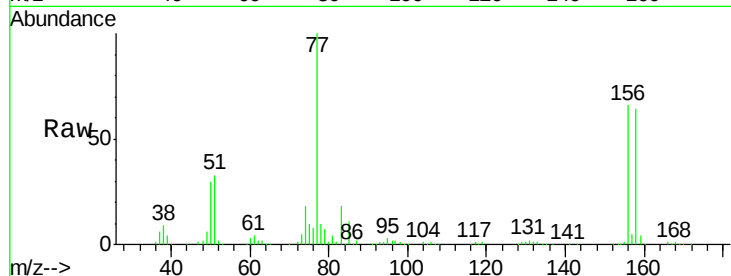
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	148.9	71.9	215.7
158	98.6	48.0	144.2

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#78

n-propylbenzene

Concen: 45.12 ug/l

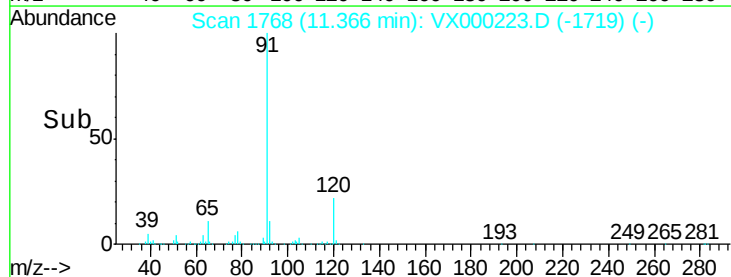
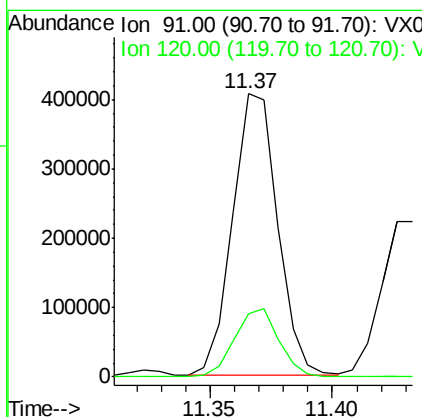
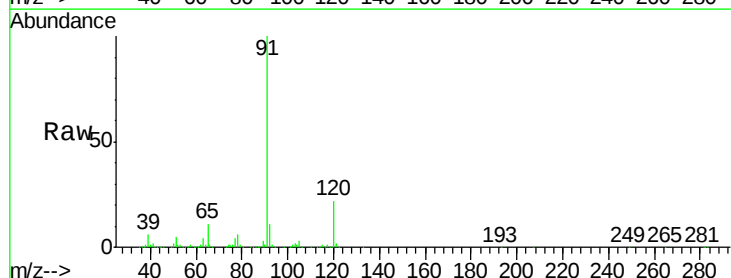
RT: 11.37 min Scan# 1768

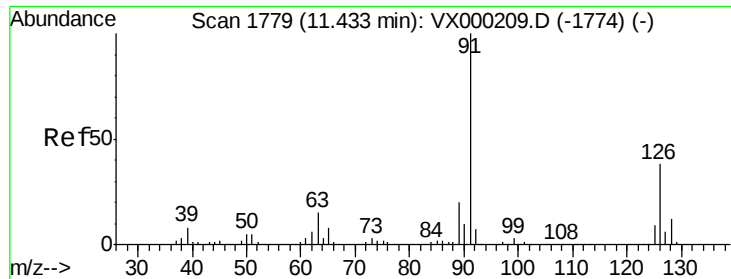
Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 16:37

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.1	12.2	36.4





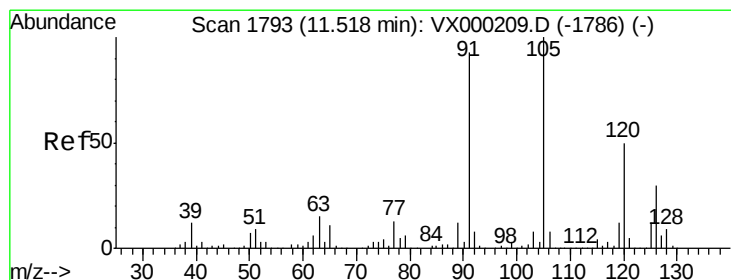
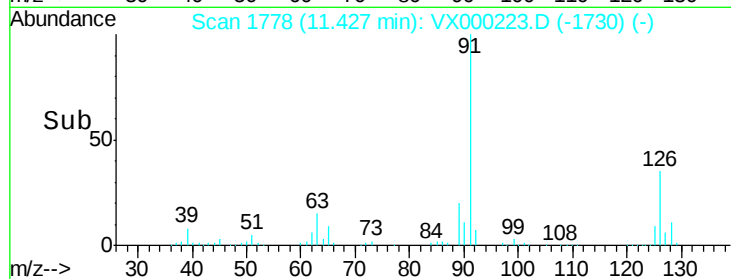
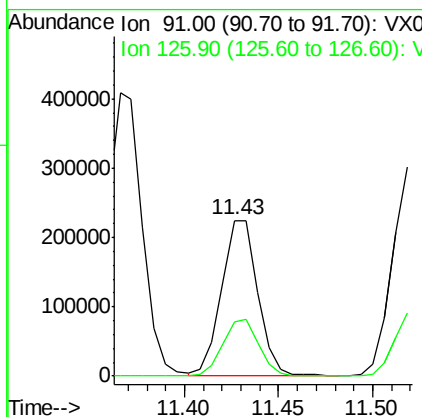
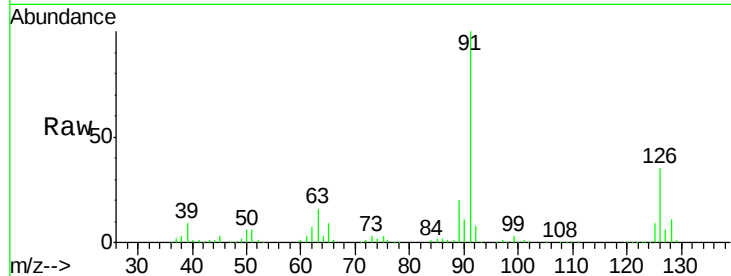
#79
 2-Chlorotoluene
 Concen: 45.48 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX000223.D
 Acq: 08 Mar 2018 16:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 296857
 Ion Ratio Lower Upper
 91 100
 126 36.6 18.4 55.2

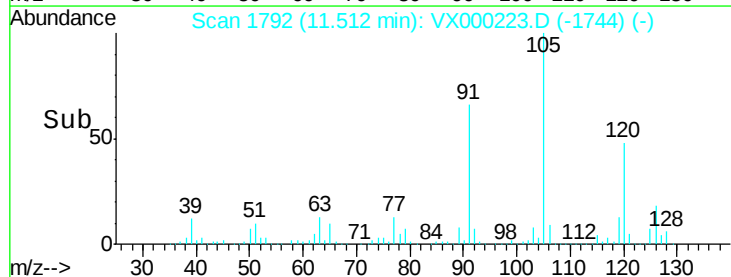
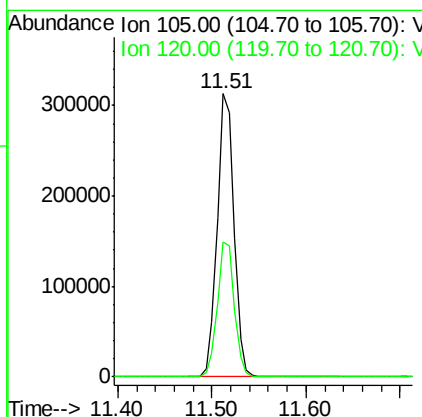
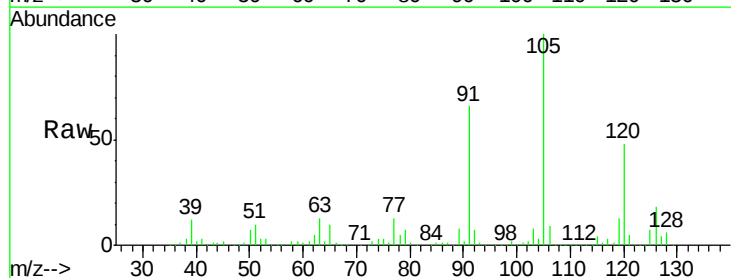
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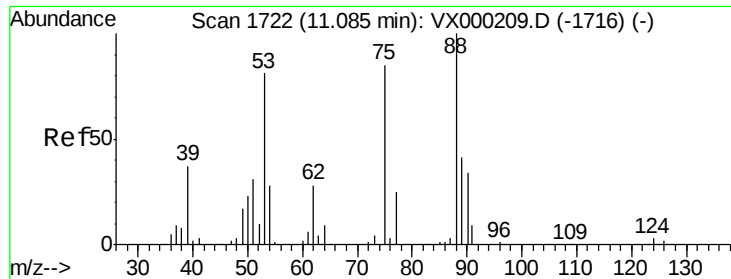
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#80
 1,3,5-Trimethylbenzene
 Concen: 47.21 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: VX000223.D
 Acq: 08 Mar 2018 16:37

Tgt Ion: 105 Resp: 387506
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.9 74.6





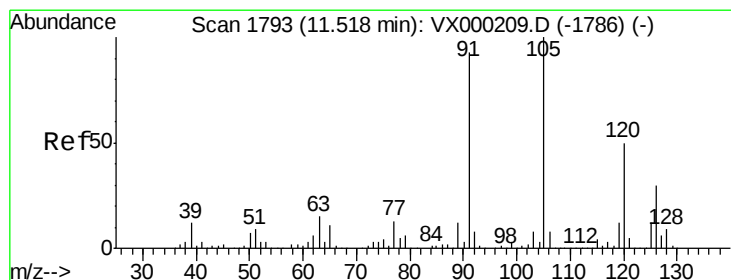
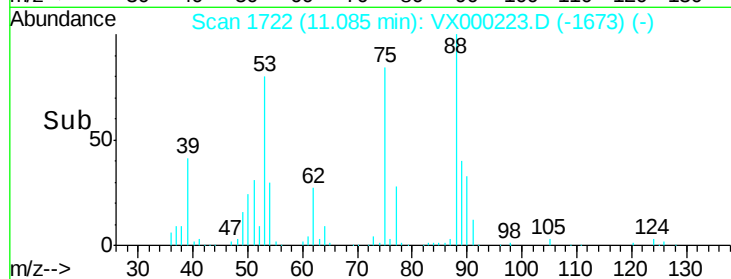
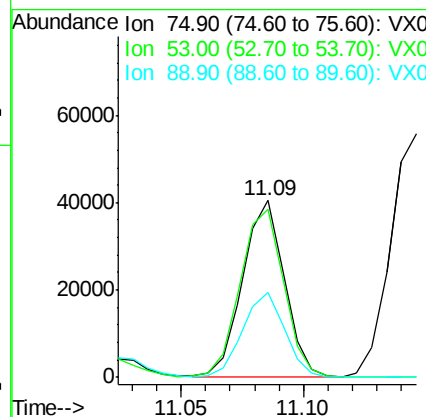
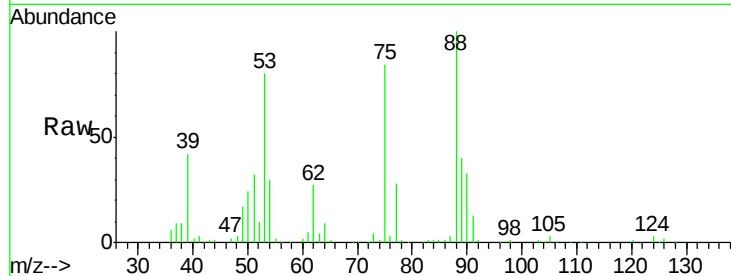
#81
trans-1,4-Dichloro-2-butene
Concen: 46.52 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 16:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 47816
Ion Ratio Lower Upper
75 100
53 100.9 78.6 118.0
89 48.6 38.8 58.2

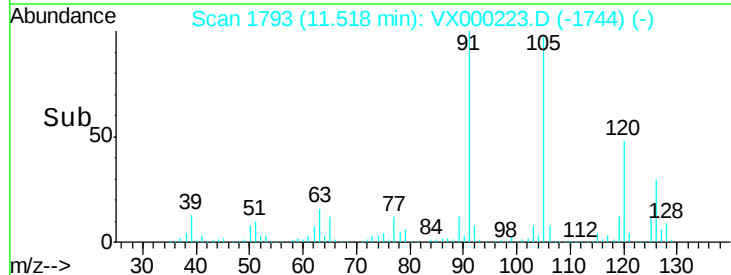
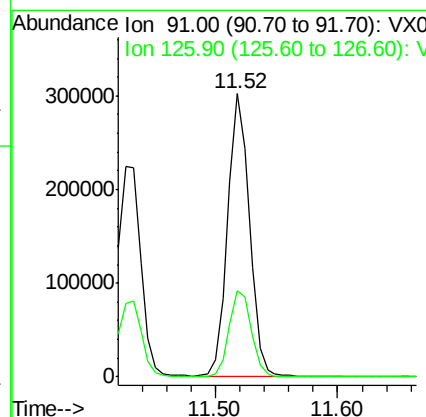
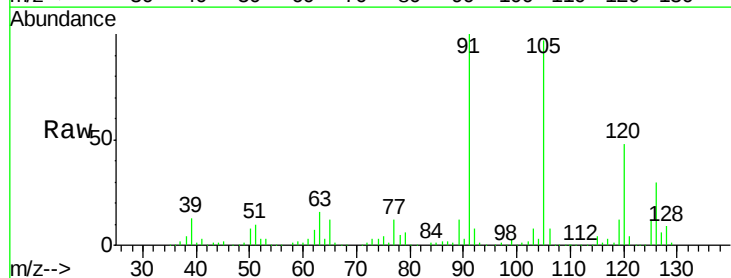
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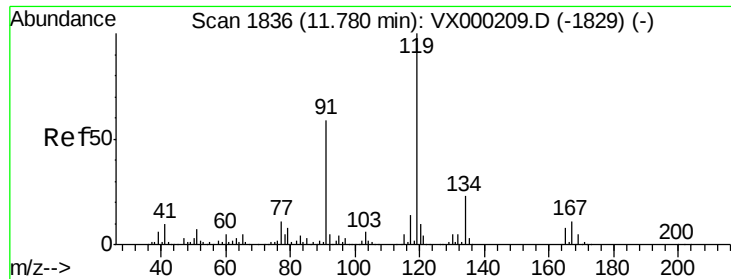
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#82
4-Chlorotoluene
Concen: 47.17 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 16:37

Tgt Ion: 91 Resp: 374333
Ion Ratio Lower Upper
91 100
126 31.1 16.0 48.0





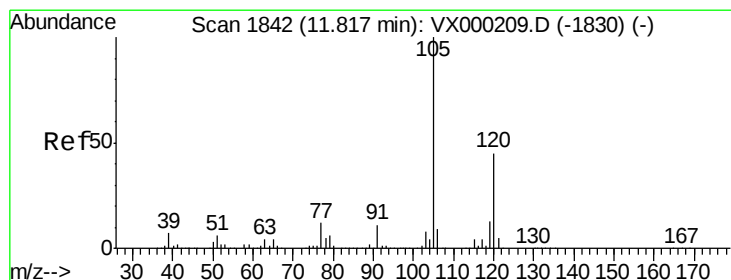
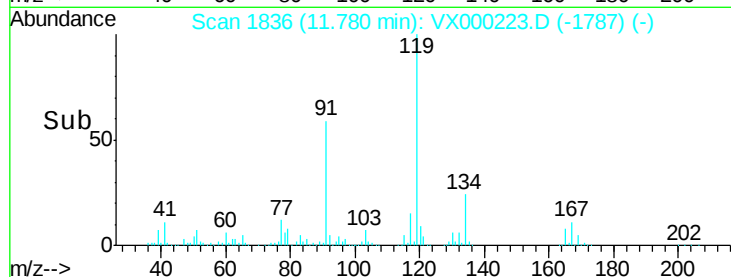
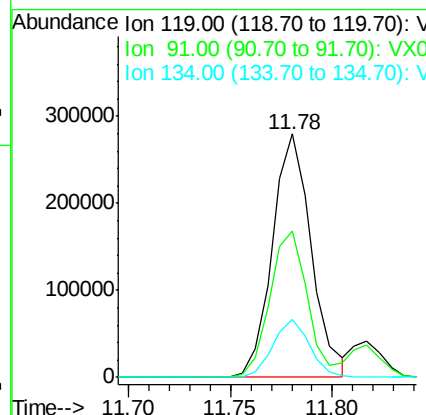
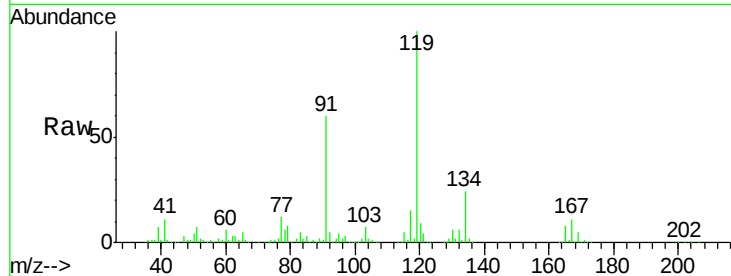
#83
 tert-Butylbenzene
 Concen: 46.58 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000223.D
 Acq: 08 Mar 2018 16:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.6	28.9	86.7
134	22.8	11.5	34.4

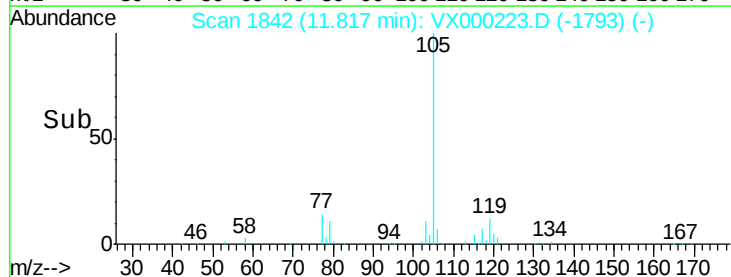
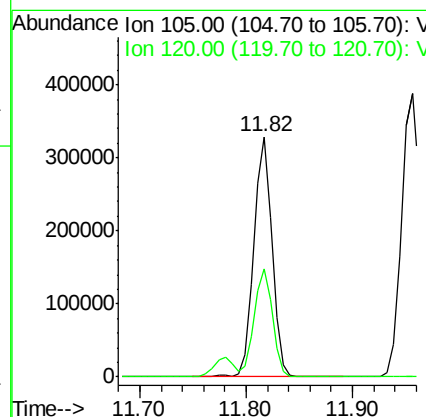
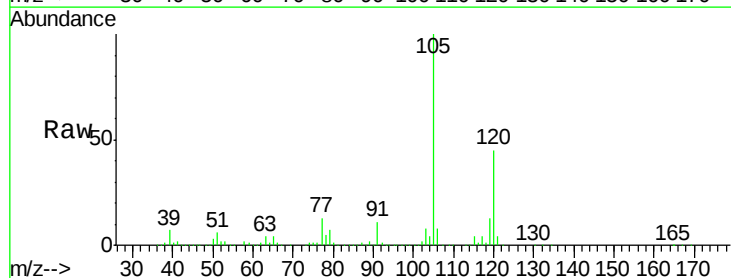
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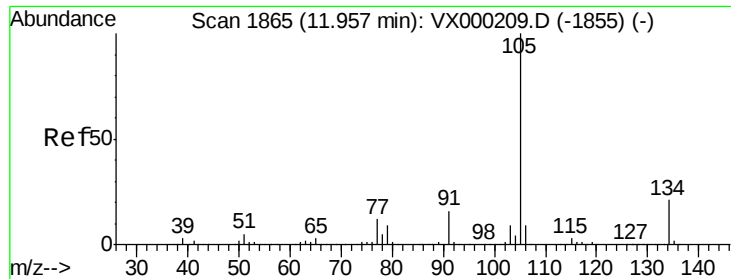
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#84
 1,2,4-Trimethylbenzene
 Concen: 47.04 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000223.D
 Acq: 08 Mar 2018 16:37

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	23.0	69.0





#85

sec-Butylbenzene

Concen: 47.40 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 16:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 478825

Ion Ratio Lower Upper

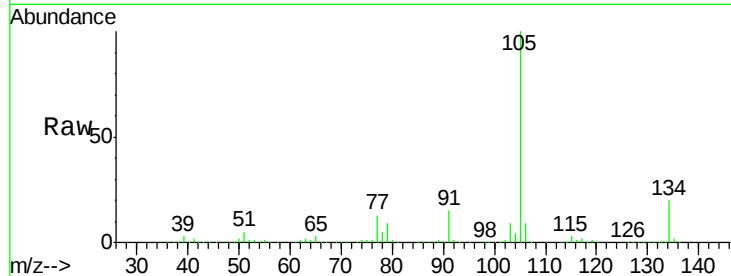
105 100

134 20.1 10.3 30.9

Manual Integrations
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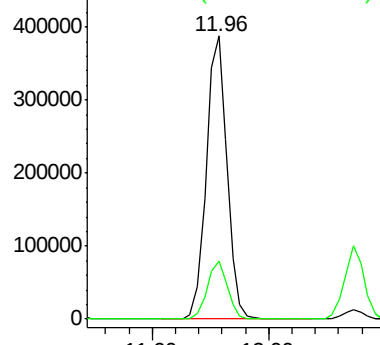
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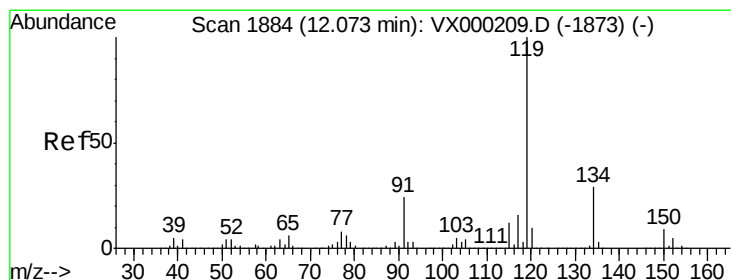
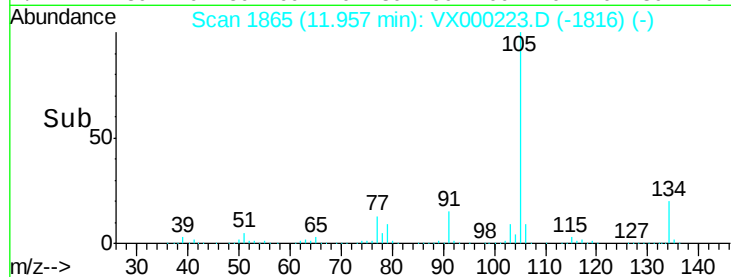


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 49.04 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 16:37

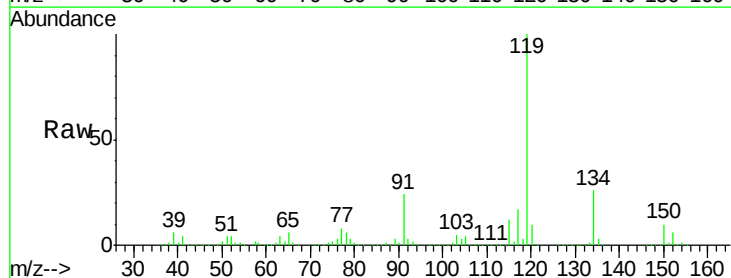
Tgt Ion:119 Resp: 436869

Ion Ratio Lower Upper

119 100

134 26.6 13.8 41.3

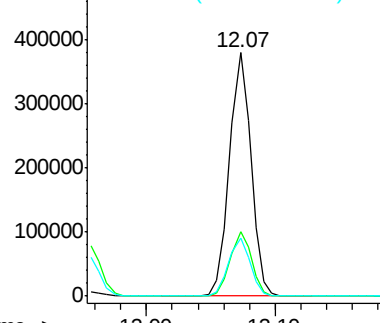
91 24.0 12.0 36.0



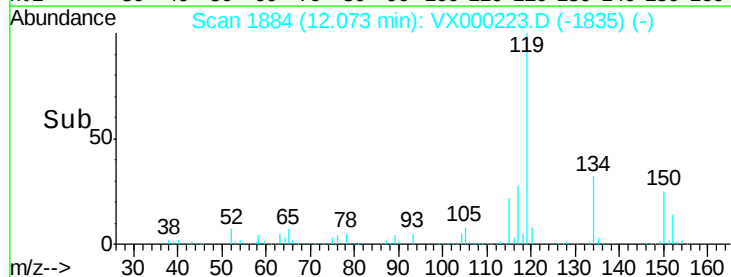
Abundance Ion 119.00 (118.70 to 119.70): V

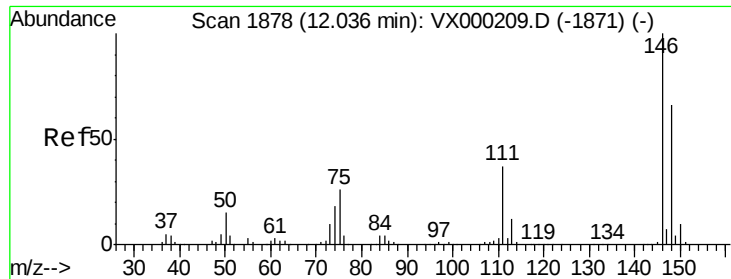
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



Time-->





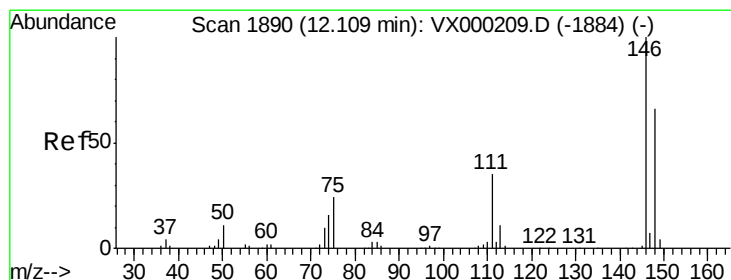
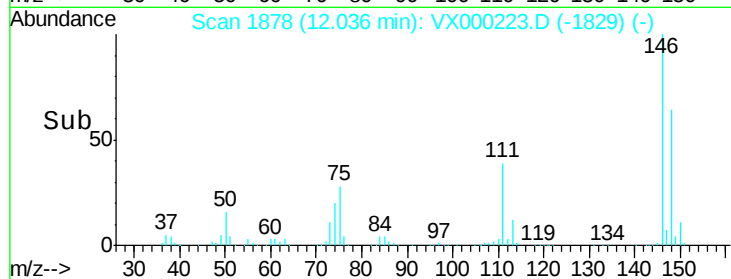
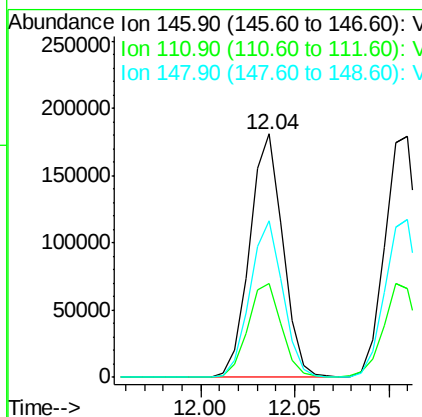
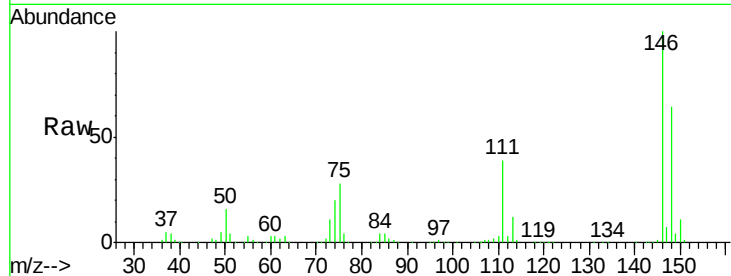
#87
 1,3-Dichlorobenzene
 Concen: 45.79 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000223.D
 Acq: 08 Mar 2018 16:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.0	57.0
148	63.8	32.1	96.3

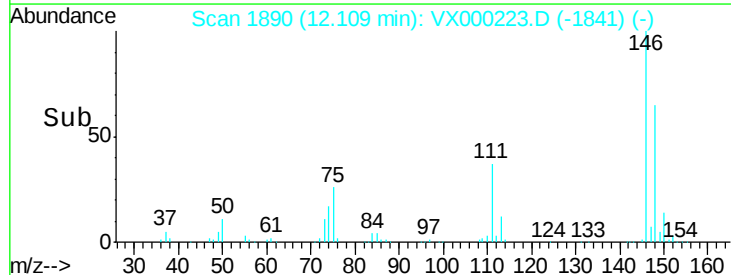
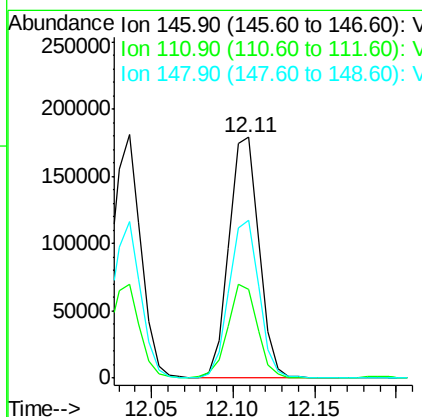
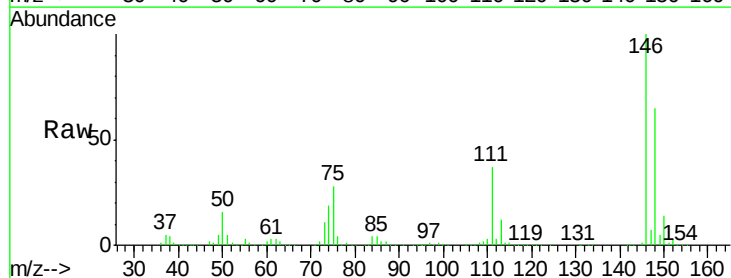
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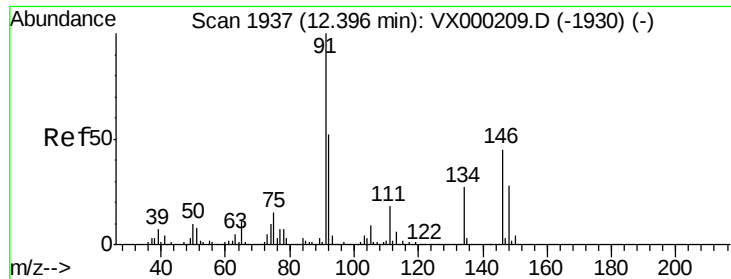
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#88
 1,4-Dichlorobenzene
 Concen: 45.53 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VX000223.D
 Acq: 08 Mar 2018 16:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.9	56.9
148	65.4	32.6	97.8





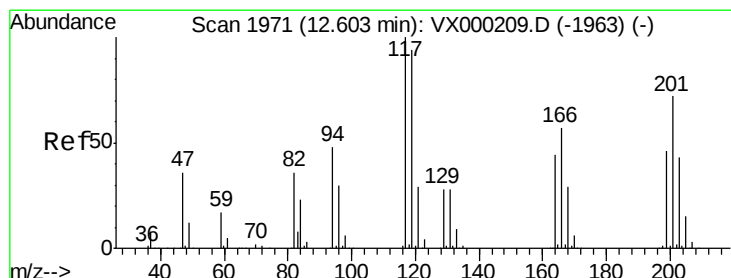
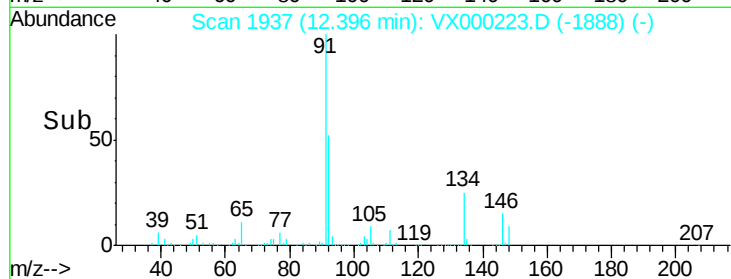
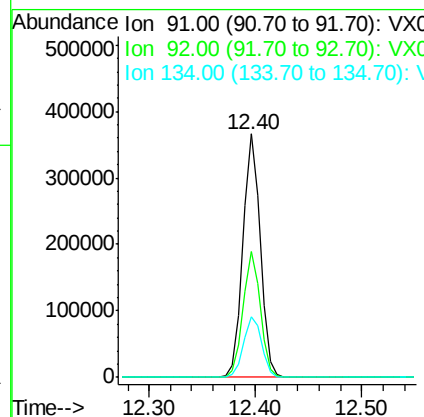
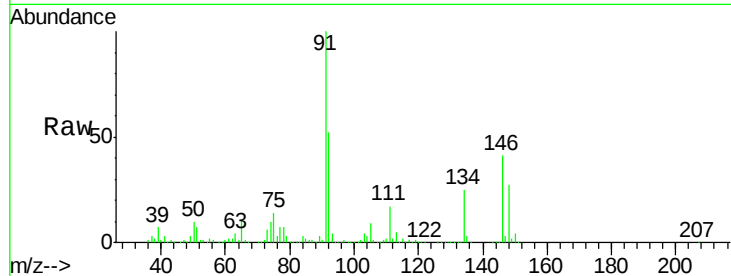
#89
n-Butylbenzene
Concen: 49.10 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 16:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.2	25.8	77.4
134	26.1	13.5	40.5

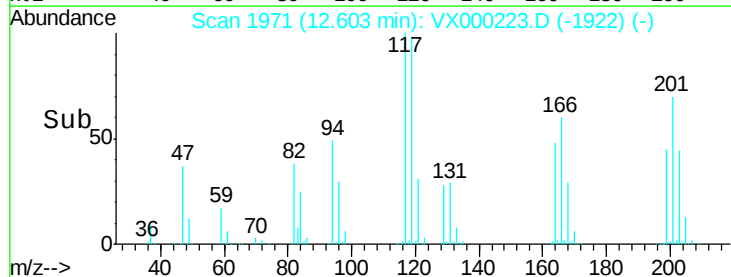
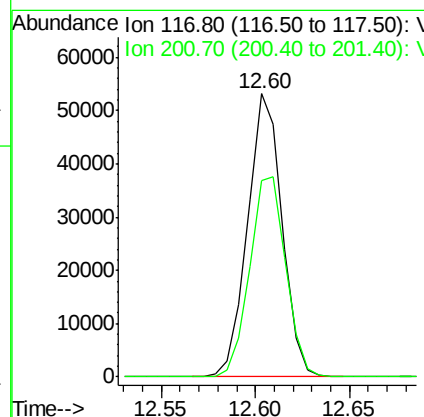
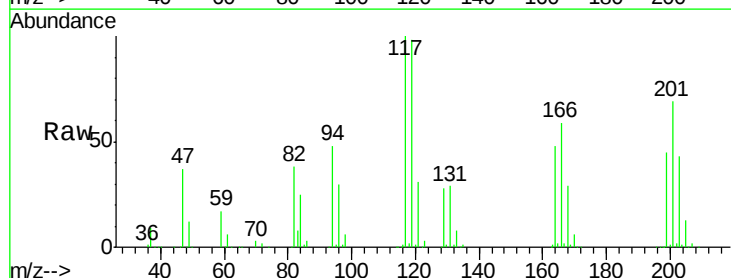
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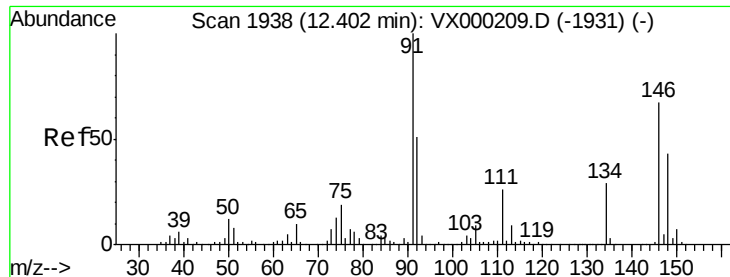
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#90
Hexachloroethane
Concen: 46.82 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 16:37

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.2	38.2	114.6





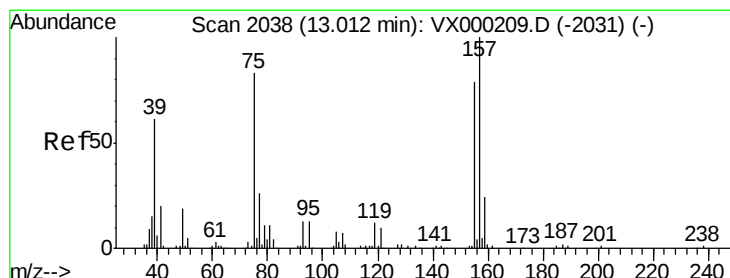
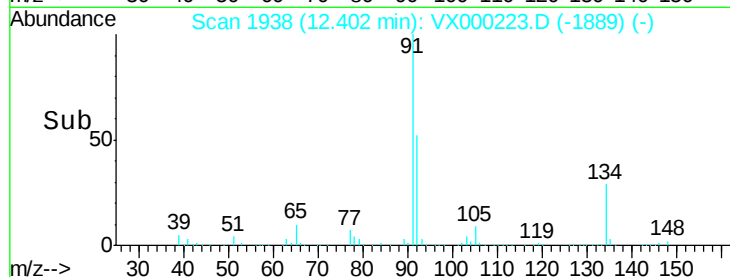
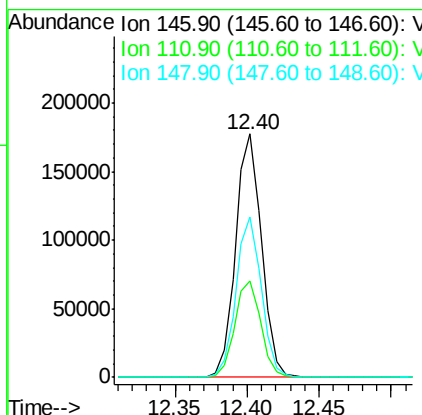
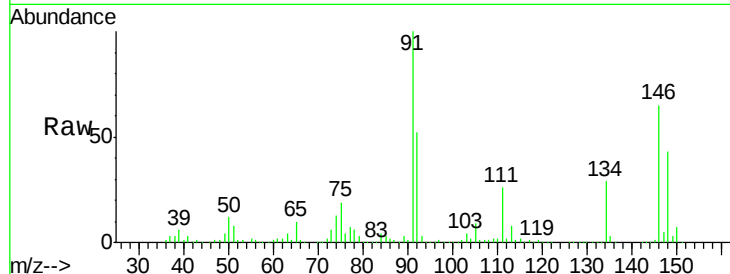
#91
 1,2-Dichlorobenzene
 Concen: 46.56 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000223.D
 Acq: 08 Mar 2018 16:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.7	59.0
148	64.4	32.0	96.0

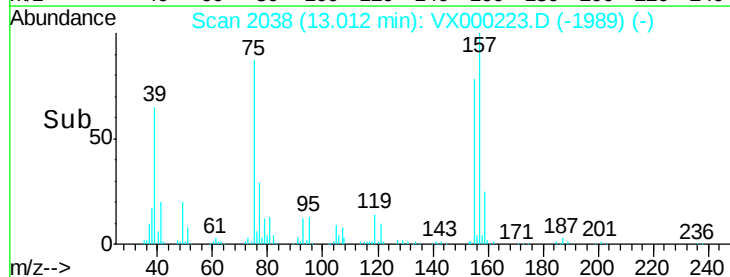
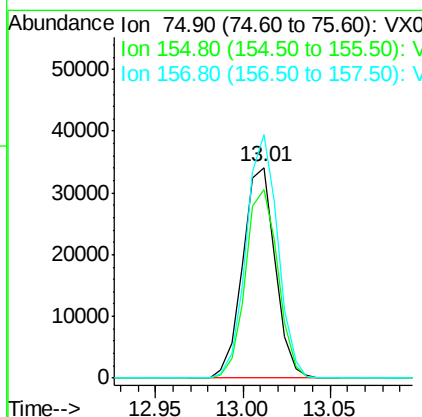
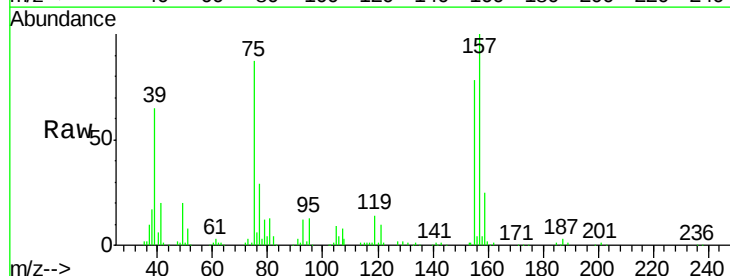
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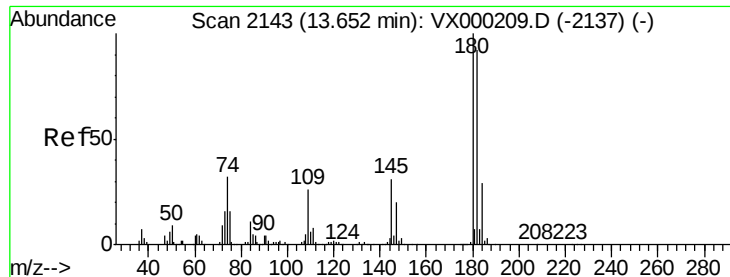
apatel
 3/9/2018 9:38:18 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.61 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. 0.00 min
 Lab File: VX000223.D
 Acq: 08 Mar 2018 16:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.3	45.5	136.5
157	112.1	58.6	175.8





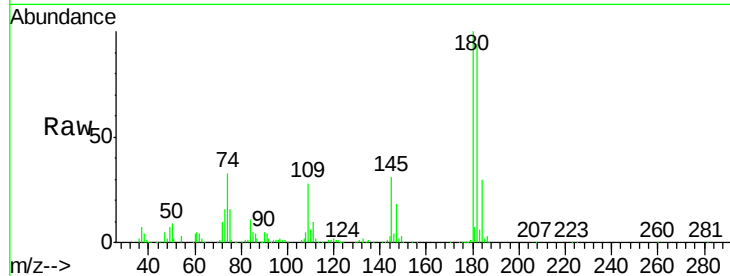
#93
1,2,4-Trichlorobenzene
Concen: 46.02 ug/l
RT: 13.65 min Scan# 2143
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 16:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

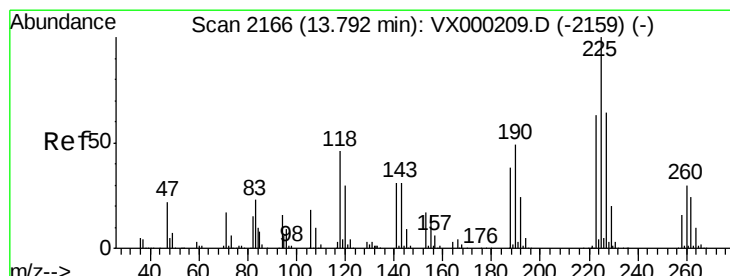
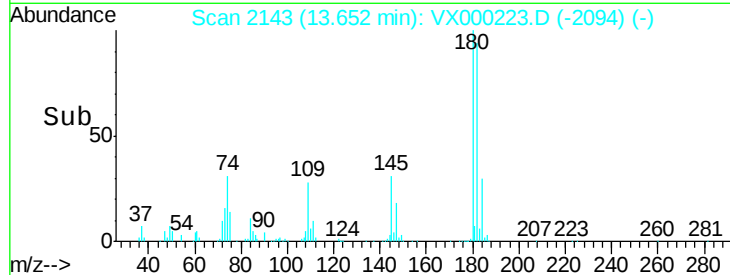
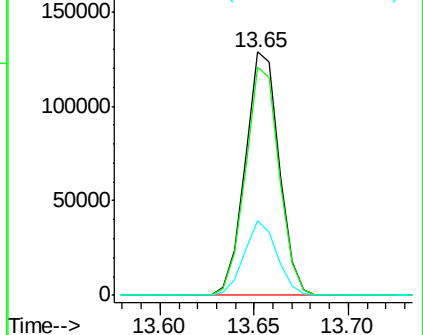
Tot Ion	Ratio	Resp	Lower	Upper
180	100	160160		
182	93.6	47.0	141.0	
145	29.8	15.3	45.9	

Manual Integrations
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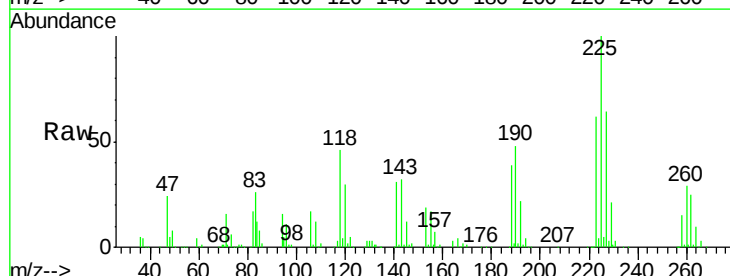


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

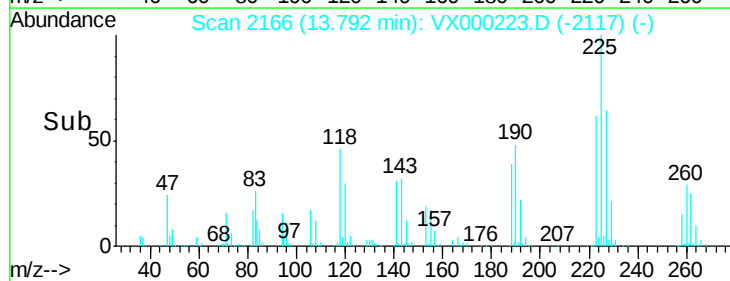
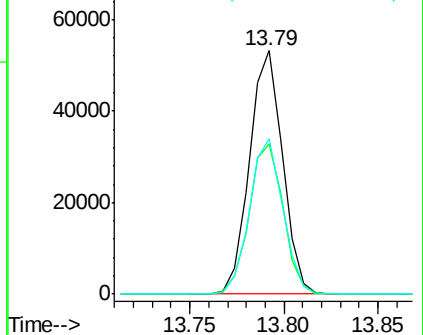


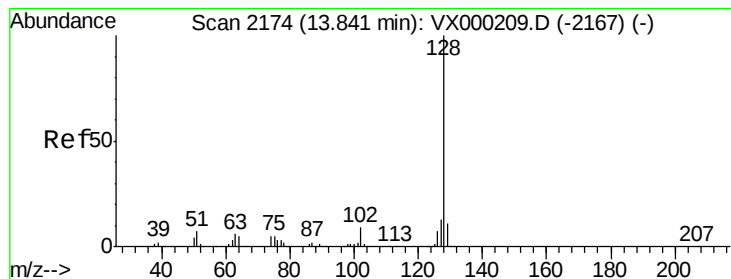
#94
Hexachlorobutadiene
Concen: 44.69 ug/l
RT: 13.79 min Scan# 2166
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	64737		
223	63.3	31.8	95.3	
227	63.9	31.9	95.5	



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 46.34 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 16:37

Instrument :

MSVOA_X

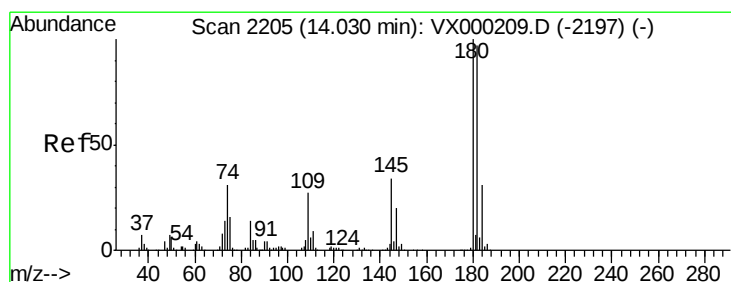
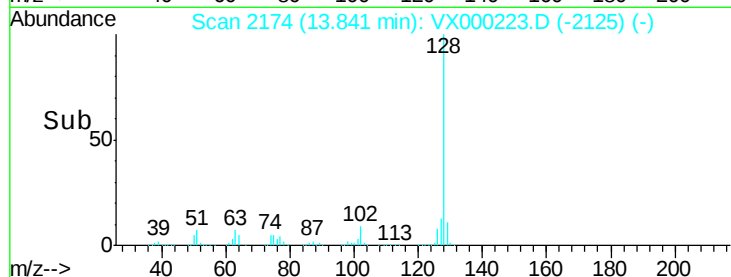
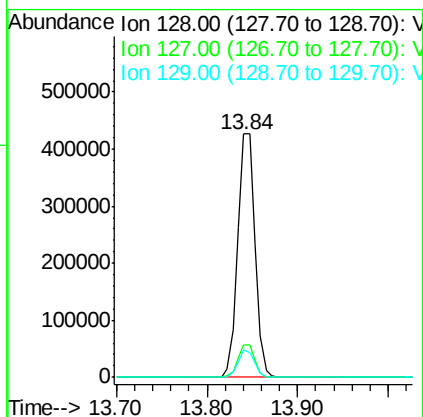
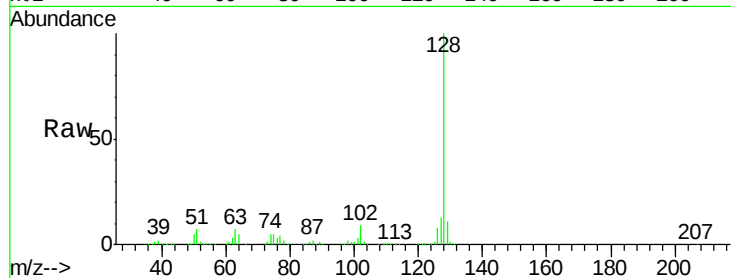
ClientSampled :

VSTDCCC050

Tot Ion:	128	Resp:	562794
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.5	15.7
129	10.8	8.6	13.0

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 44.71 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 16:37

Tgt Ion:	180	Resp:	153925
Ion Ratio	Lower	Upper	
180	100		
182	94.6	48.0	144.0
145	31.7	16.3	48.8

