

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041518\
 Data File : VX000911.D
 Acq On : 15 Apr 2018 21:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 4/16/2018 3:35:11 PM

Quant Time: Apr 16 07:47:10 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	250921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	340834	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	325096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	218389	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	149496	47.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.50%	
35) Dibromofluoromethane	5.51	113	127886	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
50) Toluene-d8	8.72	98	466848	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
62) 4-Bromofluorobenzene	11.15	95	190479	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	133469	47.12	ug/l	100
3) Chloromethane	1.32	50	116068	47.79	ug/l	99
4) Vinyl Chloride	1.41	62	135472	49.59	ug/l	97
5) Bromomethane	1.64	94	78448	69.93	ug/l	98
6) Chloroethane	1.73	64	82266	49.69	ug/l	100
7) Trichlorofluoromethane	1.93	101	205292	49.81	ug/l	98
8) Diethyl Ether	2.19	74	78052	50.70	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	122133	50.26	ug/l	99
10) Methyl Iodide	2.52	142	85385	45.95	ug/l	99
11) Tert butyl alcohol	3.07	59	110524	196.76	ug/l	100
12) 1,1-Dichloroethene	2.38	96	112390	48.80	ug/l	99
13) Acrolein	2.30	56	37907	138.96	ug/l	96
14) Allyl chloride	2.73	41	204897	48.12	ug/l	100
15) Acrylonitrile	3.15	53	298802	249.50	ug/l	99
16) Acetone	2.45	43	240203	220.16	ug/l	100
17) Carbon Disulfide	2.57	76	288716	41.40	ug/l	99
18) Methyl Acetate	2.78	43	152686	54.08	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	396344	51.67	ug/l	99
20) Methylene Chloride	2.86	84	125300	49.38	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	123568	48.66	ug/l	99
22) Diisopropyl ether	3.87	45	425748	54.40	ug/l	94
23) Vinyl Acetate	3.83	43	1750111	254.71	ug/l	99
24) 1,1-Dichloroethane	3.70	63	229400	52.24	ug/l	100
25) 2-Butanone	4.71	43	419325	232.74	ug/l	99
26) 2,2-Dichloropropane	4.59	77	186627	42.82	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	148065	51.38	ug/l	97
28) Bromochloromethane	5.03	49	87946	49.73	ug/l	99
29) Tetrahydrofuran	5.17	42	269735	235.78	ug/l	99
30) Chloroform	5.23	83	240520	51.73	ug/l	96
31) Cyclohexane	5.59	56	200633	48.11	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	219716	49.60	ug/l	100
36) 1,1-Dichloropropene	5.81	75	181988	48.48	ug/l	98
37) Ethyl Acetate	4.87	43	171218	46.72	ug/l	100
38) Carbon Tetrachloride	5.79	117	193277	46.00	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	203075	45.05	ug/l	97
40) Benzene	6.15	78	524785	50.32	ug/l	100
41) Methacrylonitrile	5.07	41	102575	48.45	ug/l	99
42) 1,2-Dichloroethane	6.20	62	194693	49.98	ug/l	99
43) Isopropyl Acetate	6.47	43	299094	47.61	ug/l	100
44) Trichloroethene	7.22	130	159139	49.06	ug/l	98
45) 1,2-Dichloropropane	7.52	63	136609	51.44	ug/l	96
46) Dibromomethane	7.67	93	92180	49.78	ug/l	99
47) Bromodichloromethane	7.90	83	180583	48.32	ug/l	97
48) Methyl methacrylate	7.79	41	156471	48.05	ug/l	99
49) 1,4-Dioxane	7.76	88	48740	744.77	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	897103	243.09	ug/l	100
52) Toluene	8.79	92	346011	50.01	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	217603	48.54	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	205567	47.09	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	139532	50.80	ug/l	99
56) Ethyl methacrylate	9.19	69	209992	49.56	ug/l	98
57) 1,3-Dichloropropane	9.38	76	225520	51.64	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	526381	265.87	ug/l	100
59) 2-Hexanone	9.51	43	661127	232.05	ug/l	100
60) Dibromochloromethane	9.59	129	157099	47.80	ug/l	100
61) 1,2-Dibromoethane	9.68	107	148027	50.80	ug/l	99
64) Tetrachloroethene	9.34	164	162178	51.02	ug/l	100
65) Chlorobenzene	10.15	112	411883	50.36	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	150617	48.93	ug/l	100
67) Ethyl Benzene	10.26	91	682285	50.04	ug/l	99
68) m/p-Xylenes	10.37	106	535138	99.44	ug/l	100
69) o-Xylene	10.71	106	261558	50.43	ug/l	100
70) Styrene	10.72	104	441453	50.48	ug/l	99
71) Bromoform	10.87	173	127914	44.88	ug/l	99
73) Isopropylbenzene	11.02	105	703328	50.77	ug/l	100
74) N-amyl acetate	6.47	43	299094	47.94	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	199135	49.53	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	185870m	49.35	ug/l	
77) Bromobenzene	11.26	156	204120	50.27	ug/l	100
78) n-propylbenzene	11.37	91	789761	49.84	ug/l	100
79) 2-Chlorotoluene	11.43	91	468288	50.00	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	592545	49.73	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	57023	41.65	ug/l	95
82) 4-Chlorotoluene	11.52	91	553899	48.99	ug/l	100
83) tert-Butylbenzene	11.77	119	605698	49.69	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	613489	49.87	ug/l	99
85) sec-Butylbenzene	11.95	105	701993	48.82	ug/l	100
86) p-Isopropyltoluene	12.07	119	649153	48.41	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	377266	50.20	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	384640	49.94	ug/l	99
89) n-Butylbenzene	12.40	91	561836	47.47	ug/l	100
90) Hexachloroethane	12.60	117	98523	43.42	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	370283	51.04	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	42113	41.80	ug/l	99

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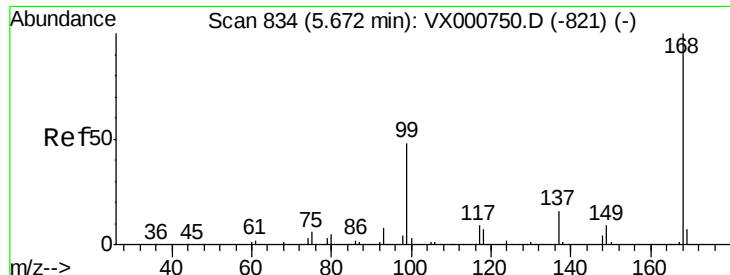
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	302963	48.94	ug/l	99
94) Hexachlorobutadiene	13.79	225	128836	42.32	ug/l	100
95) Naphthalene	13.84	128	776921	48.89	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	296049	49.24	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 250921

Ion Ratio Lower Upper

168 100

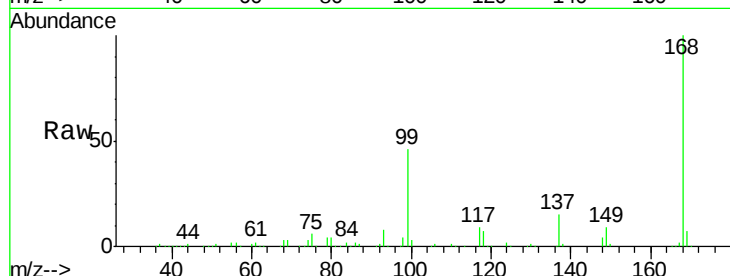
99 46.2 38.3 57.5

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

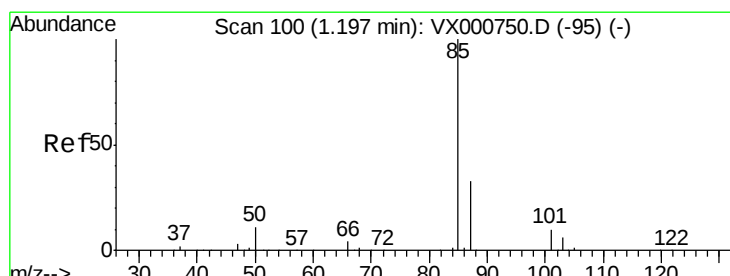
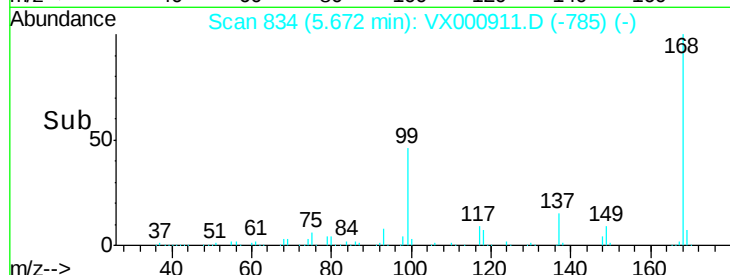
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 47.12 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000911.D

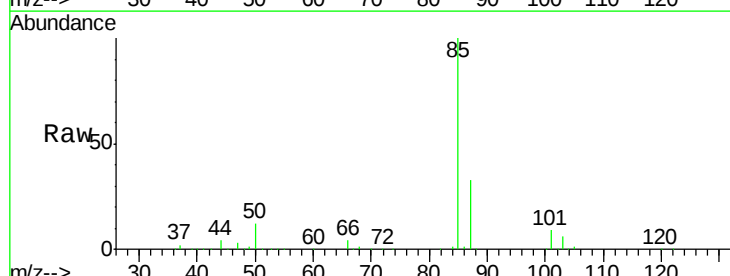
Acq: 15 Apr 2018 21:16

Tgt Ion: 85 Resp: 133469

Ion Ratio Lower Upper

85 100

87 32.6 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

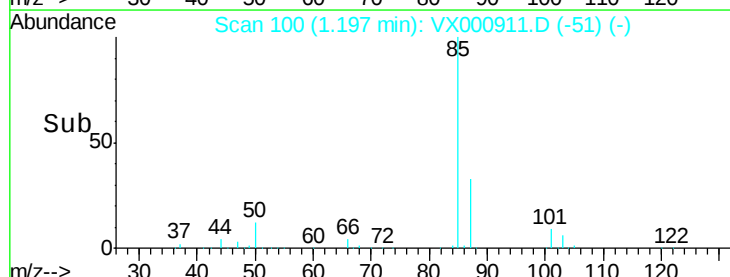
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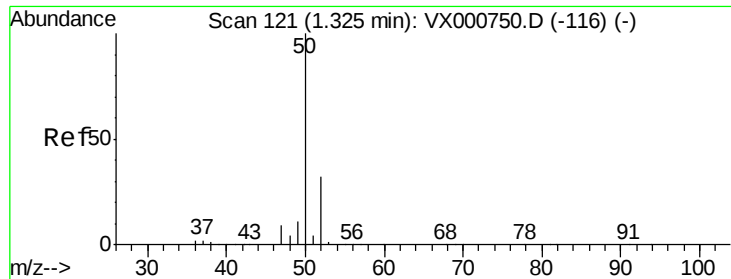
100000

50000

0

Time--> 1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 47.79 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 116068

Ion Ratio Lower Upper

50 100

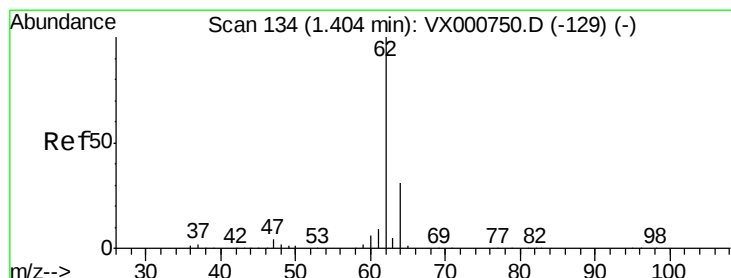
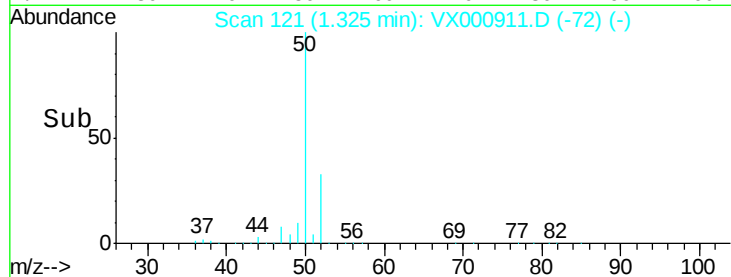
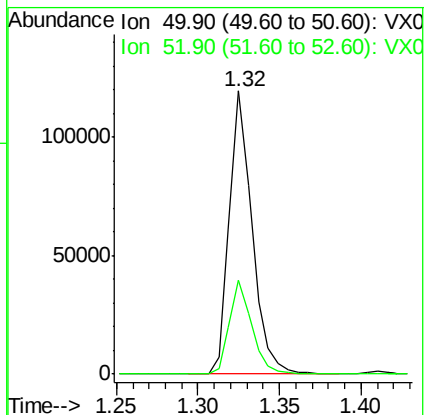
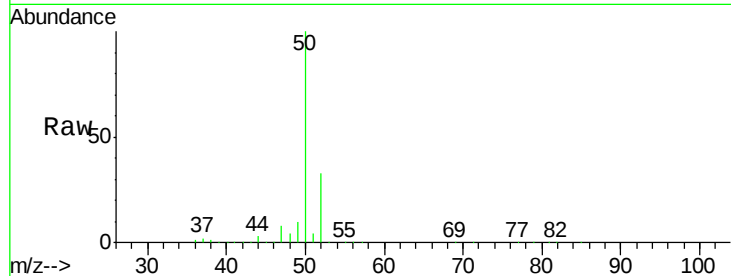
52 33.0 25.8 38.8

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#4

Vinyl Chloride

Concen: 49.59 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX000911.D

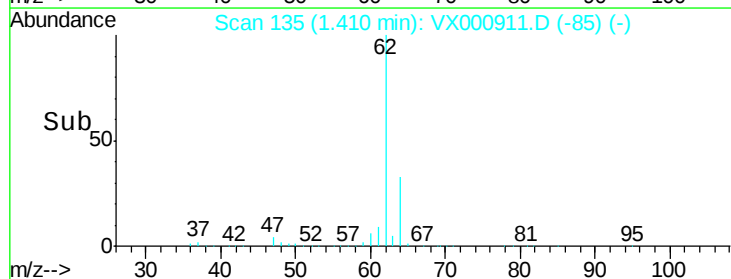
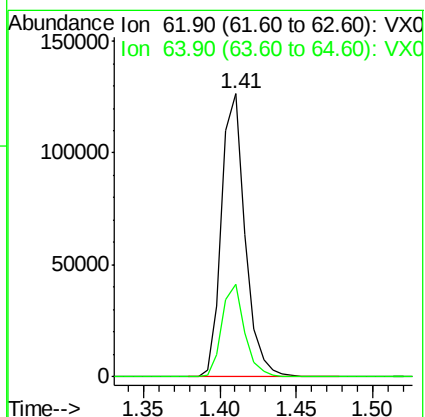
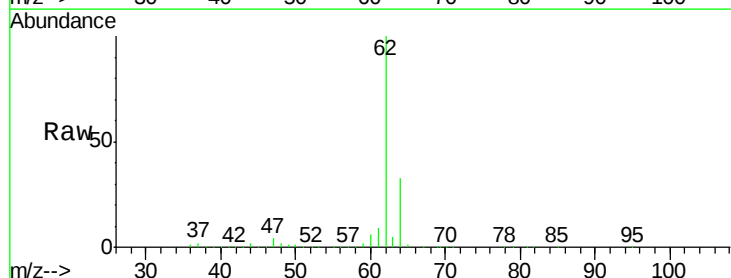
Acq: 15 Apr 2018 21:16

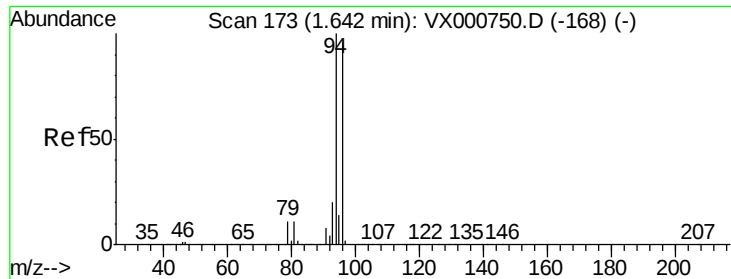
Tgt Ion: 62 Resp: 135472

Ion Ratio Lower Upper

62 100

64 32.6 24.6 36.8





#5

Bromomethane

Concen: 69.93 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 78448

Ion Ratio Lower Upper

94 100

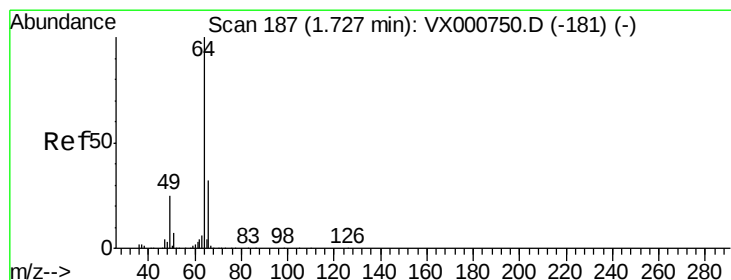
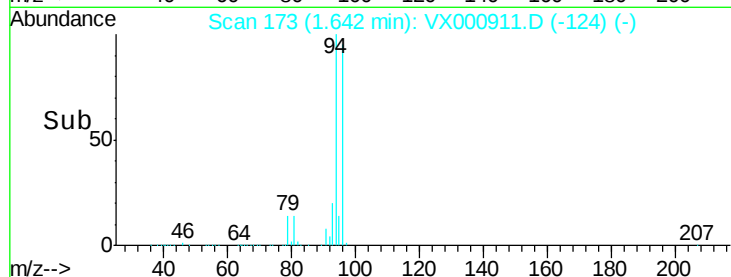
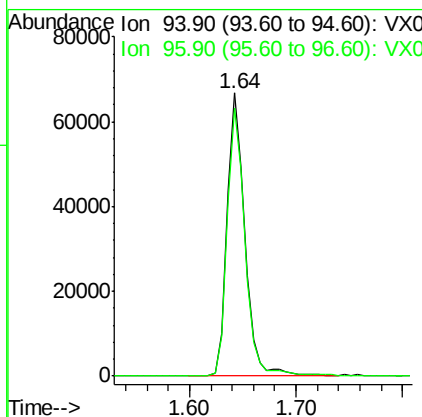
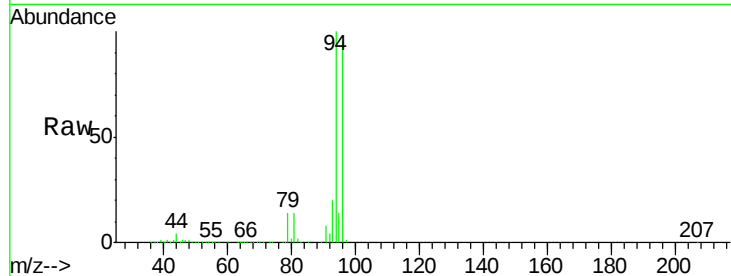
96 94.6 77.0 115.6

Manual Integrations

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#6

Chloroethane

Concen: 49.69 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX000911.D

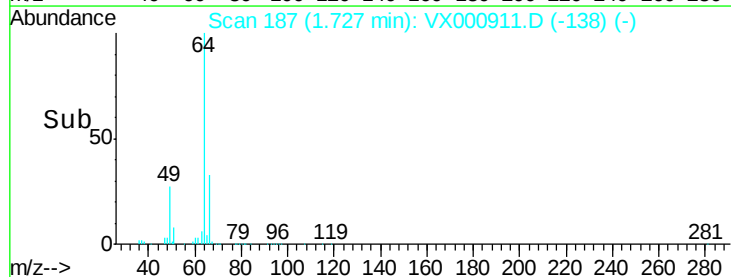
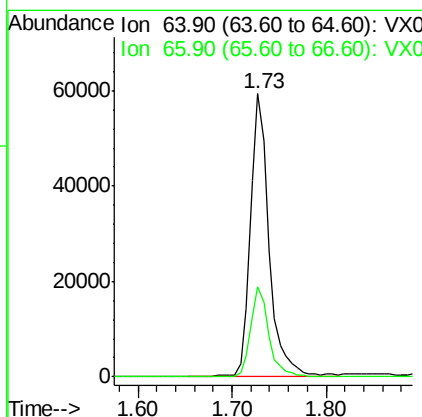
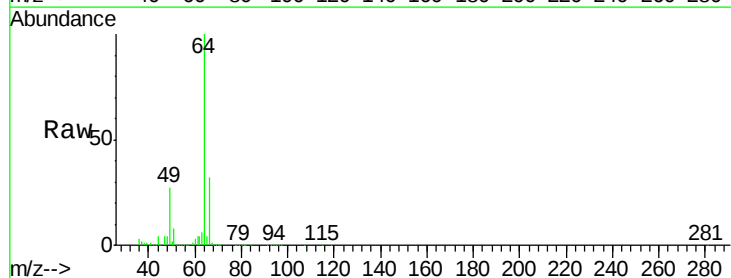
Acq: 15 Apr 2018 21:16

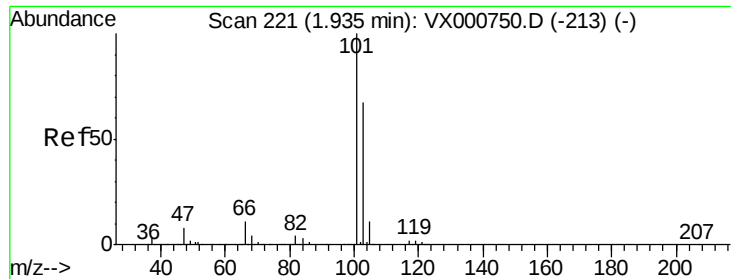
Tgt Ion: 64 Resp: 82266

Ion Ratio Lower Upper

64 100

66 31.9 25.3 37.9





#7

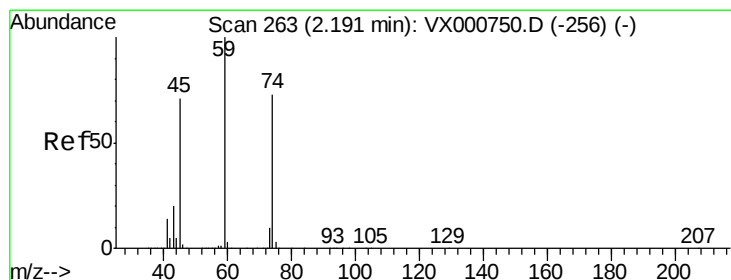
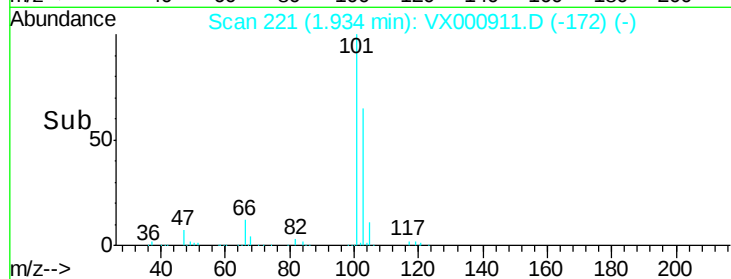
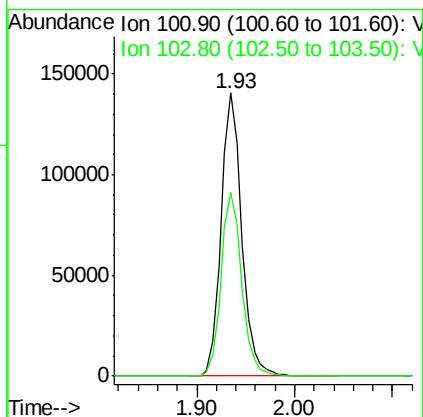
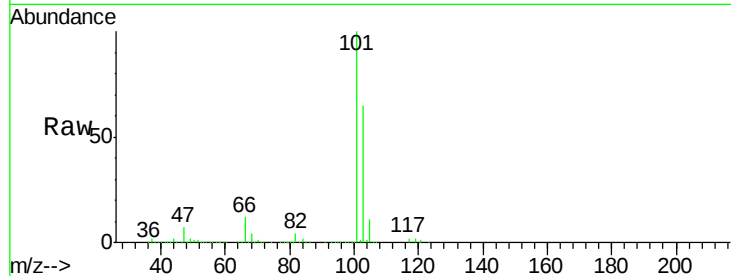
Trichlorofluoromethane
 Concen: 49.81 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000911.D
 Acq: 15 Apr 2018 21:16

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	53.2	79.8

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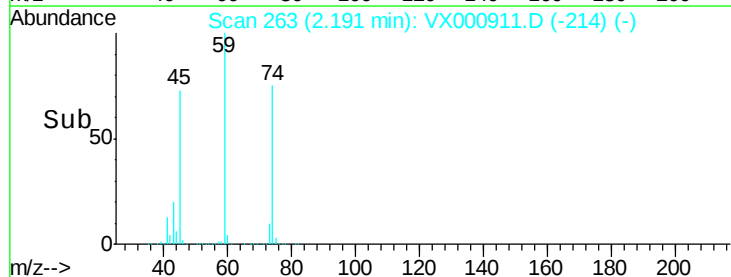
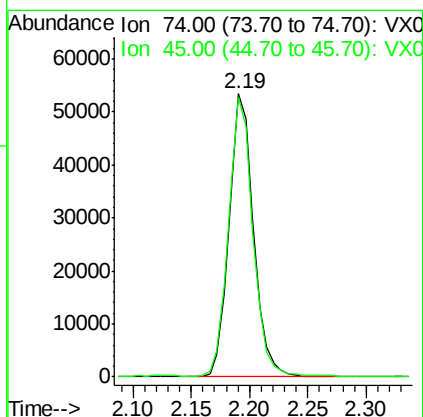
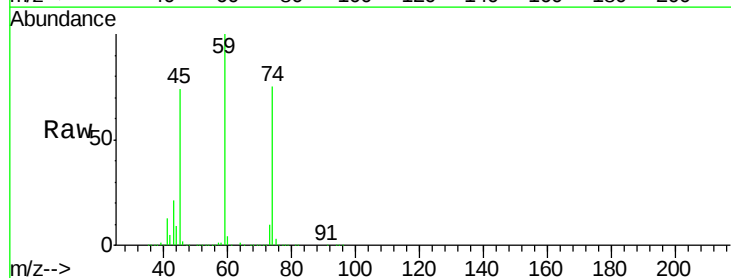
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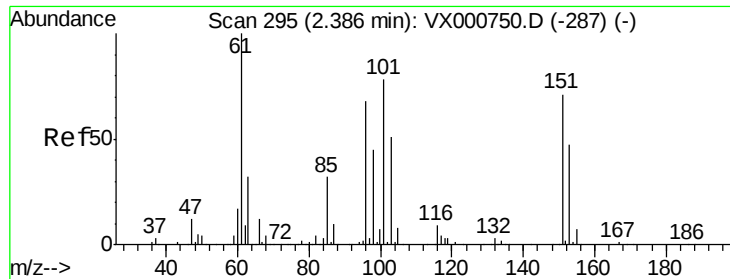


#8

Diethyl Ether
 Concen: 50.70 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX000911.D
 Acq: 15 Apr 2018 21:16

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.0	48.6	145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.26 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Instrument :

MSVOA_X

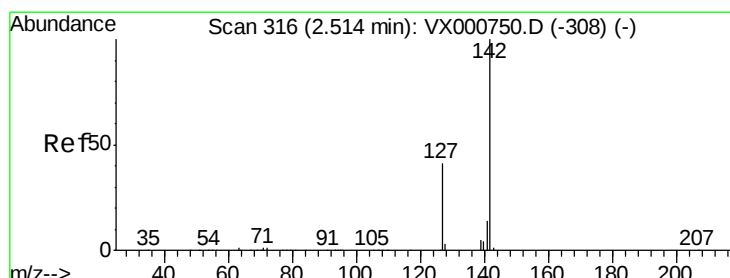
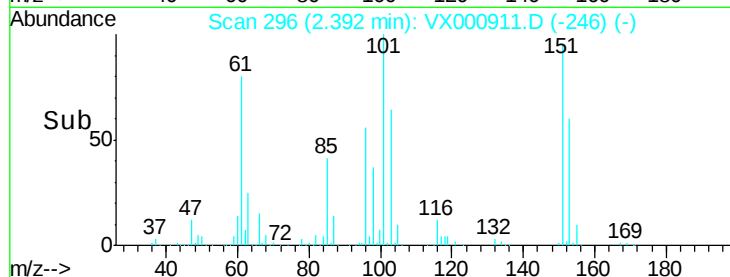
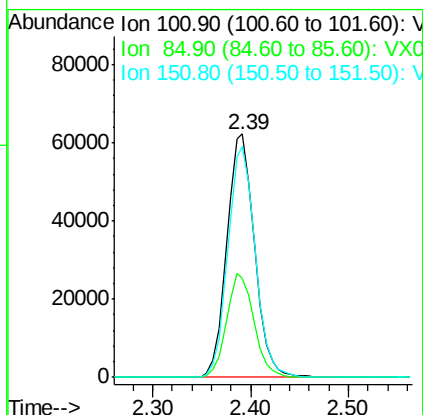
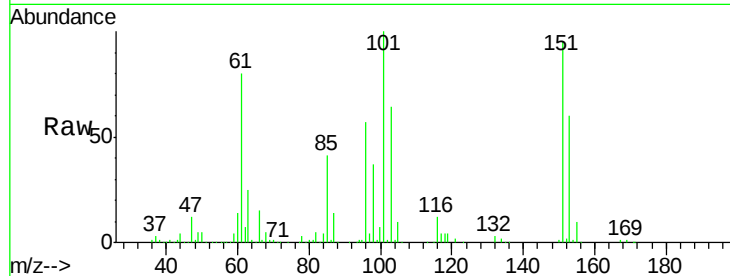
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	122133
Ion Ratio	Lower	Upper	
101	100		
85	42.2	34.0	51.0
151	93.7	75.8	113.8

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#10

Methyl Iodide

Concen: 45.95 ug/l

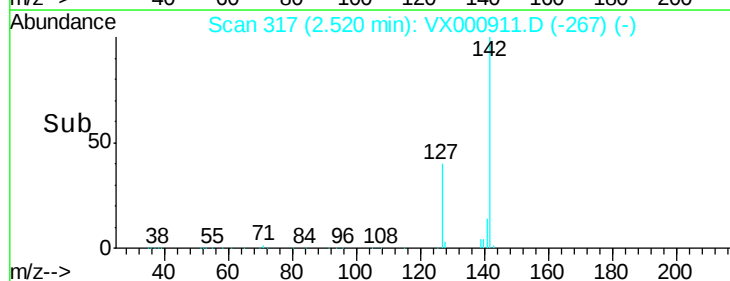
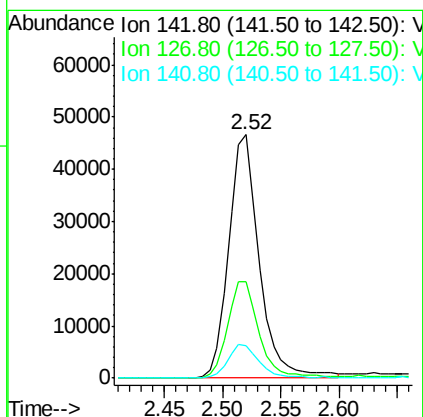
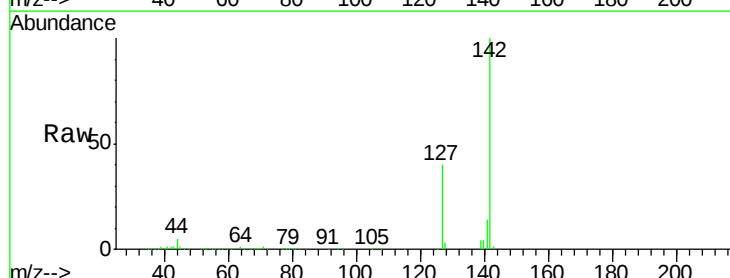
RT: 2.52 min Scan# 317

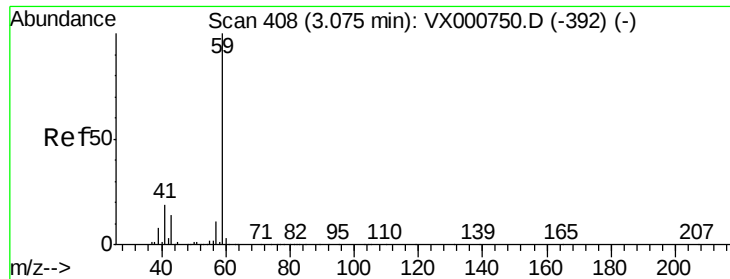
Delta R.T. 0.01 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Tgt Ion:	142	Resp:	85385
Ion Ratio	Lower	Upper	
142	100		
127	41.3	32.6	49.0
141	14.2	11.5	17.3





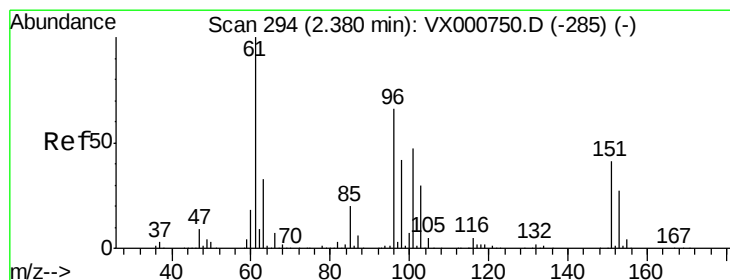
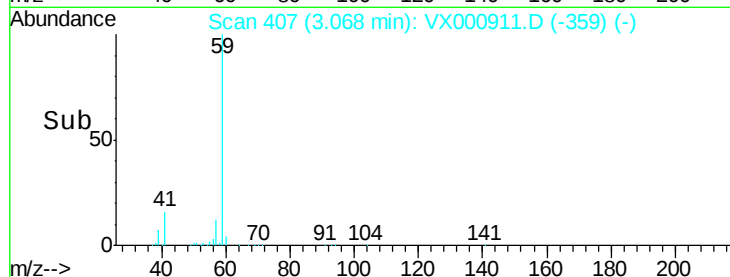
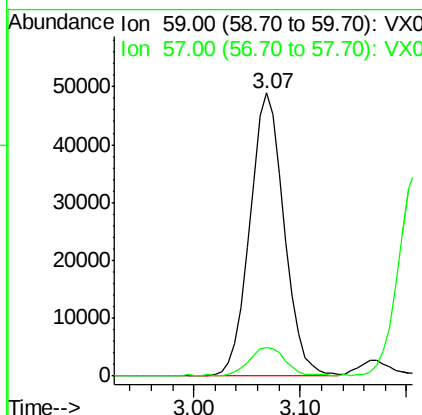
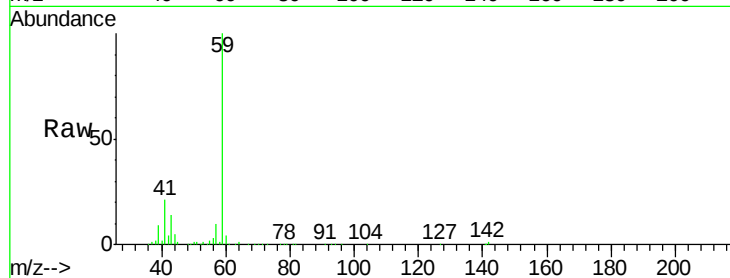
#11
Tert butyl alcohol
Concen: 196.76 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX000911.D
Acq: 15 Apr 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 110524
Ion Ratio Lower Upper
59 100
57 10.3 8.4 12.6

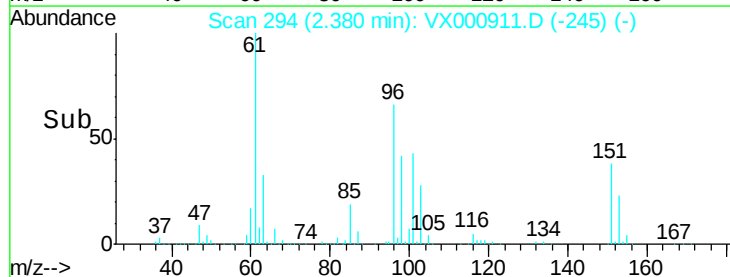
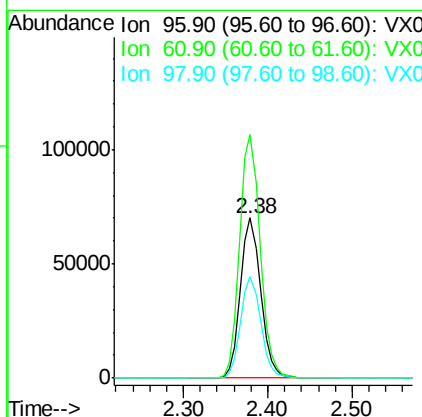
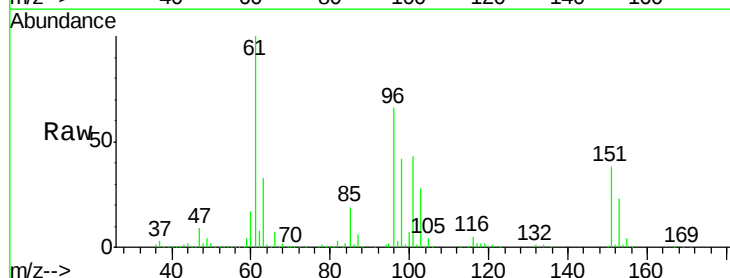
Manual Integrations
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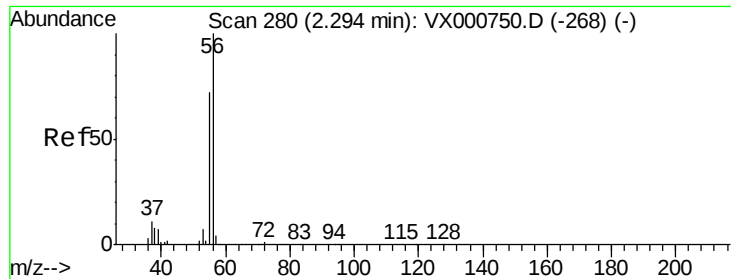
apatel
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#12
1,1-Dichloroethene
Concen: 48.80 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000911.D
Acq: 15 Apr 2018 21:16

Tgt Ion: 96 Resp: 112390
Ion Ratio Lower Upper
96 100
61 152.3 120.5 180.7
98 63.2 50.9 76.3





#13

Acrolein

Concen: 138.96 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 37907

Ion Ratio Lower Upper

56 100

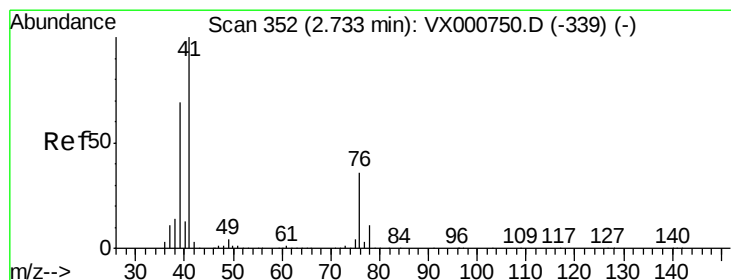
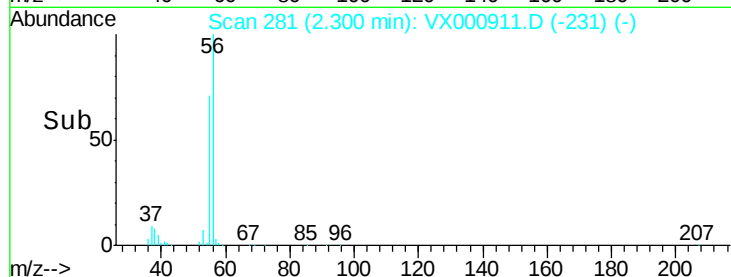
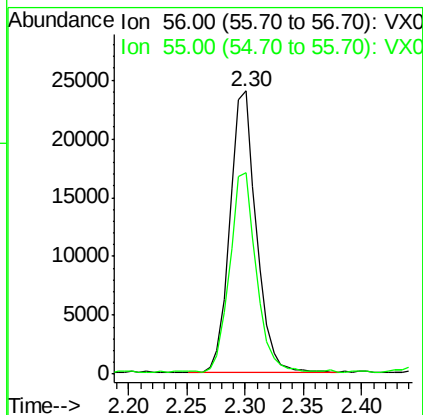
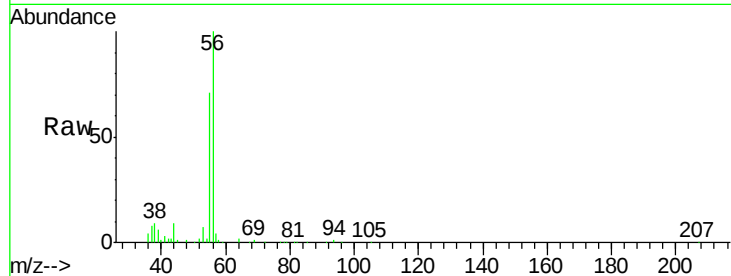
55 69.8 58.7 88.1

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#14

Allyl chloride

Concen: 48.12 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

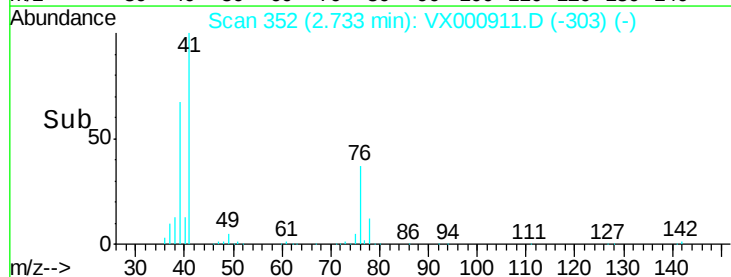
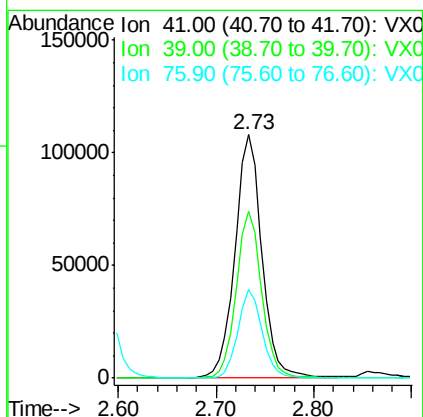
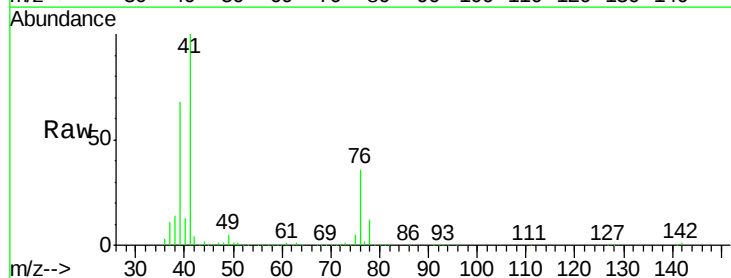
Tgt Ion: 41 Resp: 204897

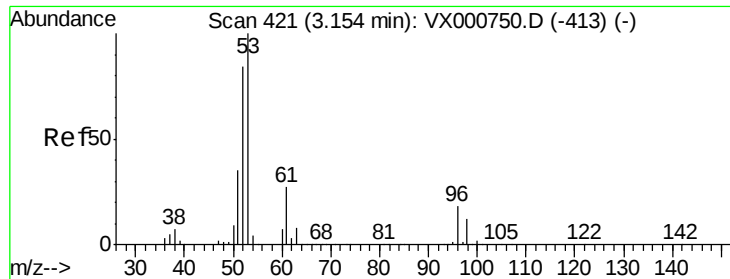
Ion Ratio Lower Upper

41 100

39 64.7 51.5 77.3

76 33.1 26.5 39.7





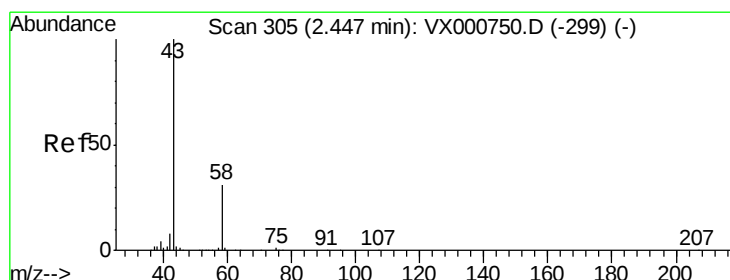
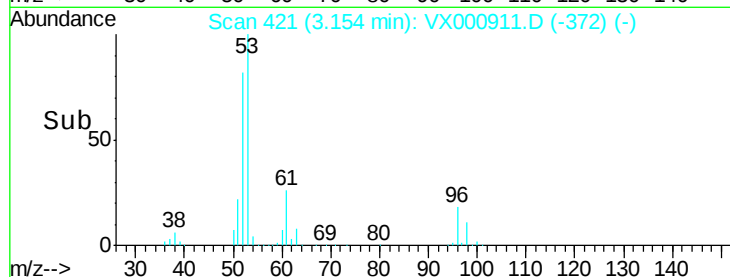
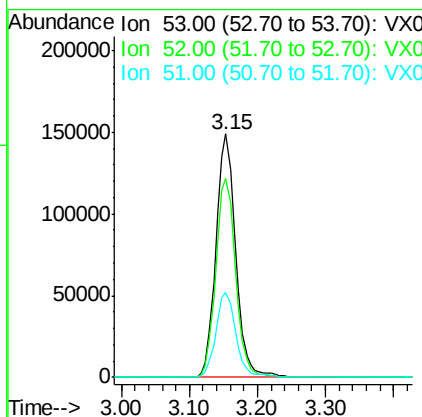
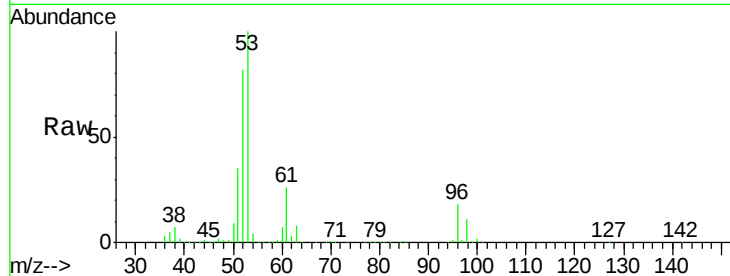
#15
 Acrylonitrile
 Concen: 249.50 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: VX000911.D
 Acq: 15 Apr 2018 21:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.5	99.7
51	35.8	28.8	43.2

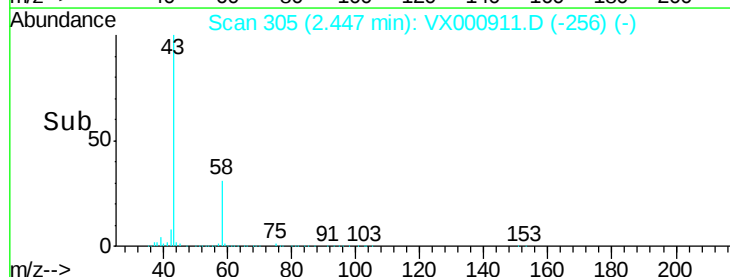
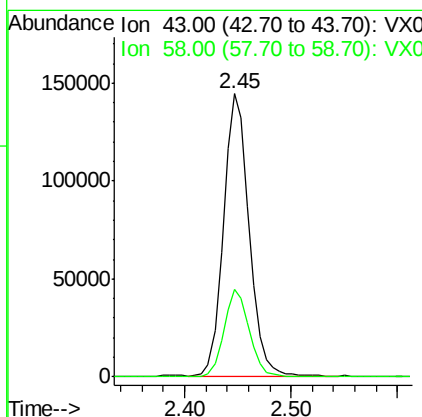
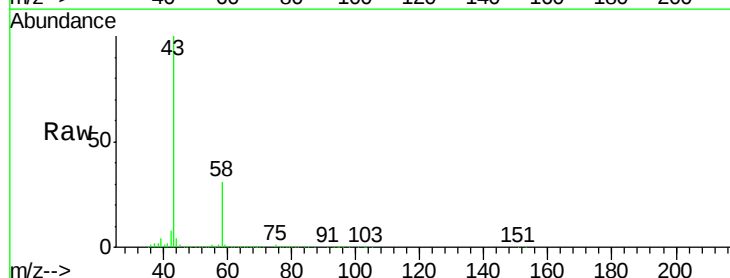
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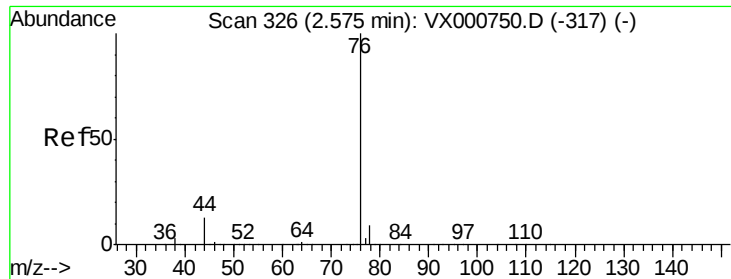
apatel
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#16
 Acetone
 Concen: 220.16 ug/l
 RT: 2.45 min Scan# 305
 Delta R.T. -0.00 min
 Lab File: VX000911.D
 Acq: 15 Apr 2018 21:16

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.8	24.6	37.0





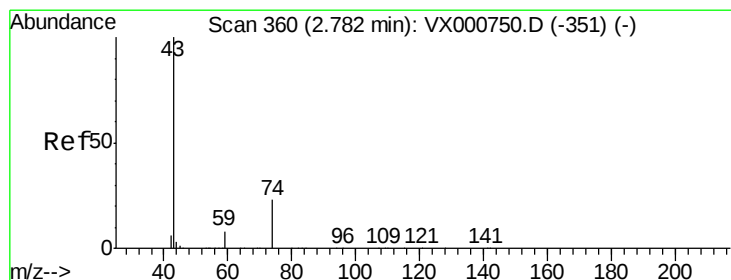
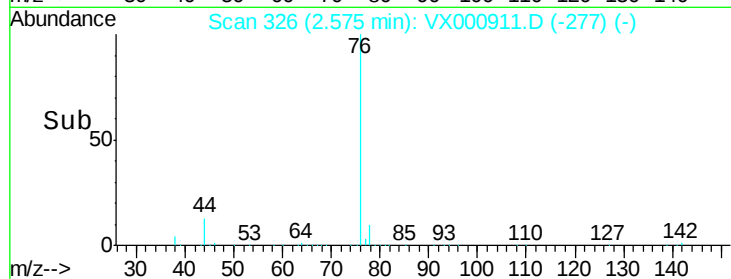
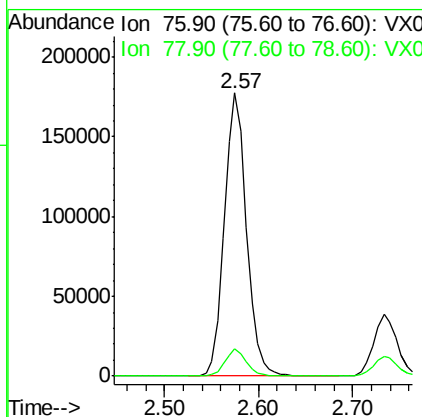
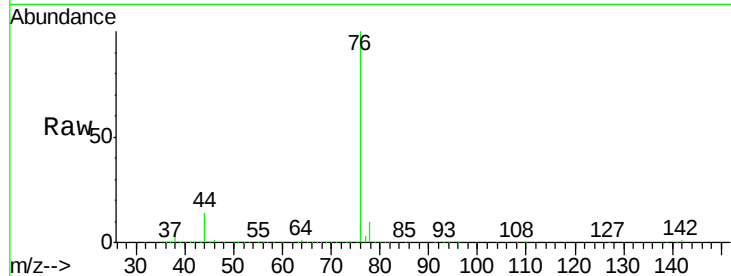
#17
Carbon Disulfide
Concen: 41.40 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX000911.D
Acq: 15 Apr 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.4	11.2

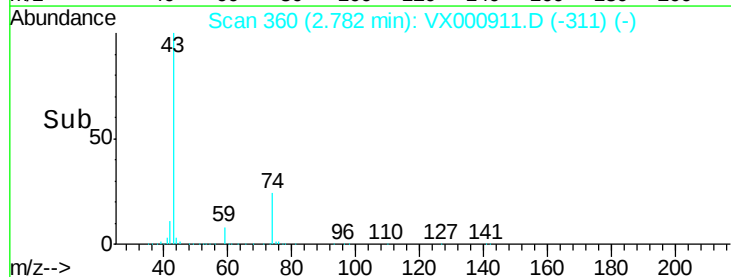
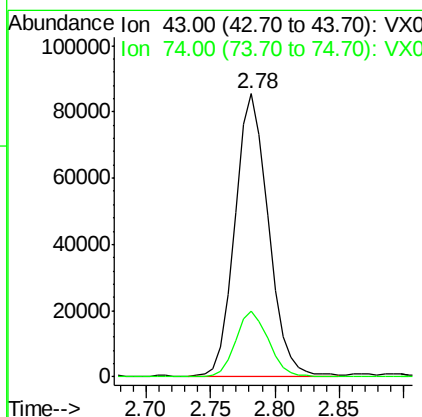
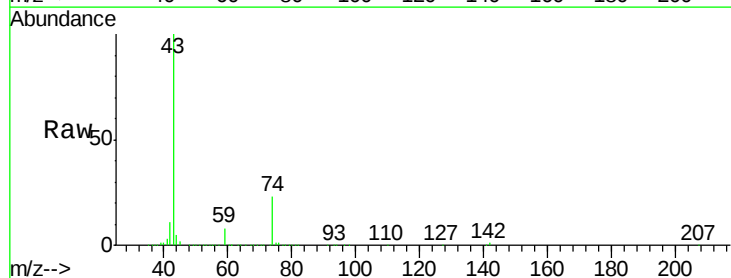
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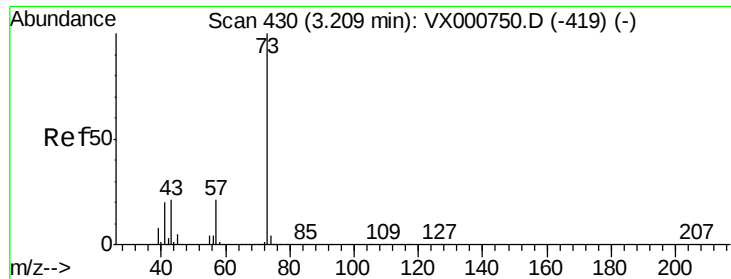
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#18
Methyl Acetate
Concen: 54.08 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX000911.D
Acq: 15 Apr 2018 21:16

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.4	19.1	28.7





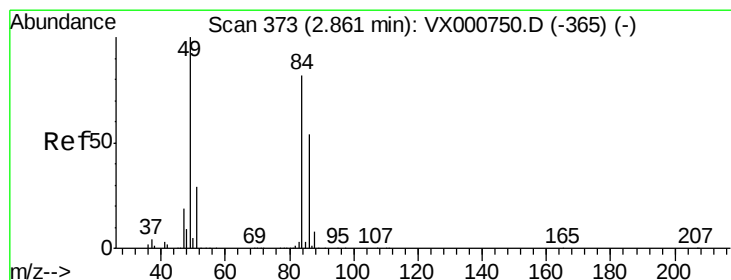
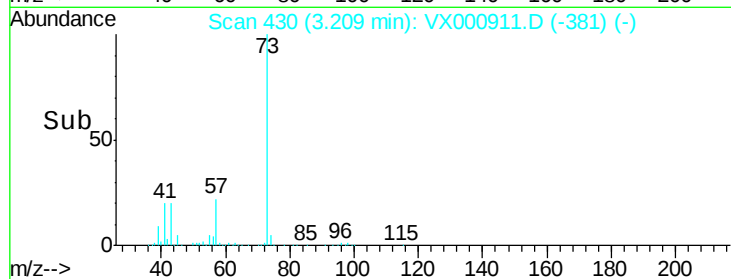
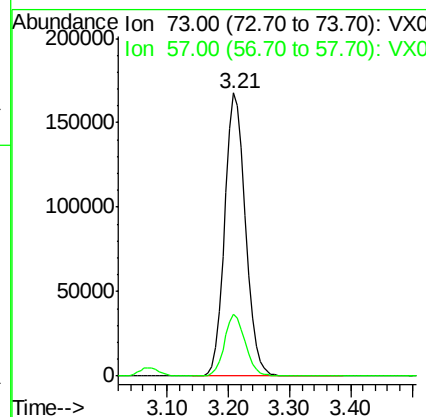
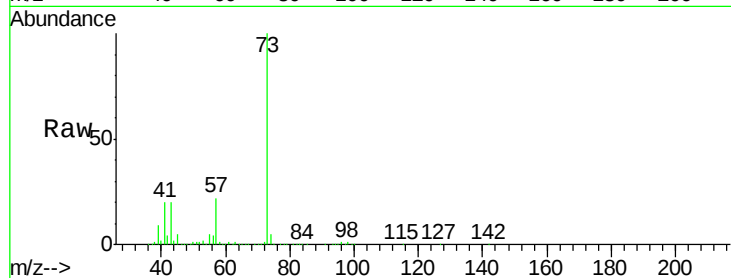
#19
Methyl tert-butyl Ether
Concen: 51.67 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX000911.D
Acq: 15 Apr 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	16.9	25.3

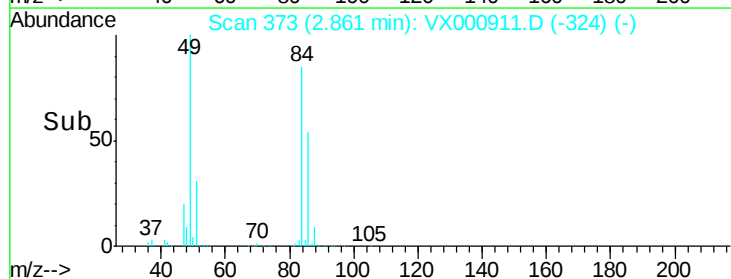
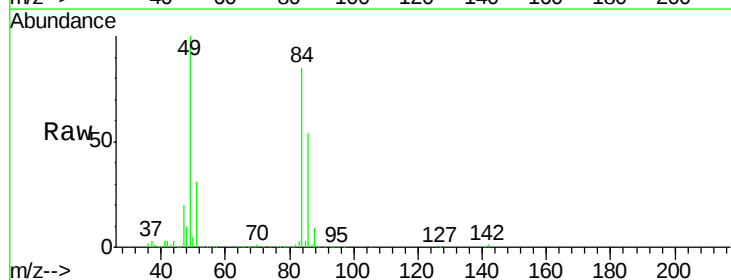
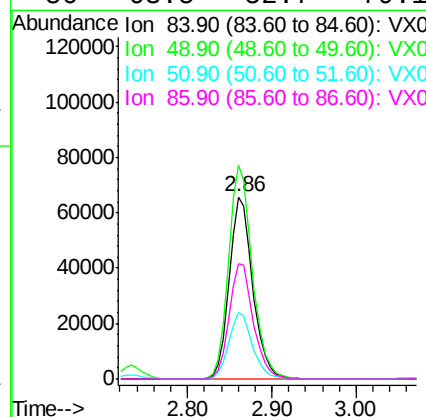
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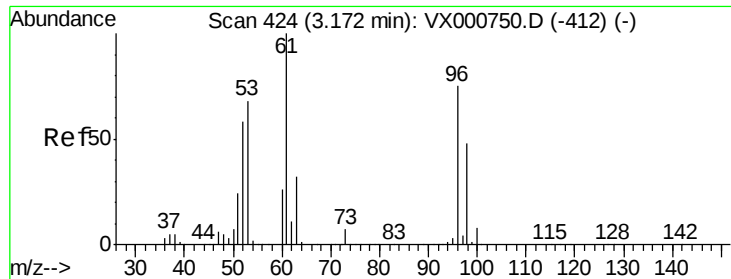
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#20
Methylene Chloride
Concen: 49.38 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000911.D
Acq: 15 Apr 2018 21:16

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.5	98.1	147.1
51	36.8	28.9	43.3
86	63.5	52.7	79.1





#21

trans-1,2-Dichloroethene

Concen: 48.66 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Instrument :

MSVOA_X

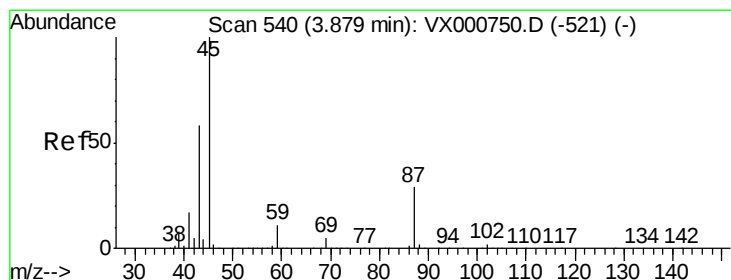
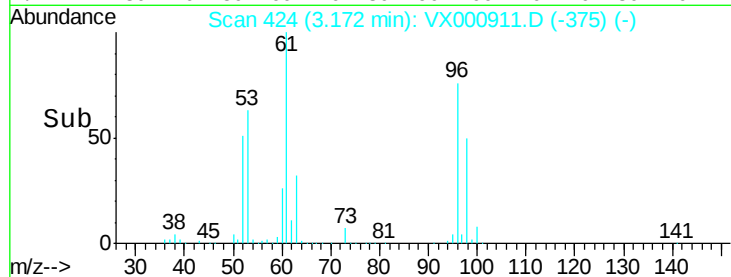
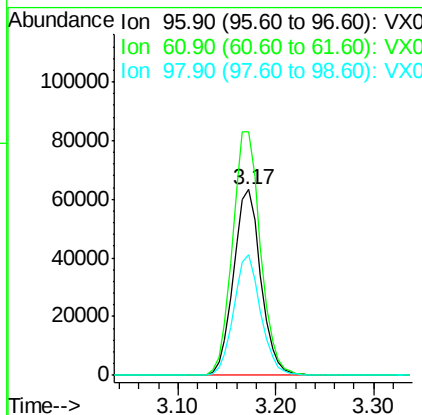
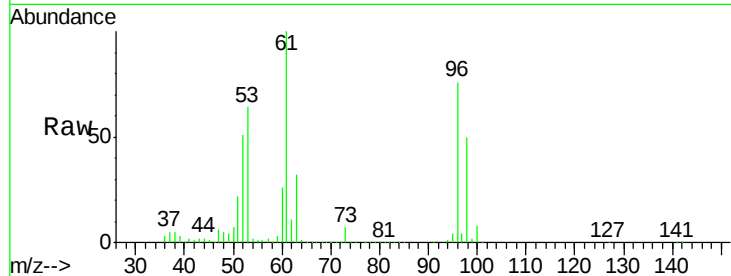
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	123568
Ion	Ratio	Lower	Upper
96	100		
61	131.1	106.2	159.2
98	65.0	51.2	76.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 54.40 ug/l

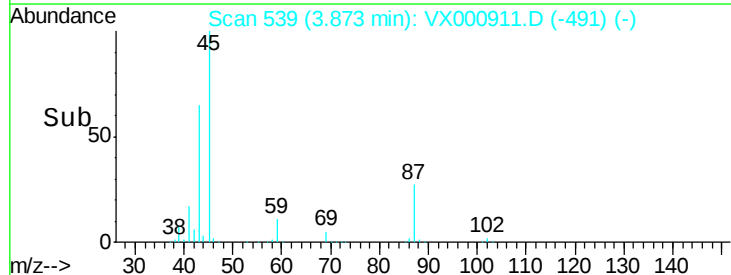
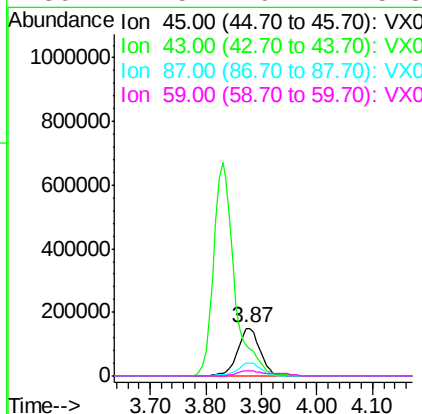
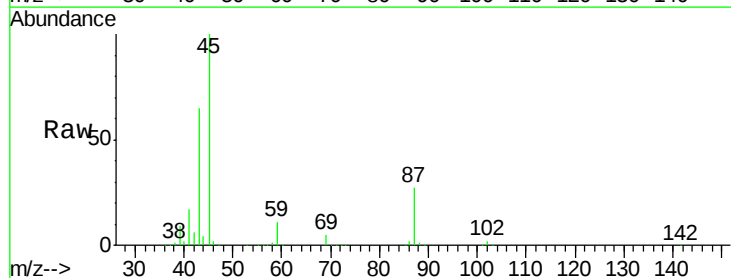
RT: 3.87 min Scan# 539

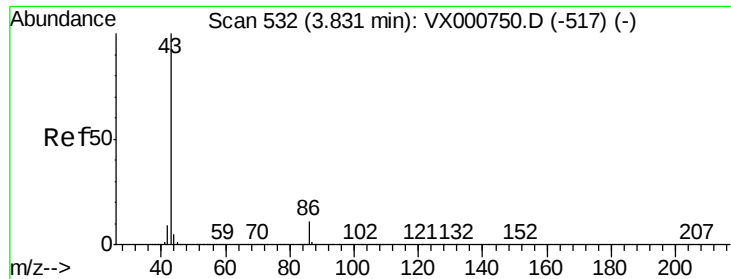
Delta R.T. -0.01 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Tgt Ion:	45	Resp:	425748
Ion	Ratio	Lower	Upper
45	100		
43	64.6	46.6	69.8
87	27.3	22.9	34.3
59	11.5	9.2	13.8





#23

Vinyl Acetate

Concen: 254.71 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Tot Ion: 43 Resp: 1750111

Ion Ratio Lower Upper

43 100

86 10.4 8.6 12.8

Instrument :

MSVOA_X

ClientSampleId :

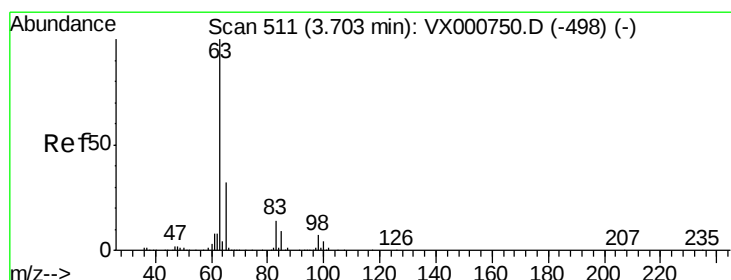
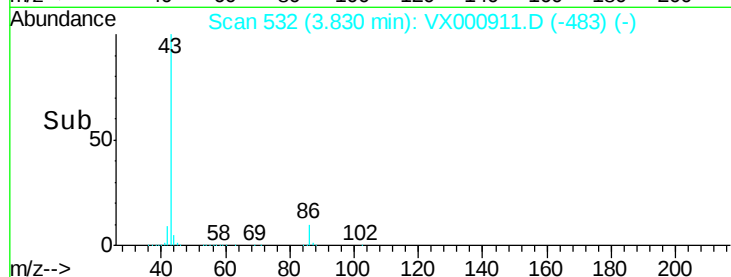
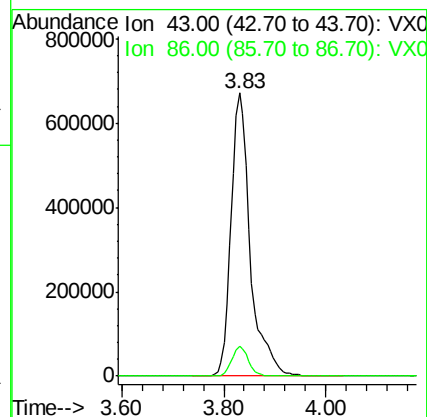
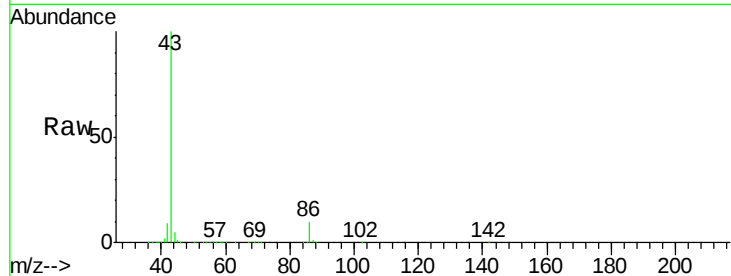
VSTDCCC050EC

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#24

1,1-Dichloroethane

Concen: 52.24 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

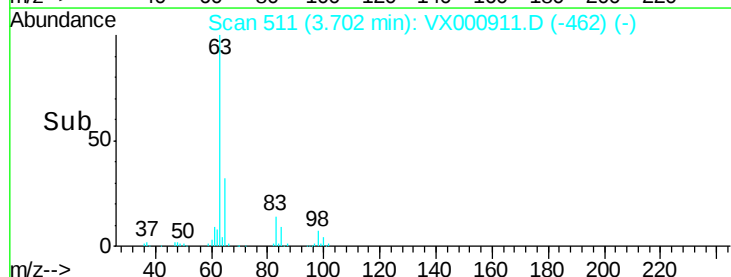
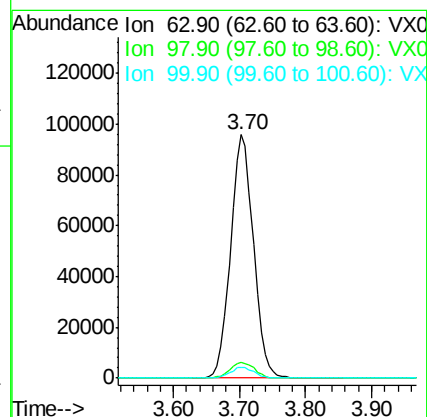
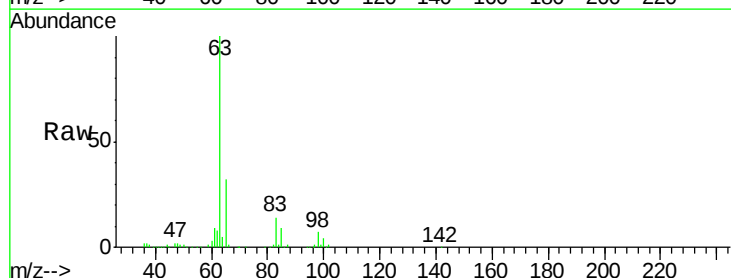
Tgt Ion: 63 Resp: 229400

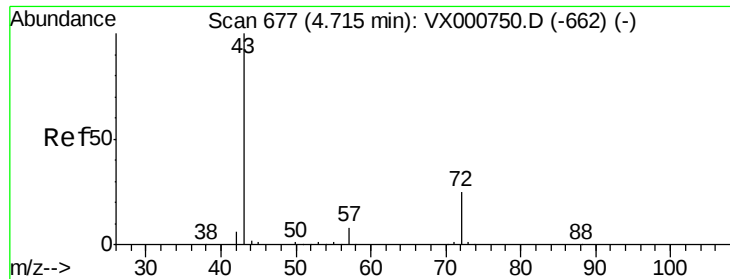
Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.9

100 4.3 2.1 6.3





#25

2-Butanone

Concen: 232.74 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 419325

Ion Ratio Lower Upper

43 100

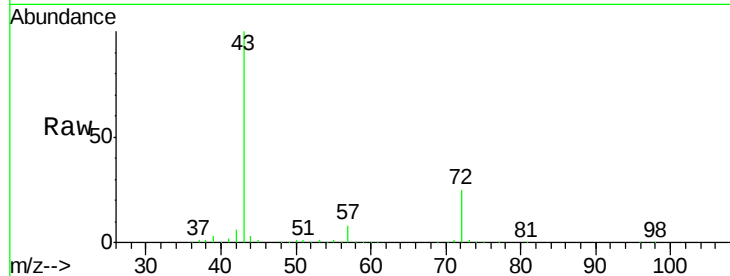
72 24.9 20.3 30.5

Manual Integrations

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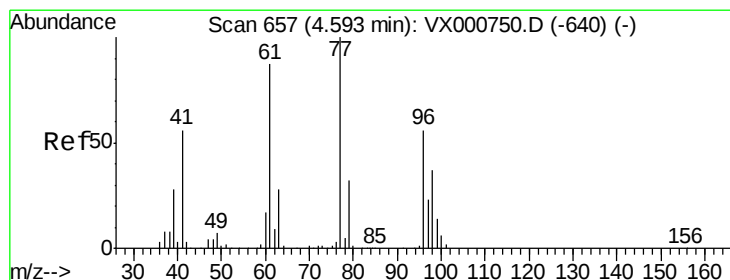
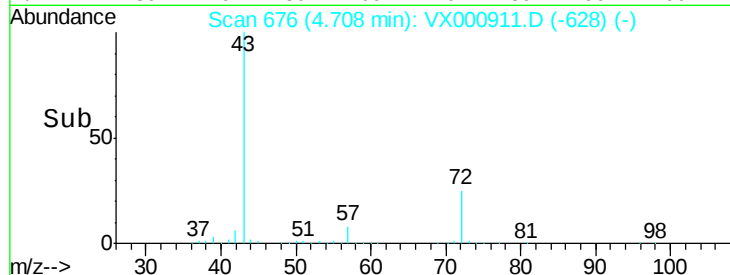
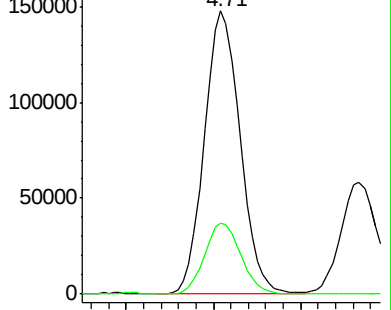
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 42.82 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000911.D

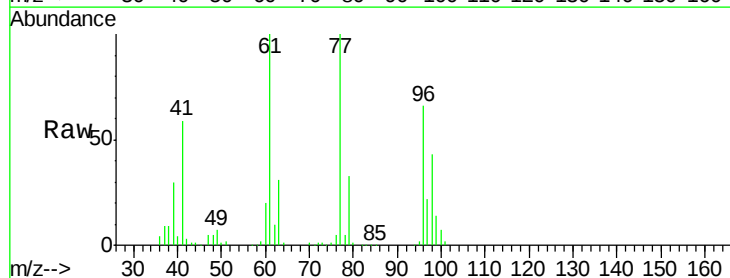
Acq: 15 Apr 2018 21:16

Tgt Ion: 77 Resp: 186627

Ion Ratio Lower Upper

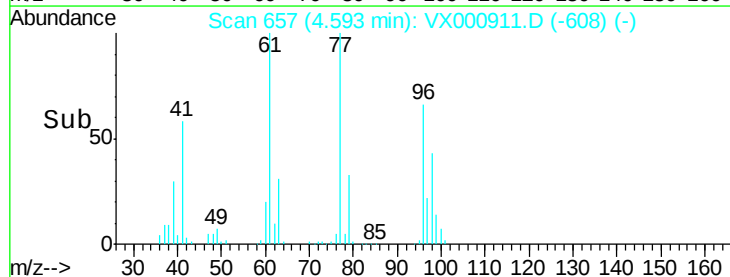
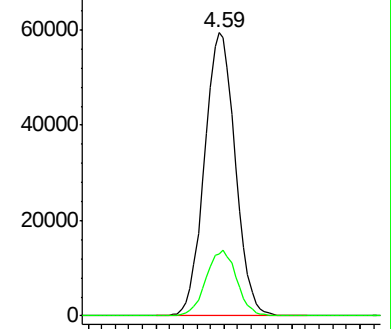
77 100

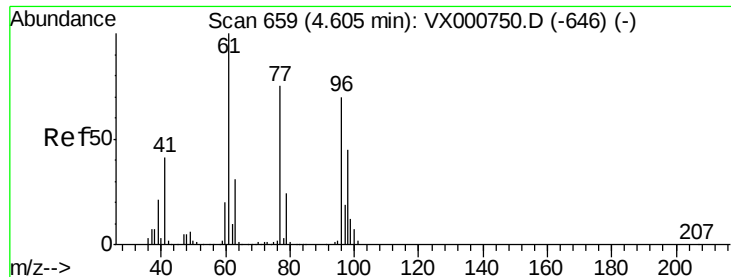
97 23.1 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

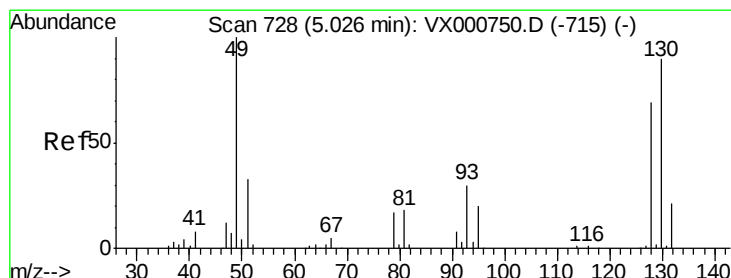
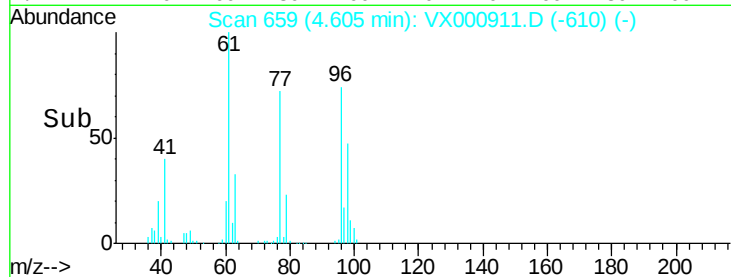
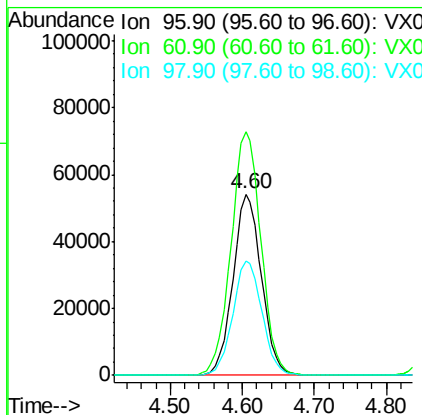
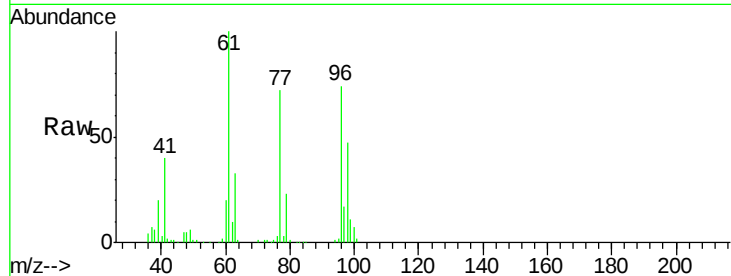
cis-1,2-Dichloroethene
Concen: 51.38 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX000911.D
Acq: 15 Apr 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	141.8	0.0	292.4	
98	64.9	0.0	130.2	

Manual Integrations
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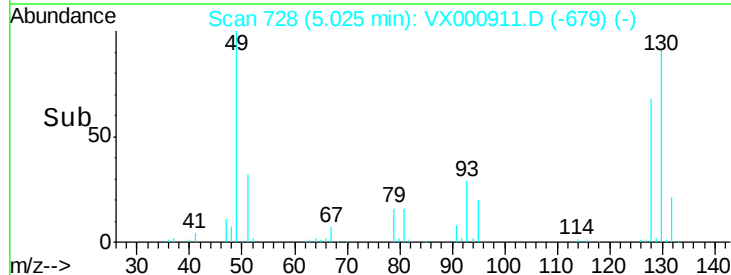
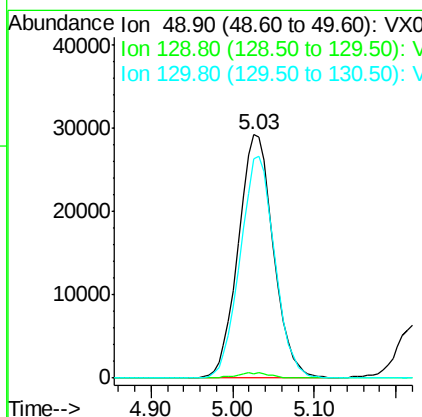
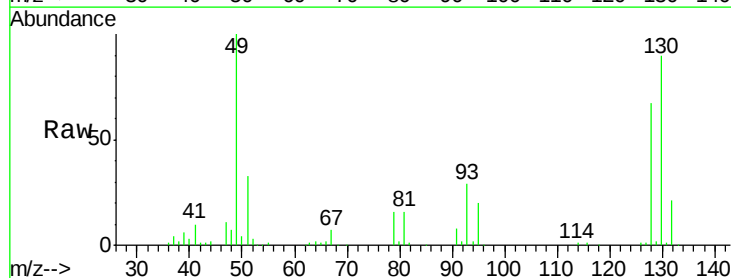
apatel
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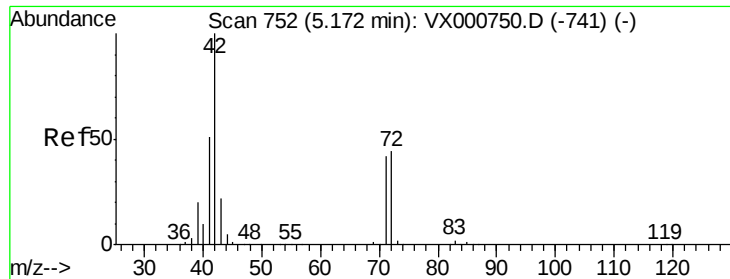


#28

Bromochloromethane
Concen: 49.73 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.00 min
Lab File: VX000911.D
Acq: 15 Apr 2018 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.3	0.0	5.2	
130	89.8	72.6	109.0	





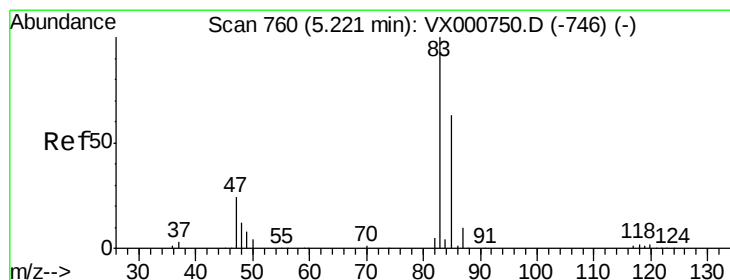
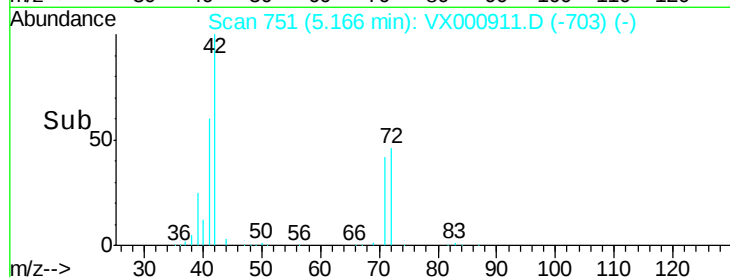
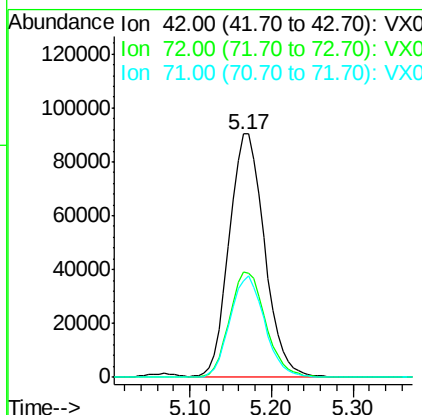
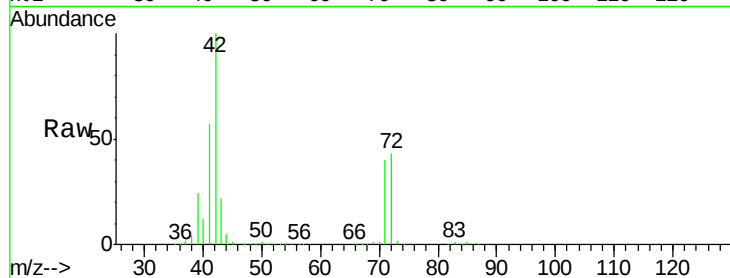
#29
Tetrahydrofuran
Concen: 235.78 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX000911.D
Acq: 15 Apr 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.4	35.1	52.7
71	41.2	32.8	49.2

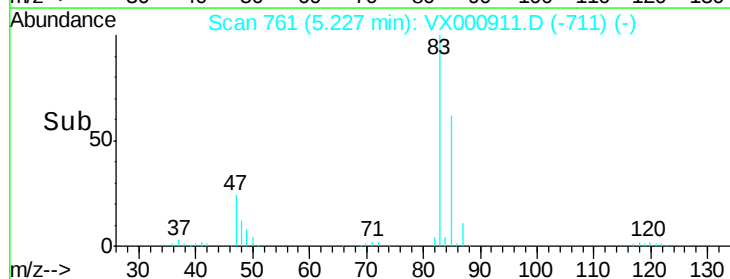
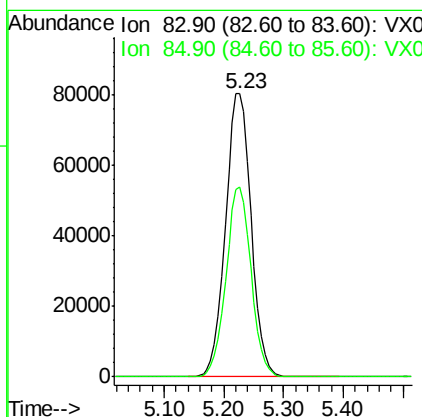
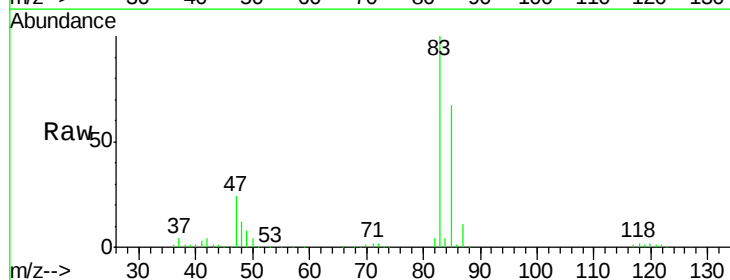
Manual Integrations
APPROVED

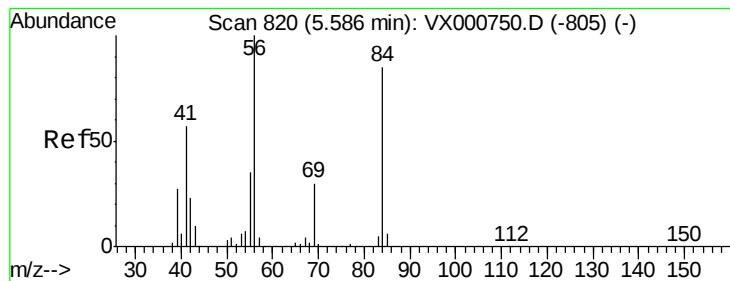
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#30
Chloroform
Concen: 51.73 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX000911.D
Acq: 15 Apr 2018 21:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.9	50.7	76.1





#31

Cyclohexane

Concen: 48.11 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Instrument :

MSVOA_X

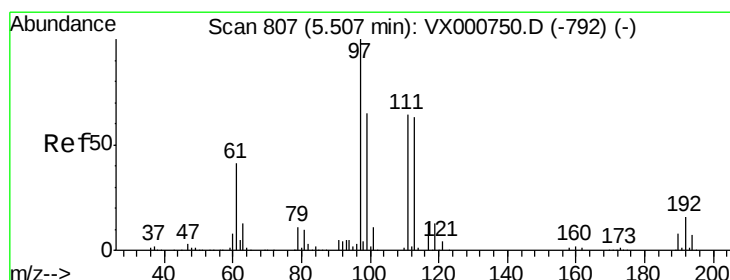
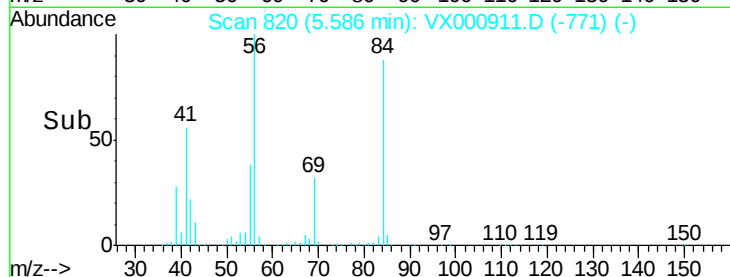
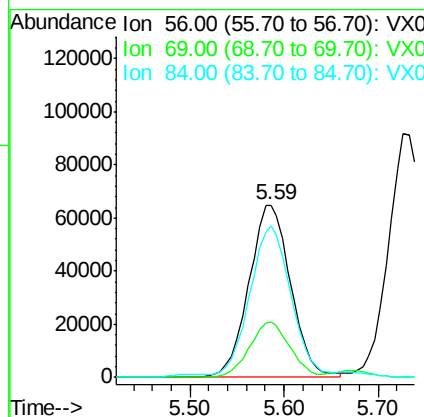
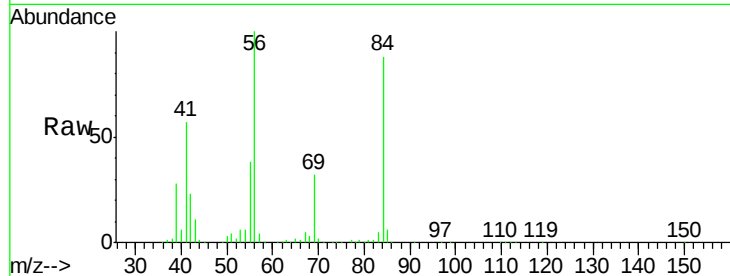
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	200633
Ion	Ratio	Lower	Upper
56	100		
69	32.1	24.2	36.4
84	86.1	67.6	101.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 49.60 ug/l

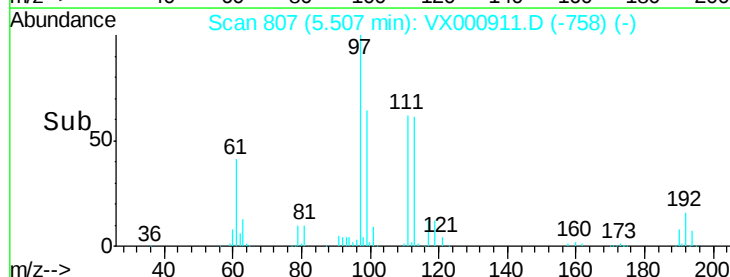
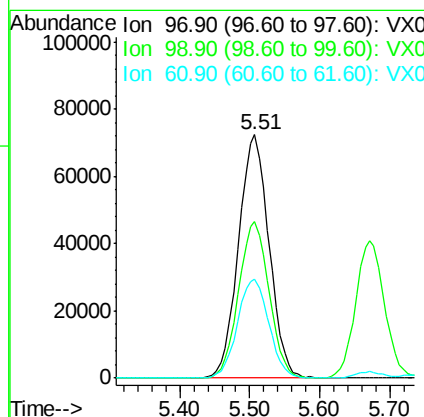
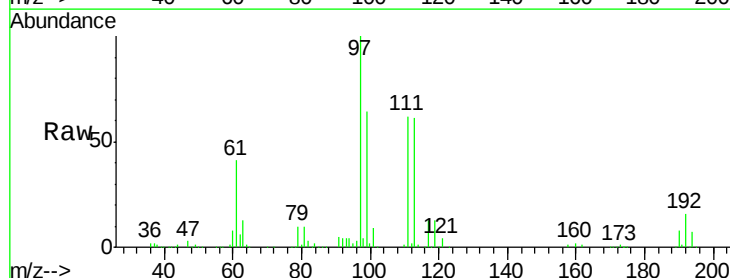
RT: 5.51 min Scan# 807

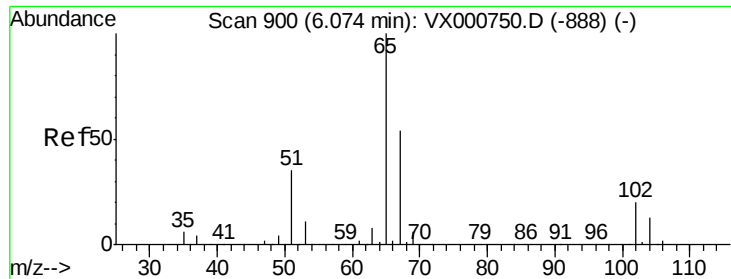
Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Tgt Ion:	97	Resp:	219716
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.4	77.0
61	41.8	33.7	50.5





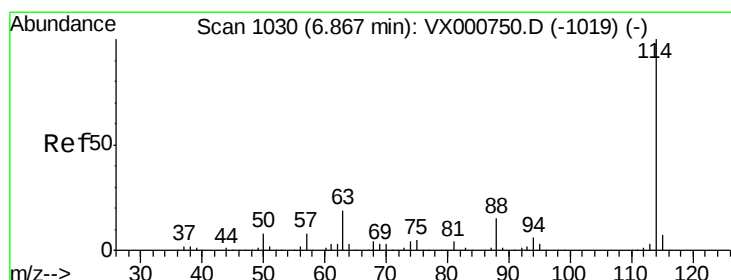
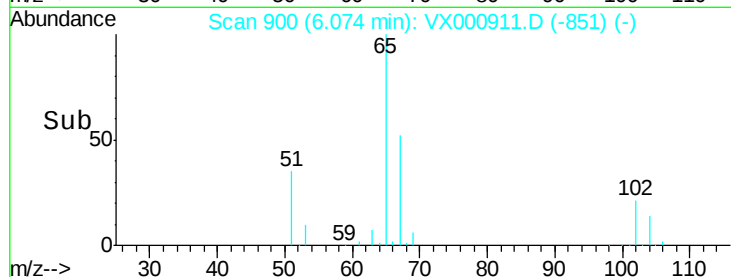
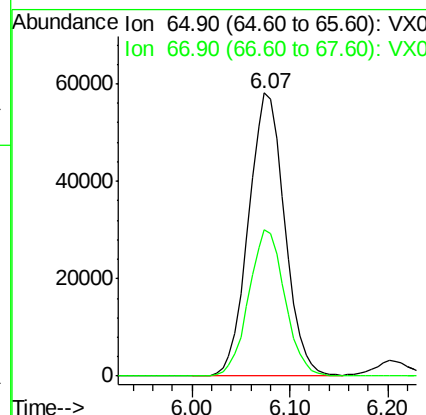
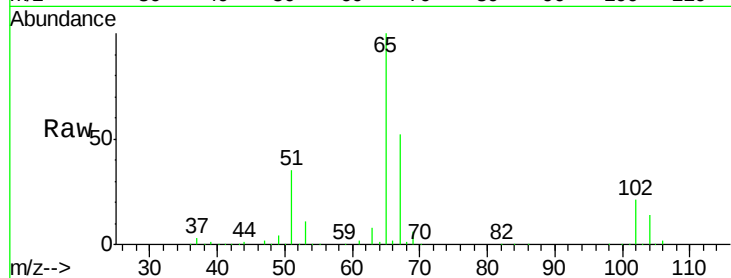
#33
 1,2-Dichloroethane-d4
 Concen: 47.25 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX000911.D
 Acq: 15 Apr 2018 21:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	149496		
67	51.7	0.0	103.8	

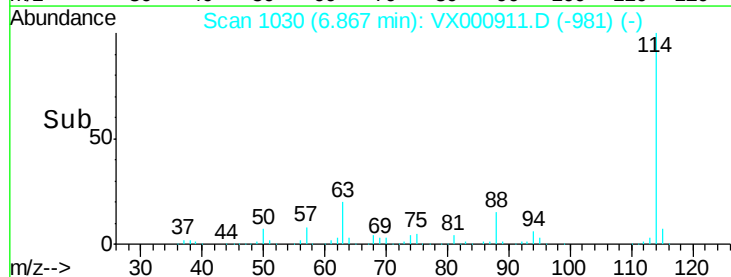
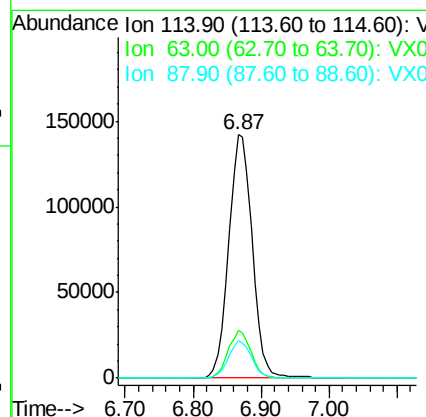
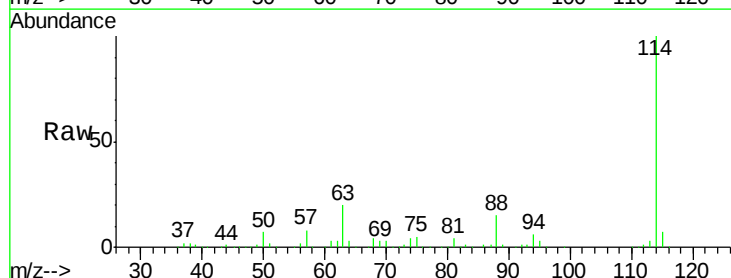
Manual Integrations
 APPROVED

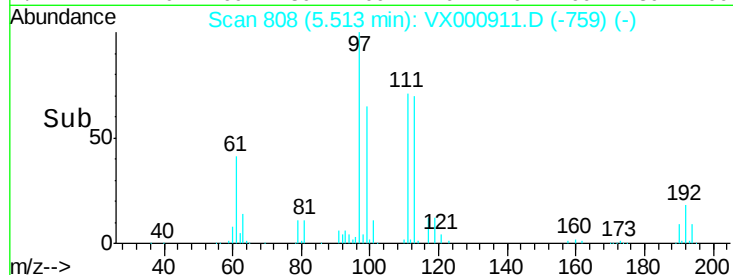
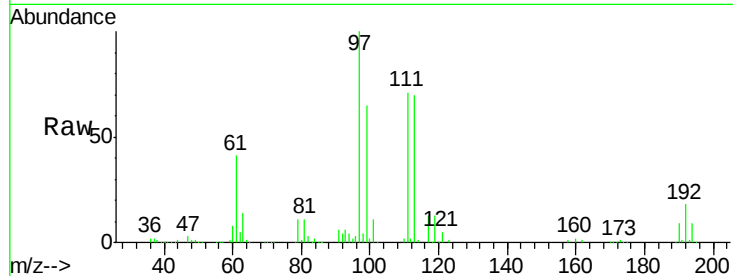
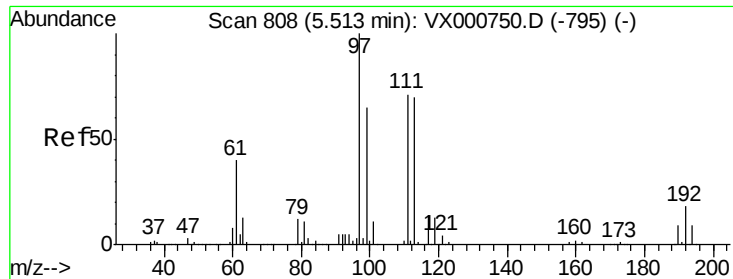
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX000911.D
 Acq: 15 Apr 2018 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	340834		
63	19.5	0.0	38.4	
88	15.3	0.0	31.0	





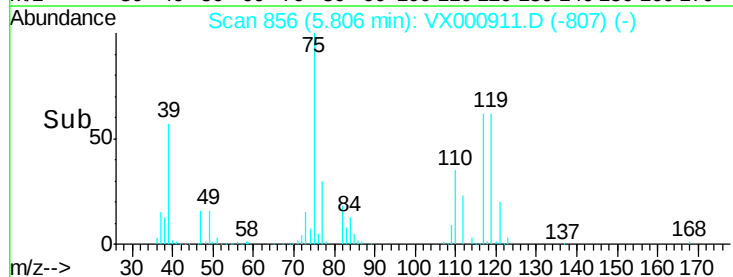
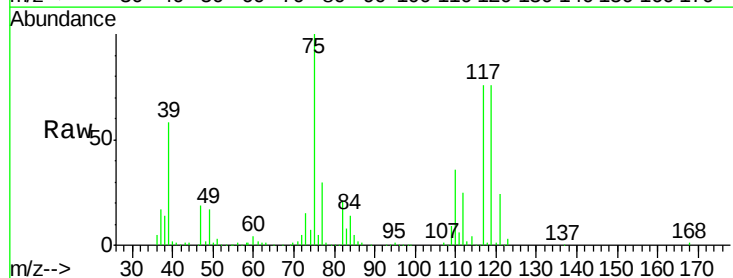
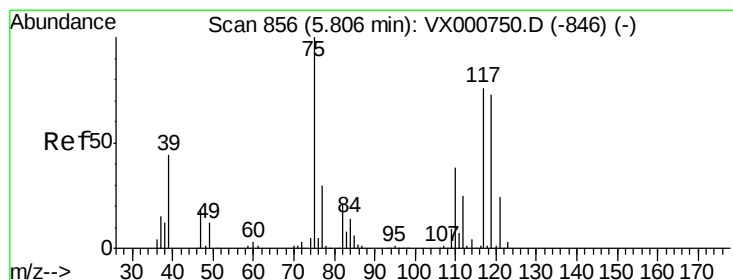
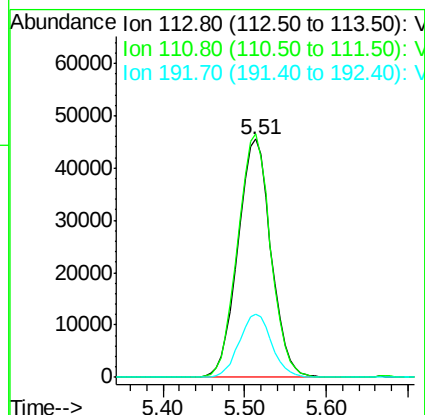
#35
Dibromofluoromethane
Concen: 48.70 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX000911.D
Acq: 15 Apr 2018 21:16

Tot Ion	Ratio	Resp	Lower	Upper
113	100	127886		
111	101.3	81.5	122.3	
192	26.1	20.4	30.6	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

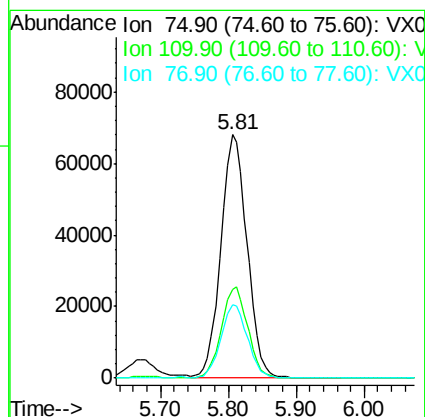
Manual Integrations
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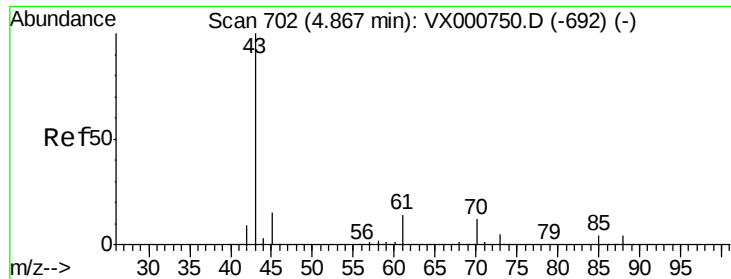
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#36
1,1-Dichloropropene
Concen: 48.48 ug/l
RT: 5.81 min Scan# 856
Delta R.T. -0.00 min
Lab File: VX000911.D
Acq: 15 Apr 2018 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	181988		
110	37.6	19.2	57.6	
77	30.1	25.4	38.2	





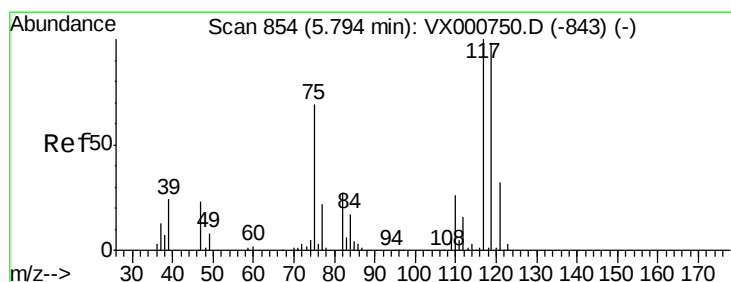
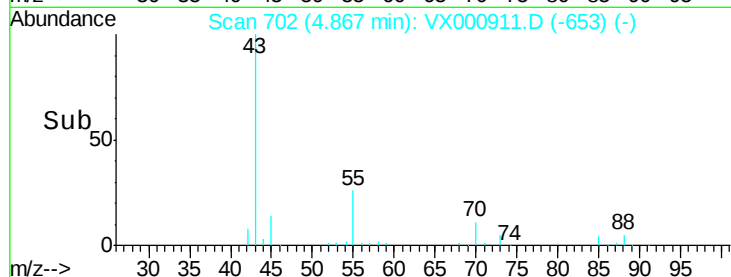
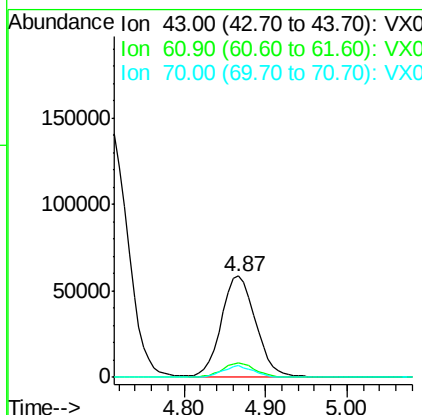
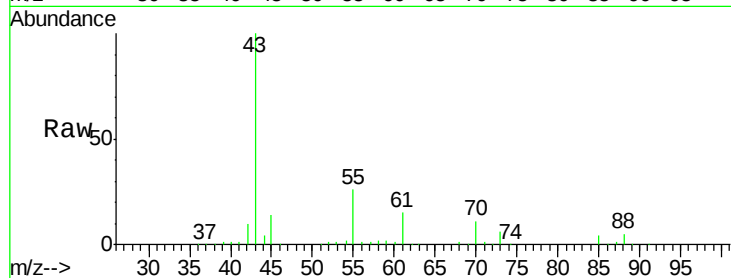
#37
Ethyl Acetate
Concen: 46.72 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX000911.D
Acq: 15 Apr 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.0	16.4
70	10.7	8.7	13.1

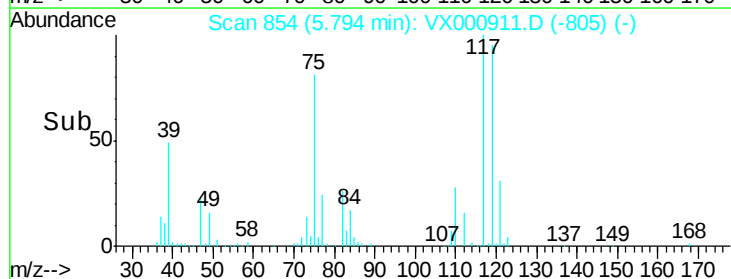
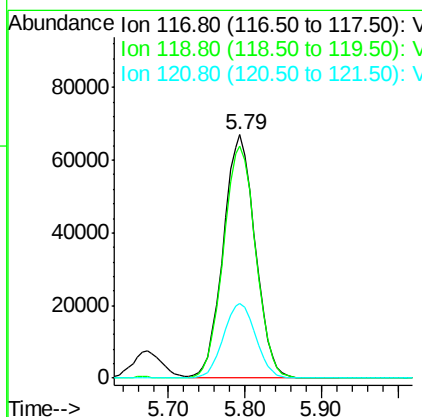
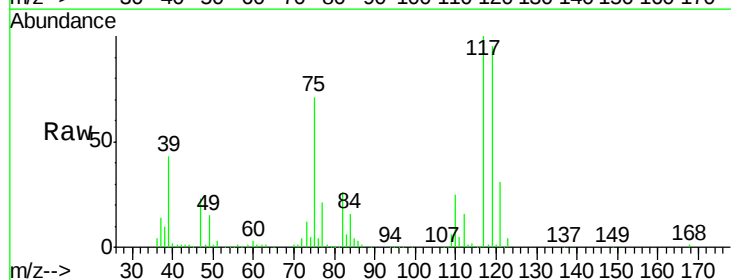
Manual Integrations
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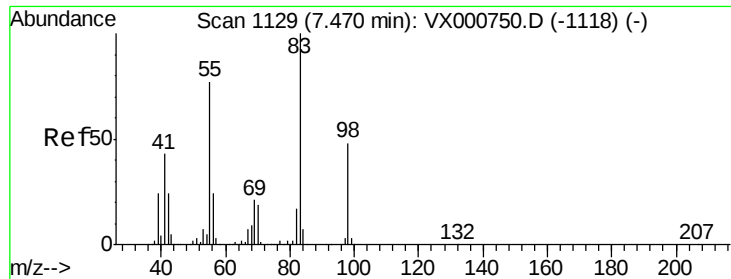
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#38
Carbon Tetrachloride
Concen: 46.00 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000911.D
Acq: 15 Apr 2018 21:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	78.4	117.6
121	30.6	25.4	38.0





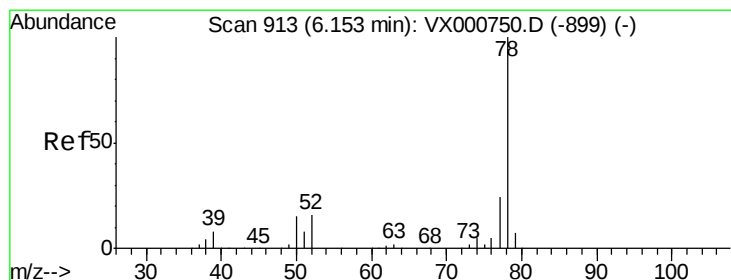
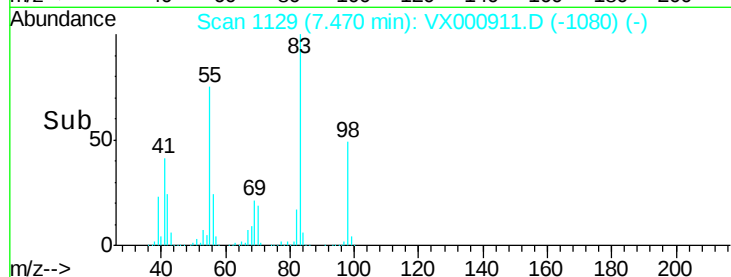
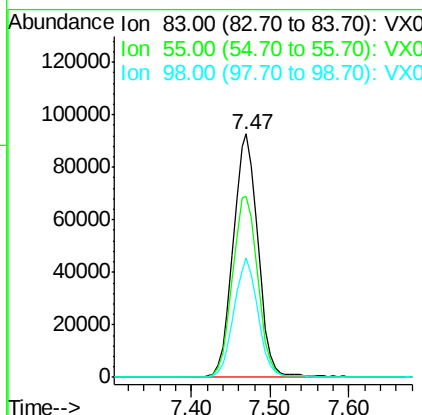
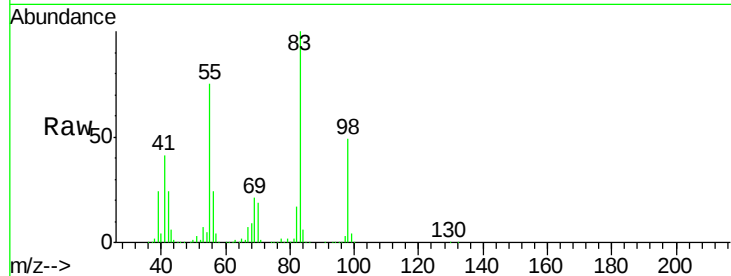
#39
Methvlcvclohexane
Concen: 45.05 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000911.D
Acq: 15 Apr 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	203075		
55	74.5		61.5	92.3
98	49.1		38.1	57.1

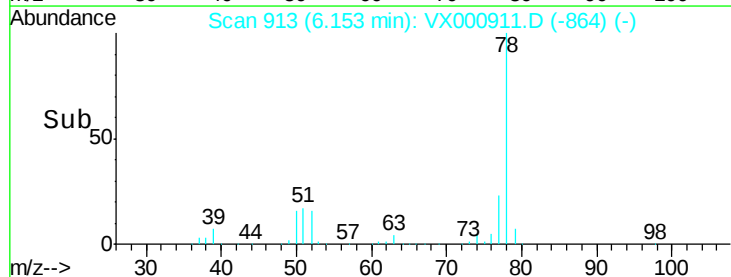
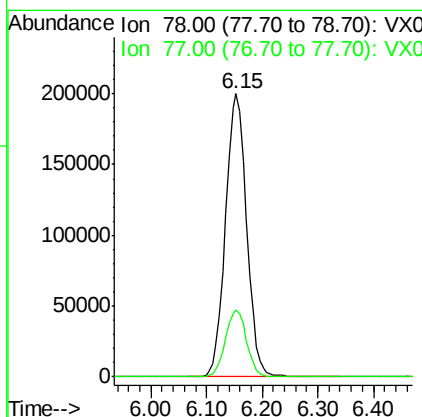
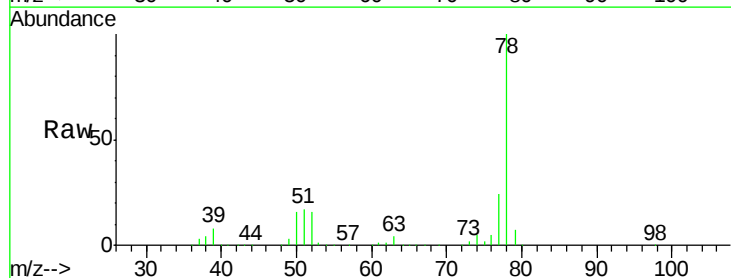
Manual Integrations
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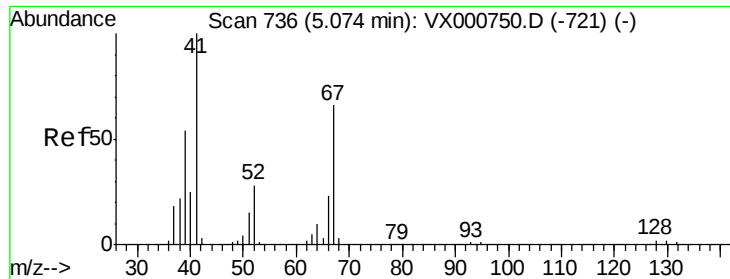
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#40
Benzene
Concen: 50.32 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000911.D
Acq: 15 Apr 2018 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	524785		
77	23.9		19.0	28.6





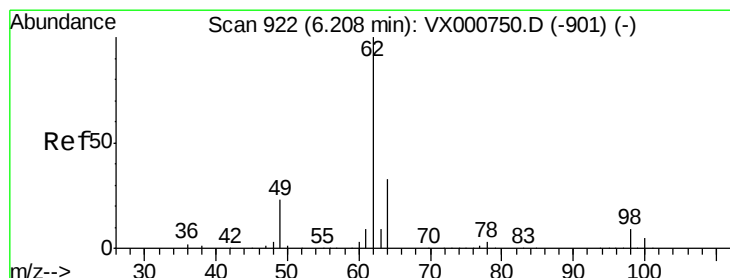
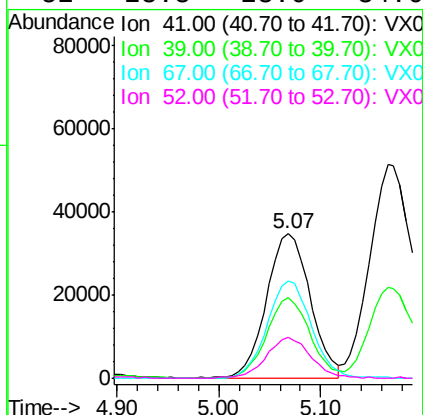
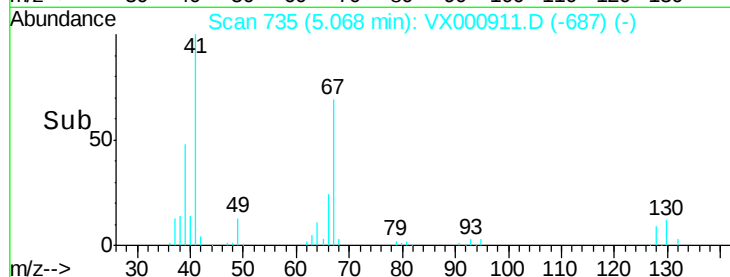
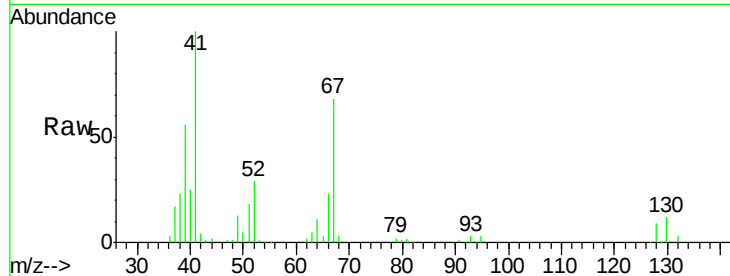
#41
Methacrylonitrile
Concen: 48.45 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000911.D
Acq: 15 Apr 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	55.6	44.9	67.3		
67	68.9	54.7	82.1		
52	28.8	23.0	34.6		

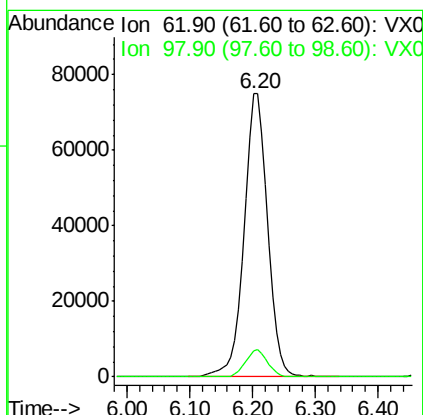
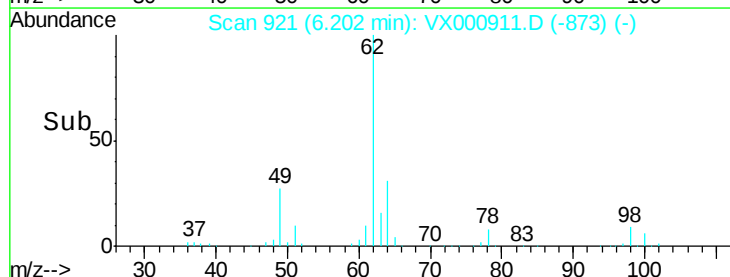
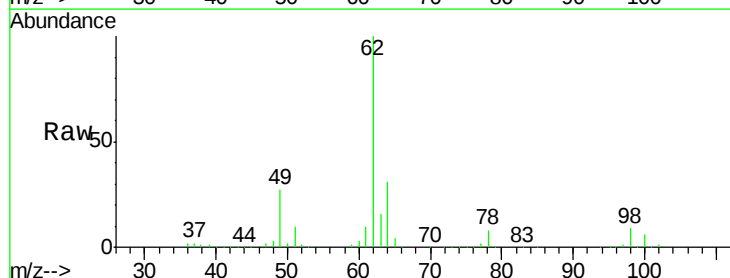
Manual Integrations
APPROVED

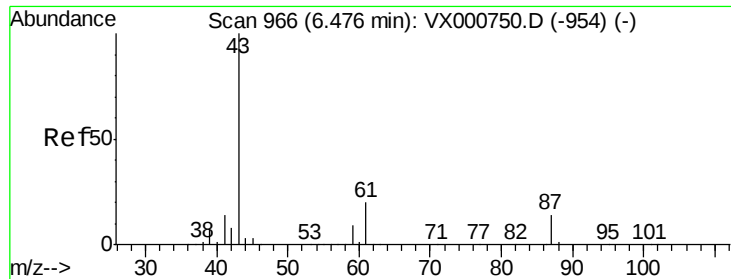
apatel
4/16/2018 3:35:11 PM



#42
1,2-Dichloroethane
Concen: 49.98 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX000911.D
Acq: 15 Apr 2018 21:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.1	0.0	18.6		





#43

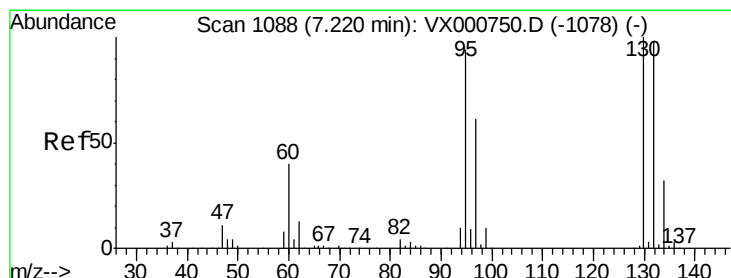
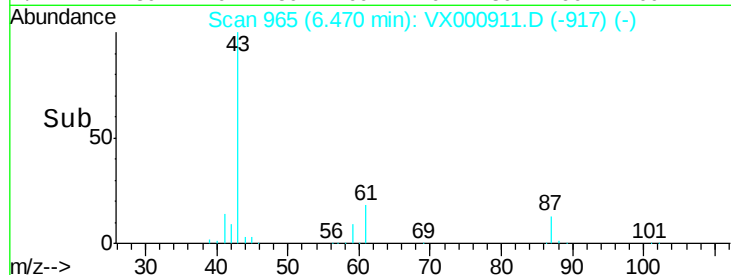
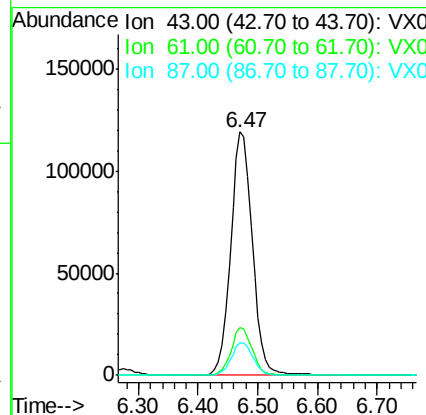
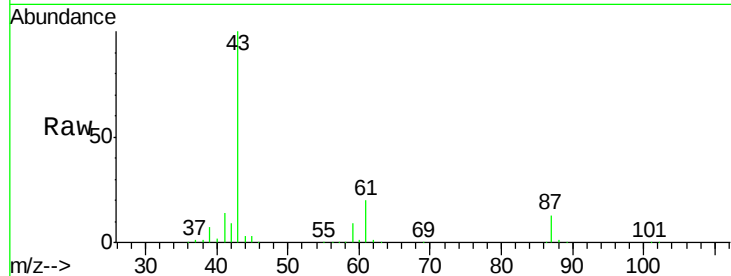
Isopropyl Acetate
 Concen: 47.61 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX000911.D
 Acq: 15 Apr 2018 21:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.6	23.4
87	13.5	10.7	16.1

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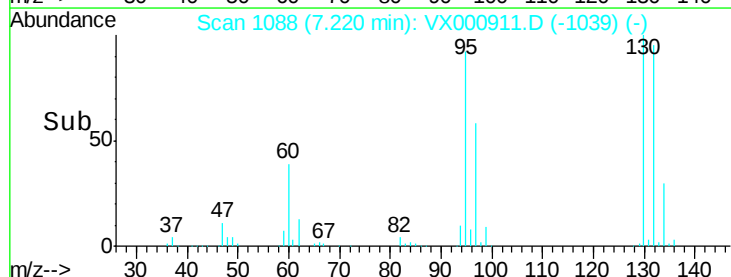
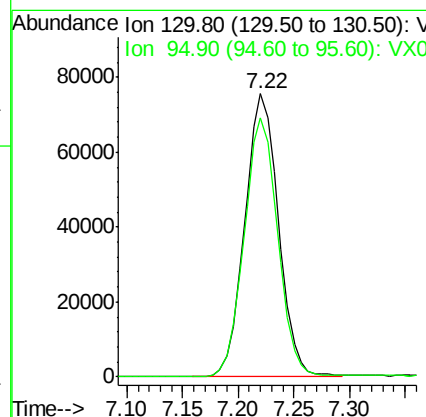
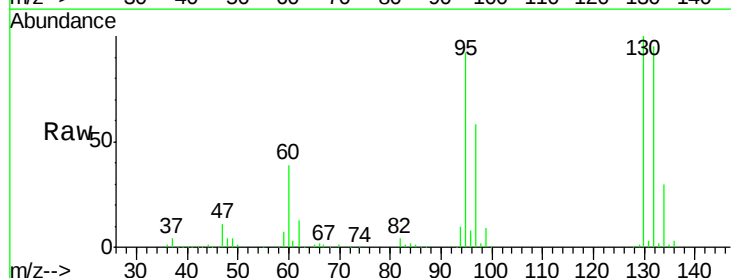
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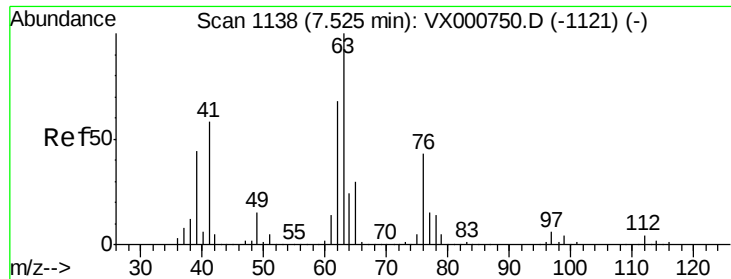


#44

Trichloroethene
 Concen: 49.06 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX000911.D
 Acq: 15 Apr 2018 21:16

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.6	0.0	187.0





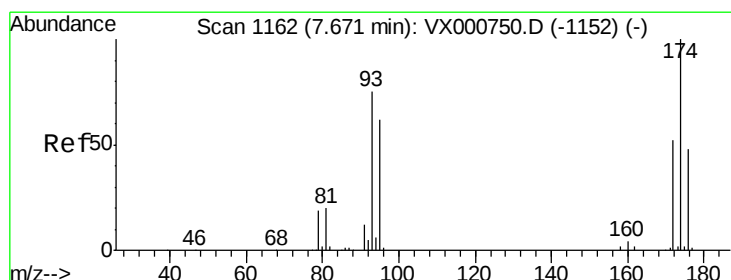
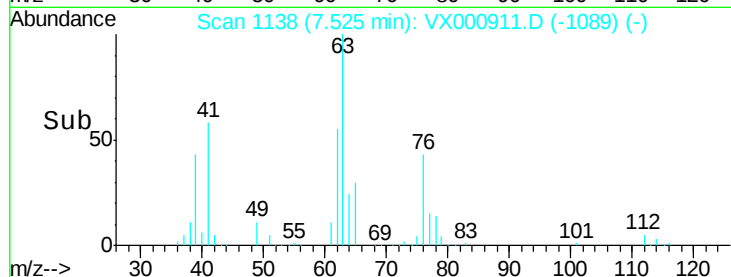
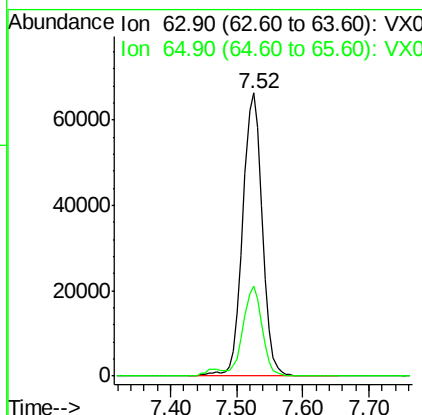
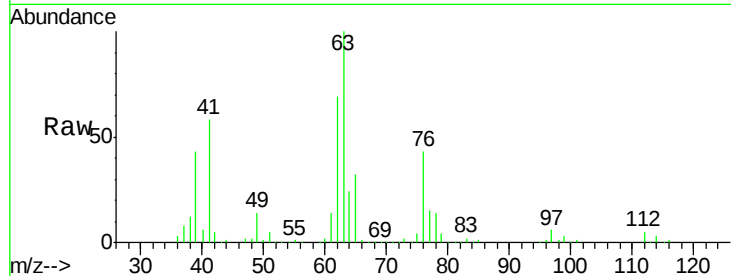
#45
 1,2-Dichloropropane
 Concen: 51.44 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000911.D
 Acq: 15 Apr 2018 21:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 136609
 Ion Ratio Lower Upper
 63 100
 65 31.7 23.7 35.5

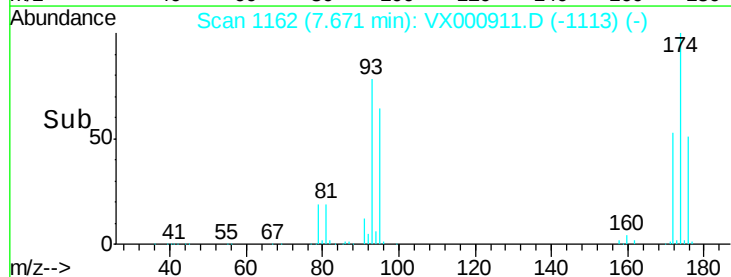
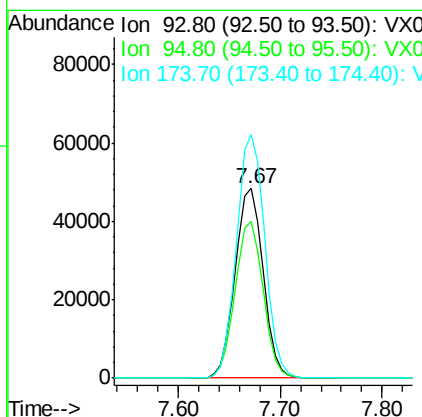
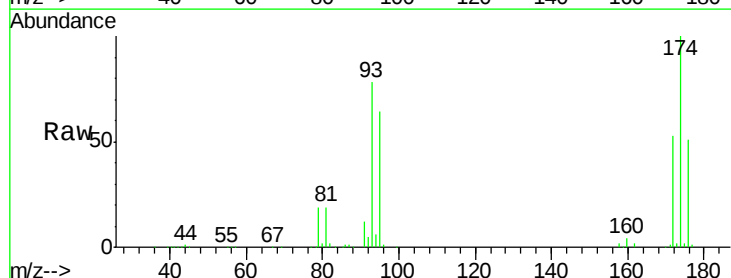
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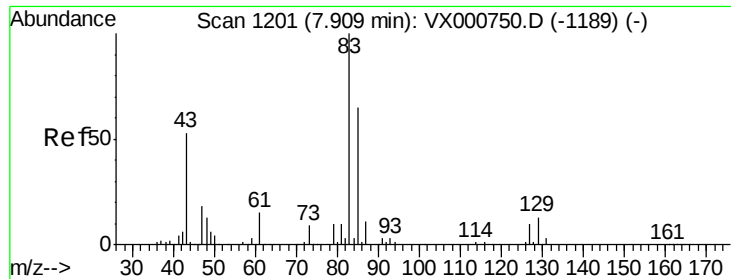
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#46
 Dibromomethane
 Concen: 49.78 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000911.D
 Acq: 15 Apr 2018 21:16

Tgt Ion: 93 Resp: 92180
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.6 100.0
 174 129.6 104.5 156.7





#47

Bromodichloromethane

Concen: 48.32 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Instrument :

MSVOA_X

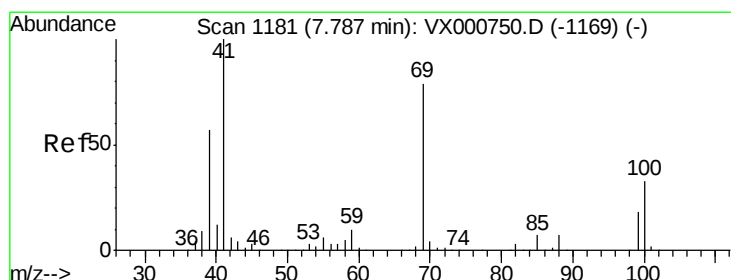
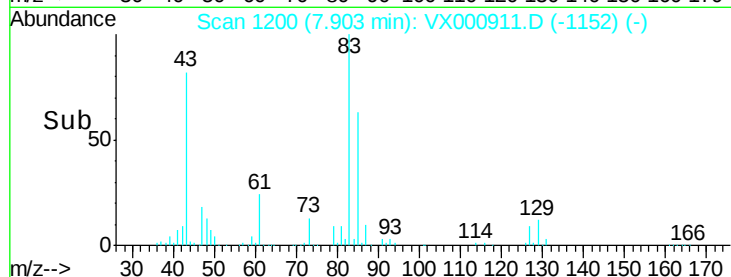
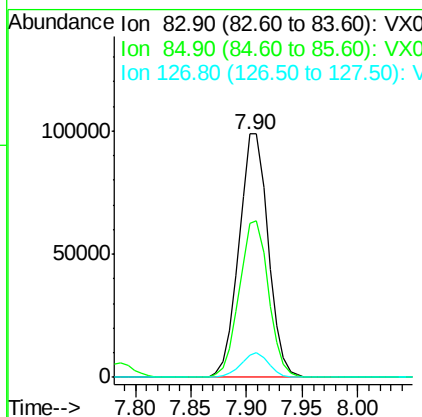
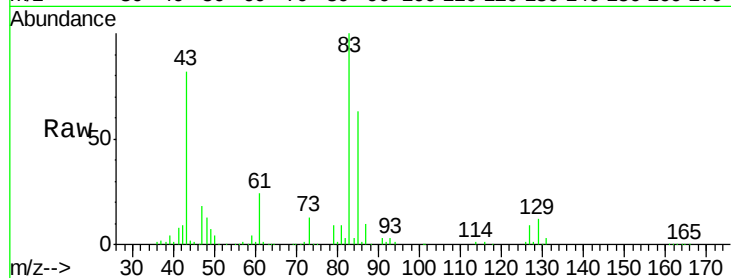
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	180583
Ion Ratio	Lower	Upper	
83	100		
85	63.1	52.2	78.4
127	9.1	7.8	11.8

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#48

Methyl methacrylate

Concen: 48.05 ug/l

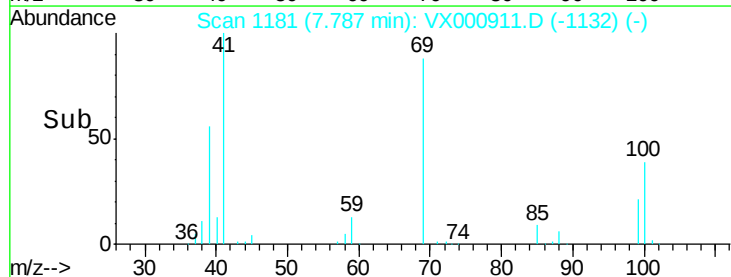
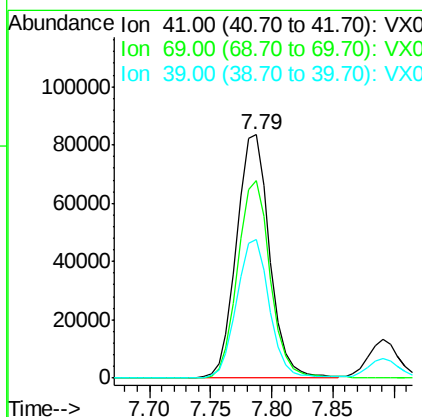
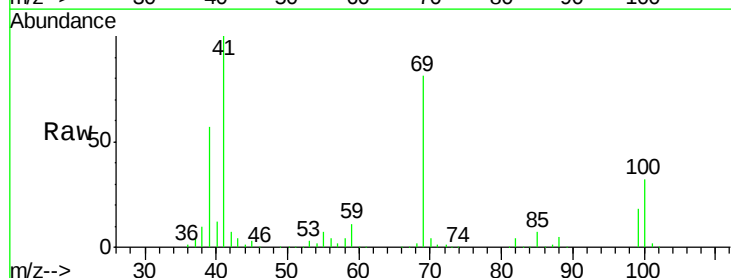
RT: 7.79 min Scan# 1181

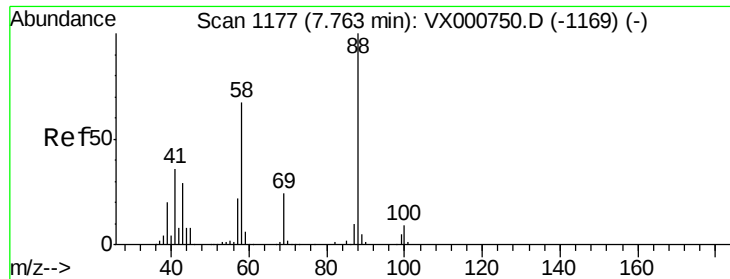
Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Tgt Ion:	41	Resp:	156471
Ion Ratio	Lower	Upper	
41	100		
69	80.8	63.9	95.9
39	56.7	45.9	68.9





#49

1,4-Dioxane

Concen: 744.77 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Instrument :

MSVOA_X

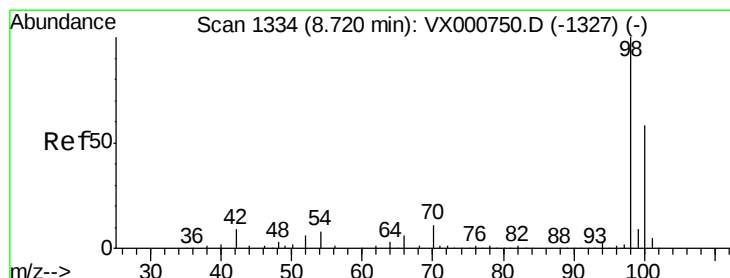
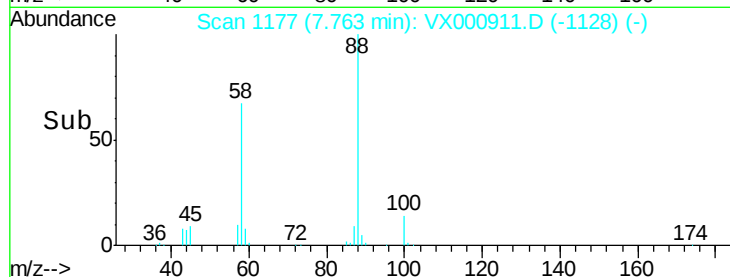
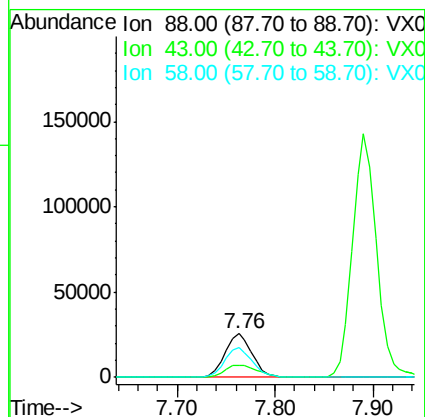
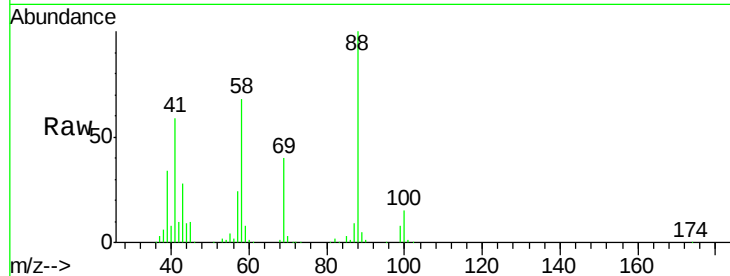
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	48740
Ion	Ratio	Lower	Upper
88	100		
43	34.9	25.8	38.8
58	70.5	54.4	81.6

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#50

Toluene-d8

Concen: 47.75 ug/l

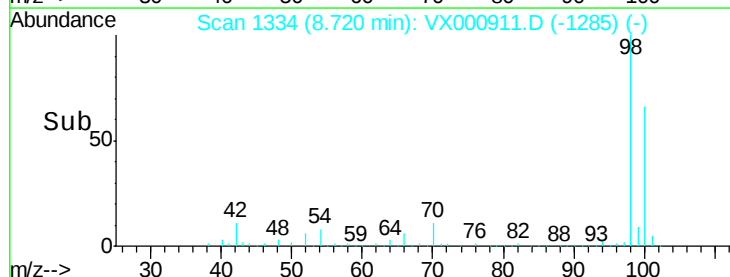
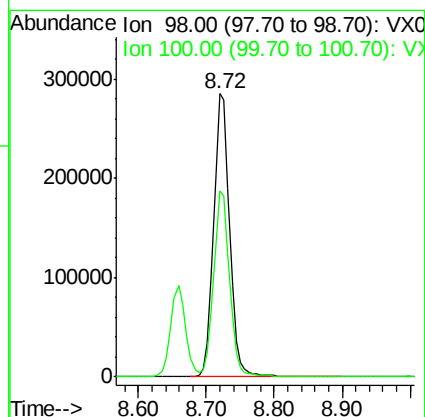
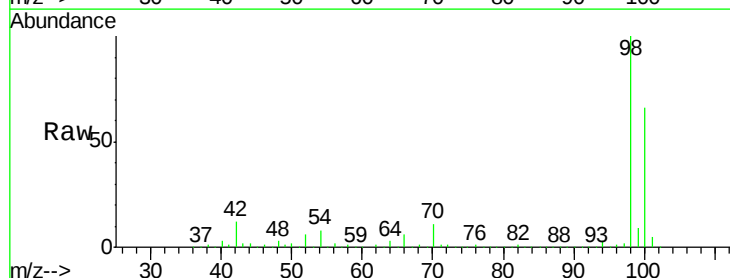
RT: 8.72 min Scan# 1334

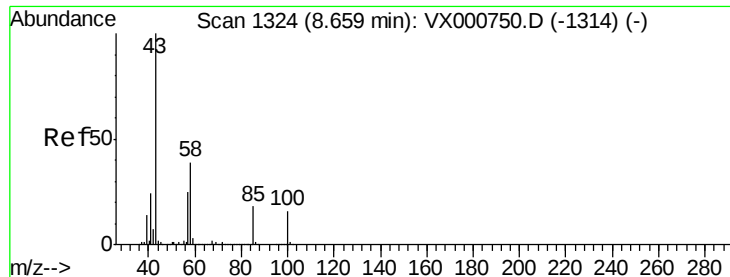
Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Tgt Ion:	98	Resp:	466848
Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.6	79.0





#51

4-Methyl-2-Pentanone

Concen: 243.09 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 897103

Ion Ratio Lower Upper

43 100

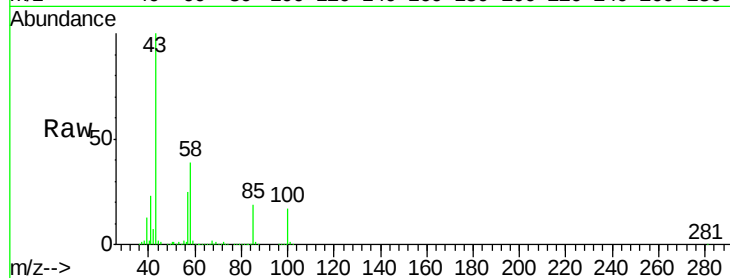
58 37.9 30.3 45.5

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

600000

500000

400000

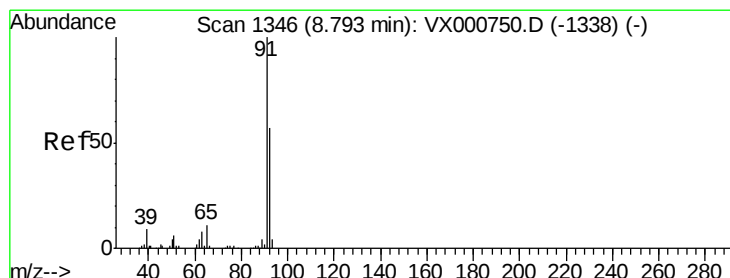
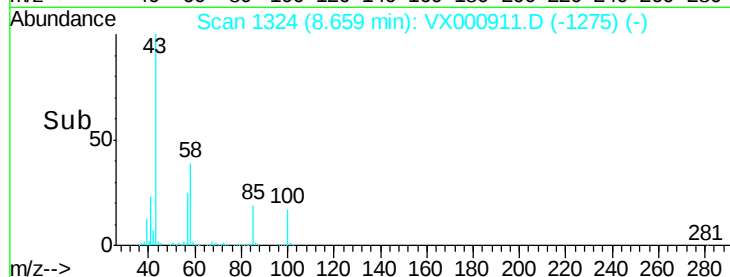
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 50.01 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000911.D

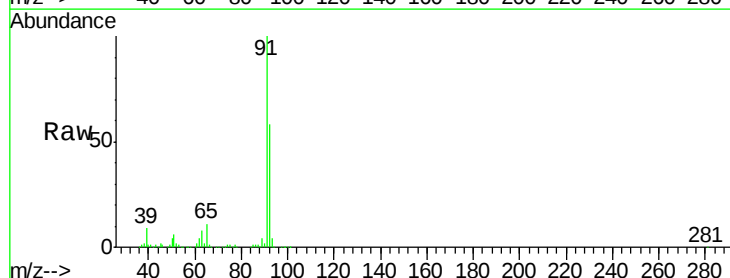
Acq: 15 Apr 2018 21:16

Tgt Ion: 92 Resp: 346011

Ion Ratio Lower Upper

92 100

91 173.5 139.0 208.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

400000

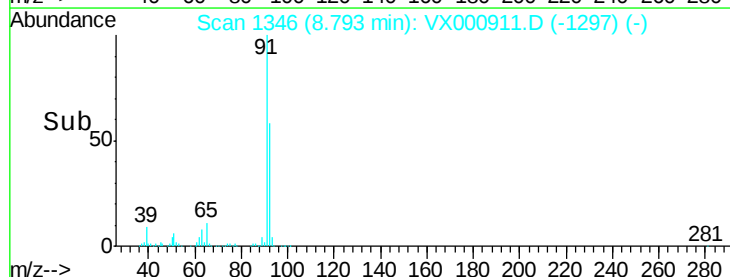
300000

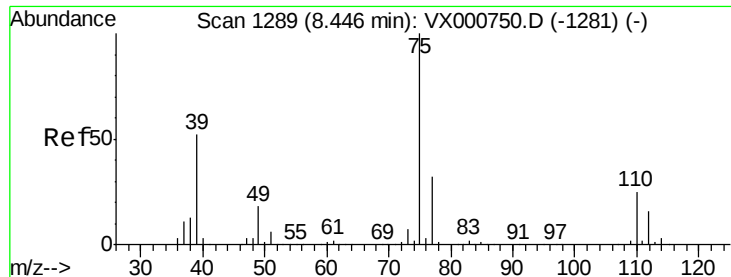
200000

100000

0

Time-->





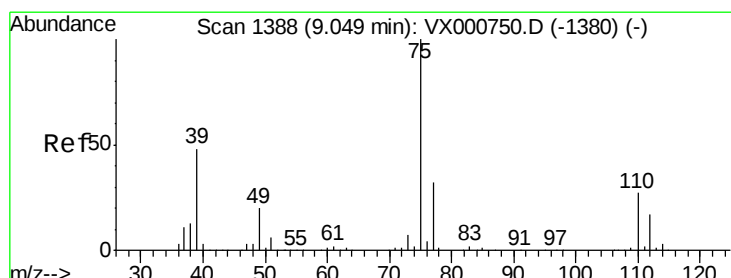
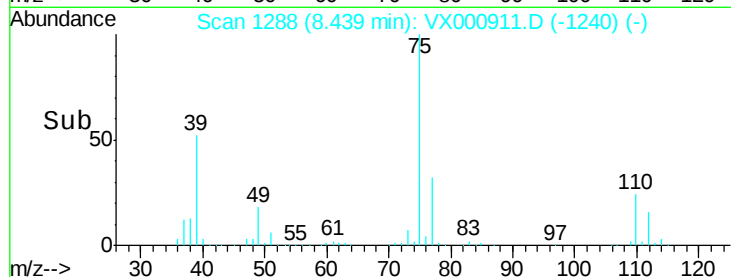
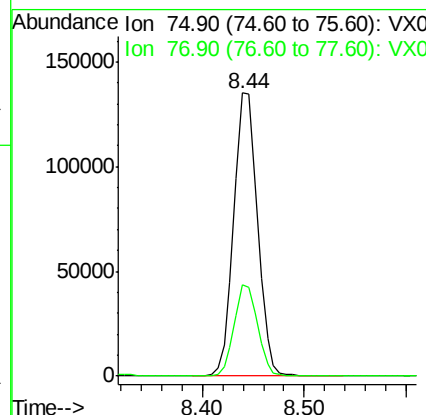
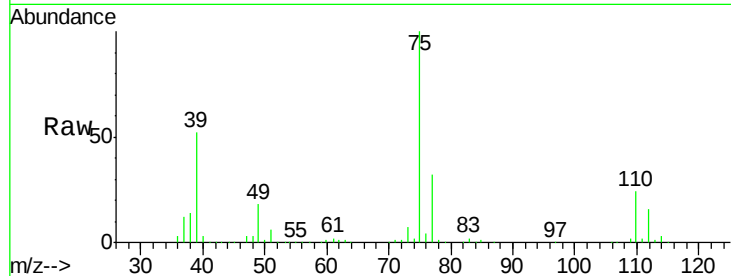
#53
t-1,3-Dichloropropene
Concen: 48.54 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VX000911.D
Acq: 15 Apr 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 217603
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.2

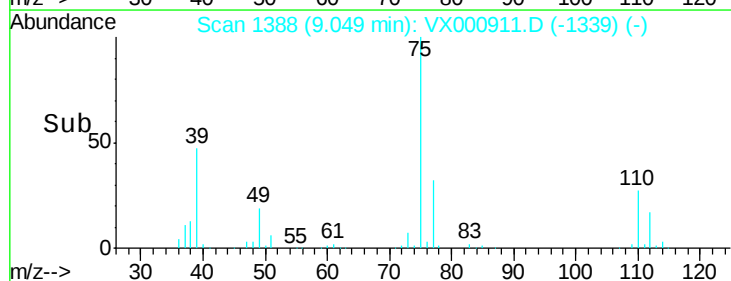
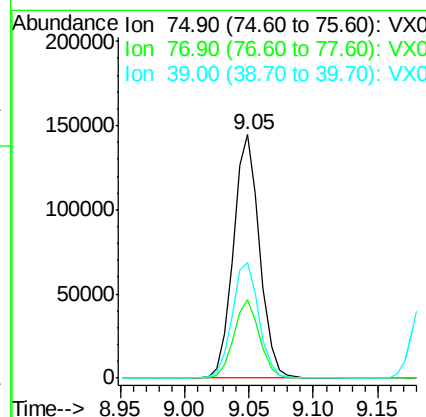
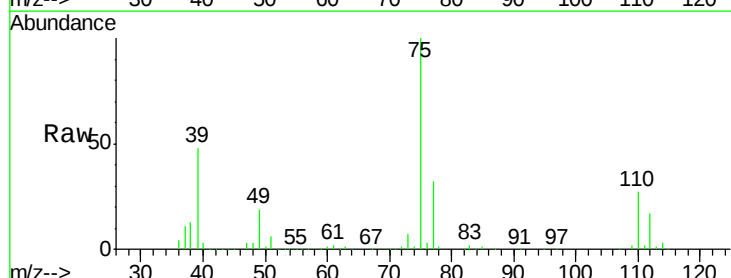
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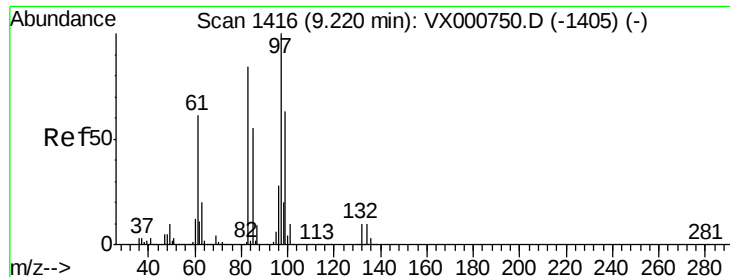
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#54
cis-1,3-Dichloropropene
Concen: 47.09 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX000911.D
Acq: 15 Apr 2018 21:16

Tgt Ion: 75 Resp: 205567
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.2
39 47.6 38.6 58.0





#55

1,1,2-Trichloroethane

Concen: 50.80 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Instrument :

MSVOA_X

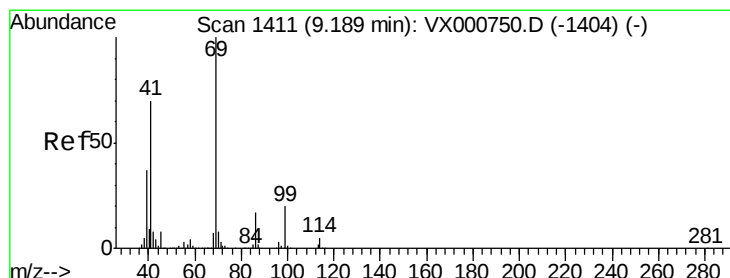
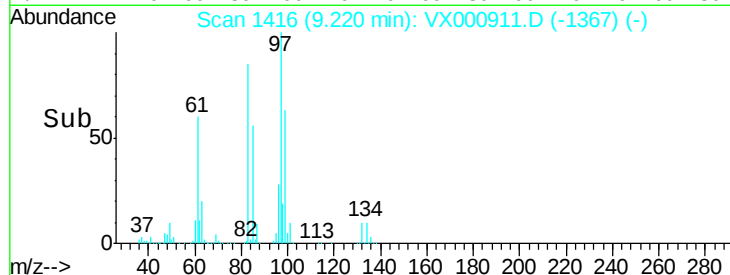
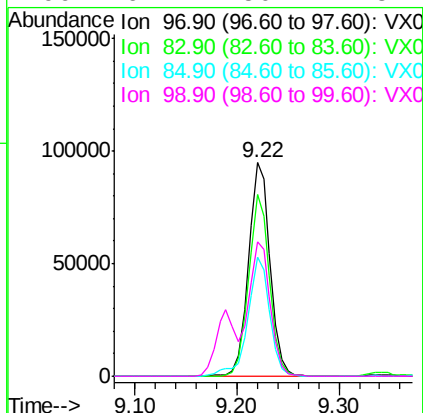
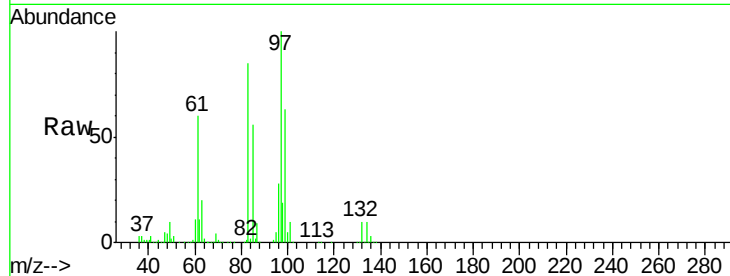
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	139532
Ion Ratio	Lower	Upper	
97	100		
83	85.0	67.6	101.4
85	55.6	43.8	65.6
99	62.7	50.2	75.4

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#56

Ethyl methacrylate

Concen: 49.56 ug/l

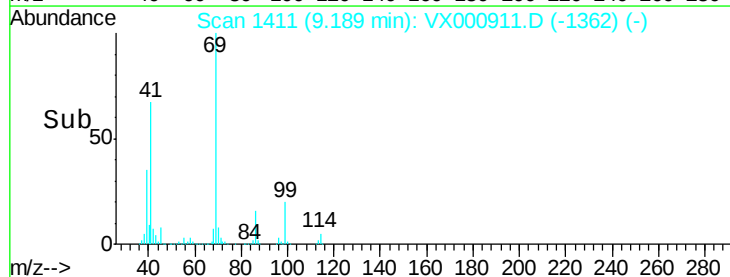
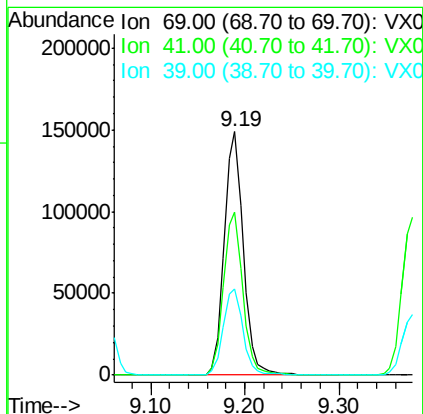
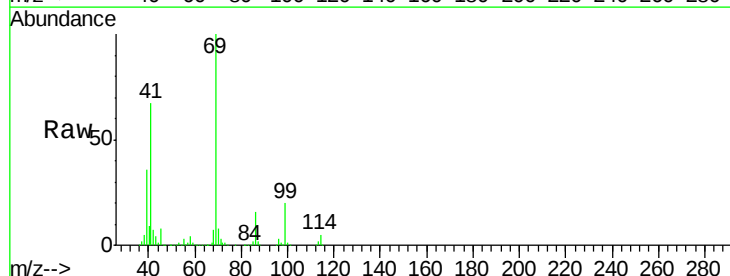
RT: 9.19 min Scan# 1411

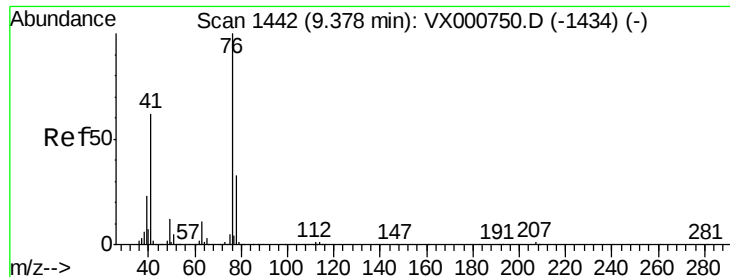
Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Tgt Ion:	69	Resp:	209992
Ion Ratio	Lower	Upper	
69	100		
41	67.5	55.6	83.4
39	36.5	30.3	45.5





#57

1,3-Dichloropropane

Concen: 51.64 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 22520

Ion Ratio Lower Upper

76 100

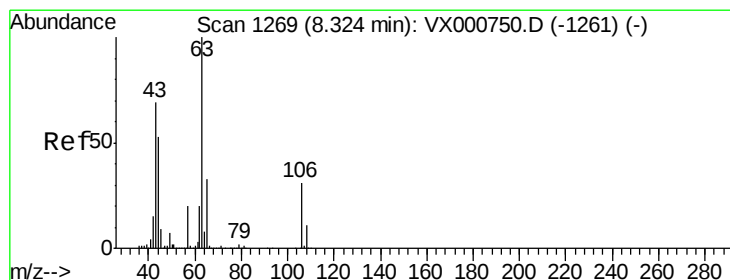
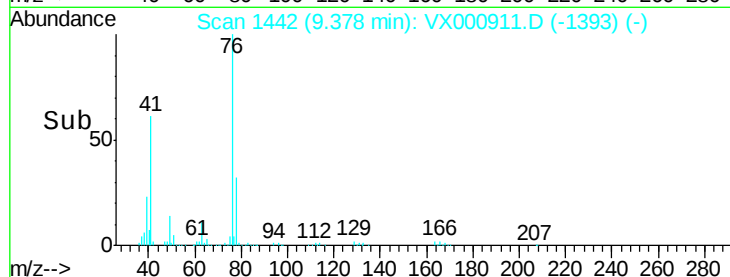
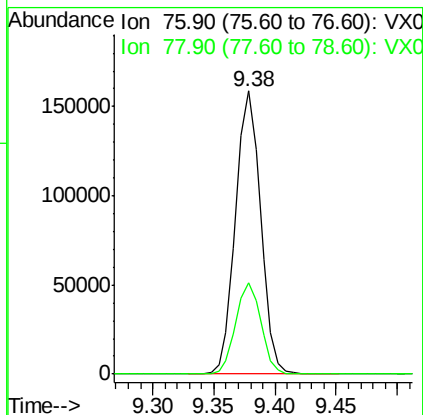
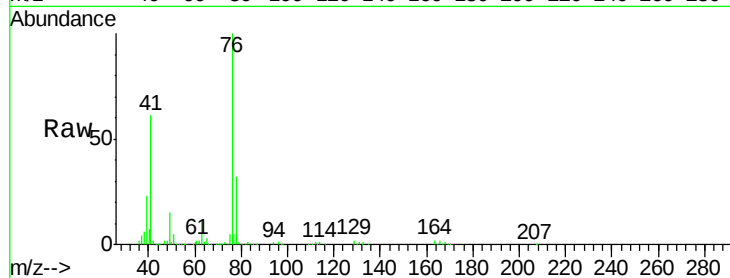
78 32.4 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 265.87 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX000911.D

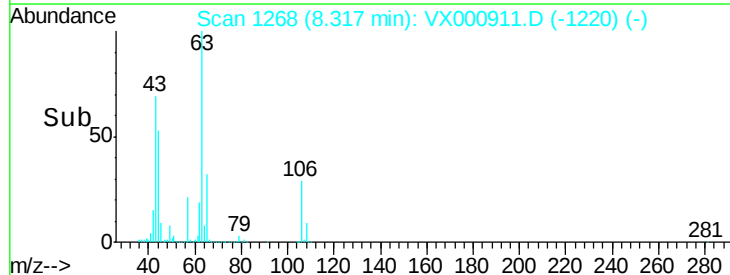
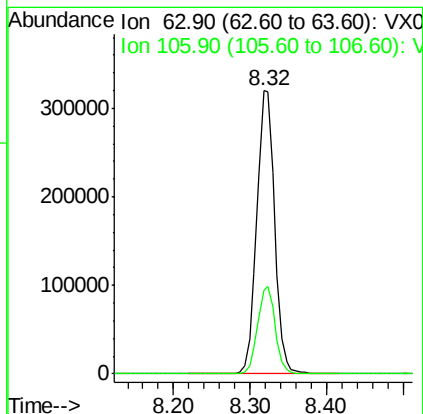
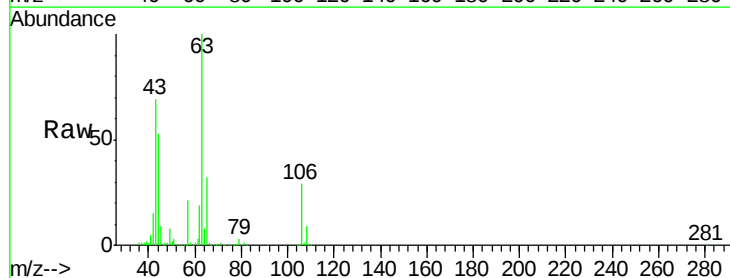
Acq: 15 Apr 2018 21:16

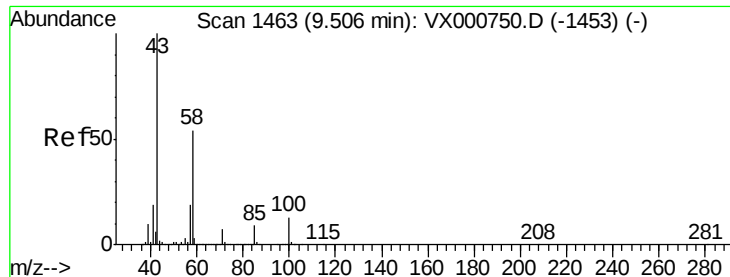
Tgt Ion: 63 Resp: 526381

Ion Ratio Lower Upper

63 100

106 30.4 24.3 36.5





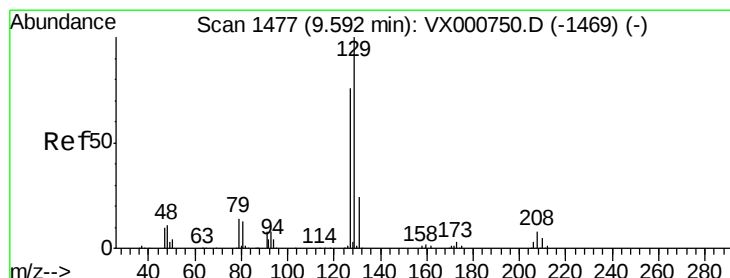
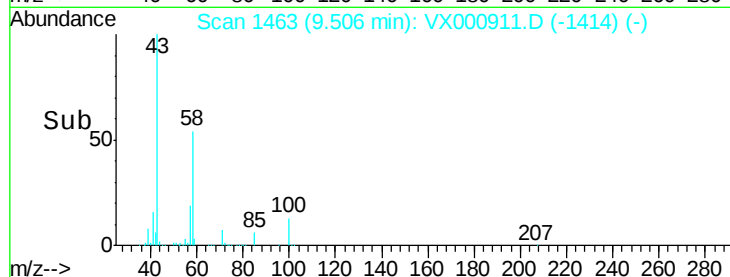
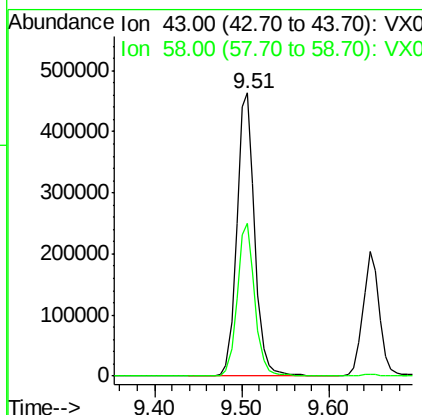
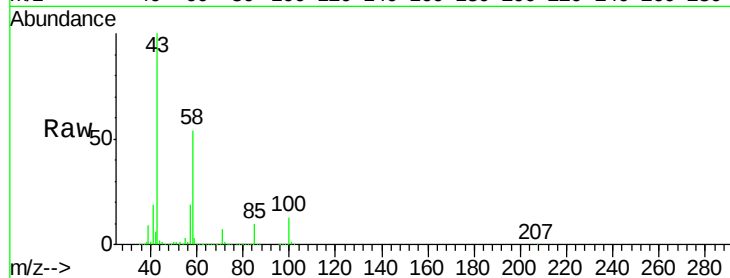
#59
2-Hexanone
Concen: 232.05 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000911.D
Acq: 15 Apr 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.2	26.5	79.5

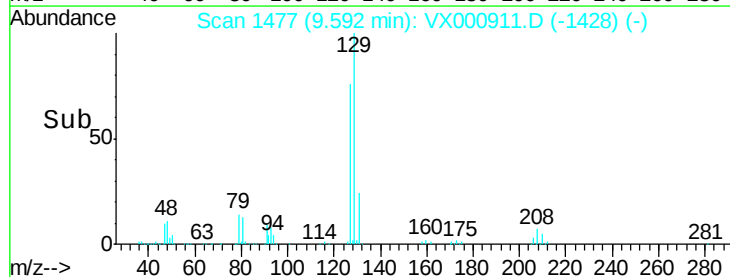
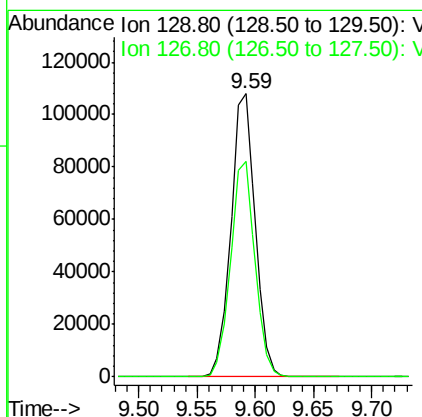
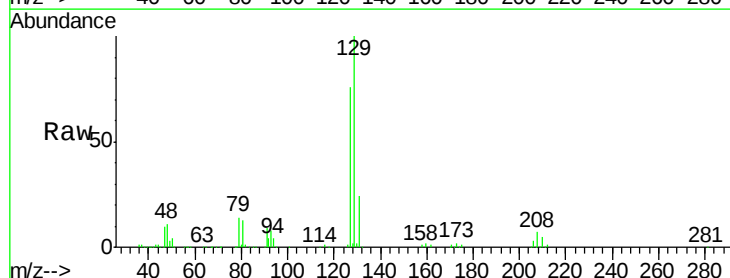
Manual Integrations
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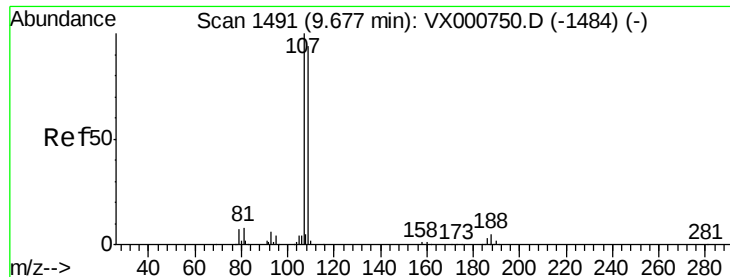
apatel
4/16/2018 3:35:11 PM



#60
Dibromochloromethane
Concen: 47.80 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000911.D
Acq: 15 Apr 2018 21:16

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.3	38.4	115.1





#61

1,2-Dibromoethane

Concen: 50.80 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 148027

Ion Ratio Lower Upper

107 100

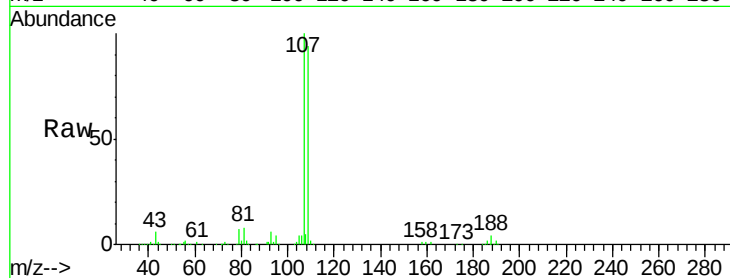
109 94.0 76.2 114.4

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

120000

100000

80000

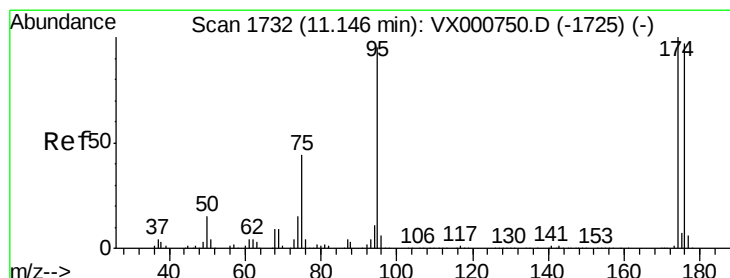
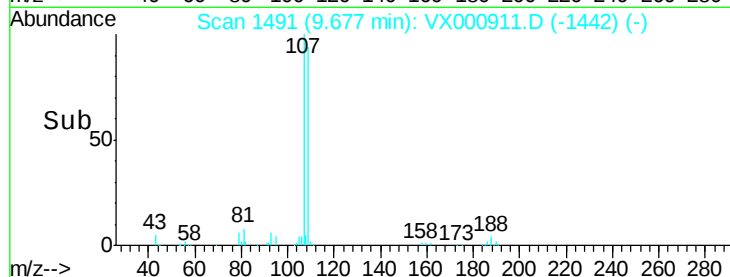
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.09 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Tgt Ion: 95 Resp: 190479

Ion Ratio Lower Upper

95 100

174 99.5 0.0 198.4

176 97.9 0.0 194.4

Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

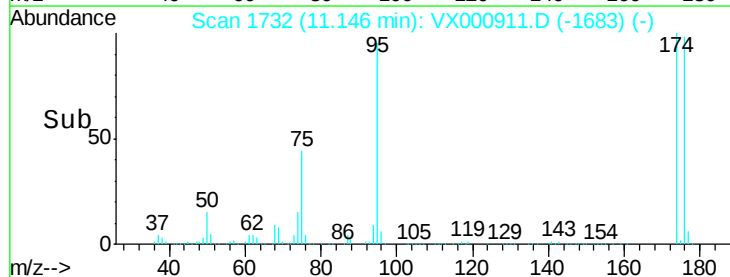
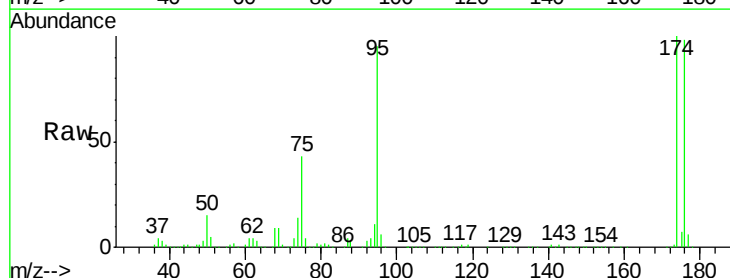
150000

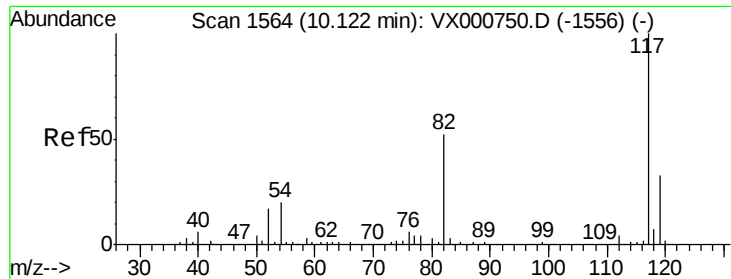
100000

50000

0

Time-->





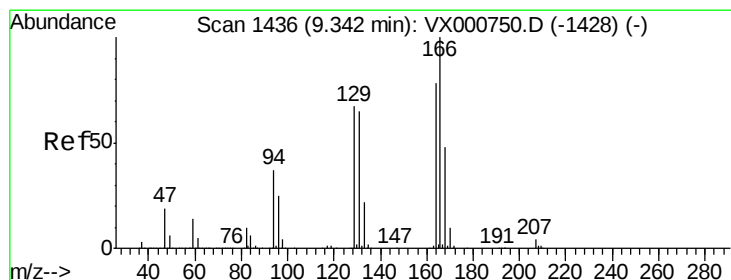
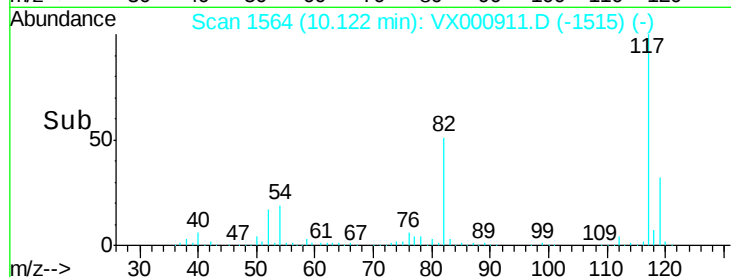
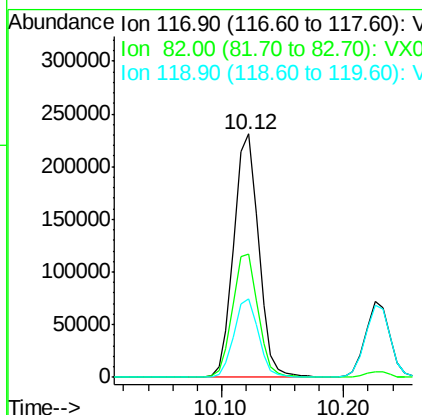
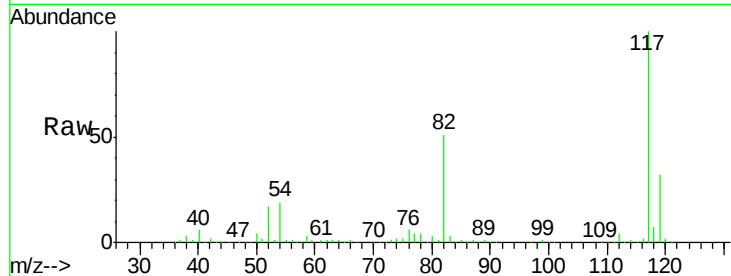
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000911.D
Acq: 15 Apr 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.7	41.9	62.9
119	32.2	26.0	39.0

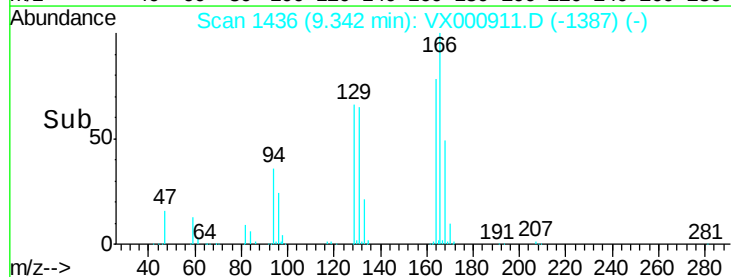
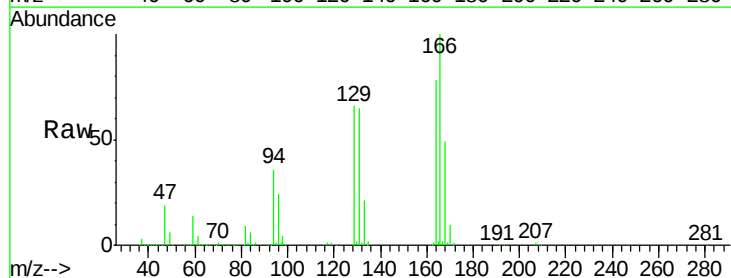
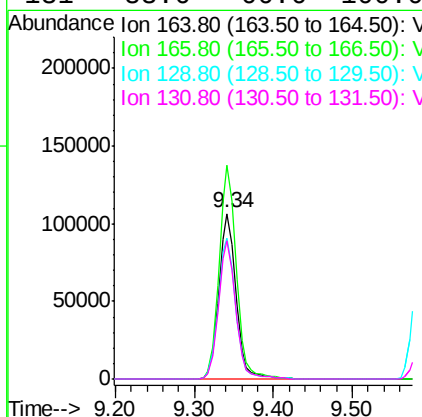
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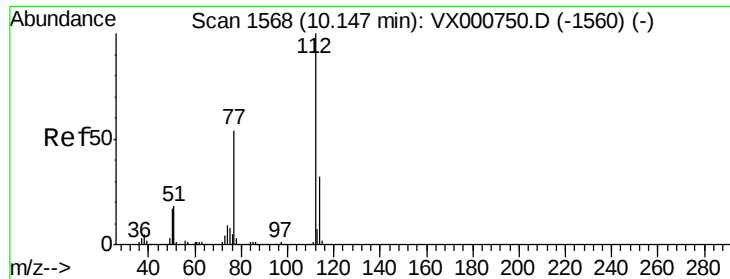
apatel
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#64
Tetrachloroethene
Concen: 51.02 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000911.D
Acq: 15 Apr 2018 21:16

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.8	102.8	154.2
129	85.3	68.5	102.7
131	83.6	66.6	100.0





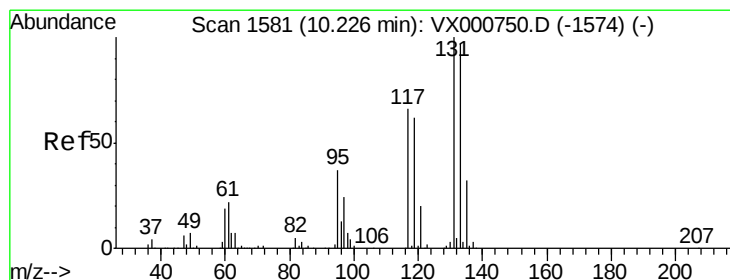
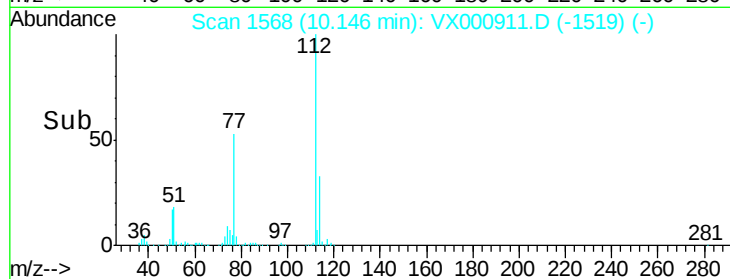
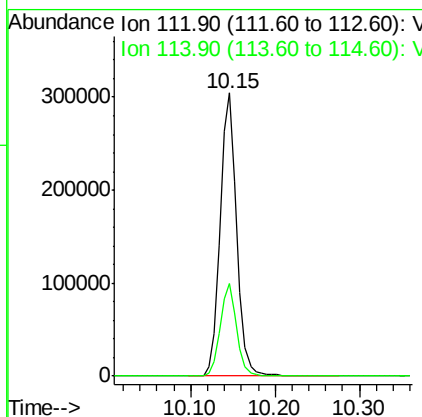
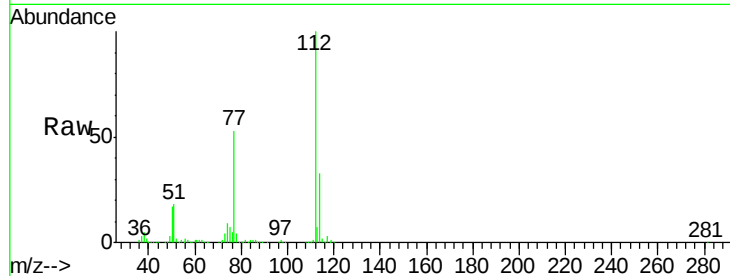
#65
Chlorobenzene
Concen: 50.36 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000911.D
Acq: 15 Apr 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.7	25.8	38.8

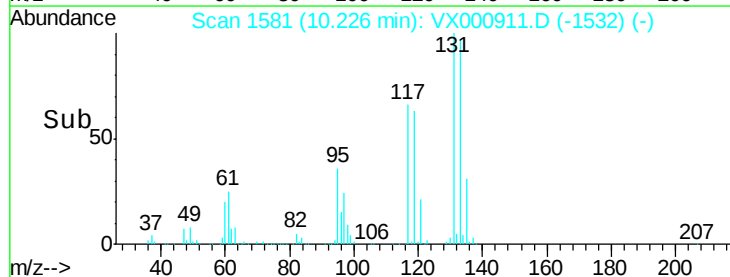
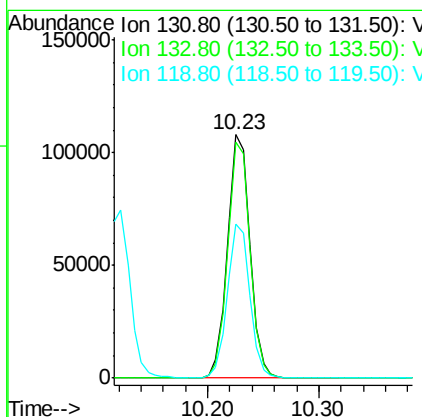
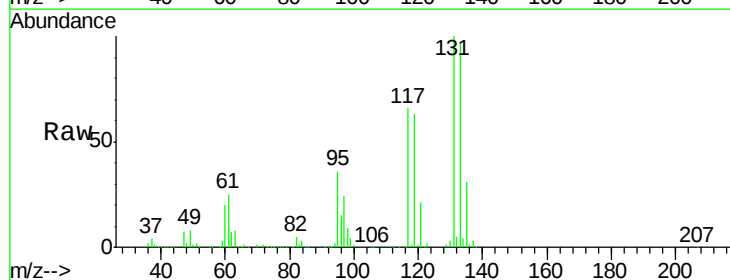
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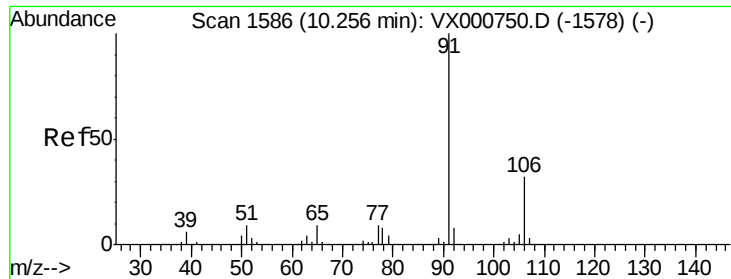
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.93 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX000911.D
Acq: 15 Apr 2018 21:16

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.6	48.3	144.9
119	63.6	31.4	94.0





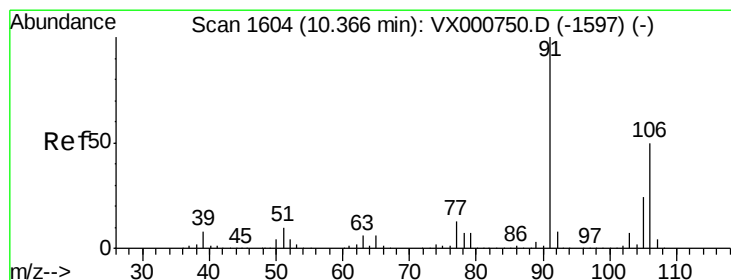
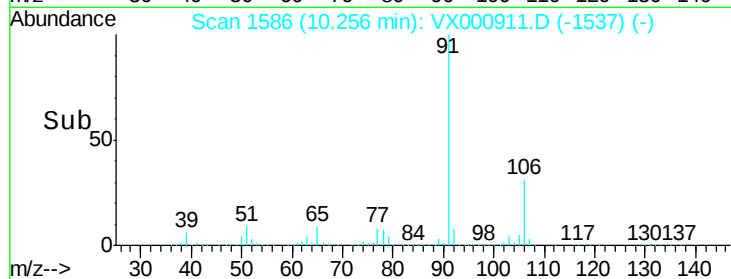
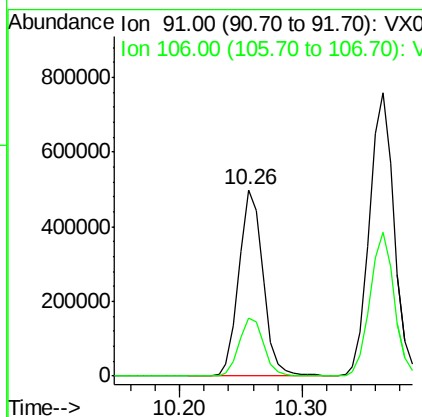
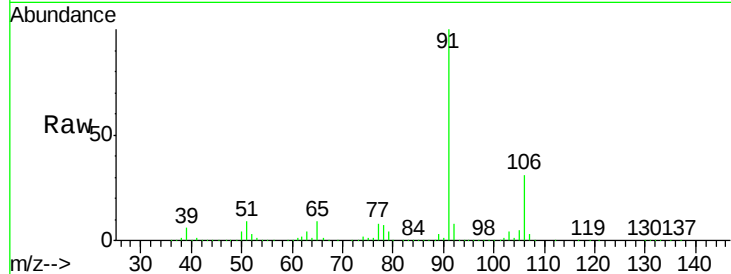
#67
Ethyl Benzene
Concen: 50.04 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX000911.D
Acq: 15 Apr 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 682285
Ion Ratio Lower Upper
91 100
106 31.3 25.4 38.0

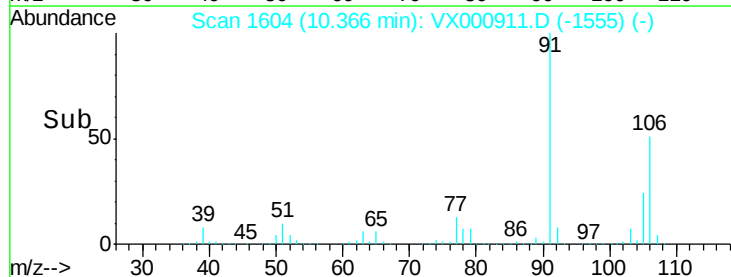
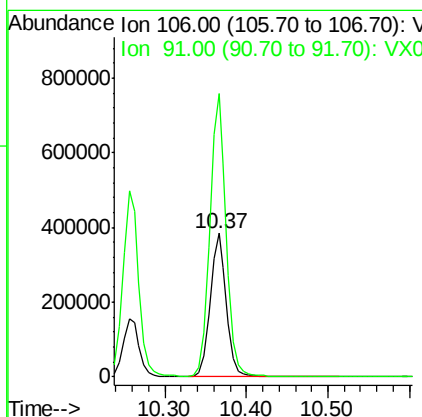
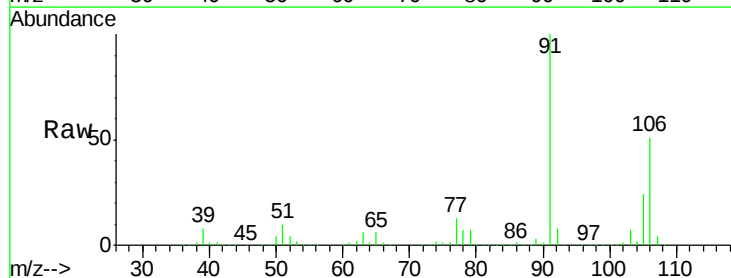
Manual Integrations
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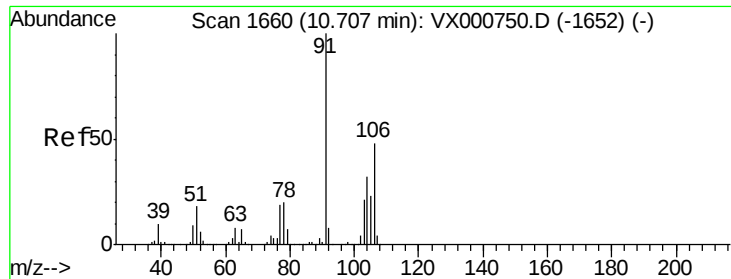
apatel
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#68
m/p-Xylenes
Concen: 99.44 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000911.D
Acq: 15 Apr 2018 21:16

Tgt Ion: 106 Resp: 535138
Ion Ratio Lower Upper
106 100
91 199.4 159.3 238.9





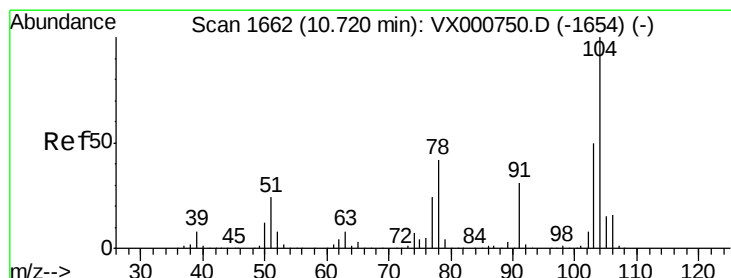
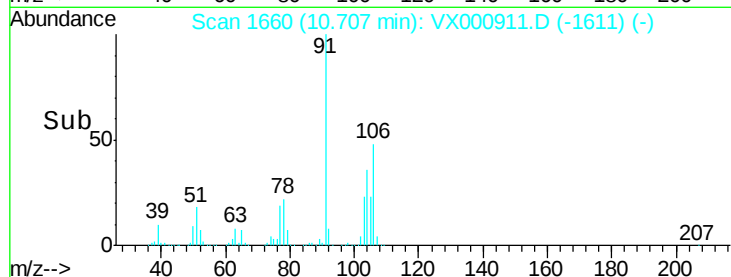
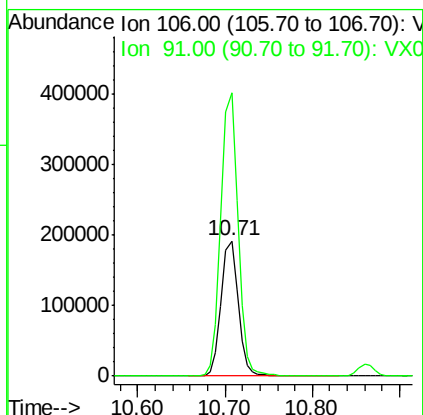
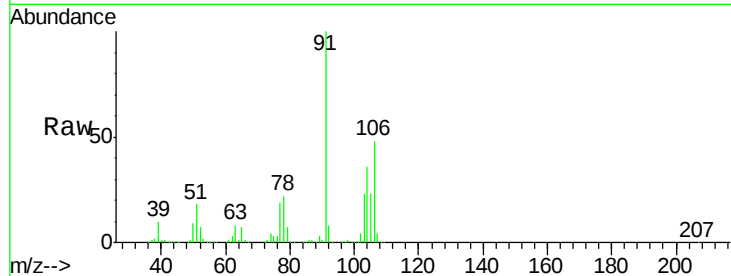
#69
o-Xylene
Concen: 50.43 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000911.D
Acq: 15 Apr 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		261558		
91	209.3	105.0	315.0		

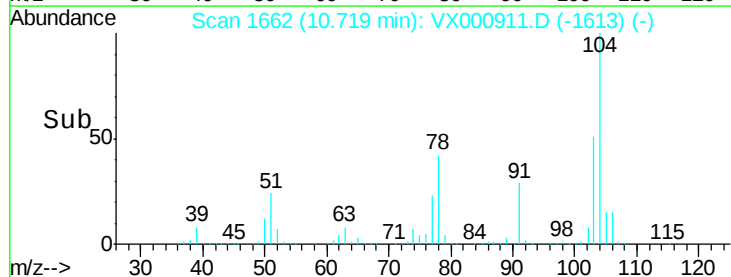
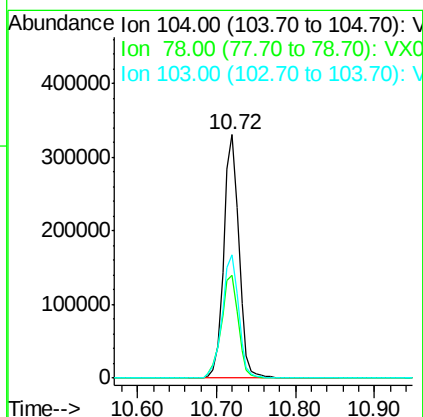
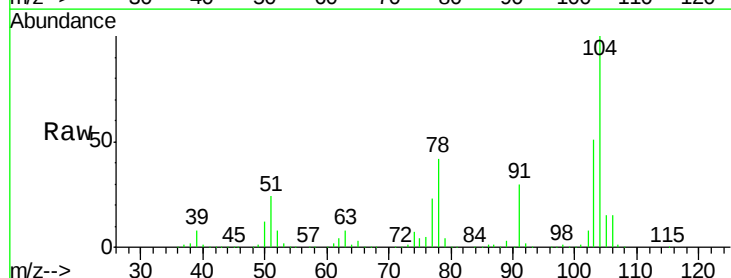
Manual Integrations
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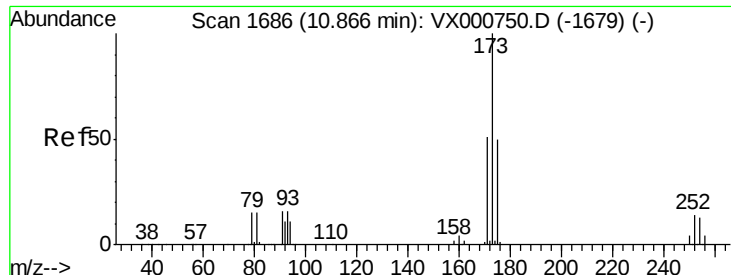
apatel
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#70
Styrene
Concen: 50.48 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000911.D
Acq: 15 Apr 2018 21:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		441453		
78	47.9	39.0	58.6		
103	55.3	44.1	66.1		





#71

Bromoform

Concen: 44.88 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 127914

Ion Ratio Lower Upper

173 100

175 48.2 24.5 73.5

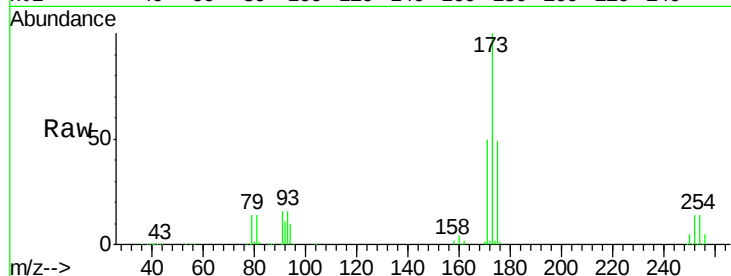
254 0.2 0.2 0.2

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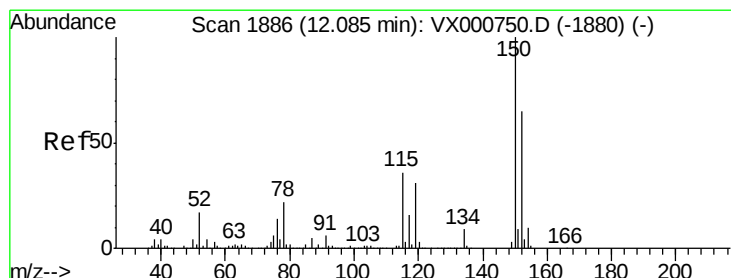
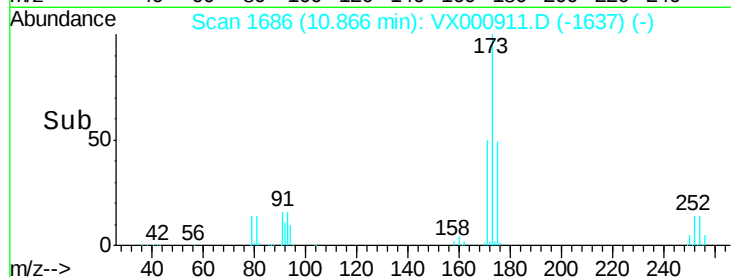
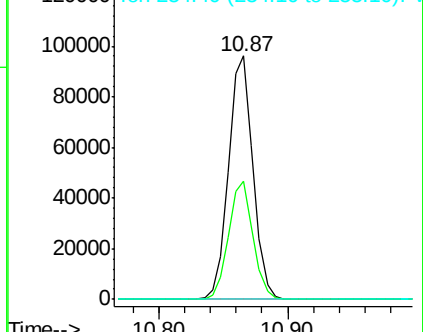
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

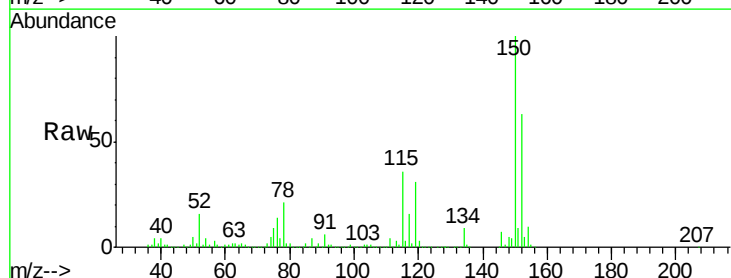
Tgt Ion:152 Resp: 218389

Ion Ratio Lower Upper

152 100

115 75.2 37.9 113.7

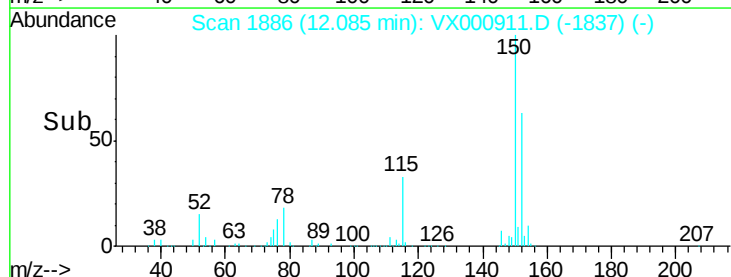
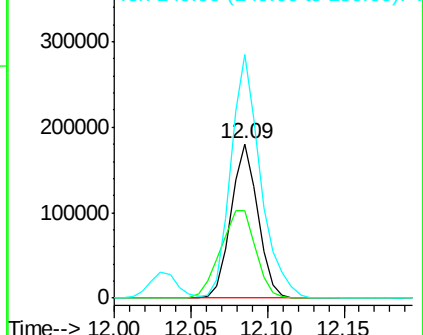
150 174.6 0.0 348.0

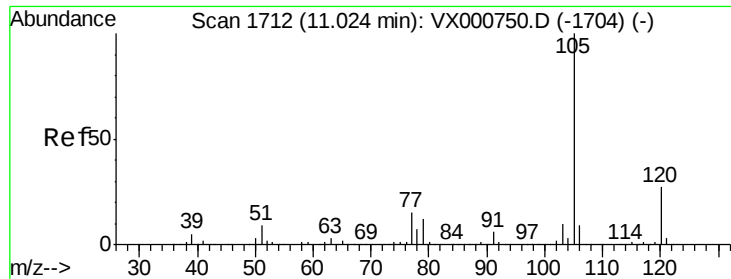


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.77 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 703328

Ion Ratio Lower Upper

105 100

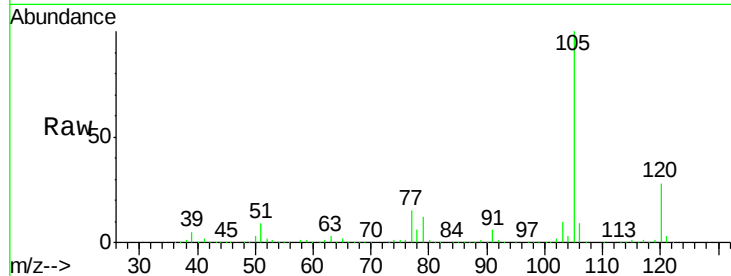
120 27.3 13.7 41.0

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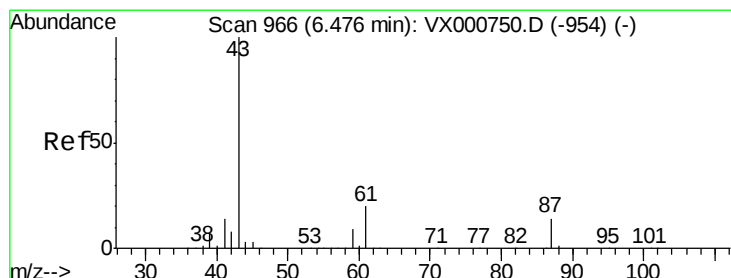
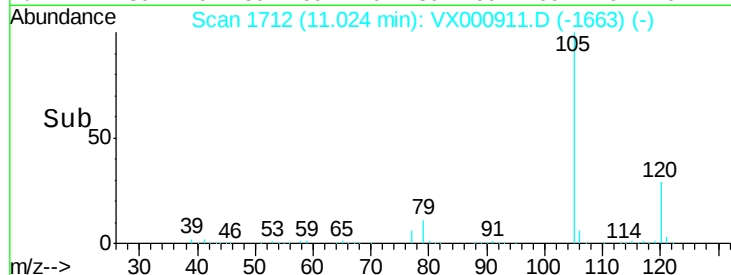
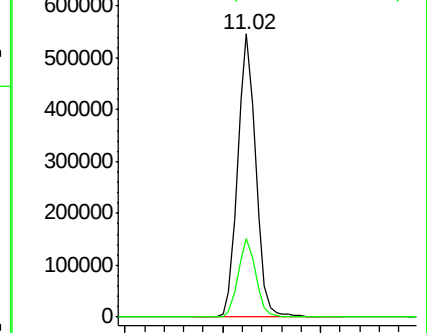
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.94 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Tgt Ion: 43 Resp: 299094

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

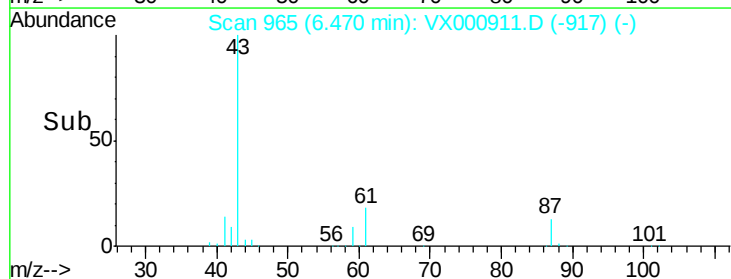
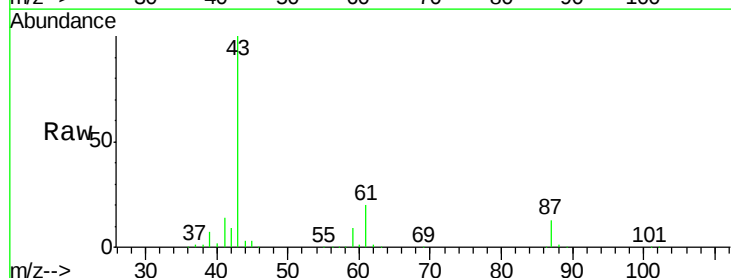
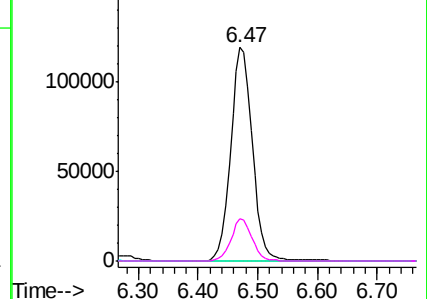
61 19.3 15.6 23.4

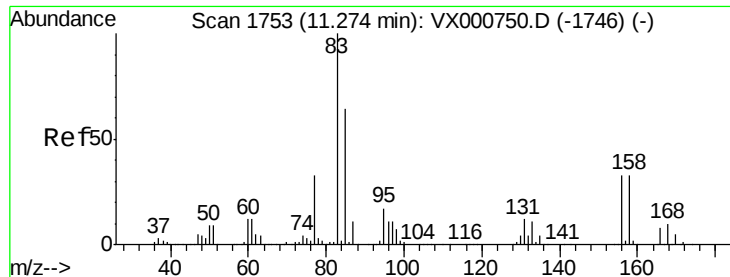
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.53 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Instrument :

MSVOA_X

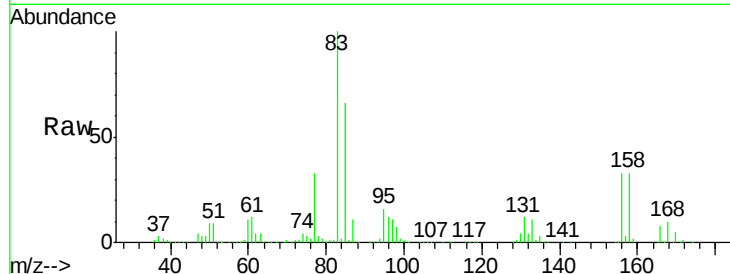
ClientSampleId :

VSTDCCC050EC

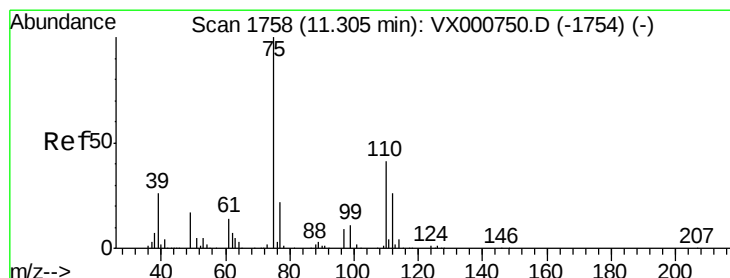
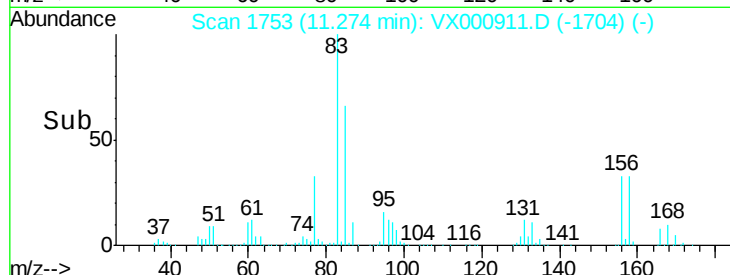
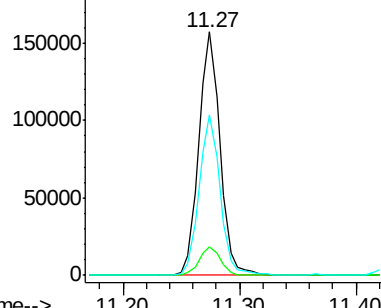
Tot Ion:	83	Resp:	199135
Ion Ratio	Lower	Upper	
83	100		
131	11.7	6.0	18.0
85	65.2	32.3	96.8

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 49.35 ug/l m

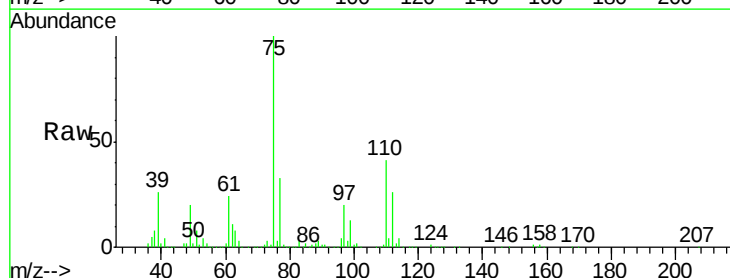
RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

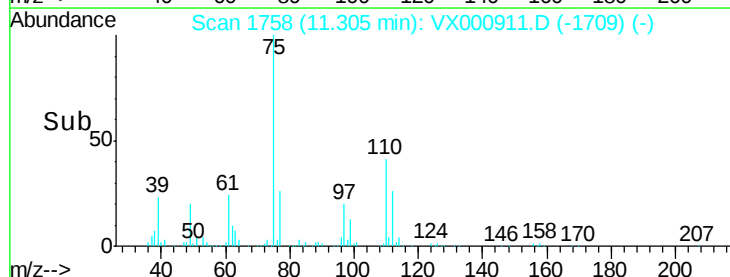
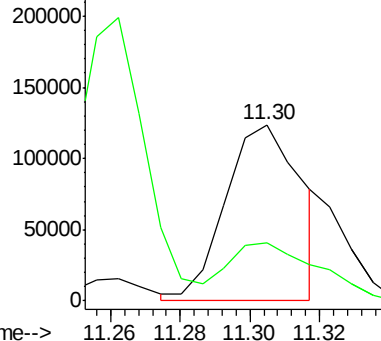
Lab File: VX000911.D

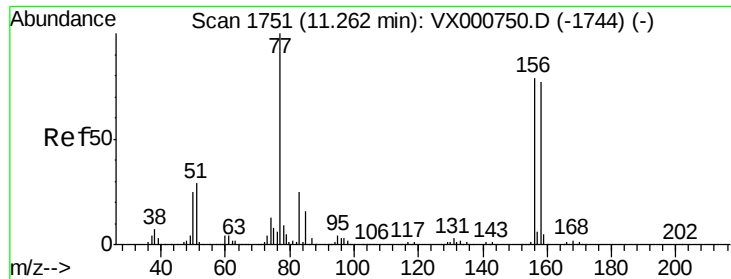
Acq: 15 Apr 2018 21:16

Tgt Ion:	75	Resp:	185870
Ion Ratio	Lower	Upper	
75	100		
77	39.2	20.5	61.5



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.27 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Instrument :

MSVOA_X

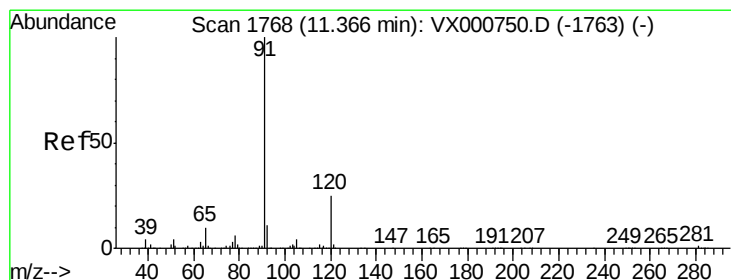
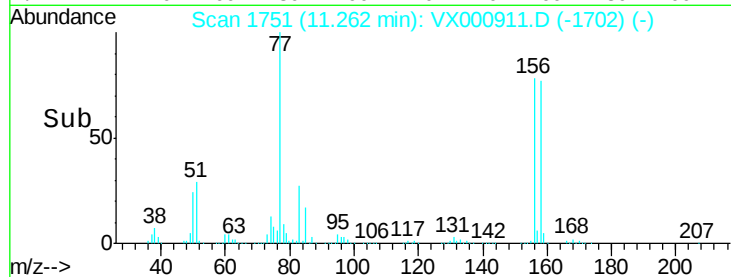
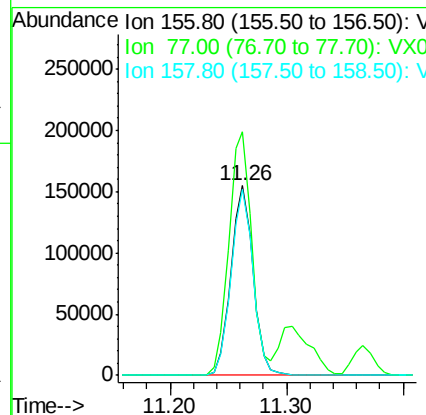
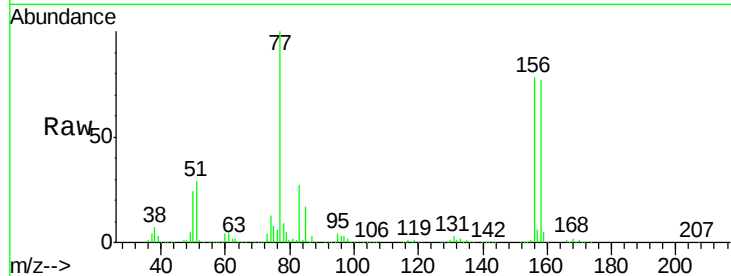
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		204120		
77	132.4	66.0	198.2		
158	97.9	48.8	146.4		

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#78

n-propylbenzene

Concen: 49.84 ug/l

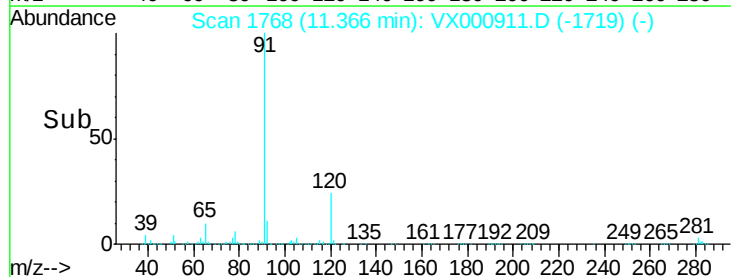
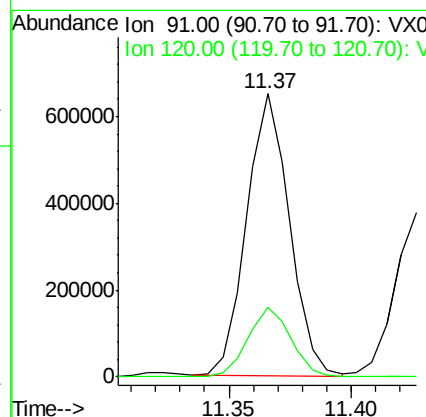
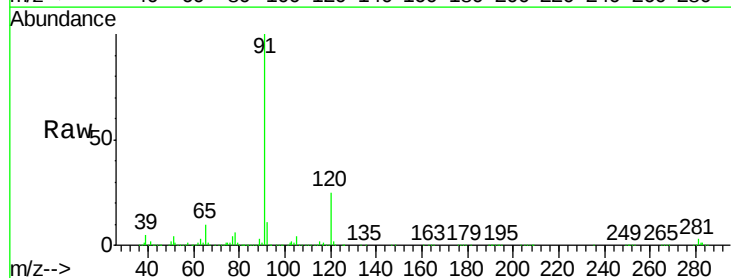
RT: 11.37 min Scan# 1768

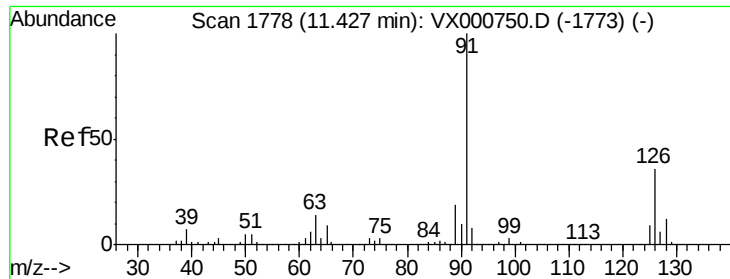
Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		789761		
120	25.0	12.6	37.6		





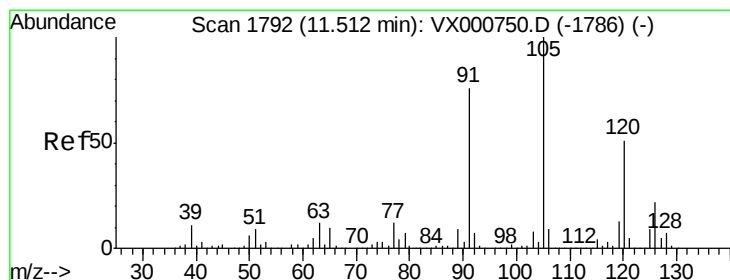
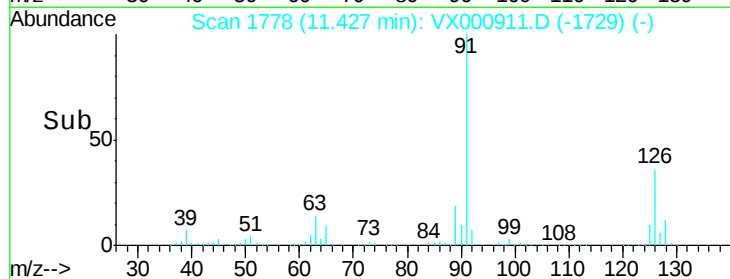
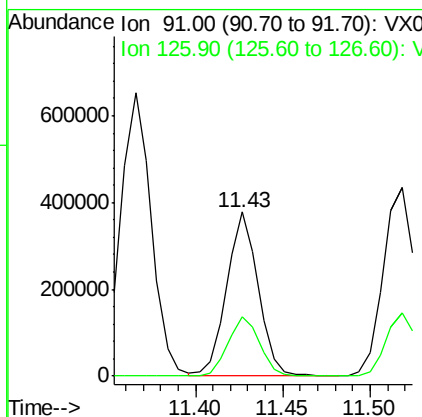
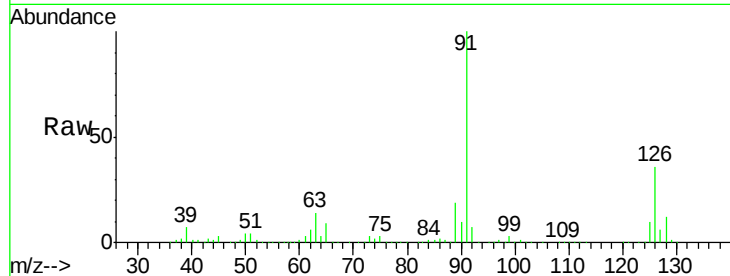
#79
 2-Chlorotoluene
 Concen: 50.00 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX000911.D
 Acq: 15 Apr 2018 21:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 468288
 Ion Ratio Lower Upper
 91 100
 126 36.9 18.3 54.9

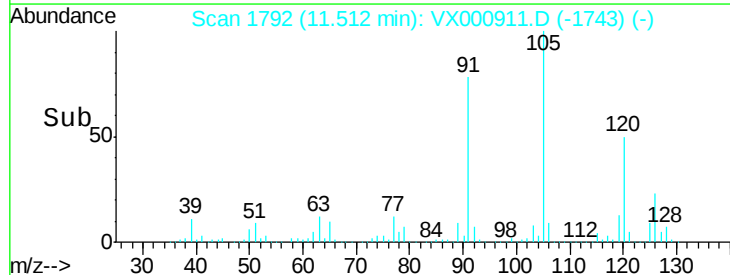
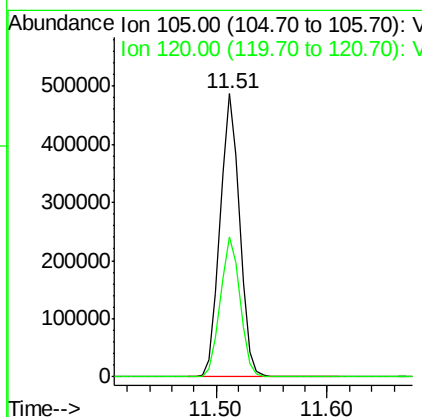
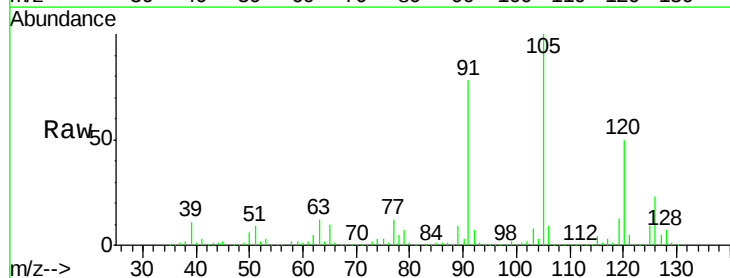
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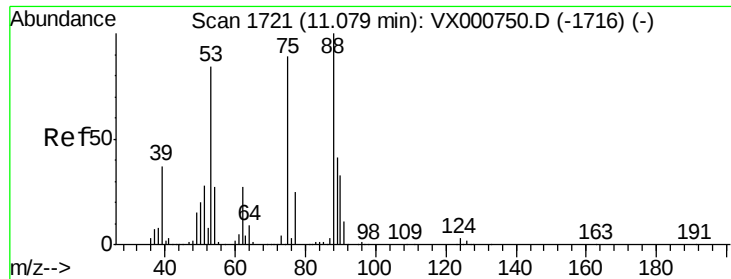
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#80
 1,3,5-Trimethylbenzene
 Concen: 49.73 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000911.D
 Acq: 15 Apr 2018 21:16

Tgt Ion: 105 Resp: 592545
 Ion Ratio Lower Upper
 105 100
 120 50.0 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 41.65 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 57023

Ion Ratio Lower Upper

75 100

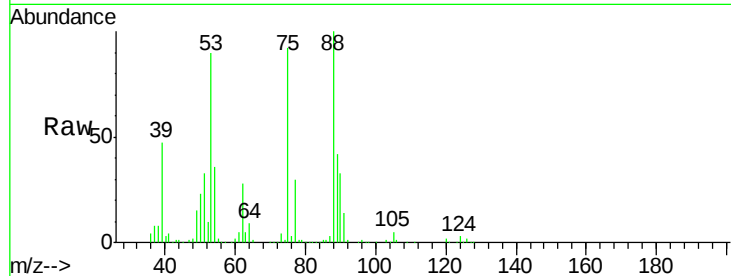
53 98.8 75.4 113.0

89 47.1 40.9 61.3

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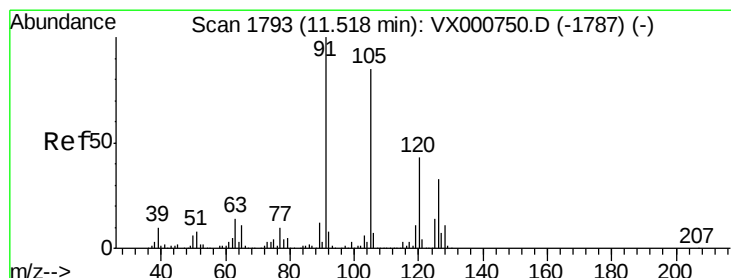
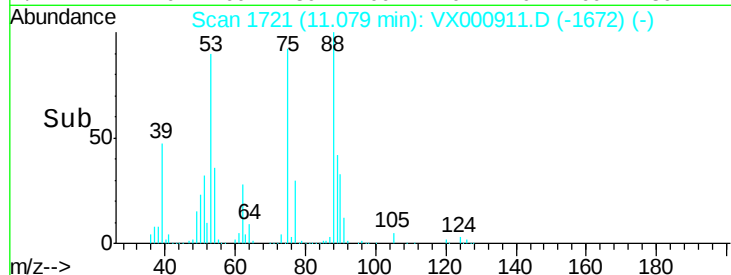
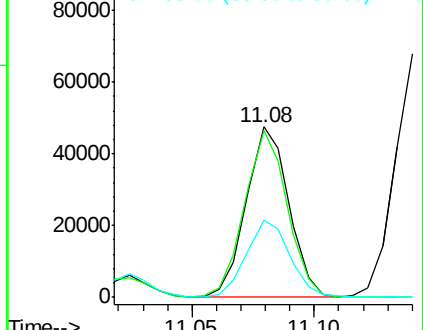
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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 48.99 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000911.D

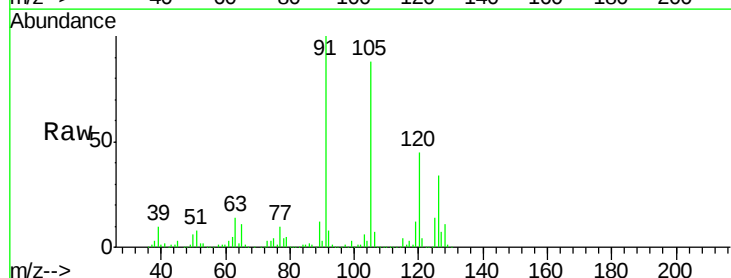
Acq: 15 Apr 2018 21:16

Tgt Ion: 91 Resp: 553899

Ion Ratio Lower Upper

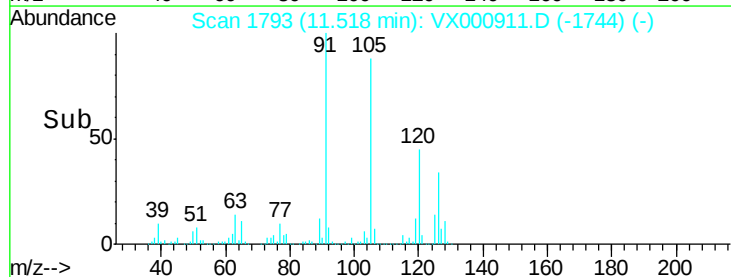
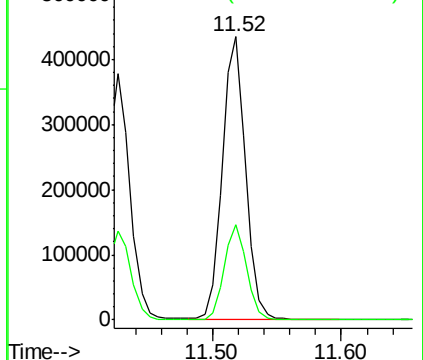
91 100

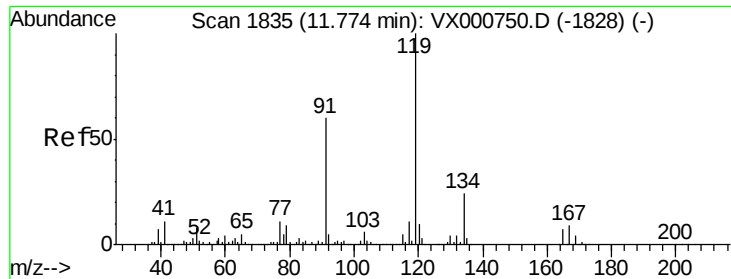
126 32.5 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





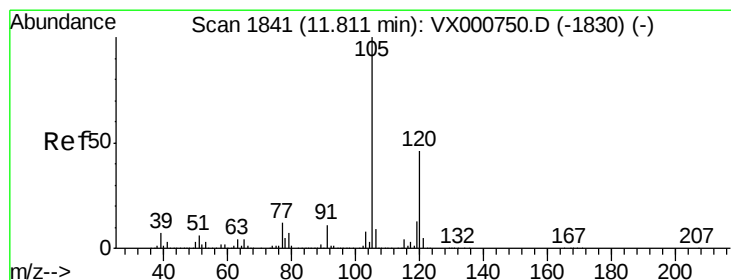
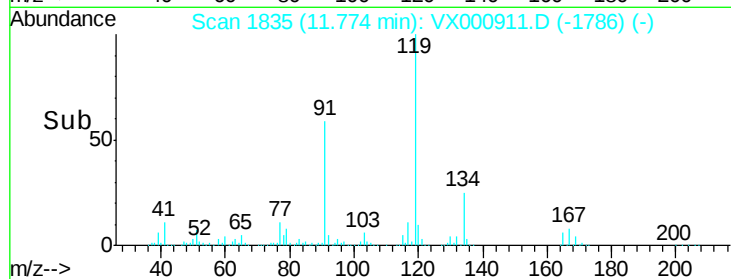
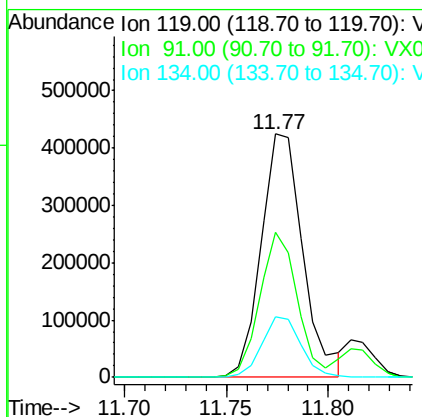
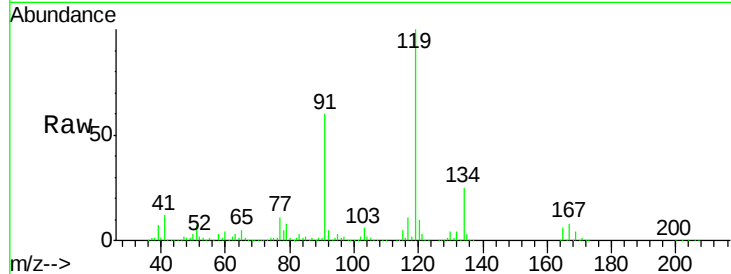
#83
 tert-Butylbenzene
 Concen: 49.69 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX000911.D
 Acq: 15 Apr 2018 21:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	605698		
91	53.5	26.8	80.3	
134	23.4	11.5	34.4	

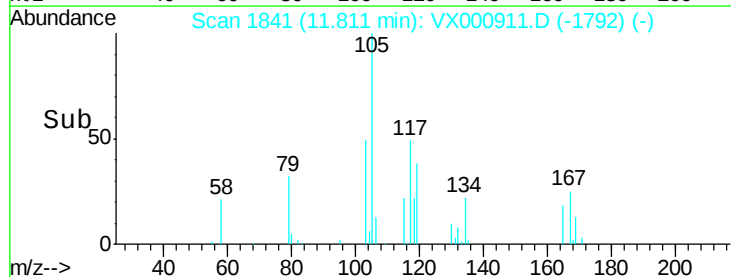
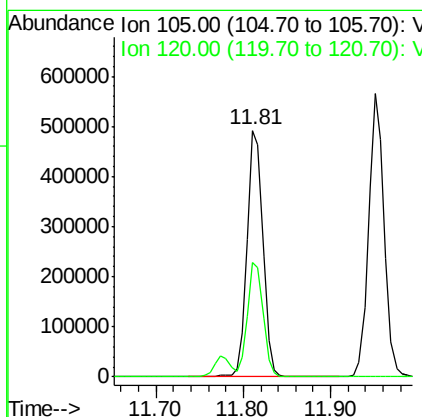
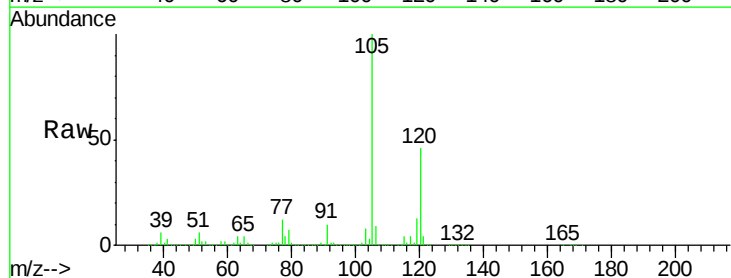
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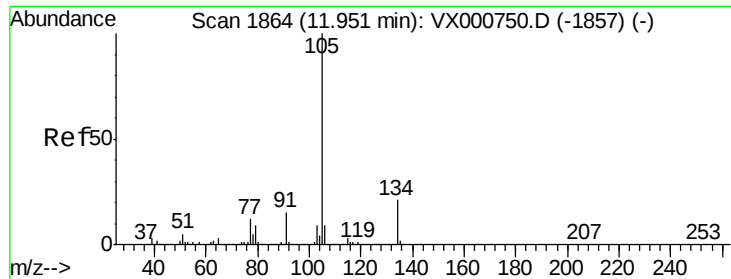
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.87 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX000911.D
 Acq: 15 Apr 2018 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	613489		
120	45.9	23.1	69.3	





#85

sec-Butylbenzene

Concen: 48.82 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 701993

Ion Ratio Lower Upper

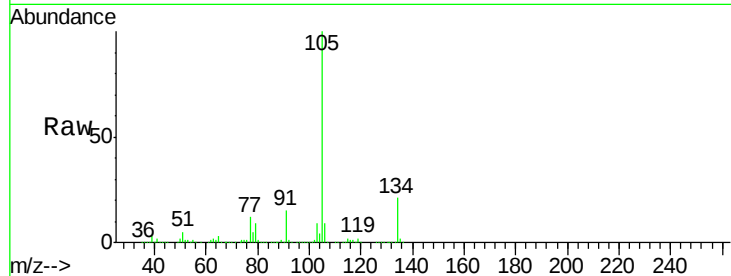
105 100

134 21.5 10.8 32.4

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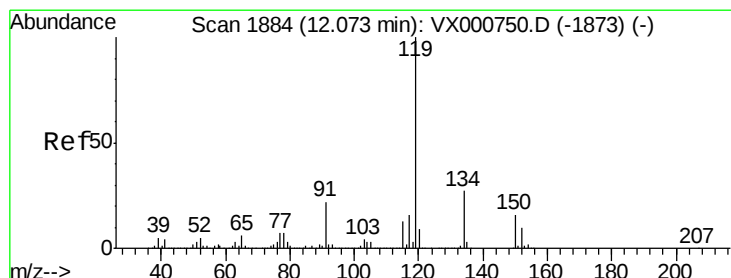
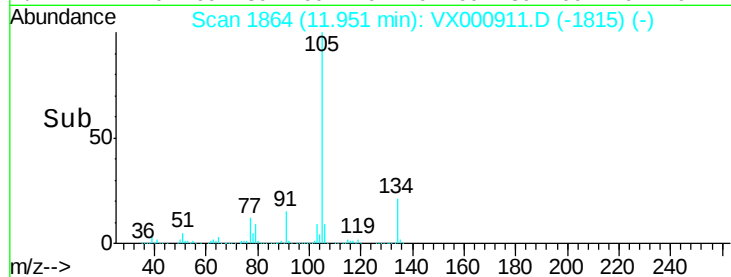
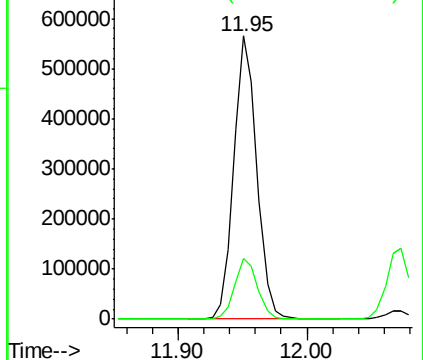
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.41 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

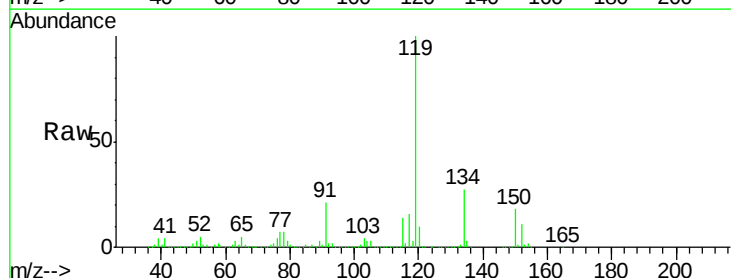
Tgt Ion:119 Resp: 649153

Ion Ratio Lower Upper

119 100

134 26.8 13.6 40.7

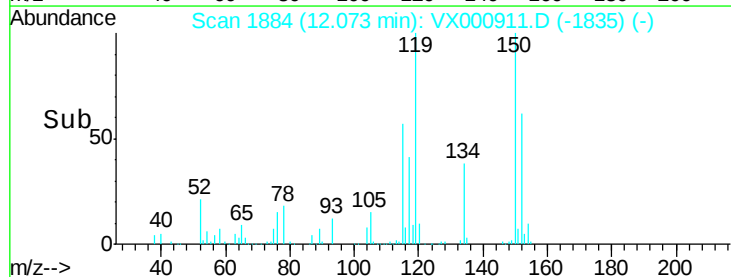
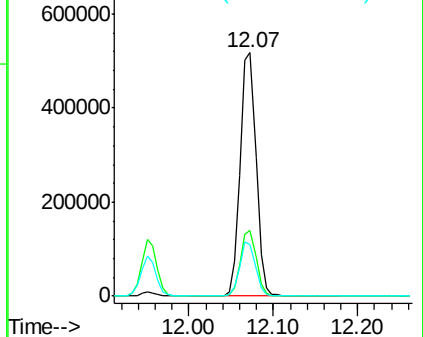
91 21.9 11.2 33.5

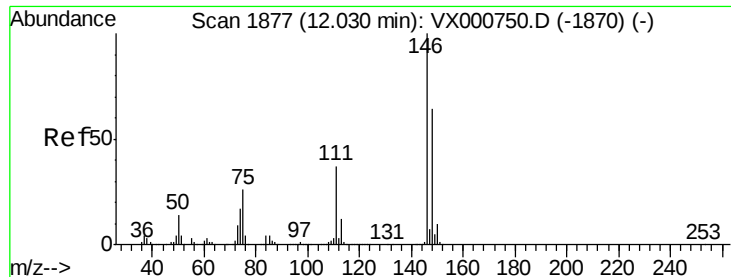


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





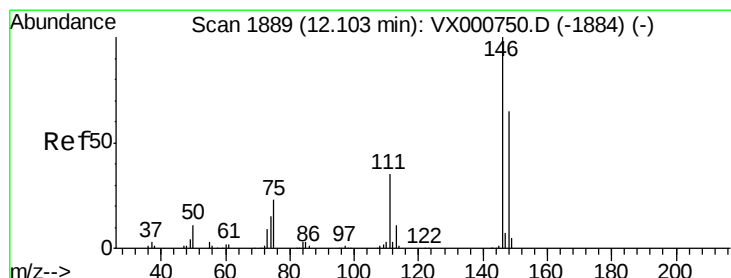
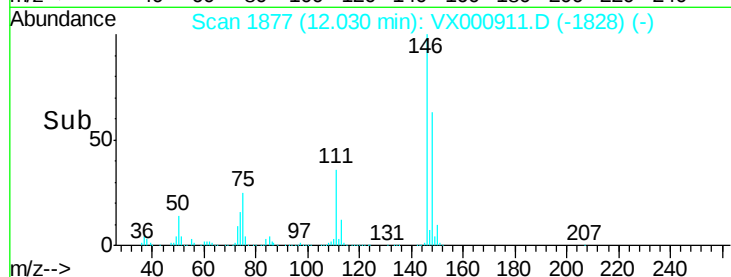
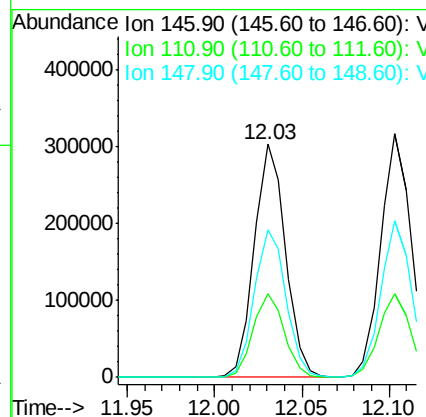
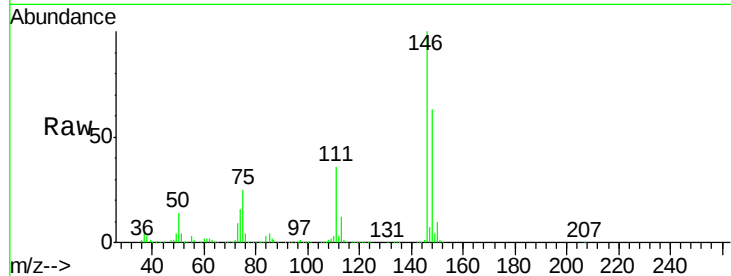
#87
 1,3-Dichlorobenzene
 Concen: 50.20 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX000911.D
 Acq: 15 Apr 2018 21:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.3	54.8
148	64.3	32.2	96.6

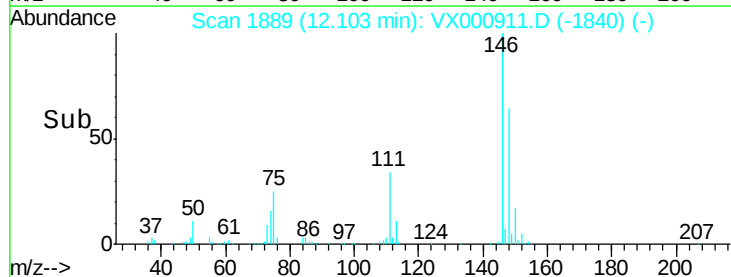
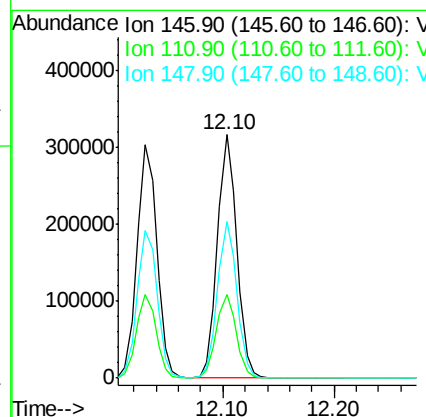
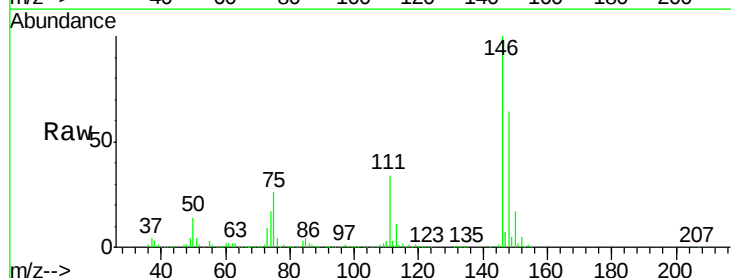
Manual Integrations
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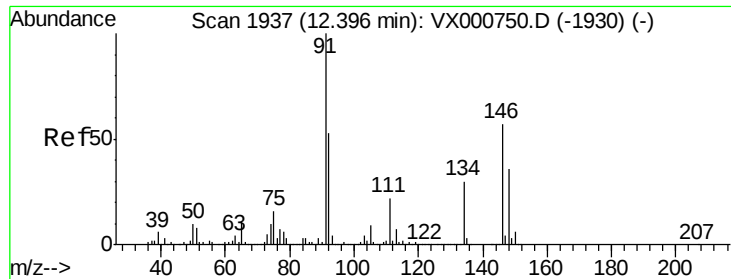
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#88
 1,4-Dichlorobenzene
 Concen: 49.94 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX000911.D
 Acq: 15 Apr 2018 21:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.1	17.9	53.8
148	64.3	32.6	97.7





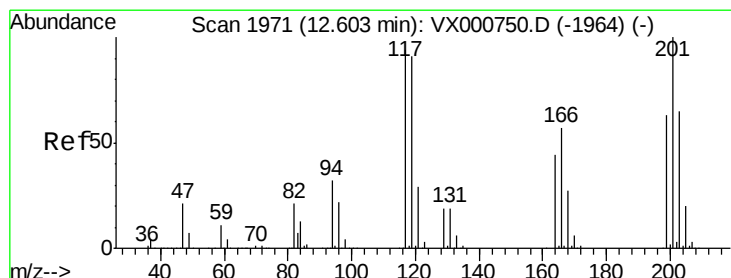
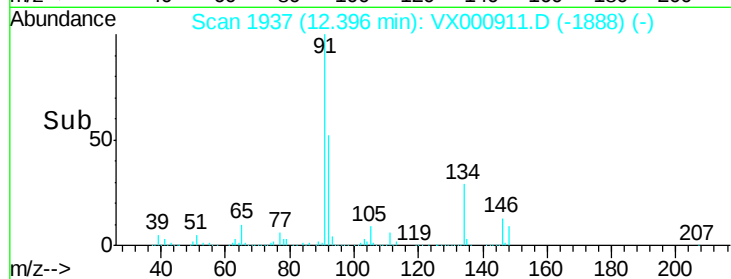
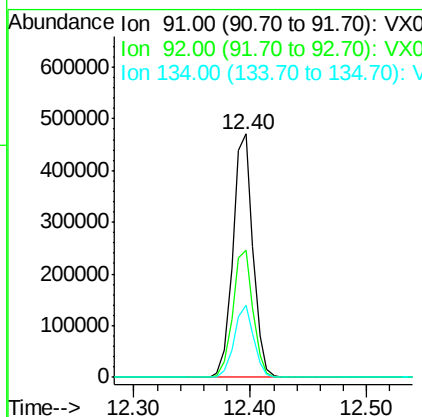
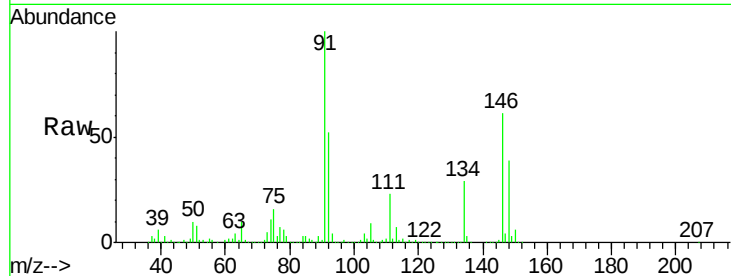
#89
n-Butylbenzene
Concen: 47.47 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000911.D
Acq: 15 Apr 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.5	79.5
134	28.9	14.5	43.5

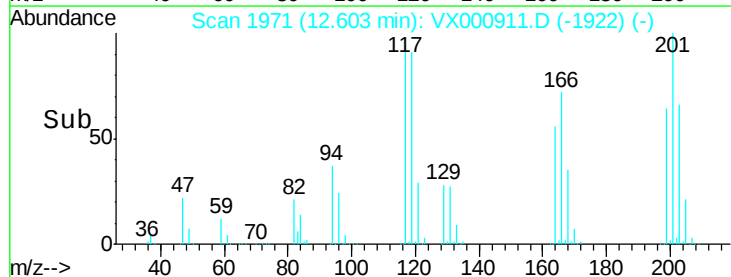
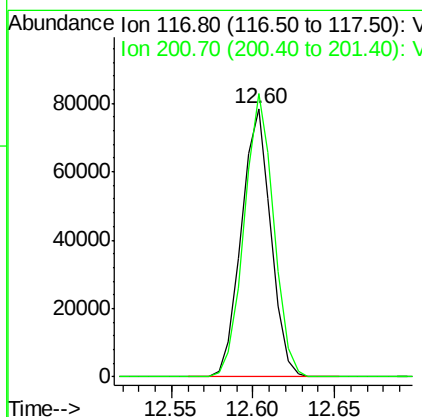
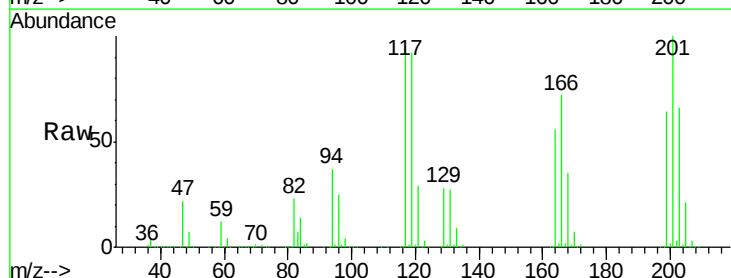
Manual Integrations
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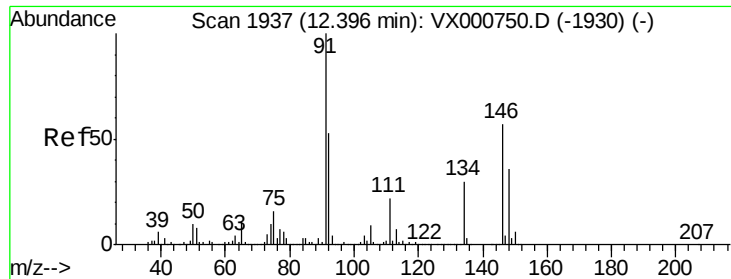
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#90
Hexachloroethane
Concen: 43.42 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000911.D
Acq: 15 Apr 2018 21:16

Tgt Ion	Ratio	Lower	Upper
117	100		
201	105.7	52.9	158.7





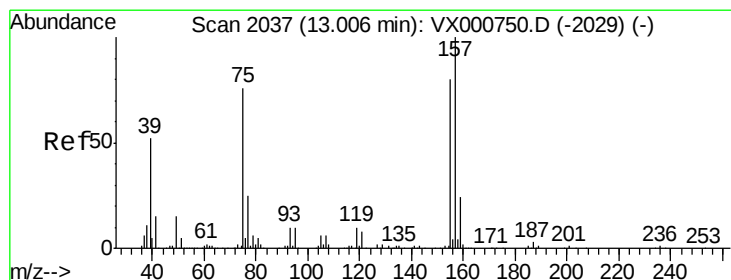
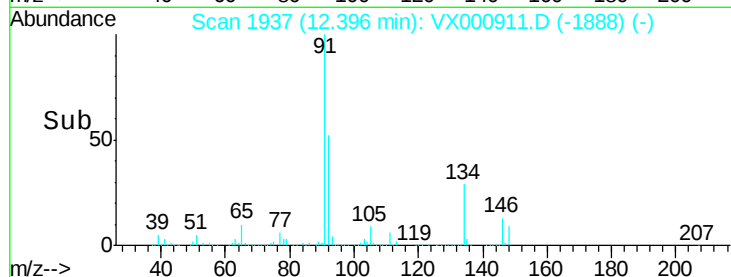
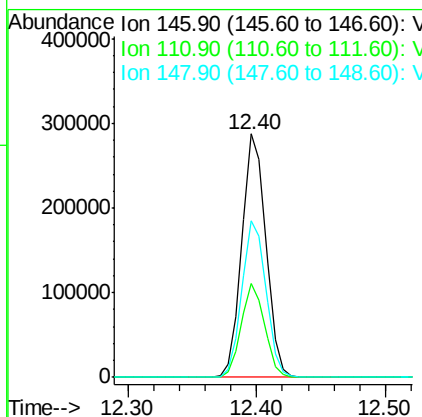
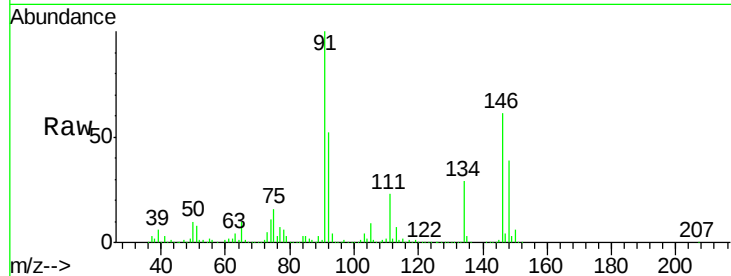
#91
 1,2-Dichlorobenzene
 Concen: 51.04 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX000911.D
 Acq: 15 Apr 2018 21:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	370283		
111	37.6	18.9	56.7	
148	64.5	32.0	96.2	

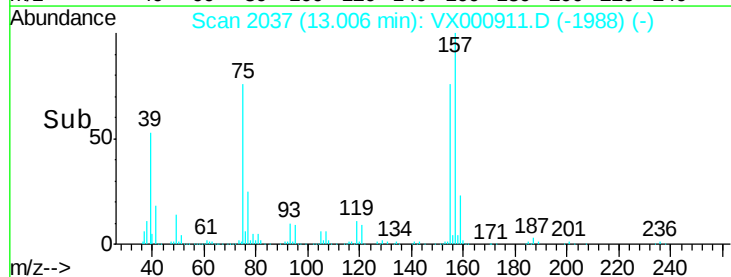
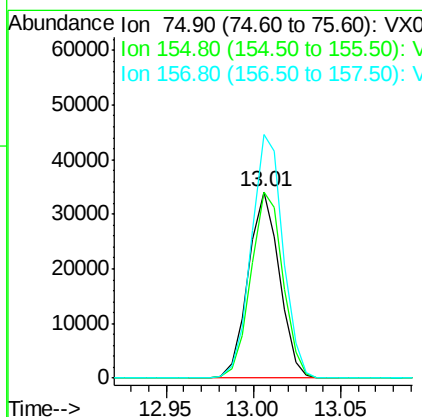
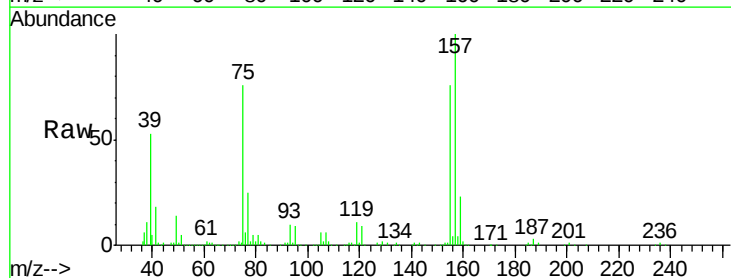
Manual Integrations
 APPROVED

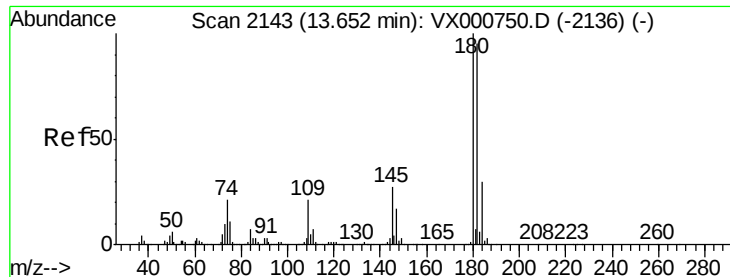
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.80 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX000911.D
 Acq: 15 Apr 2018 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	42113		
155	103.0	51.9	155.8	
157	133.0	66.6	199.8	





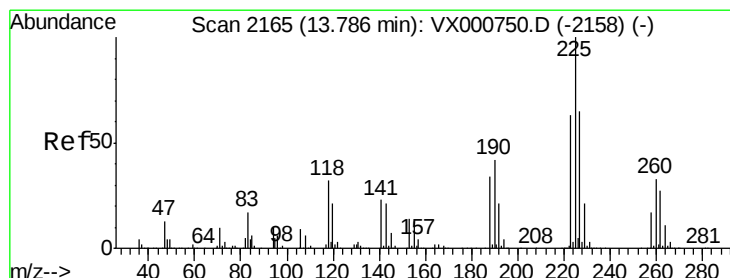
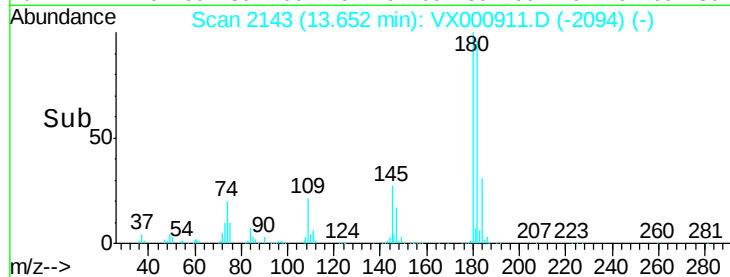
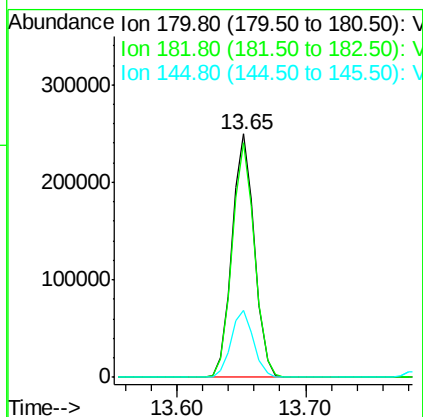
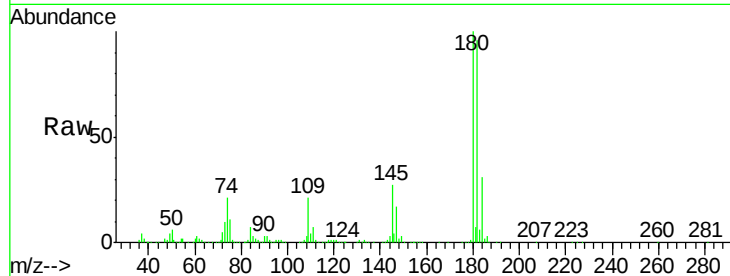
#93
 1,2,4-Trichlorobenzene
 Concen: 48.94 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000911.D
 Acq: 15 Apr 2018 21:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.4	47.5	142.5	
145	27.5	13.8	41.4	

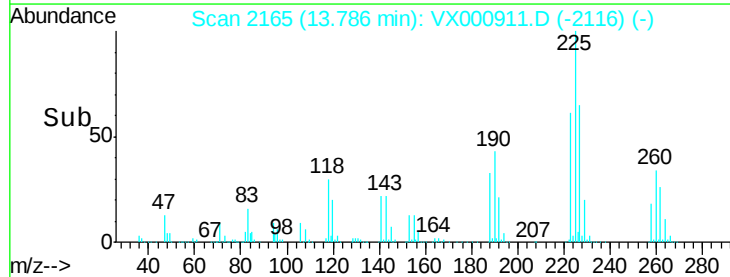
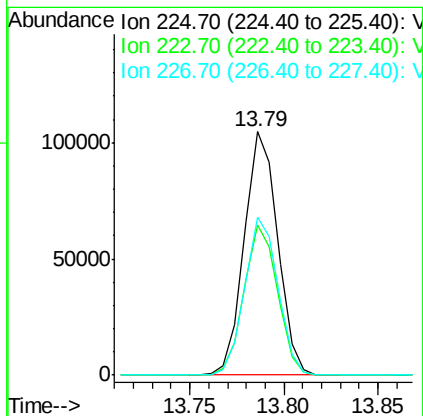
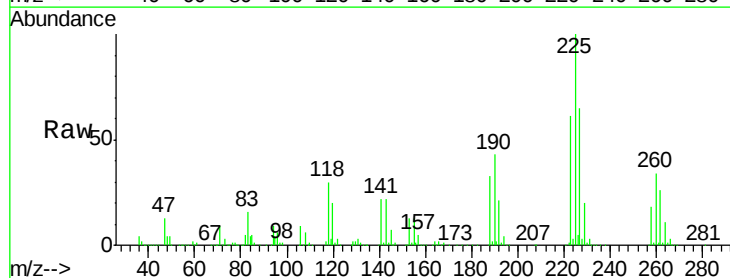
Manual Integrations
 APPROVED

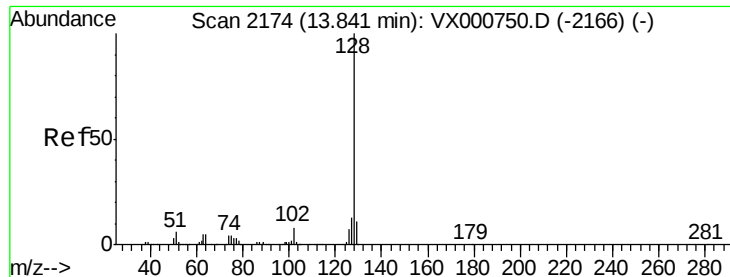
apatel
 4/16/2018 3:35:11 PM



#94
 Hexachlorobutadiene
 Concen: 42.32 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX000911.D
 Acq: 15 Apr 2018 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.6	31.2	93.6	
227	64.6	32.3	96.9	





#95

Naphthalene

Concen: 48.89 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Instrument :

MSVOA_X

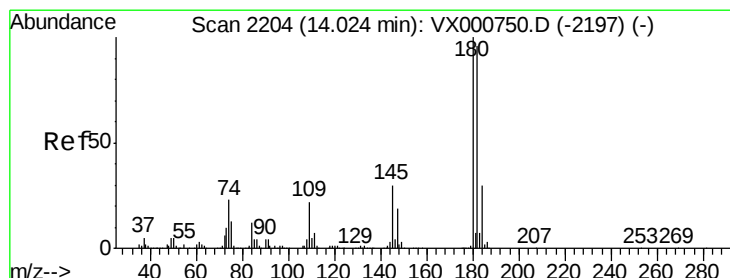
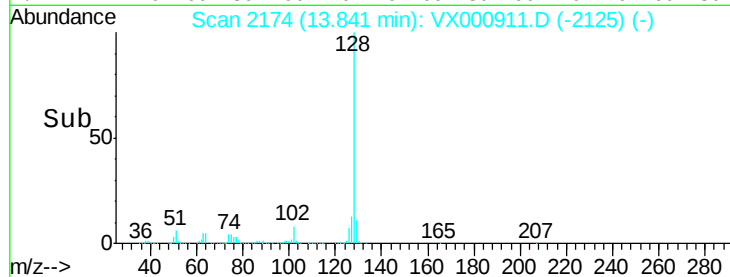
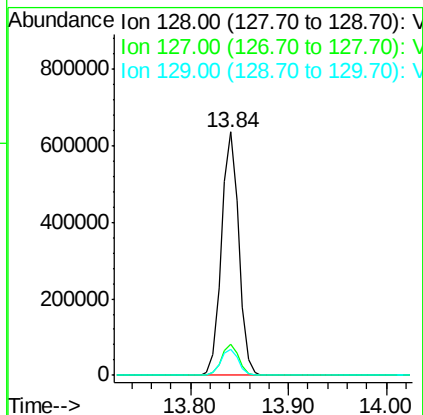
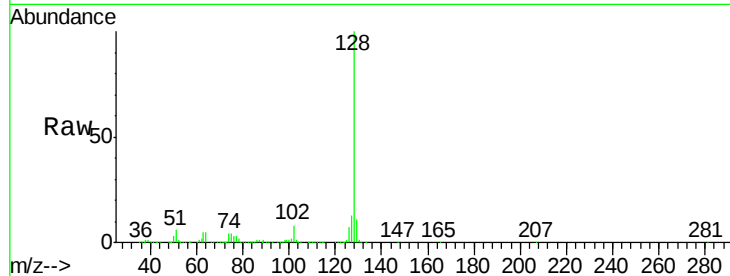
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	776921
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	11.0	8.7	13.1

Manual Integrations
APPROVED

apatel
4/16/2018 3:35:11 PM



#96

1,2,3-Trichlorobenzene

Concen: 49.24 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Tgt Ion:	180	Resp:	296049
Ion Ratio	Lower	Upper	
180	100		
182	95.7	48.4	145.2
145	29.0	14.6	43.8

