

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041018\
 Data File : VX000747.D
 Acq On : 10 Apr 2018 12:44
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 4/11/2018 11:20:40 AM

Quant Time: Apr 10 15:19:45 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:11:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	317906	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	410269	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	384381	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	259289	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	5043	1.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.60%	
35) Dibromofluoromethane	5.51	113	3477	1.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.20%	
50) Toluene-d8	8.72	98	13734	1.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.40%	
62) 4-Bromofluorobenzene	11.14	95	5907	1.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	3589	0.97	ug/l	97
3) Chloromethane	1.32	50	3454	1.11	ug/l	94
4) Vinyl Chloride	1.40	62	3644	1.04	ug/l	100
5) Bromomethane	1.65	94	2151	1.48	ug/l	98
6) Chloroethane	1.73	64	2260	1.11	ug/l	93
7) Trichlorofluoromethane	1.93	101	5452	1.04	ug/l	99
8) Diethyl Ether	2.19	74	2210	1.16	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	3374	1.11	ug/l #	95
12) 1,1-Dichloroethene	2.38	96	3202	1.11	ug/l	95
14) Allyl chloride	2.73	41	6109	1.14	ug/l	93
15) Acrylonitrile	3.15	53	7915	5.11	ug/l	98
16) Acetone	2.45	43	8238	5.96	ug/l	97
17) Carbon Disulfide	2.57	76	10320	1.20	ug/l	99
18) Methyl Acetate	2.78	43	3788	1.04	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	10053	1.02	ug/l	99
20) Methylene Chloride	2.86	84	3879	1.26	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	3896	1.24	ug/l	95
22) Diisopropyl ether	3.87	45	10092	1.02	ug/l	99
23) Vinyl Acetate	3.82	43	42987	4.95	ug/l	99
24) 1,1-Dichloroethane	3.70	63	6066	1.10	ug/l #	91
25) 2-Butanone	4.71	43	11739	5.01	ug/l	100
26) 2,2-Dichloropropane	4.59	77	6249	1.14	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	3846	1.05	ug/l	99
28) Bromochloromethane	5.02	49	2647	1.23	ug/l #	93
29) Tetrahydrofuran	5.17	42	7688	5.21	ug/l	99
30) Chloroform	5.22	83	6111	1.03	ug/l	94
31) Cyclohexane	5.59	56	6051	1.17	ug/l	96
32) 1,1,1-Trichloroethane	5.51	97	5979	1.05	ug/l #	50
36) 1,1-Dichloropropene	5.81	75	5243	1.20	ug/l	94
37) Ethyl Acetate	4.87	43	4713	1.07	ug/l	97
38) Carbon Tetrachloride	5.79	117	5614	1.12	ug/l	96
39) Methylcyclohexane	7.46	83	6147	1.18	ug/l	99
40) Benzene	6.15	78	13612	1.10	ug/l	96
41) Methacrylonitrile	5.07	41	2779	1.09	ug/l	87

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Manual Integrations
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MMDadoda
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.20	62	5056	1.09	ug/l	88
43) Isopropyl Acetate	6.47	43	8125	1.08	ug/l	99
44) Trichloroethene	7.23	130	4317	1.12	ug/l	97
45) 1,2-Dichloropropane	7.53	63	3307	1.03	ug/l	97
46) Dibromomethane	7.67	93	2444	1.11	ug/l	90
47) Bromodichloromethane	7.91	83	4580	1.01	ug/l	97
48) Methyl methacrylate	7.78	41	4162	1.06	ug/l	96
49) 1,4-Dioxane	7.77	88	1761	22.32	ug/l #	87
51) 4-Methyl-2-Pentanone	8.65	43	22325	4.98	ug/l	100
52) Toluene	8.79	92	9034	1.10	ug/l	95
53) t-1,3-Dichloropropene	8.44	75	5482	1.01	ug/l	90
54) cis-1,3-Dichloropropene	9.05	75	5295	0.99	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	3703	1.15	ug/l	90
56) Ethyl methacrylate	9.19	69	5256	1.03	ug/l	96
57) 1,3-Dichloropropane	9.38	76	5387	1.02	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	10304	4.22	ug/l	98
59) 2-Hexanone	9.51	43	16894	4.86	ug/l	100
60) Dibromochloromethane	9.59	129	3873	0.96	ug/l	98
61) 1,2-Dibromoethane	9.68	107	3721	1.06	ug/l	97
64) Tetrachloroethene	9.34	164	4070	1.10	ug/l	97
65) Chlorobenzene	10.15	112	10342	1.07	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	3666	1.00	ug/l #	66
67) Ethyl Benzene	10.26	91	17317	1.08	ug/l	98
68) m/p-Xylenes	10.37	106	13524	2.13	ug/l	99
69) o-Xylene	10.71	106	6273	1.02	ug/l	93
70) Styrene	10.72	104	10630	1.02	ug/l	98
71) Bromoform	10.86	173	2951	0.84	ug/l #	95
73) Isopropylbenzene	11.02	105	17444	1.06	ug/l	100
74) N-amyl acetate	6.47	43	8125	1.09	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	5071	1.06	ug/l	97
76) 1,2,3-Trichloropropane	11.30	75	4572m	1.01	ug/l	
77) Bromobenzene	11.26	156	5334	1.12	ug/l	95
78) n-propylbenzene	11.37	91	20737	1.11	ug/l	99
79) 2-Chlorotoluene	11.43	91	12449	1.12	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	15286	1.08	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	1584	0.96	ug/l	86
82) 4-Chlorotoluene	11.52	91	14823	1.12	ug/l	97
83) tert-Butylbenzene	11.78	119	14636	1.00	ug/l	92
84) 1,2,4-Trimethylbenzene	11.82	105	15744	1.08	ug/l	96
85) sec-Butylbenzene	11.95	105	18321	1.07	ug/l	99
86) p-Isopropyltoluene	12.07	119	16938	1.06	ug/l	92
87) 1,3-Dichlorobenzene	12.03	146	9952	1.13	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	10315m	1.15	ug/l	
89) n-Butylbenzene	12.40	91	15365	1.09	ug/l	99
90) Hexachloroethane	12.60	117	2646	0.95	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	9110	1.06	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	1260	1.06	ug/l	86
93) 1,2,4-Trichlorobenzene	13.65	180	8118	1.11	ug/l	99
94) Hexachlorobutadiene	13.79	225	3929	1.10	ug/l	98
95) Naphthalene	13.84	128	19592	1.02	ug/l	100

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MSVOA_X
ClientSampleId :
VSTDICC001

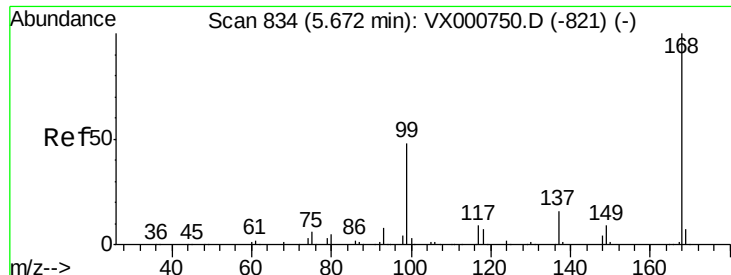
Manual Integrations
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4/11/2018 11:20:40 AM

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Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:11:30 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.03	180	7593	1.07	ug/l	97

(#) = 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: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion:168 Resp: 317906

Ion Ratio Lower Upper

168 100

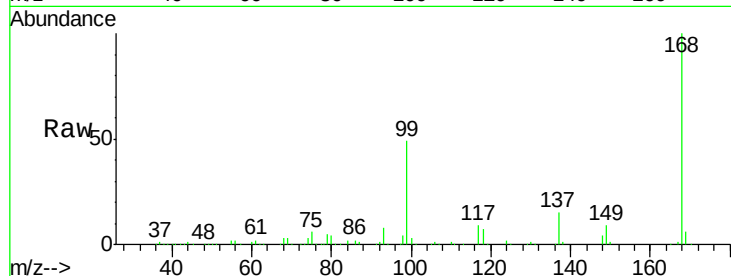
99 48.8 38.3 57.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

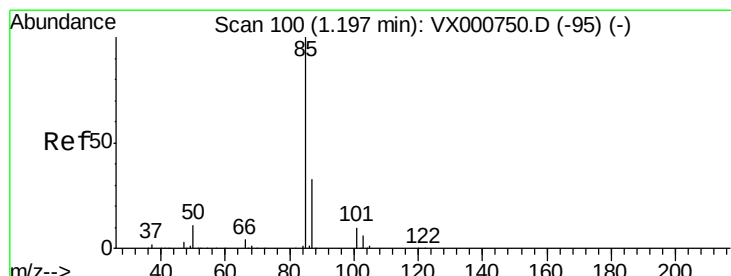
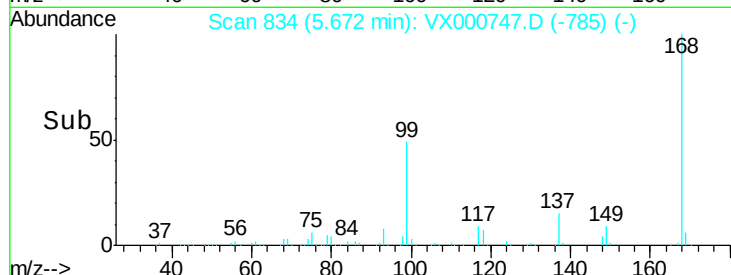
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.97 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000747.D

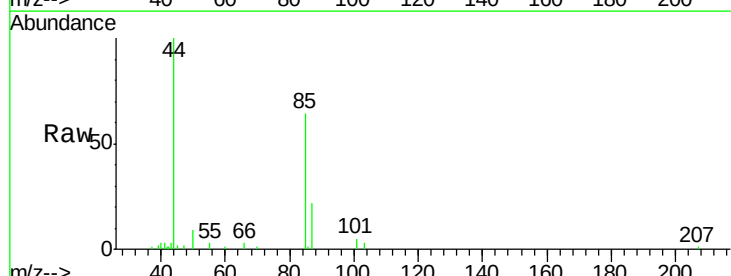
Acq: 10 Apr 2018 12:44

Tgt Ion: 85 Resp: 3589

Ion Ratio Lower Upper

85 100

87 34.3 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

4000

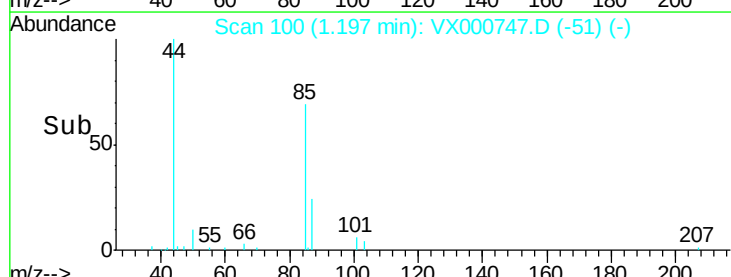
3000

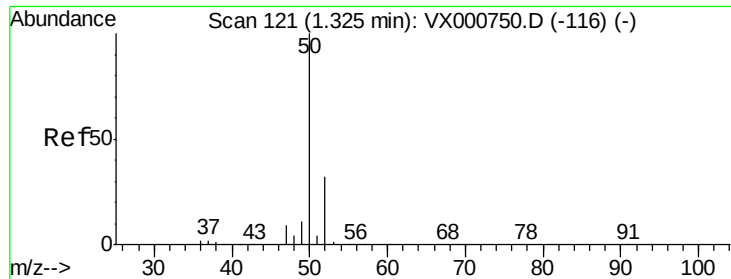
2000

1000

0

Time-->





#3

Chloromethane

Concen: 1.11 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 3454

Ion Ratio Lower Upper

50 100

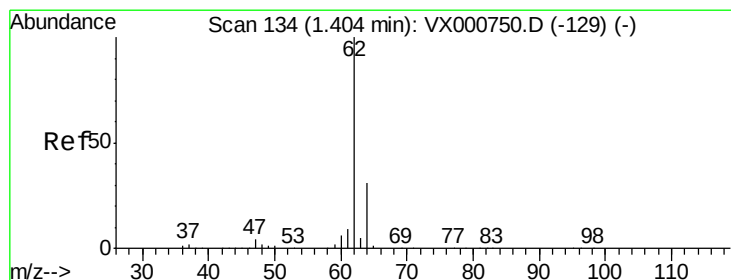
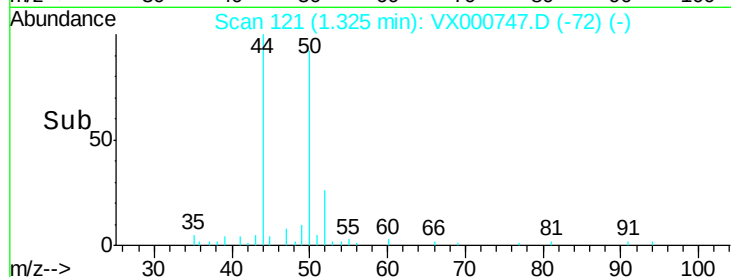
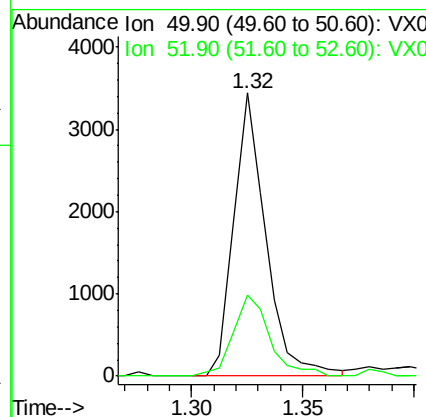
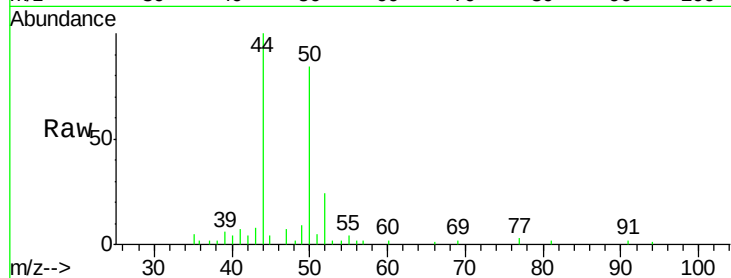
52 28.7 25.8 38.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 1.04 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX000747.D

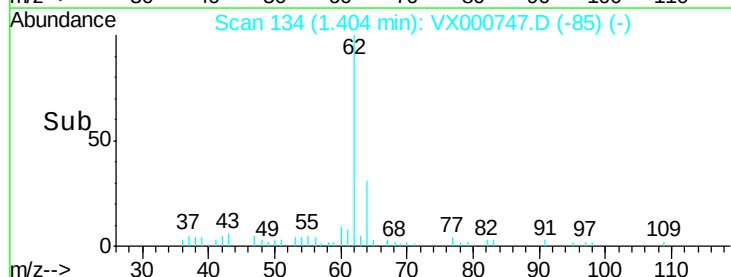
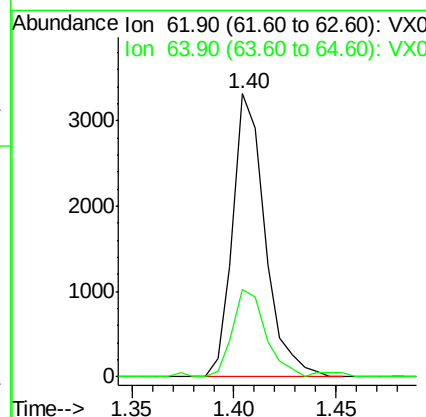
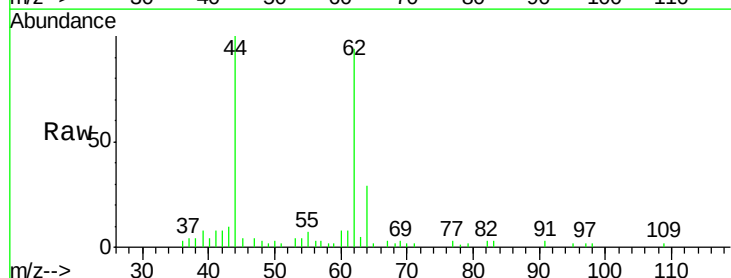
Acq: 10 Apr 2018 12:44

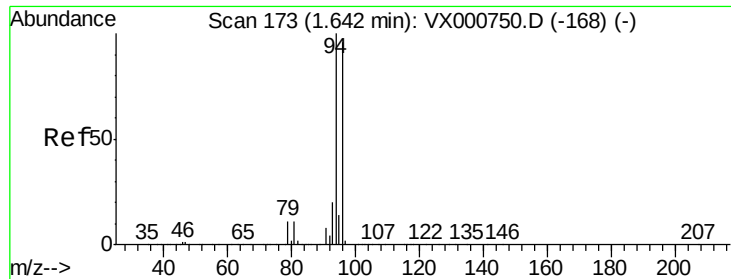
Tgt Ion: 62 Resp: 3644

Ion Ratio Lower Upper

62 100

64 30.9 24.6 36.8





#5

Bromomethane

Concen: 1.48 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 94 Resp: 2151

Ion Ratio Lower Upper

94 100

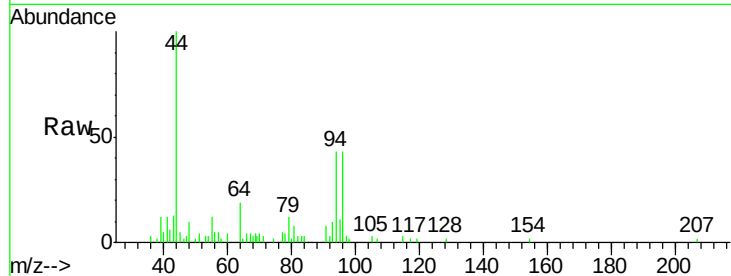
96 94.8 77.0 115.6

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

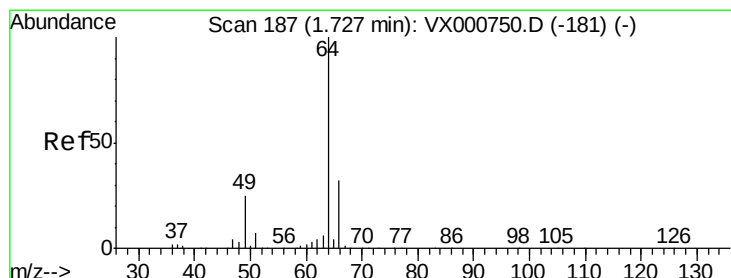
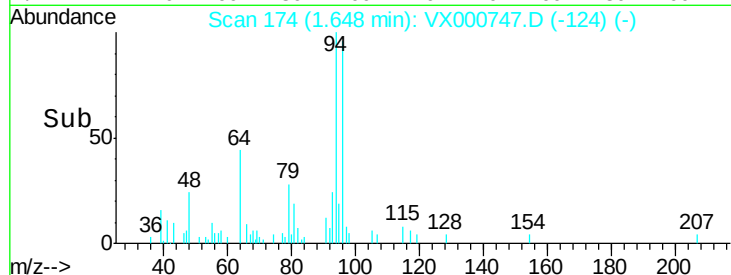
1500

1000

500

0

Time-->



#6

Chloroethane

Concen: 1.11 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000747.D

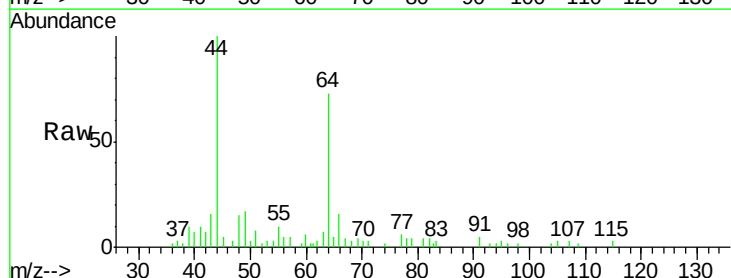
Acq: 10 Apr 2018 12:44

Tgt Ion: 64 Resp: 2260

Ion Ratio Lower Upper

64 100

66 27.9 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

2500

2000

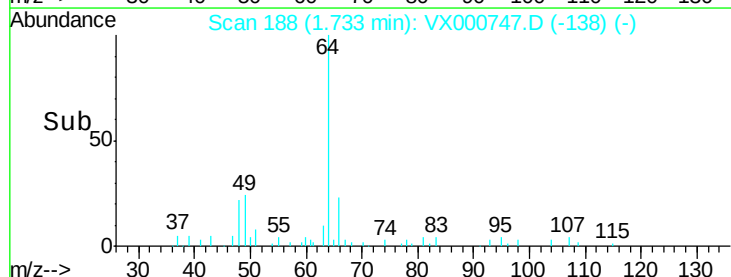
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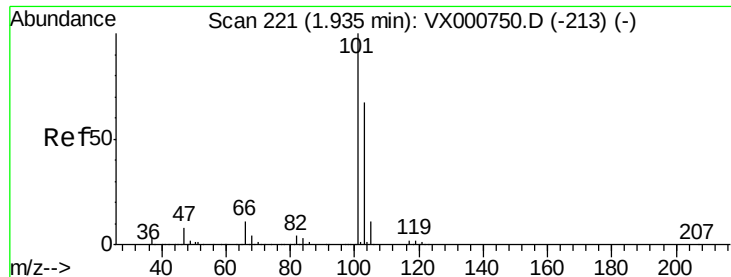
1000

500

0

Time-->





#7

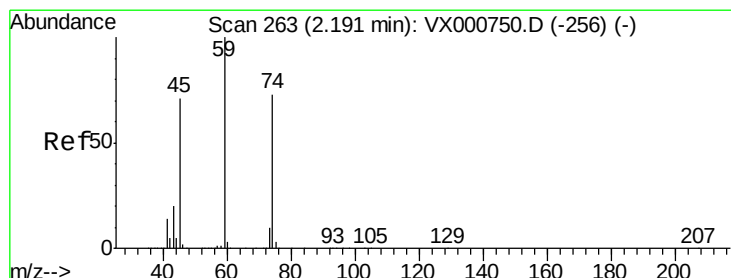
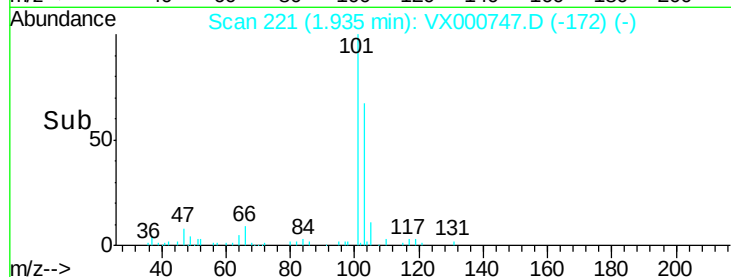
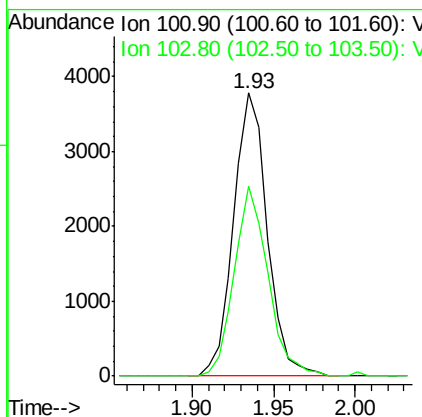
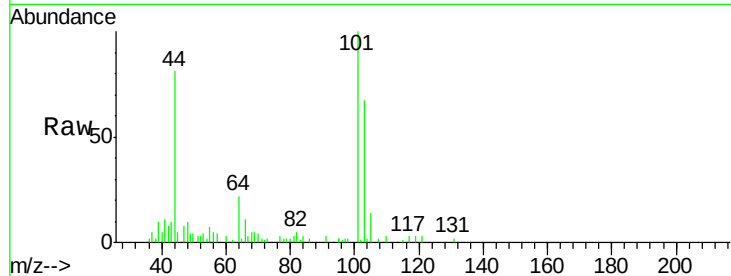
Trichlorofluoromethane
Concen: 1.04 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX000747.D
Acq: 10 Apr 2018 12:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.3	53.2	79.8

Manual Integrations
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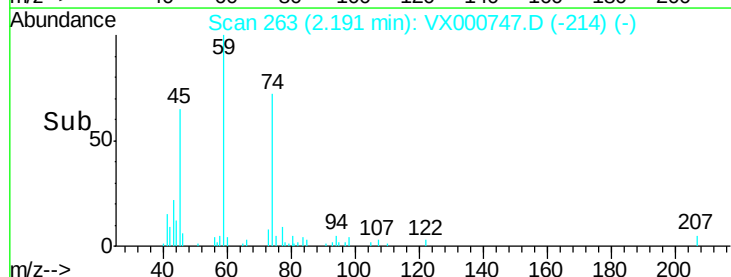
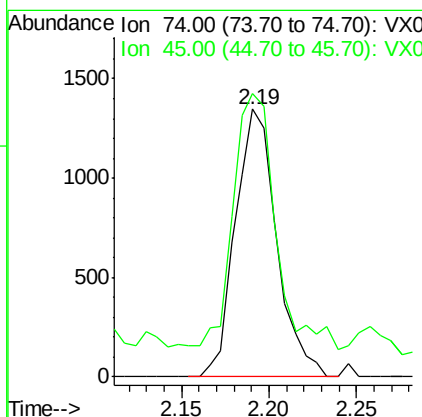
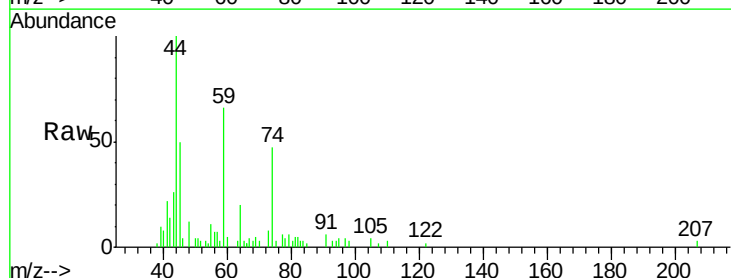
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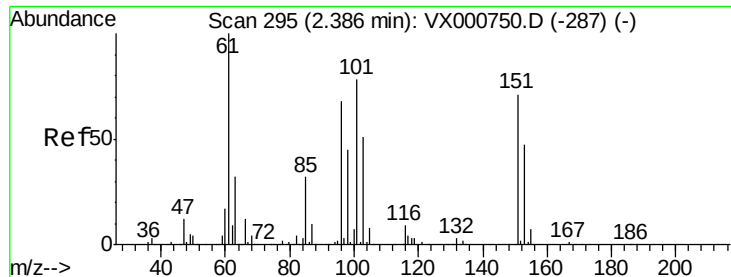


#8

Diethyl Ether
Concen: 1.16 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX000747.D
Acq: 10 Apr 2018 12:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.8	48.6	145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.11 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

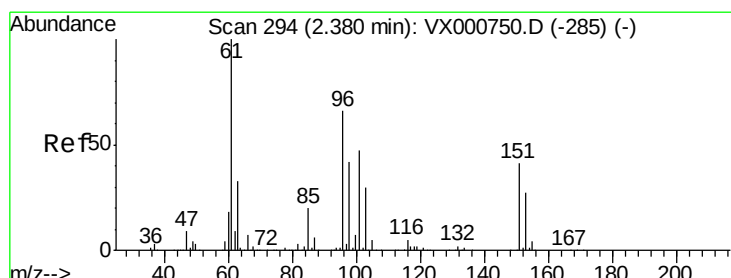
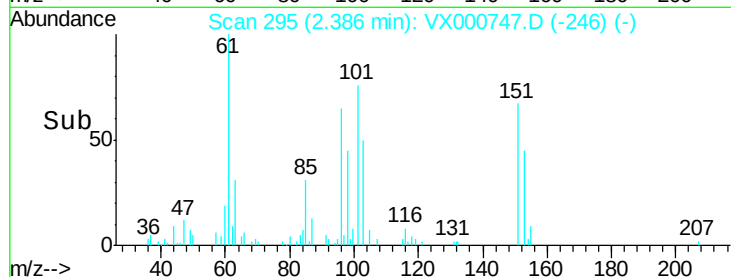
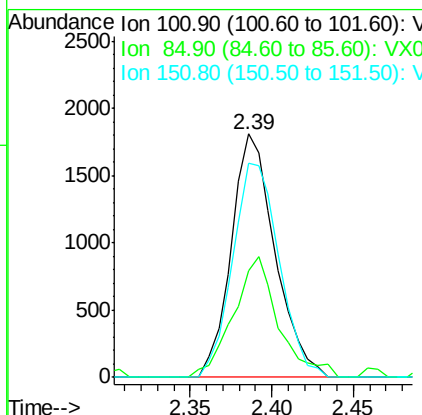
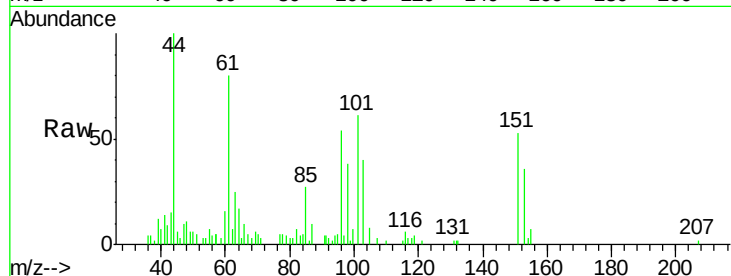
ClientSampled :

VSTDIC001

Tot Ion:	101	Resp:	3374
Ion Ratio	Lower	Upper	
101	100		
85	51.5	34.0	51.0#
151	93.7	75.8	113.8

Manual Integrations
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4/11/2018 11:20:40 AM



#12

1,1-Dichloroethene

Concen: 1.11 ug/l

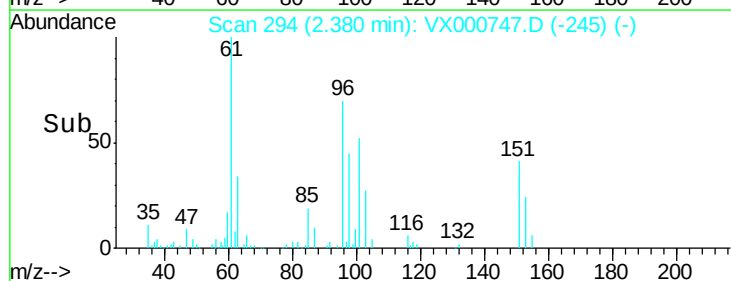
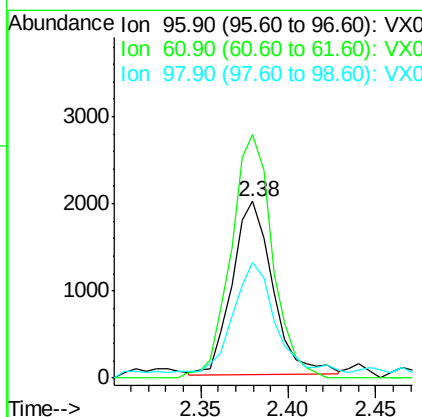
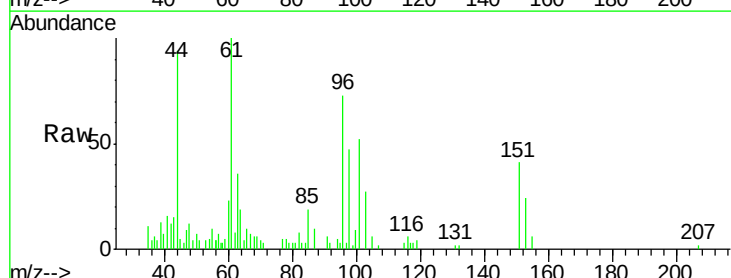
RT: 2.38 min Scan# 294

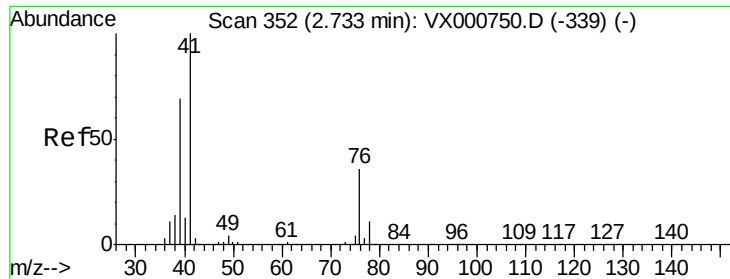
Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Tgt Ion:	96	Resp:	3202
Ion Ratio	Lower	Upper	
96	100		
61	142.0	120.5	180.7
98	63.4	50.9	76.3





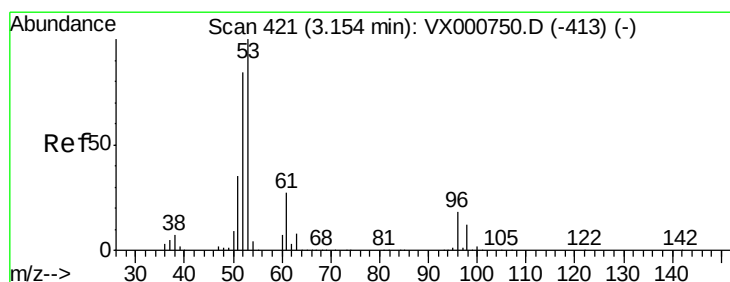
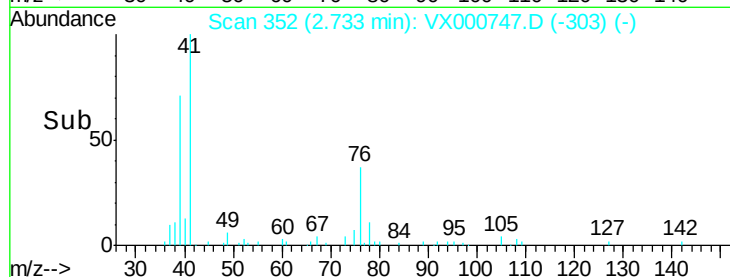
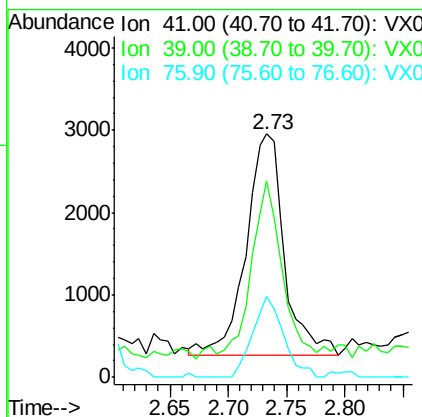
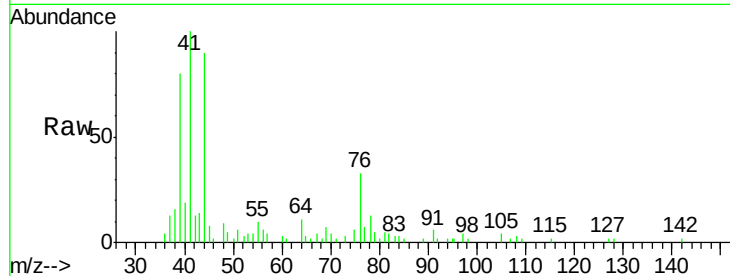
#14
Allvl chloride
Concen: 1.14 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX000747.D
Acq: 10 Apr 2018 12:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:	41	Resp:	6109
Ion	Ratio	Lower	Upper
41	100		
39	58.7	51.5	77.3
76	29.5	26.5	39.7

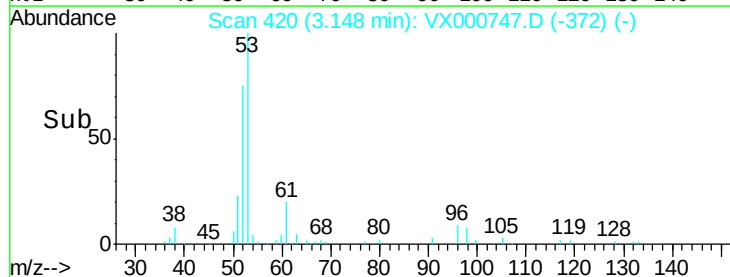
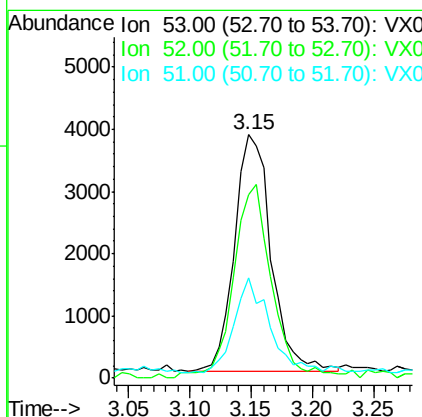
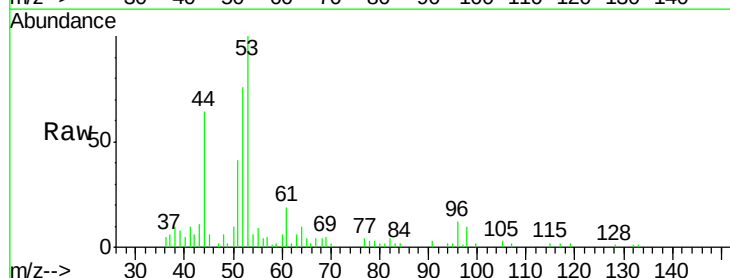
Manual Integrations
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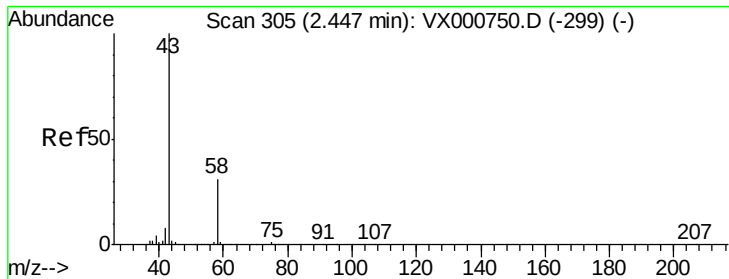
MMDadoda
4/11/2018 11:20:40 AM



#15
Acrylonitrile
Concen: 5.11 ug/l
RT: 3.15 min Scan# 420
Delta R.T. -0.01 min
Lab File: VX000747.D
Acq: 10 Apr 2018 12:44

Tgt Ion:	53	Resp:	7915
Ion	Ratio	Lower	Upper
53	100		
52	84.9	66.5	99.7
51	37.9	28.8	43.2





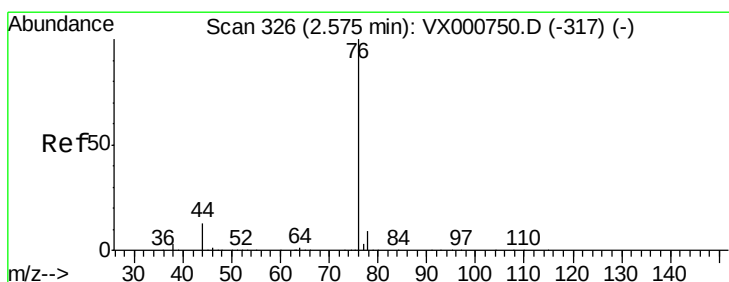
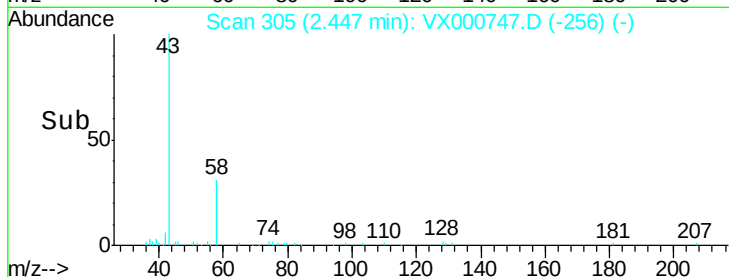
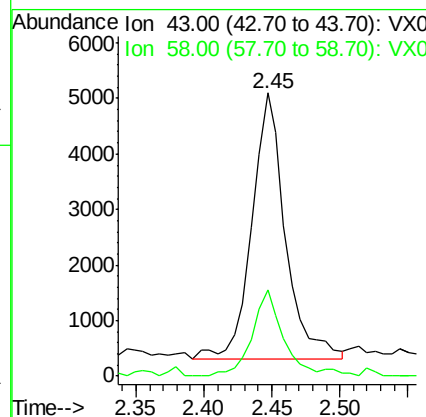
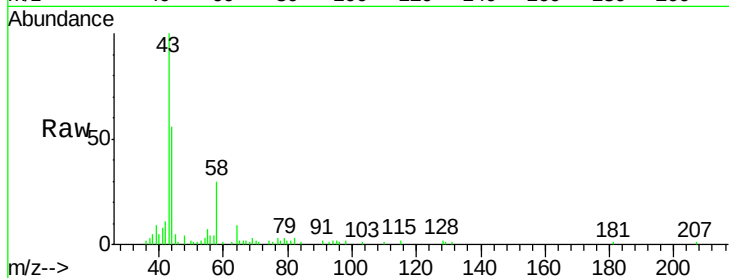
#16
Acetone
Concen: 5.96 ug/l
RT: 2.45 min Scan# 305
Delta R.T. 0.00 min
Lab File: VX000747.D
Acq: 10 Apr 2018 12:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	43	Resp	8238
Ion Ratio	Lower	Upper	
43	100		
58	32.4	24.6	37.0

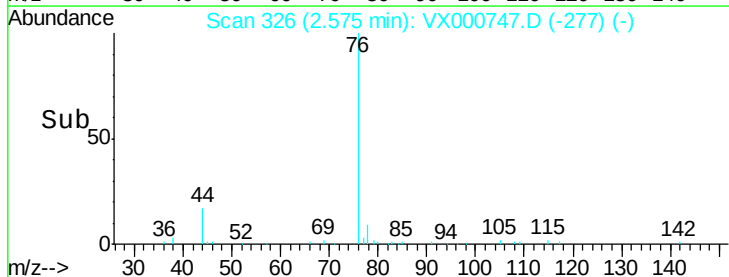
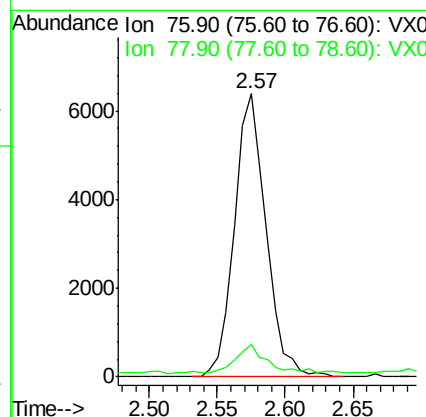
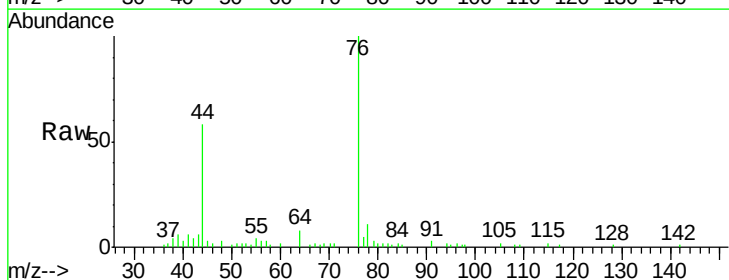
Manual Integrations
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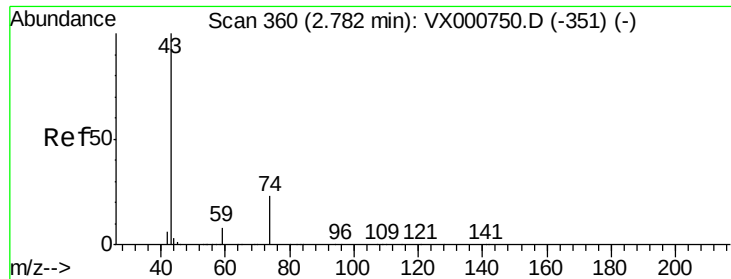
MMDadoda
4/11/2018 11:20:40 AM



#17
Carbon Disulfide
Concen: 1.20 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000747.D
Acq: 10 Apr 2018 12:44

Tgt Ion	76	Resp	10320
Ion Ratio	Lower	Upper	
76	100		
78	9.5	7.4	11.2





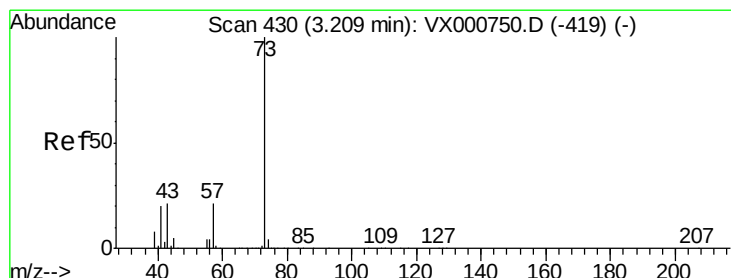
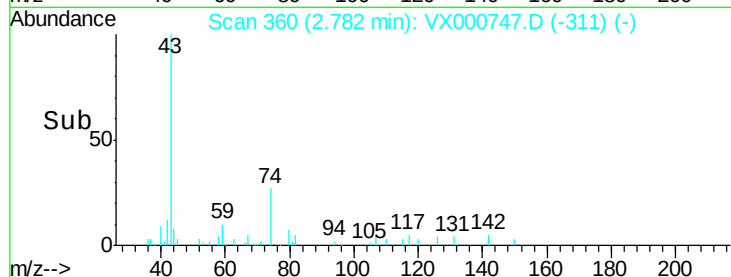
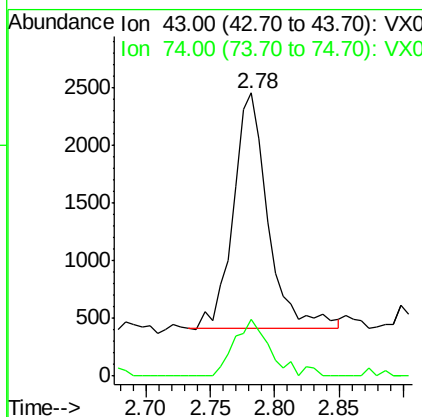
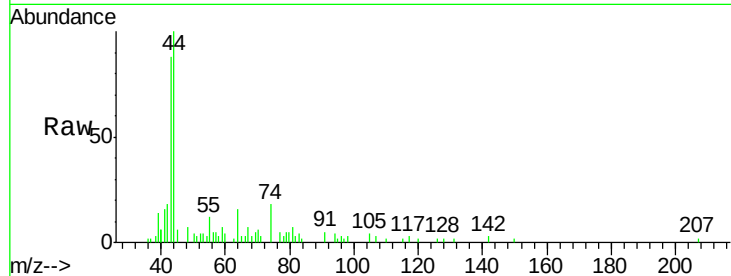
#18
Methyl Acetate
Concen: 1.04 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX000747.D
Acq: 10 Apr 2018 12:44

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion	43	Resp	3788
Ion Ratio	100	Lower	Upper
74	24.2	19.1	28.7

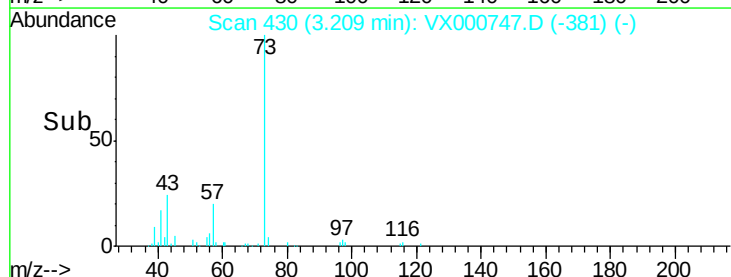
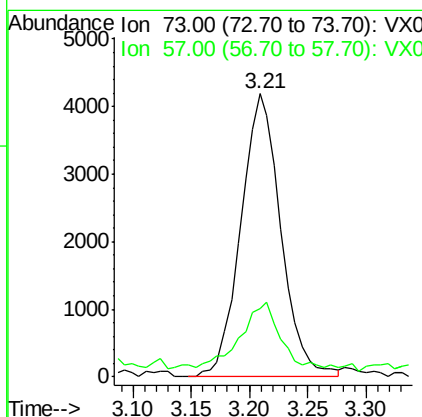
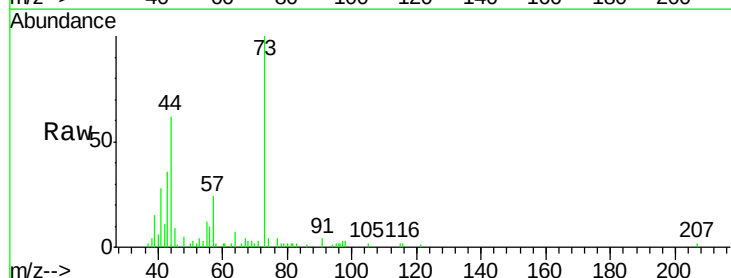
Manual Integrations
APPROVED

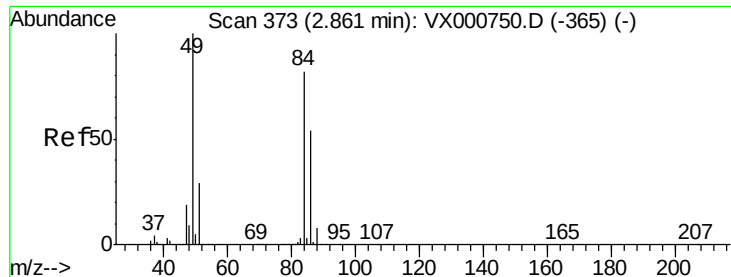
MMDadoda
4/11/2018 11:20:40 AM



#19
Methyl tert-butyl Ether
Concen: 1.02 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX000747.D
Acq: 10 Apr 2018 12:44

Tgt Ion	73	Resp	10053
Ion Ratio	100	Lower	Upper
57	20.8	16.9	25.3





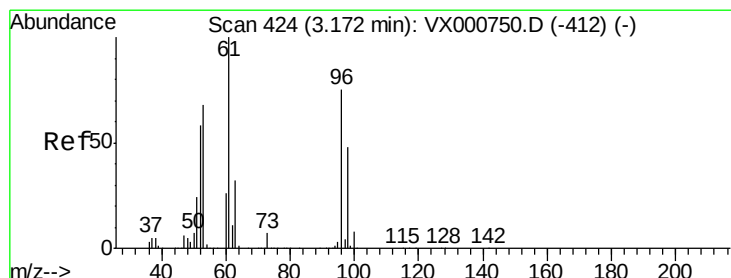
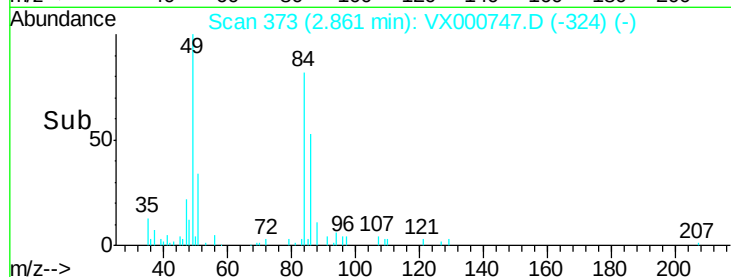
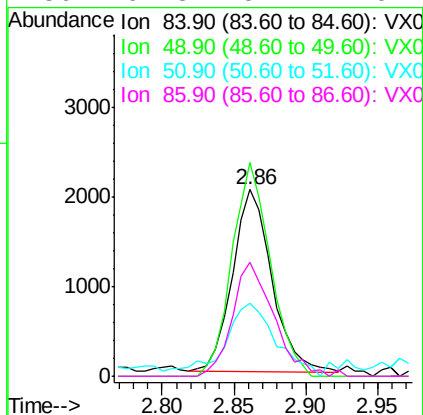
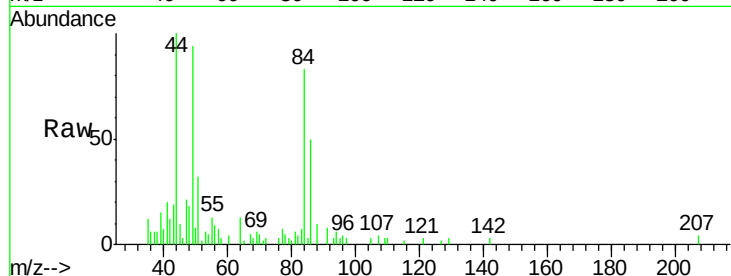
#20
Methylene Chloride
Concen: 1.26 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX000747.D
Acq: 10 Apr 2018 12:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:	84	Resp:	3879
Ion	Ratio	Lower	Upper
84	100		
49	117.8	98.1	147.1
51	35.5	28.9	43.3
86	62.8	52.7	79.1

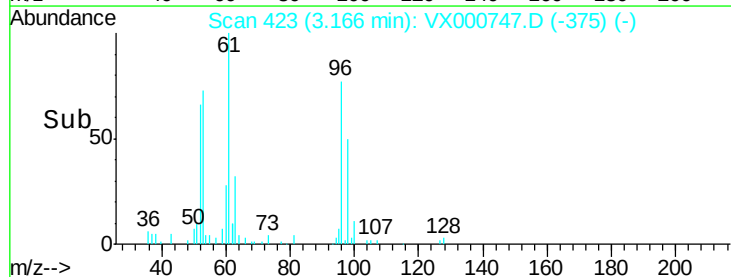
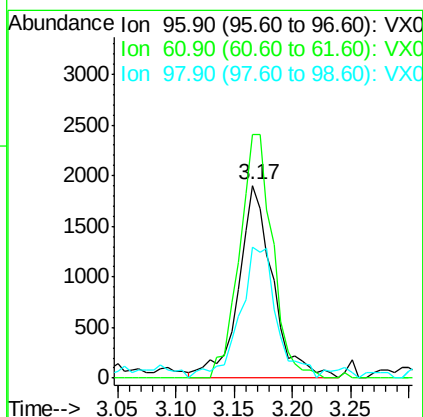
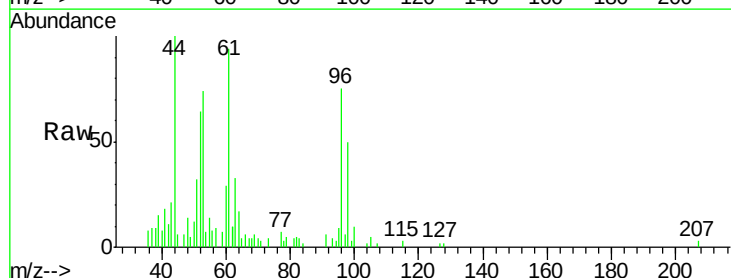
Manual Integrations
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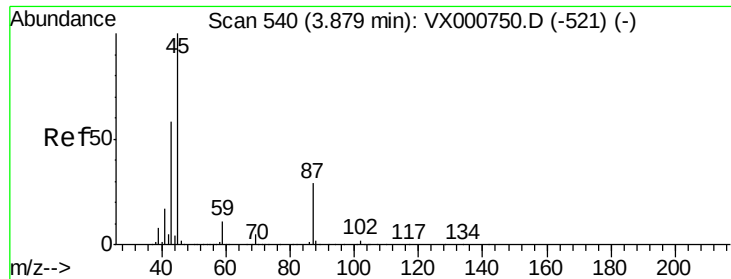
MMDadoda
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#21
trans-1,2-Dichloroethene
Concen: 1.24 ug/l
RT: 3.17 min Scan# 423
Delta R.T. -0.01 min
Lab File: VX000747.D
Acq: 10 Apr 2018 12:44

Tgt Ion:	96	Resp:	3896
Ion	Ratio	Lower	Upper
96	100		
61	125.9	106.2	159.2
98	67.6	51.2	76.8





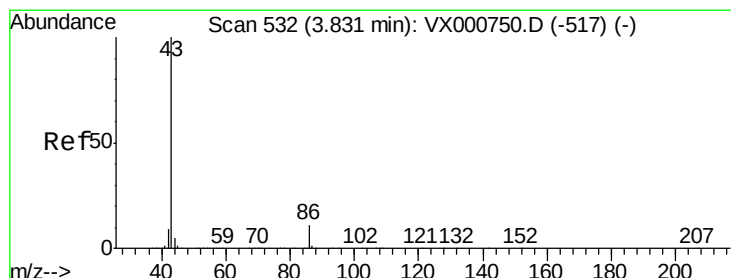
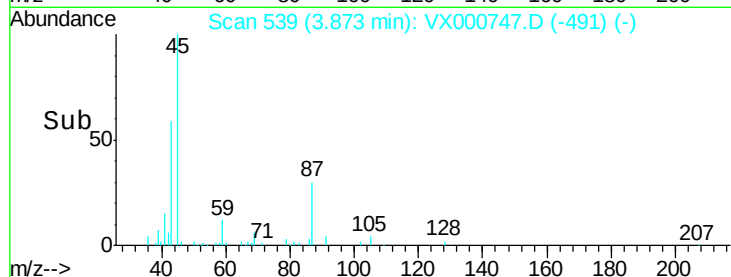
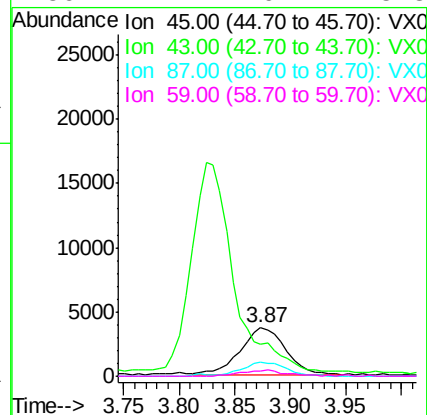
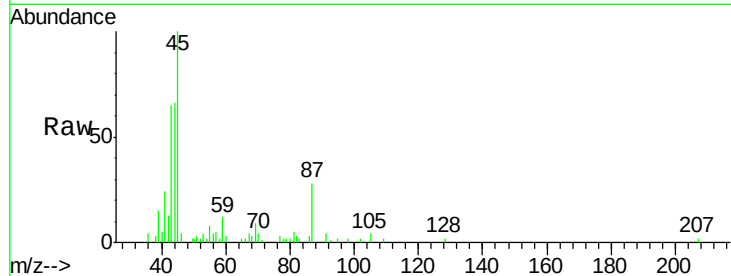
#22
Diisopropyl ether
Concen: 1.02 ug/l
RT: 3.87 min Scan# 539
Delta R.T. -0.01 min
Lab File: VX000747.D
Acq: 10 Apr 2018 12:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	45	Resp:	10092
Ion Ratio	Lower	Upper	
45	100		
43	57.4	46.6	69.8
87	29.4	22.9	34.3
59	12.1	9.2	13.8

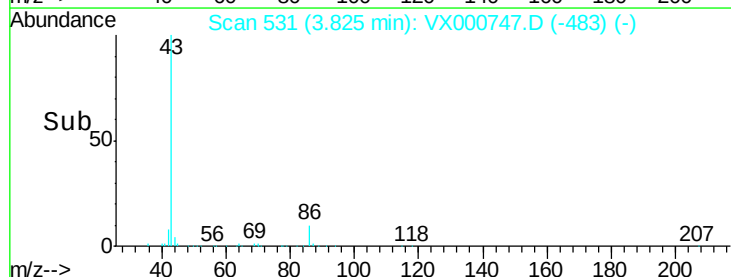
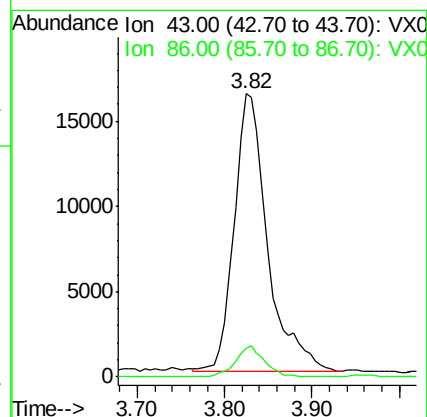
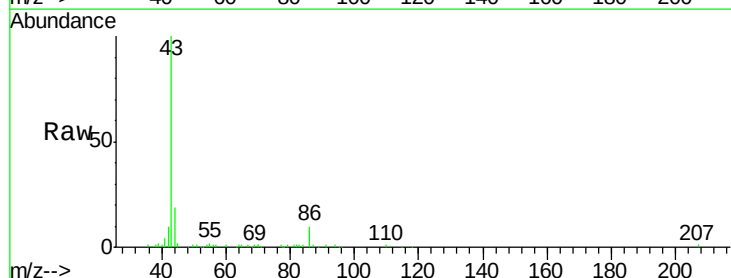
Manual Integrations
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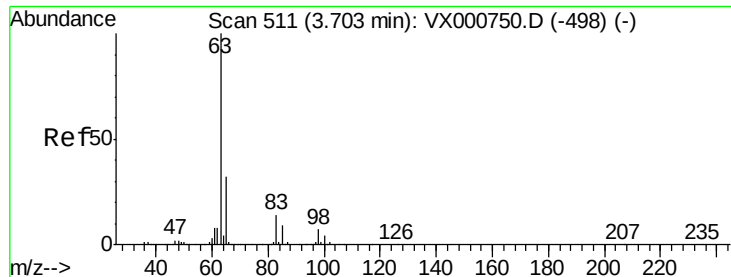
MMDadoda
4/11/2018 11:20:40 AM



#23
Vinyl Acetate
Concen: 4.95 ug/l
RT: 3.82 min Scan# 531
Delta R.T. -0.01 min
Lab File: VX000747.D
Acq: 10 Apr 2018 12:44

Tgt Ion	43	Resp:	42987
Ion Ratio	Lower	Upper	
43	100		
86	10.3	8.6	12.8





#24

1,1-Dichloroethane

Concen: 1.10 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

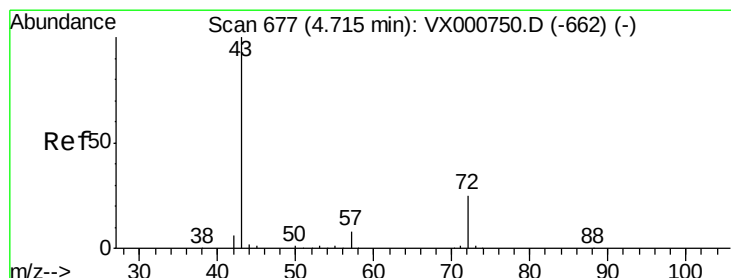
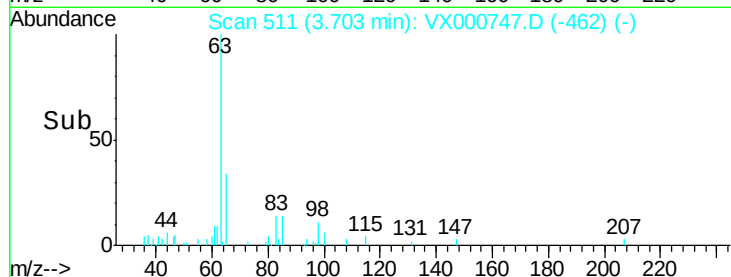
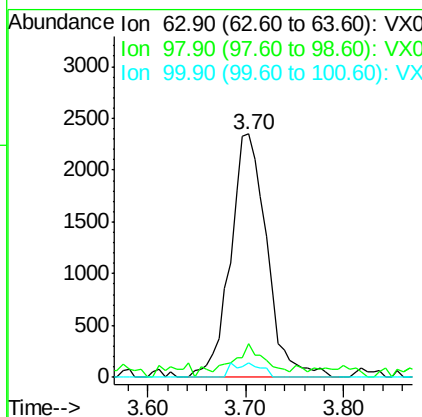
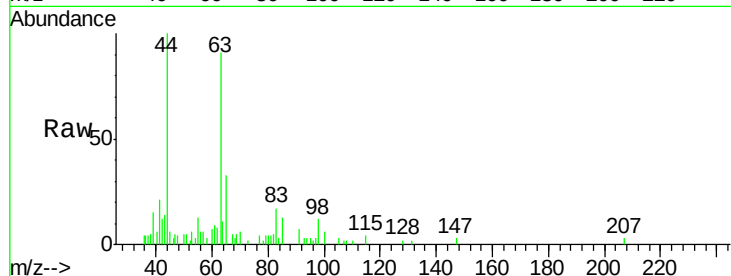
ClientSampleId :

VSTDIC001

Tot Ion:	63	Resp:	6066
Ion	Ratio	Lower	Upper
63	100		
98	10.1	3.3	9.9#
100	6.1	2.1	6.3

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#25

2-Butanone

Concen: 5.01 ug/l

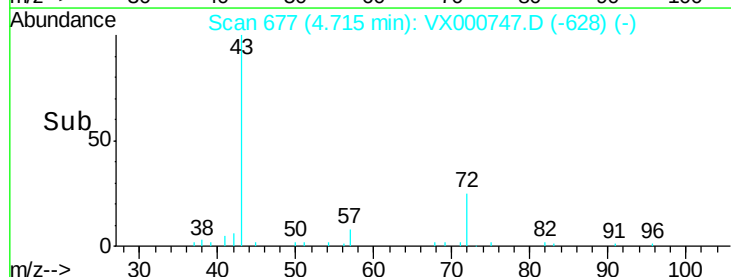
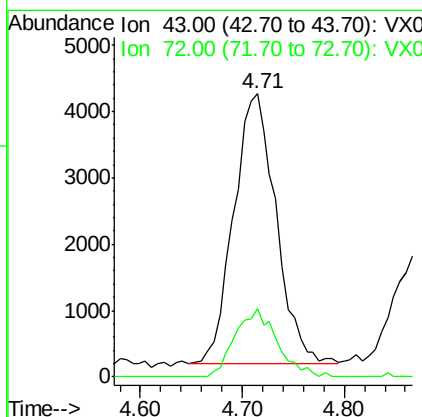
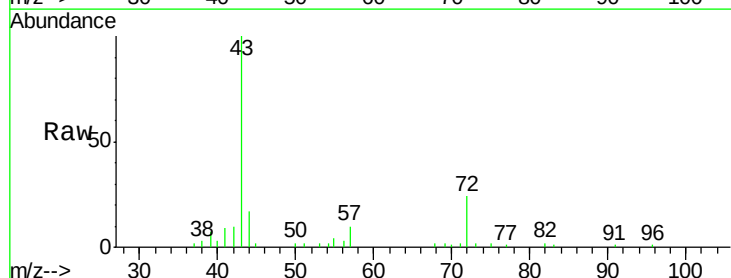
RT: 4.71 min Scan# 677

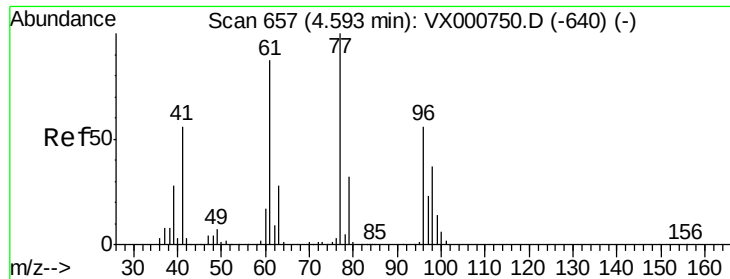
Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Tgt Ion:	43	Resp:	11739
Ion	Ratio	Lower	Upper
43	100		
72	25.4	20.3	30.5





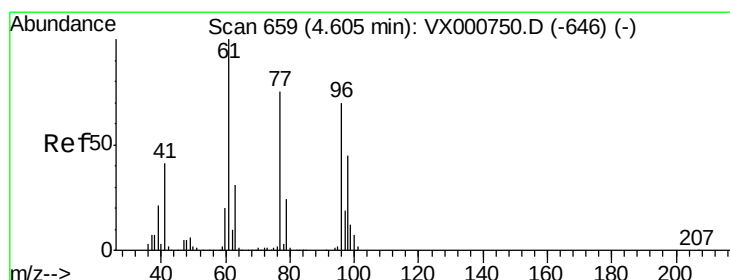
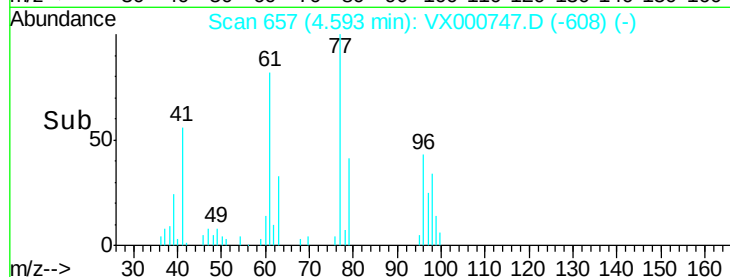
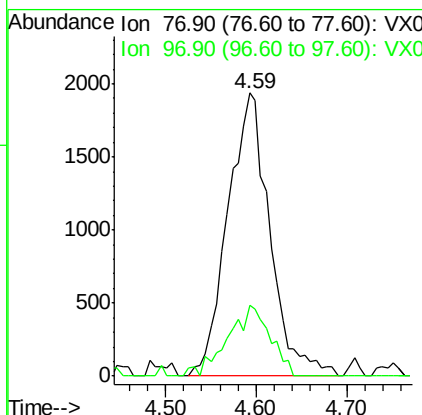
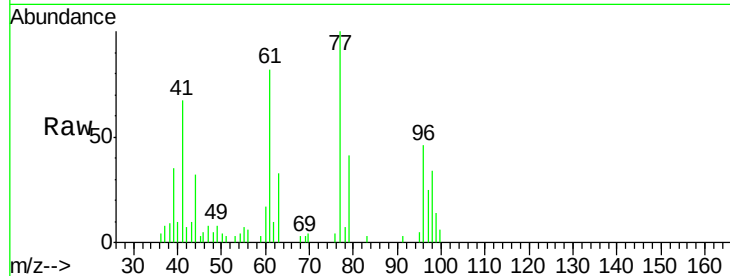
#26
 2,2-Dichloropropane
 Concen: 1.14 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: VX000747.D
 Acq: 10 Apr 2018 12:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion: 77 Resp: 6249
 Ion Ratio Lower Upper
 77 100
 97 25.3 11.5 34.4

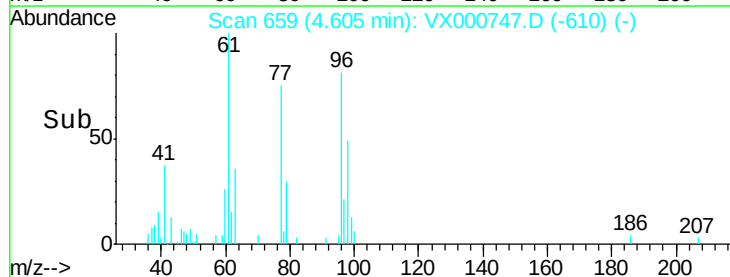
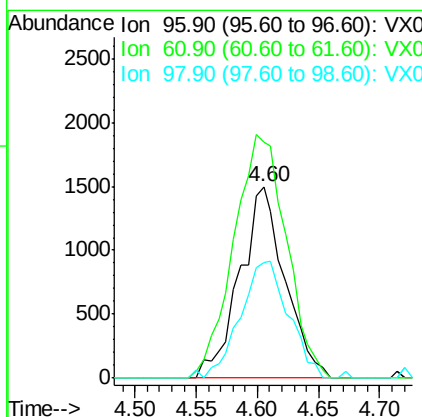
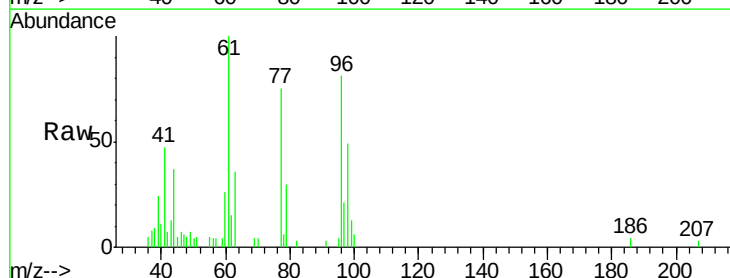
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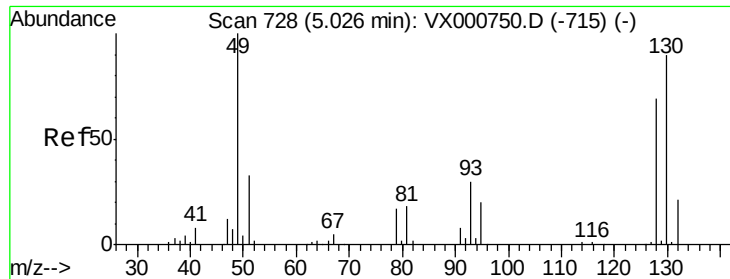
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 4/11/2018 11:20:40 AM



#27
 cis-1,2-Dichloroethene
 Concen: 1.05 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VX000747.D
 Acq: 10 Apr 2018 12:44

Tgt Ion: 96 Resp: 3846
 Ion Ratio Lower Upper
 96 100
 61 147.9 0.0 292.4
 98 65.4 0.0 130.2





#28

Bromochloromethane

Concen: 1.23 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

ClientSampleId :

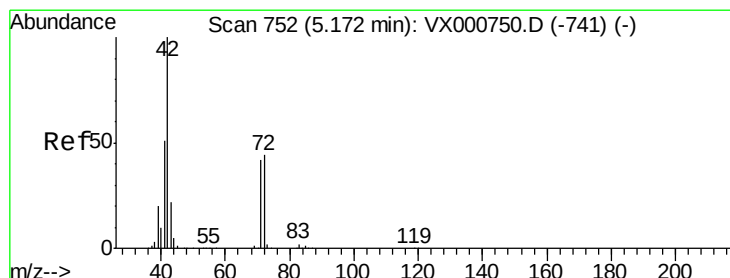
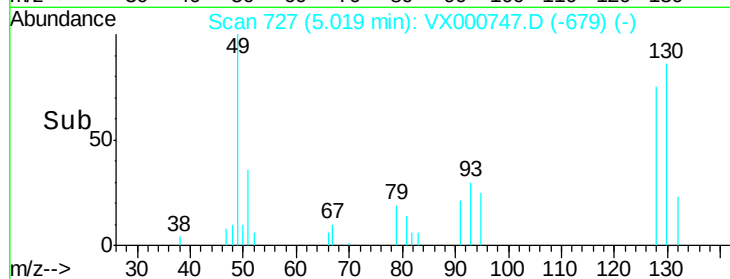
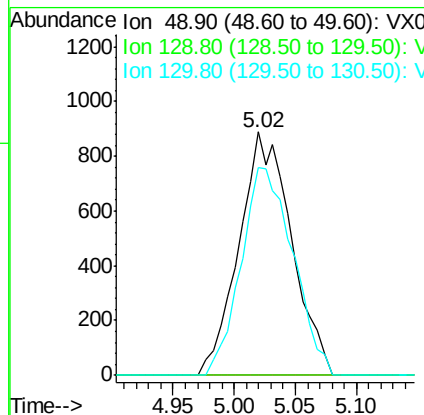
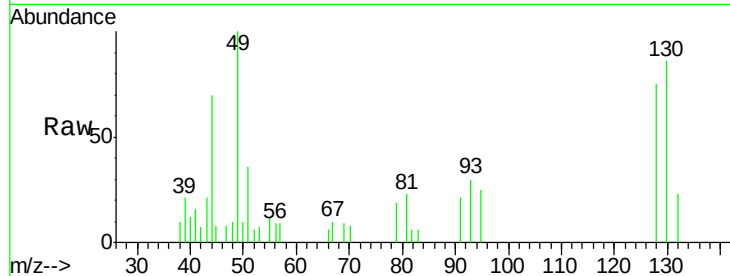
VSTDIC001

Tot Ion: 49 Resp: 2647

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.2
130	84.5	72.6	109.0

Manual Integrations
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4/11/2018 11:20:40 AM



#29

Tetrahydrofuran

Concen: 5.21 ug/l

RT: 5.17 min Scan# 752

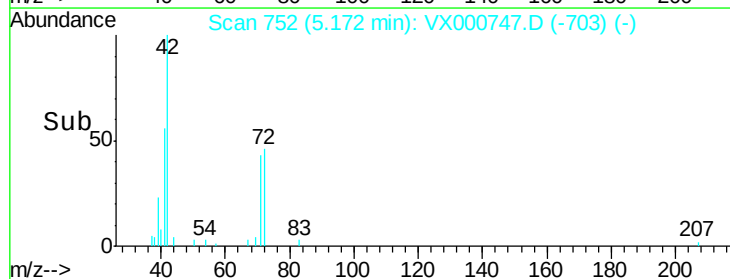
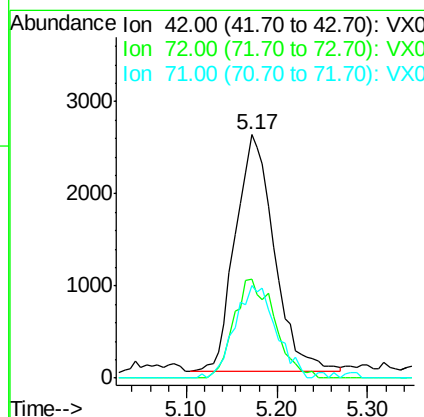
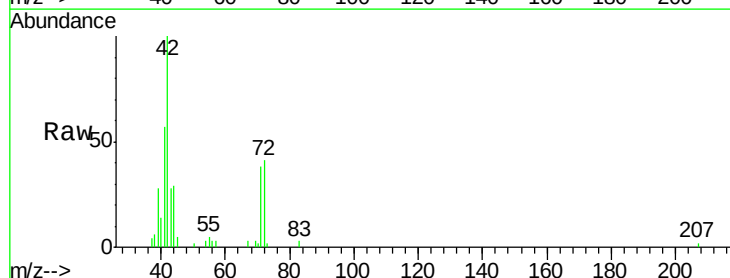
Delta R.T. 0.00 min

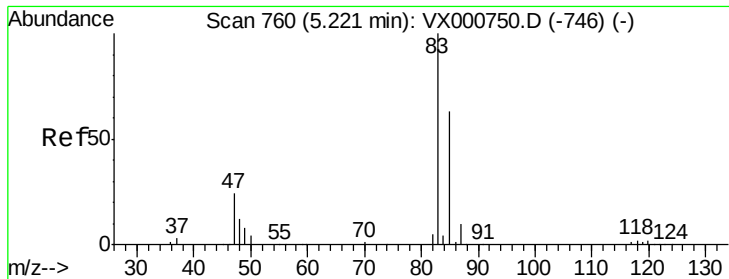
Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Tgt Ion: 42 Resp: 7688

Ion	Ratio	Lower	Upper
42	100		
72	43.3	35.1	52.7
71	40.7	32.8	49.2





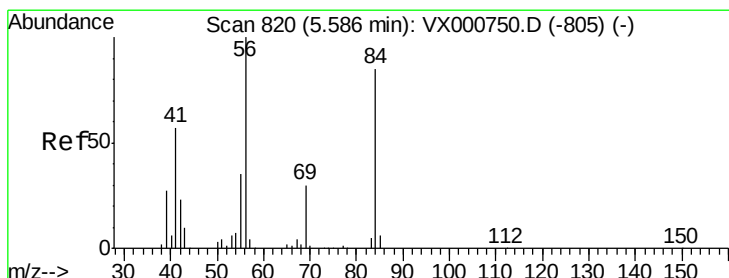
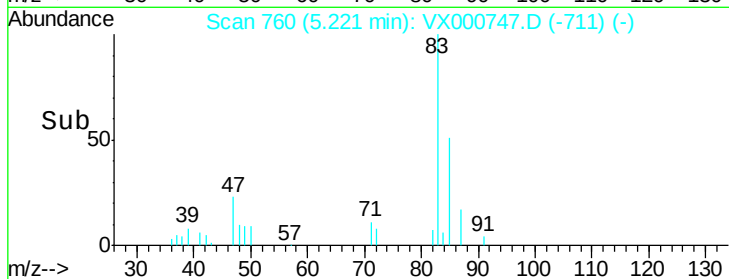
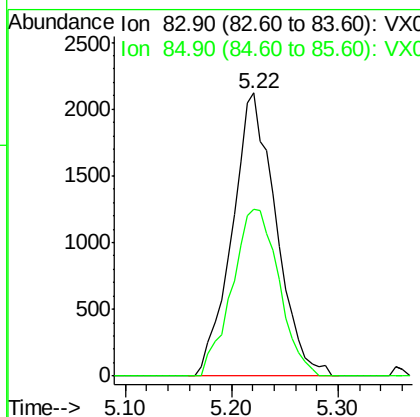
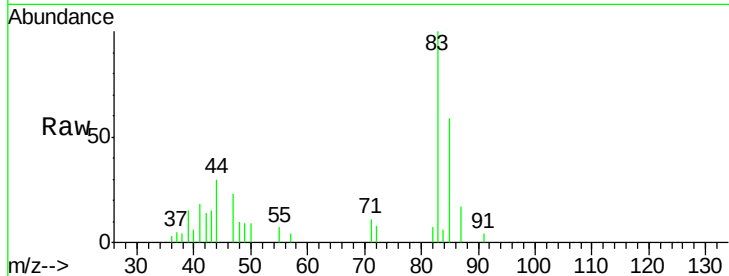
#30
Chloroform
Concen: 1.03 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX000747.D
Acq: 10 Apr 2018 12:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 83 Resp: 6111
Ion Ratio Lower Upper
83 100
85 59.1 50.7 76.1

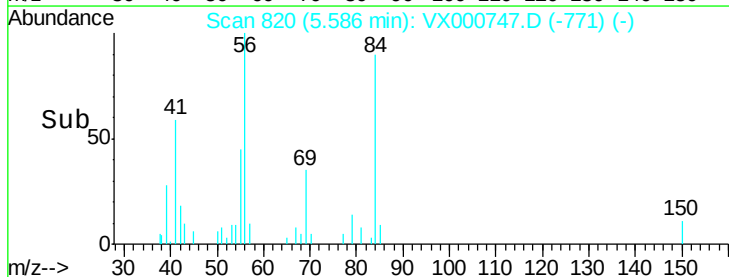
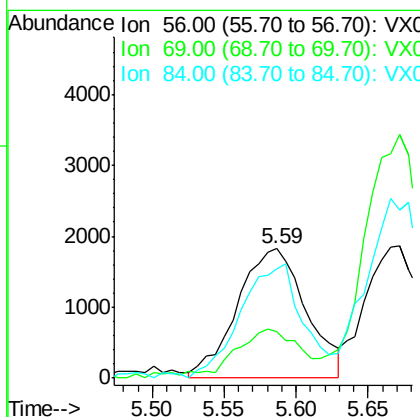
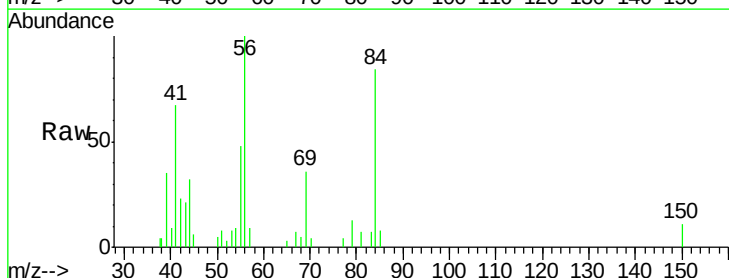
Manual Integrations
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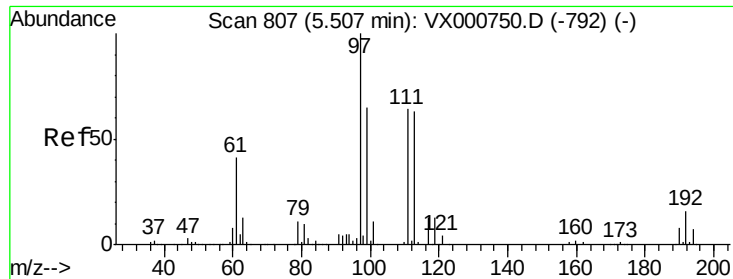
MMDadoda
4/11/2018 11:20:40 AM



#31
Cyclohexane
Concen: 1.17 ug/l
RT: 5.59 min Scan# 820
Delta R.T. 0.00 min
Lab File: VX000747.D
Acq: 10 Apr 2018 12:44

Tgt Ion: 56 Resp: 6051
Ion Ratio Lower Upper
56 100
69 31.9 24.2 36.4
84 88.1 67.6 101.4





#32

1,1,1-Trichloroethane

Concen: 1.05 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

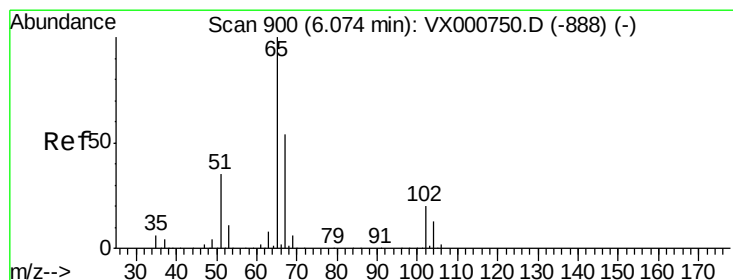
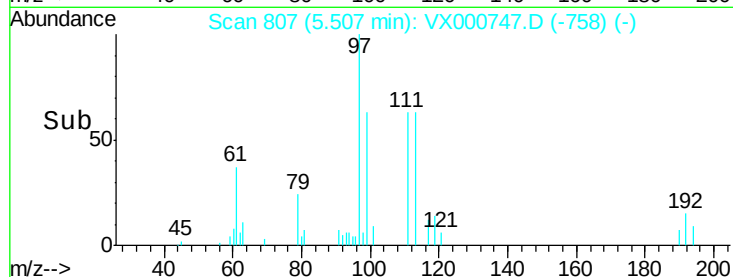
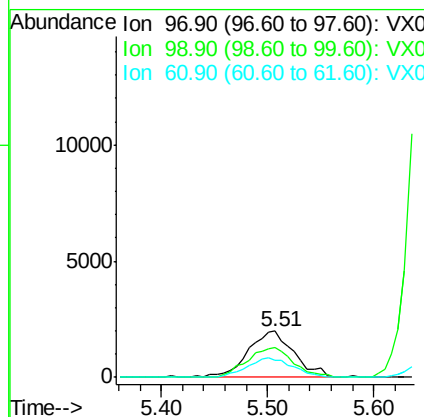
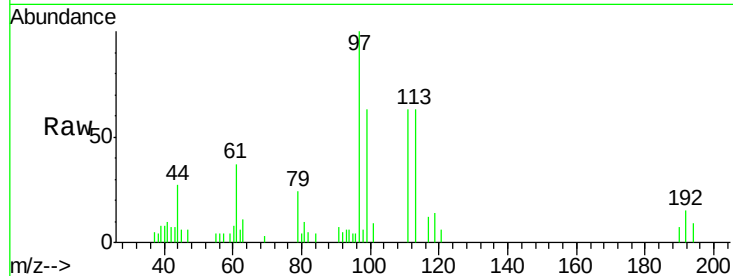
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.4	77.0#
61	41.1	33.7	50.5

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#33

1,2-Dichloroethane-d4

Concen: 1.30 ug/l

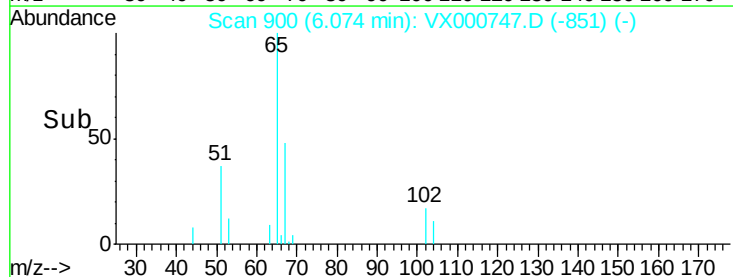
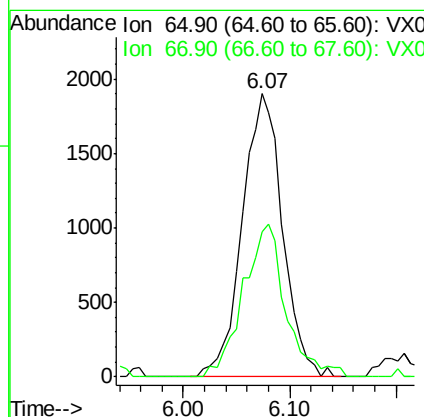
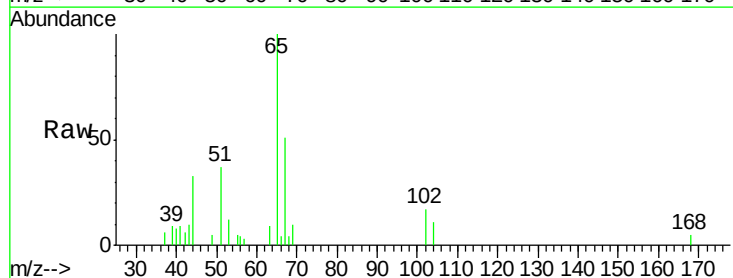
RT: 6.07 min Scan# 900

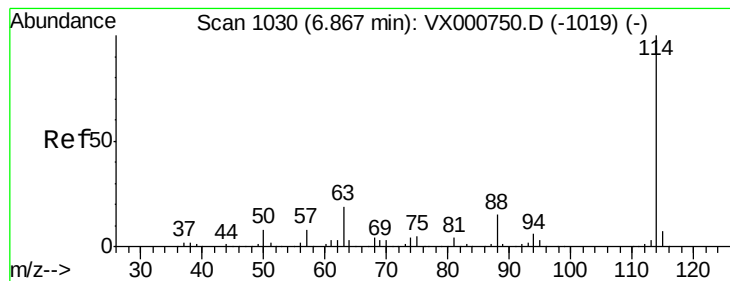
Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Tgt Ion	Ratio	Lower	Upper
65	100		
67	56.8	0.0	103.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

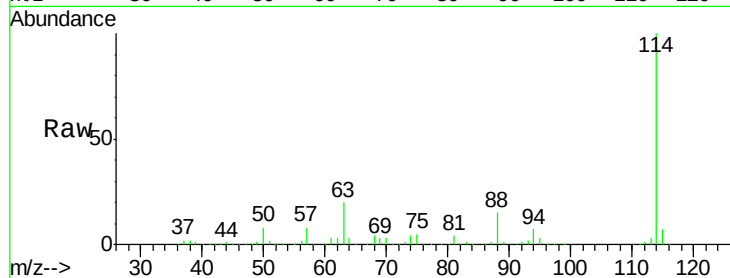
ClientSampled :

VSTDIC001

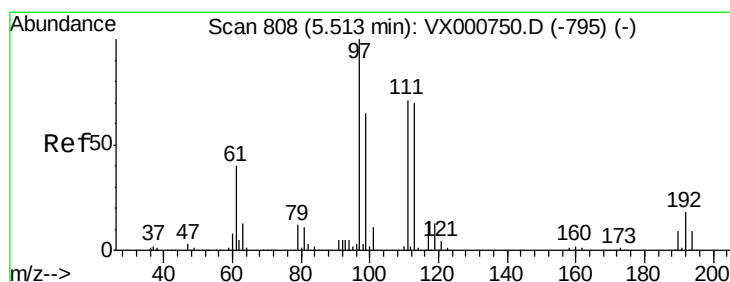
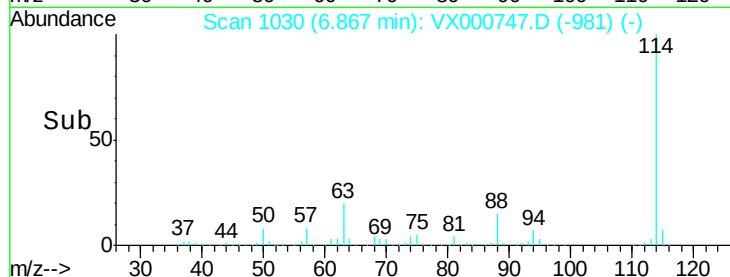
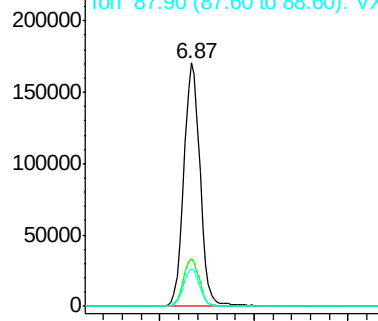
Tot Ion:	114	Resp:	410269
Ion Ratio	Lower	Upper	
114	100		
63	19.7	0.0	38.4
88	15.4	0.0	31.0

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Abundance Ion 113.90 (113.60 to 114.60): V



#35

Dibromofluoromethane

Concen: 1.10 ug/l

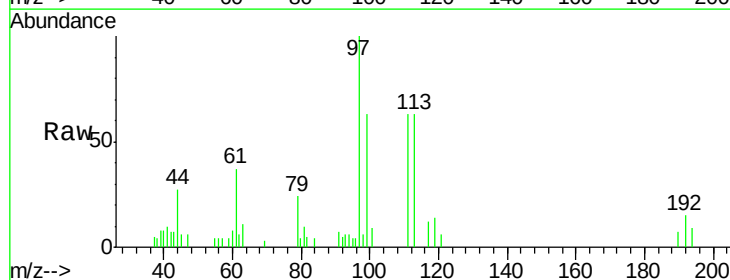
RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

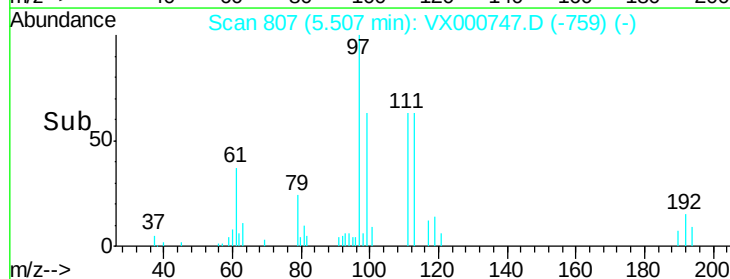
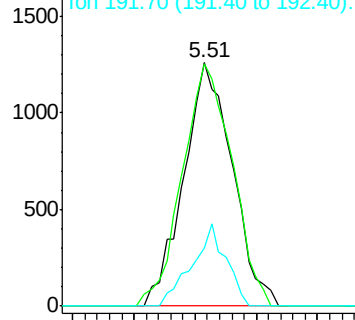
Lab File: VX000747.D

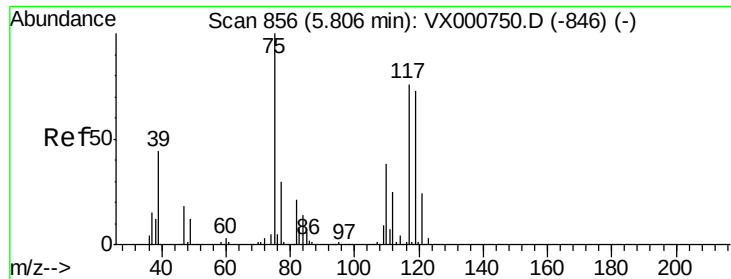
Acq: 10 Apr 2018 12:44

Tgt Ion:	113	Resp:	3477
Ion Ratio	Lower	Upper	
113	100		
111	101.9	81.5	122.3
192	23.6	20.4	30.6



Abundance Ion 112.80 (112.50 to 113.50): V





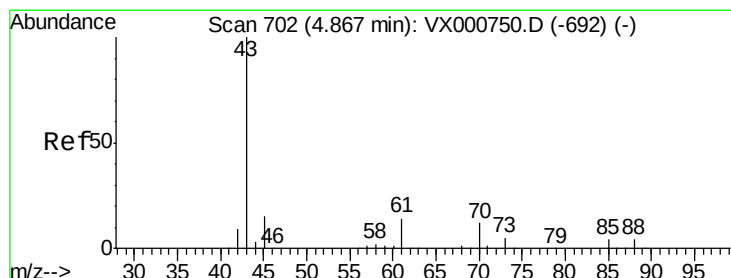
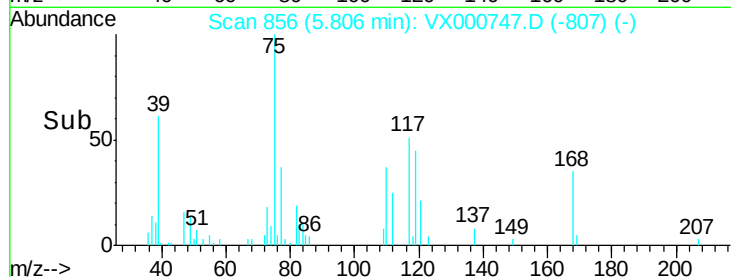
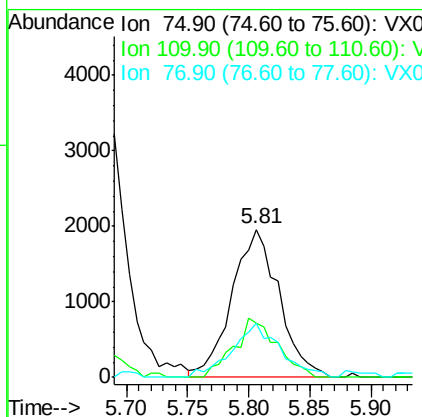
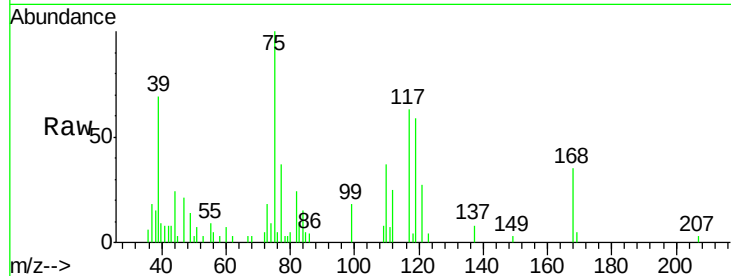
#36
 1,1-Dichloropropene
 Concen: 1.20 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX000747.D
 Acq: 10 Apr 2018 12:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	36.5	19.2	57.6
77	37.2	25.4	38.2

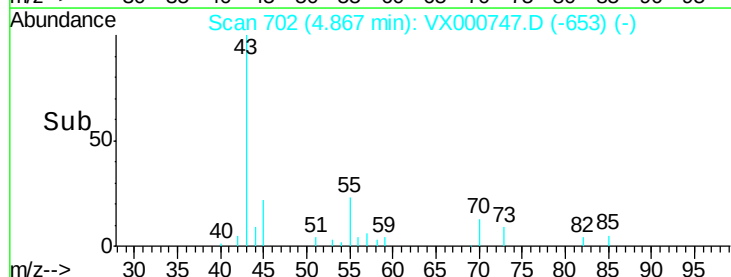
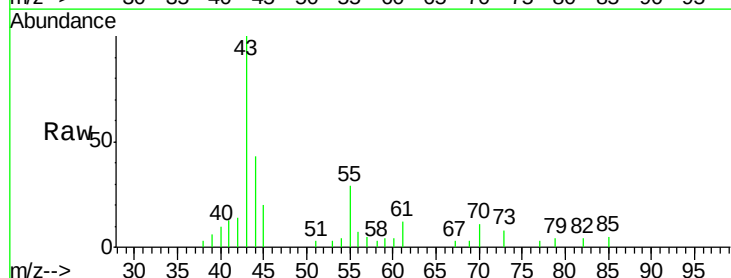
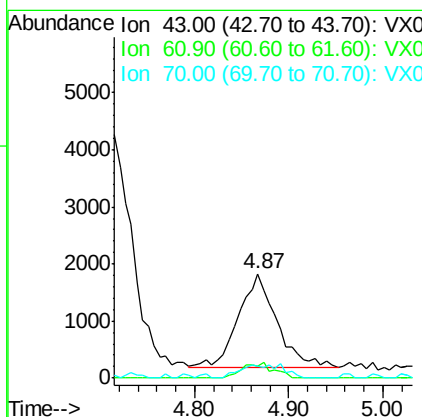
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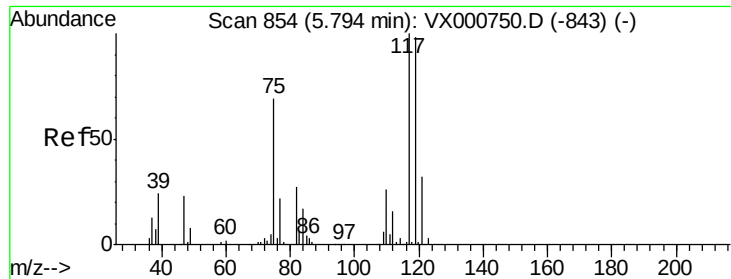
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#37
 Ethyl Acetate
 Concen: 1.07 ug/l
 RT: 4.87 min Scan# 702
 Delta R.T. 0.00 min
 Lab File: VX000747.D
 Acq: 10 Apr 2018 12:44

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.2	11.0	16.4
70	8.9	8.7	13.1





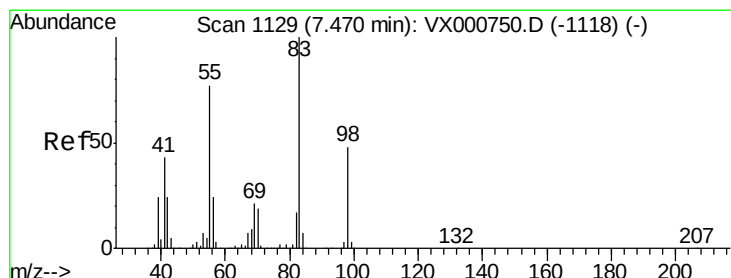
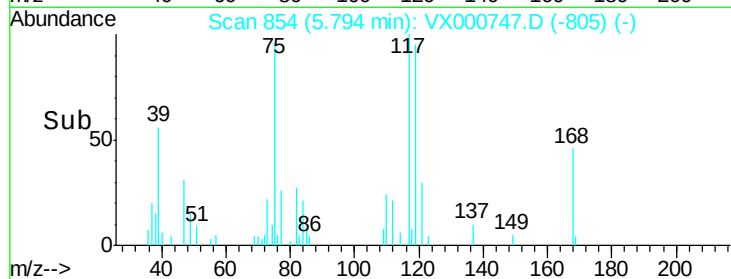
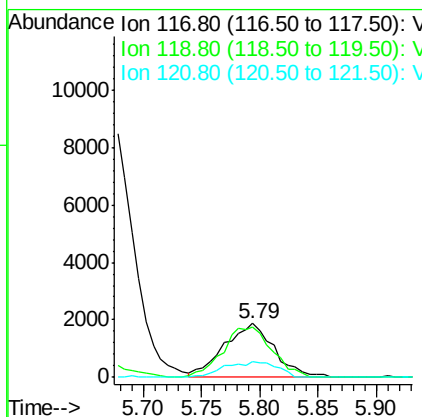
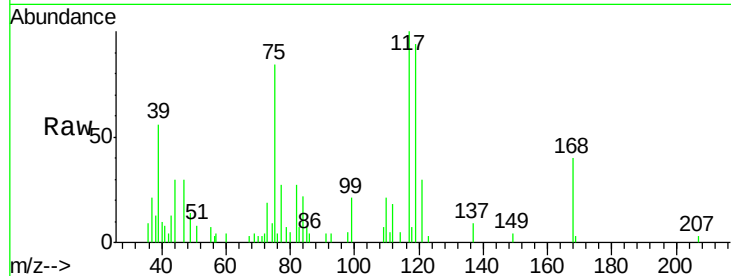
#38
Carbon Tetrachloride
Concen: 1.12 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX000747.D
Acq: 10 Apr 2018 12:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	94.2	78.4	117.6
121	30.1	25.4	38.0

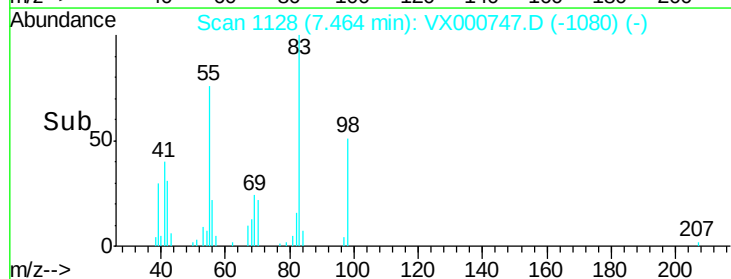
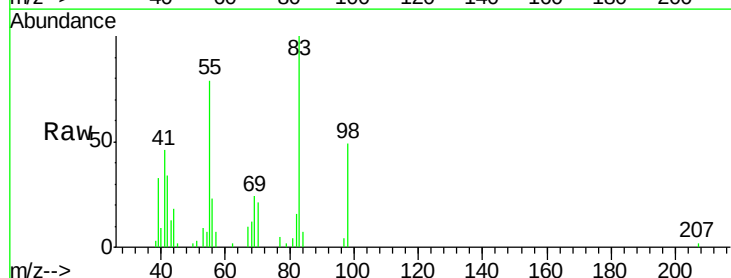
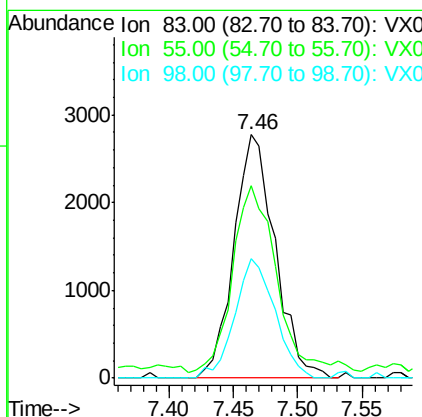
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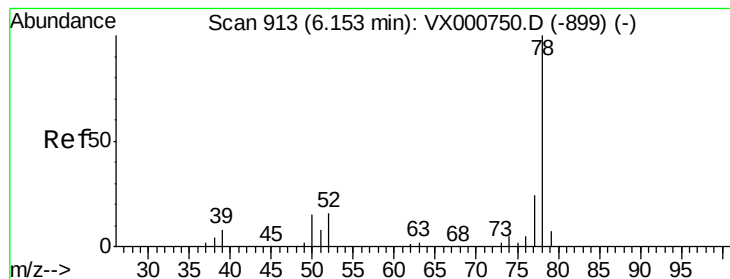
MMDadoda
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#39
Methylcyclohexane
Concen: 1.18 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX000747.D
Acq: 10 Apr 2018 12:44

Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.0	61.5	92.3
98	49.3	38.1	57.1





#40

Benzene

Concen: 1.10 ug/l

RT: 6.15 min Scan# 913

Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 13612

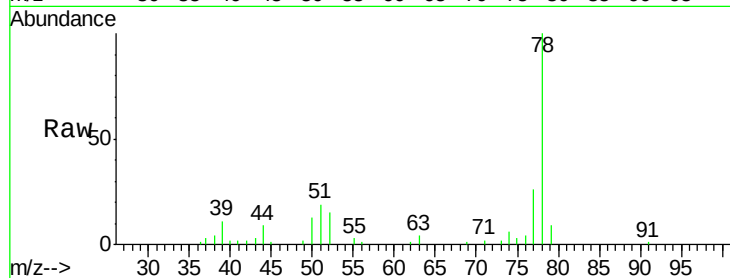
Ion Ratio Lower Upper

78 100

77 25.6 19.0 28.6

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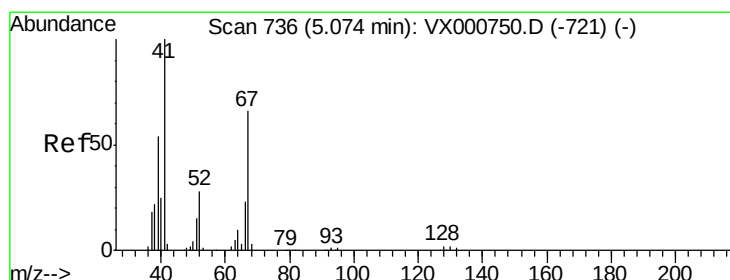
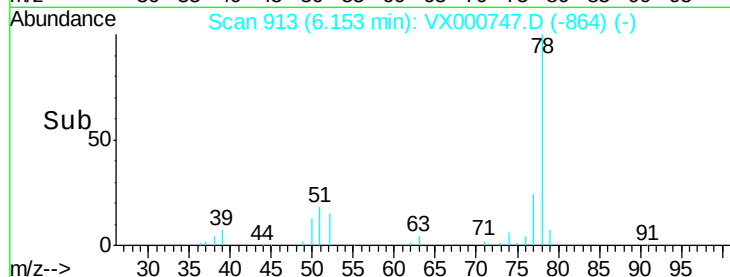
Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.15

6.10 6.20 6.30

Time-->



#41

Methacrylonitrile

Concen: 1.09 ug/l

RT: 5.07 min Scan# 736

Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Tgt Ion: 41 Resp: 2779

Ion Ratio Lower Upper

41 100

39 65.6 44.9 67.3

67 80.0 54.7 82.1

52 33.0 23.0 34.6

Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

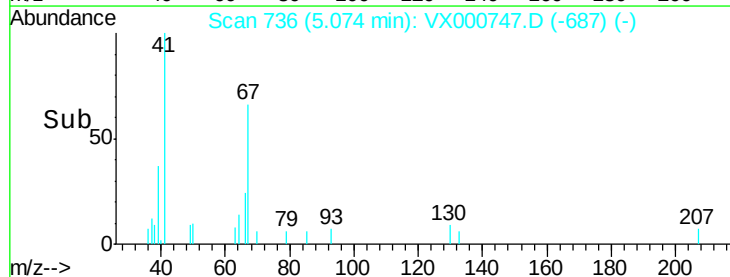
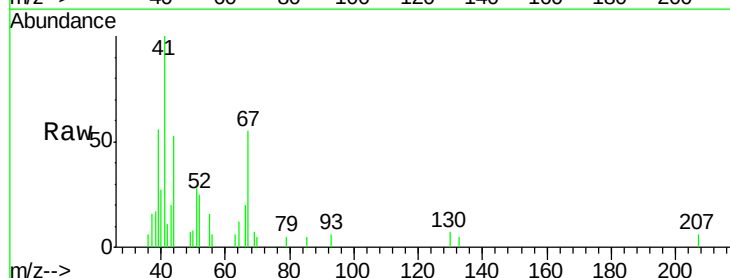
Ion 67.00 (66.70 to 67.70): VX0

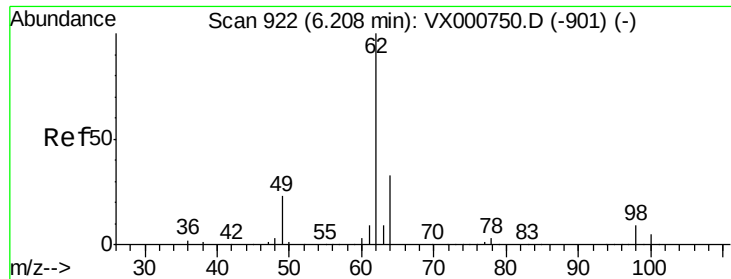
Ion 52.00 (51.70 to 52.70): VX0

5.07

5.00 5.05 5.10 5.15

Time-->





#42

1,2-Dichloroethane

Concen: 1.09 ug/l

RT: 6.20 min Scan# 921

Delta R.T. -0.01 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 62 Resp: 5056

Ion Ratio Lower Upper

62 100

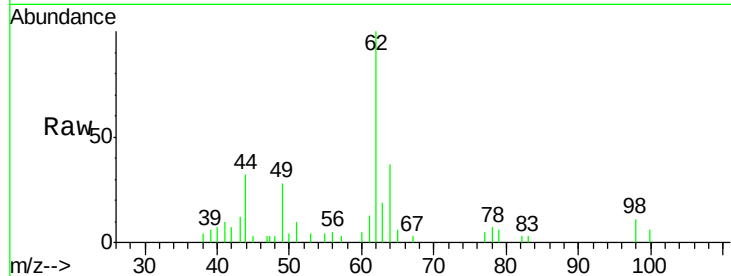
98 13.5 0.0 18.6

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Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

2000

1500

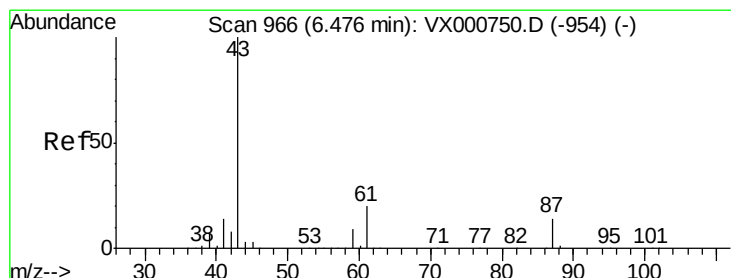
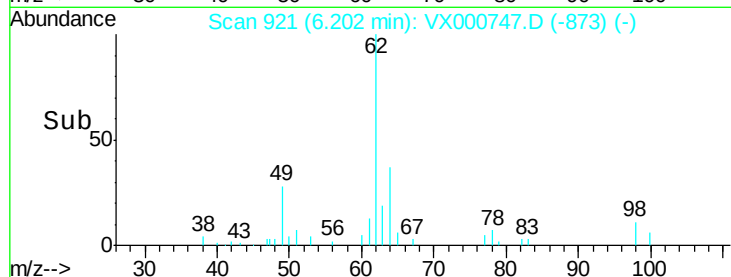
1000

500

0

6.10 6.15 6.20 6.25 6.30

Time-->



#43

Isopropyl Acetate

Concen: 1.08 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

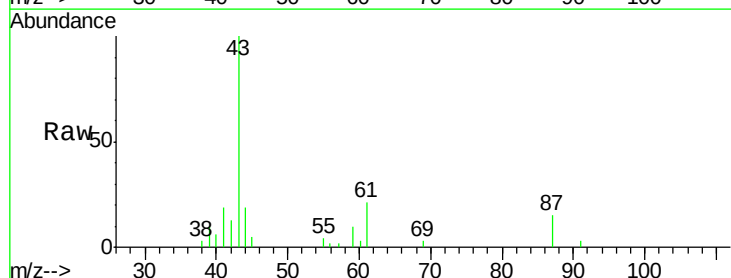
Tgt Ion: 43 Resp: 8125

Ion Ratio Lower Upper

43 100

61 19.4 15.6 23.4

87 12.3 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

4000

3000

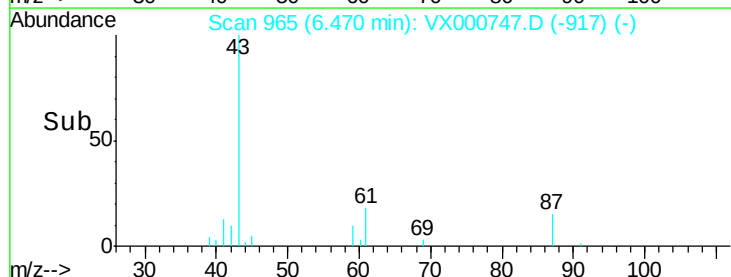
2000

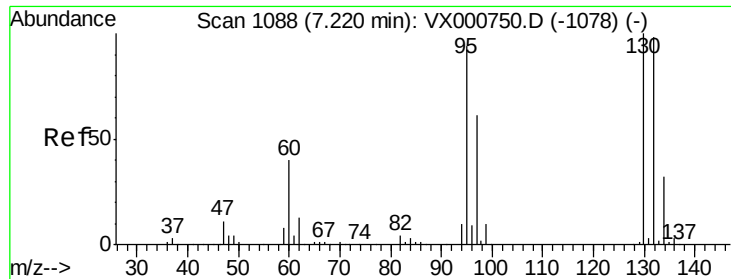
1000

0

6.40 6.45 6.50 6.55 6.60

Time-->





#44

Trichloroethene

Concen: 1.12 ug/l

RT: 7.23 min Scan# 1089

Delta R.T. 0.01 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion:130 Resp: 4317

Ion Ratio Lower Upper

130 100

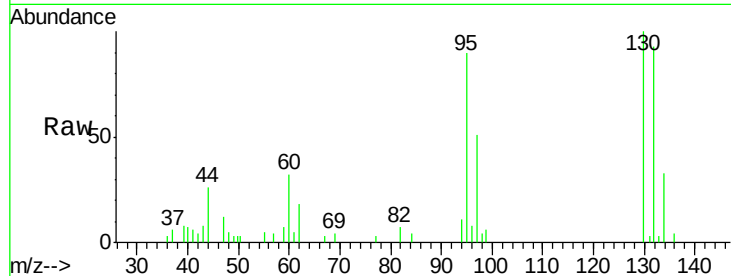
95 90.5 0.0 187.0

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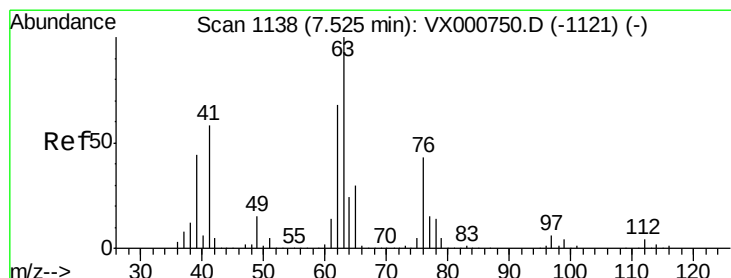
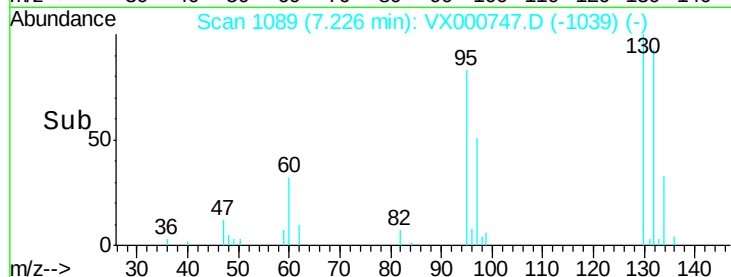
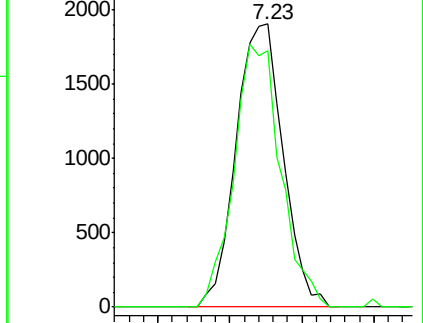
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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#45

1,2-Dichloropropane

Concen: 1.03 ug/l

RT: 7.53 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX000747.D

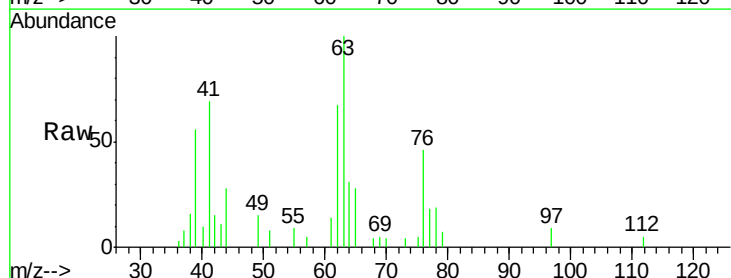
Acq: 10 Apr 2018 12:44

Tgt Ion: 63 Resp: 3307

Ion Ratio Lower Upper

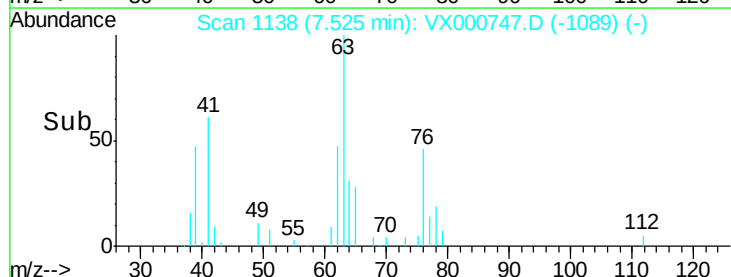
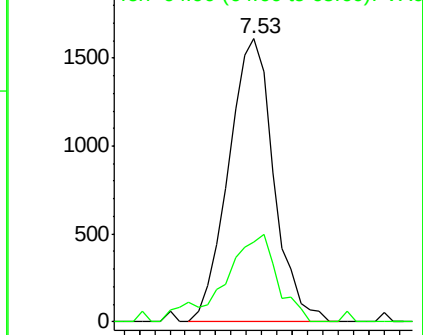
63 100

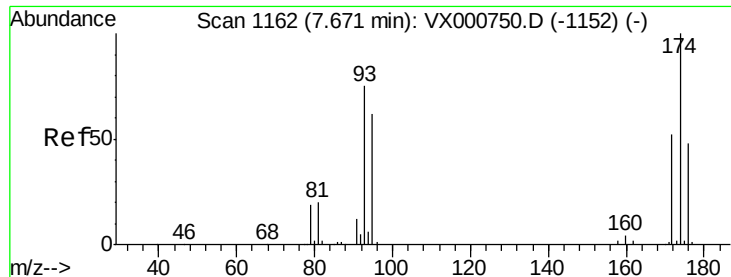
65 28.0 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





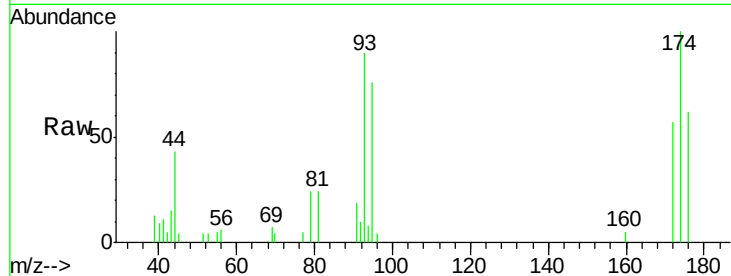
#46
Dibromomethane
Concen: 1.11 ug/l
RT: 7.67 min Scan# 1162
Delta R.T. 0.00 min
Lab File: VX000747.D
Acq: 10 Apr 2018 12:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

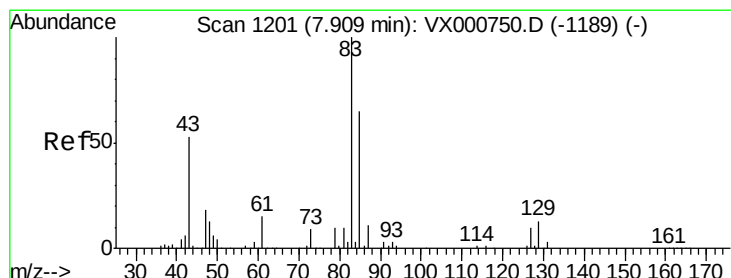
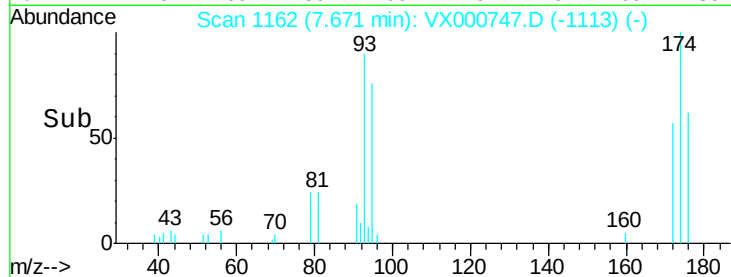
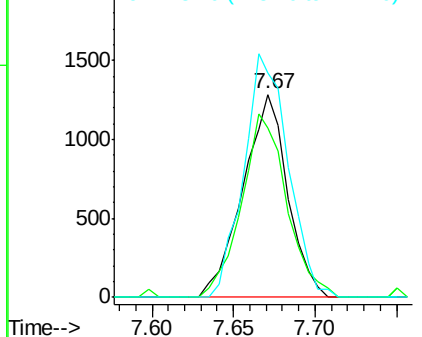
Tot Ion	Ratio	Lower	Upper
93	100		
95	91.8	66.6	100.0
174	119.1	104.5	156.7

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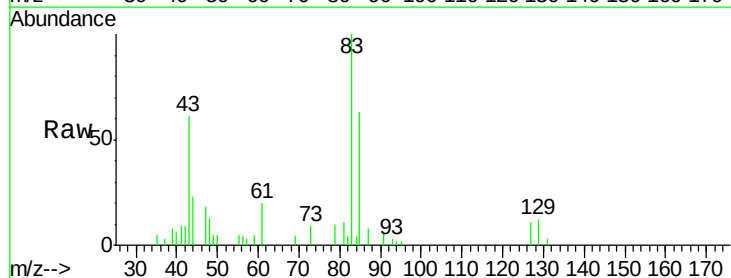


Abundance Ion 92.80 (92.50 to 93.50): VX0
Ion 94.80 (94.50 to 95.50): VX0
Ion 173.70 (173.40 to 174.40): V

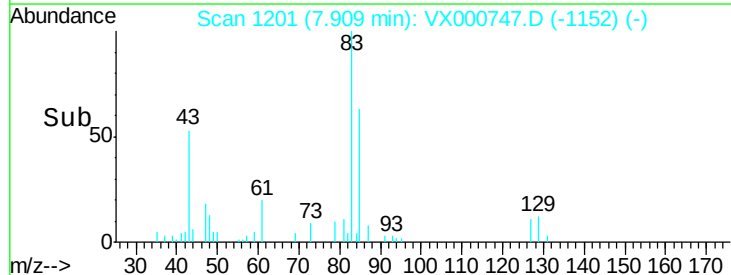
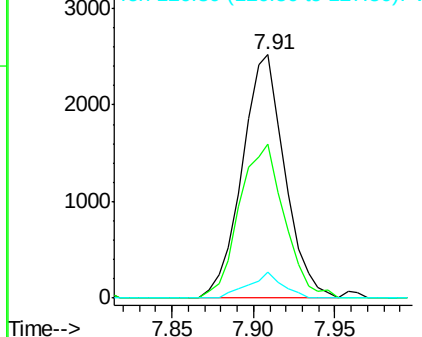


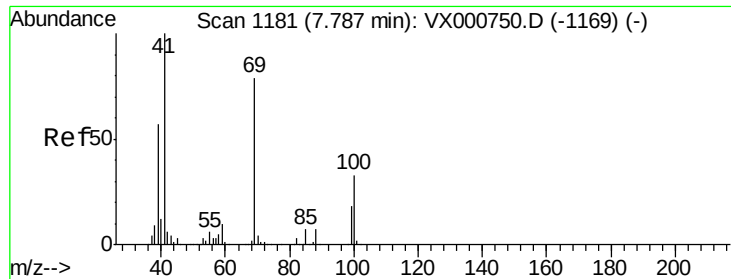
#47
Bromodichloromethane
Concen: 1.01 ug/l
RT: 7.91 min Scan# 1201
Delta R.T. 0.00 min
Lab File: VX000747.D
Acq: 10 Apr 2018 12:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	52.2	78.4
127	10.9	7.8	11.8



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V





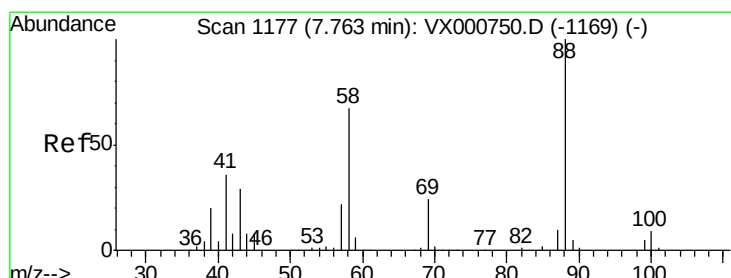
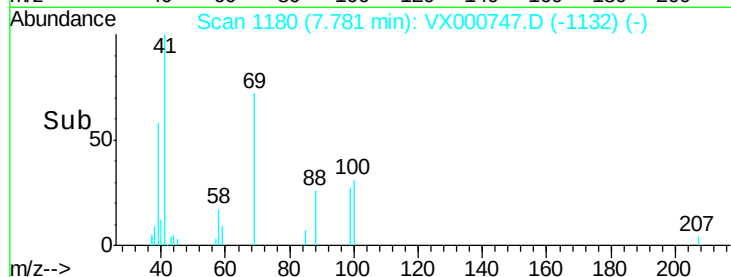
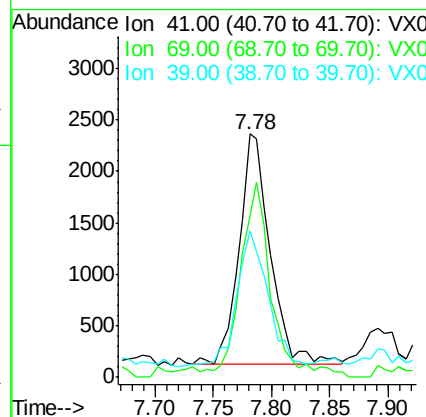
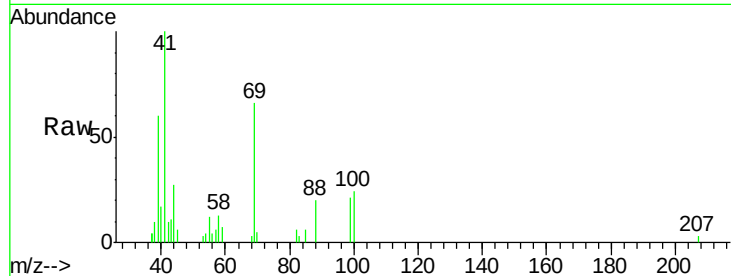
#48
Methyl methacrylate
Concen: 1.06 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. -0.01 min
Lab File: VX000747.D
Acq: 10 Apr 2018 12:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	83.7	63.9	95.9
39	60.9	45.9	68.9

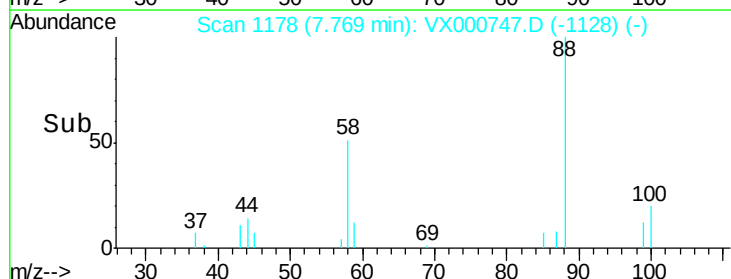
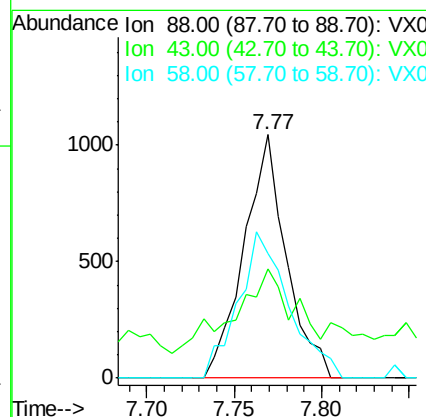
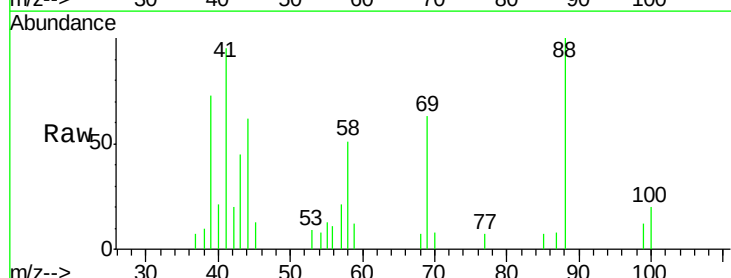
Manual Integrations
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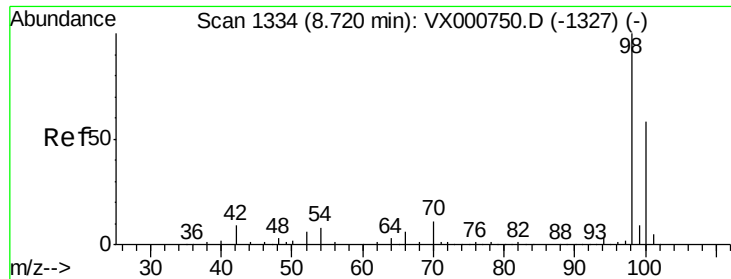
MMDadoda
4/11/2018 11:20:40 AM



#49
1,4-Dioxane
Concen: 22.32 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX000747.D
Acq: 10 Apr 2018 12:44

Tgt Ion	Ratio	Lower	Upper
88	100		
43	48.9	25.8	38.8#
58	71.8	54.4	81.6





#50

Toluene-d8

Concen: 1.20 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 98 Resp: 13734

Ion Ratio Lower Upper

98 100

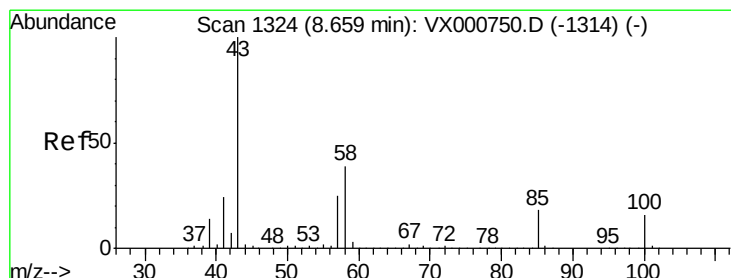
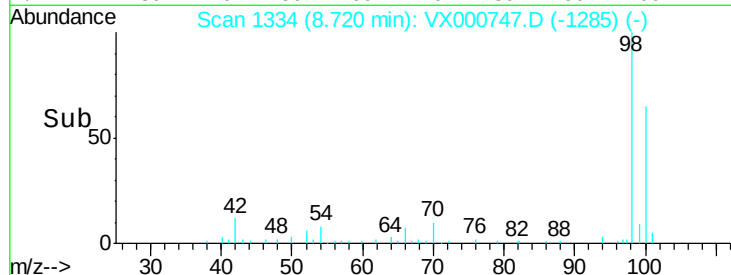
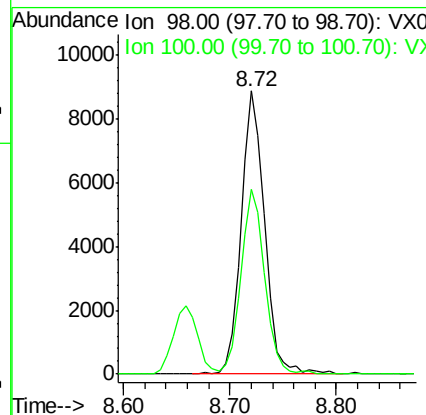
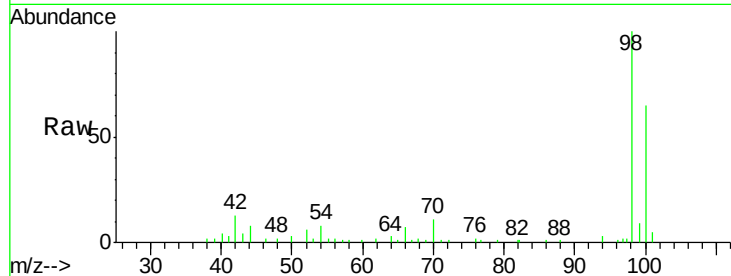
100 66.2 52.6 79.0

Manual Integrations

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#51

4-Methyl-2-Pentanone

Concen: 4.98 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX000747.D

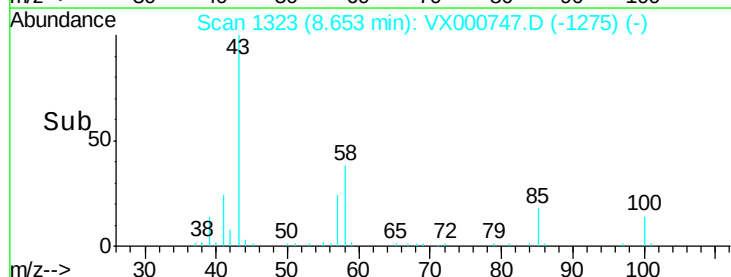
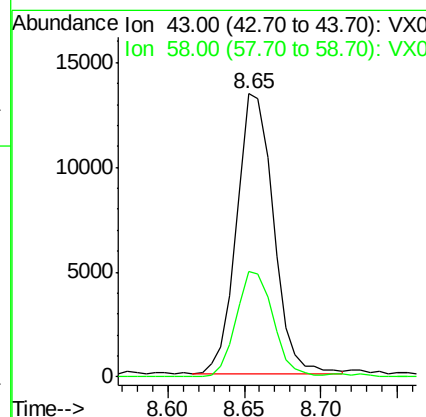
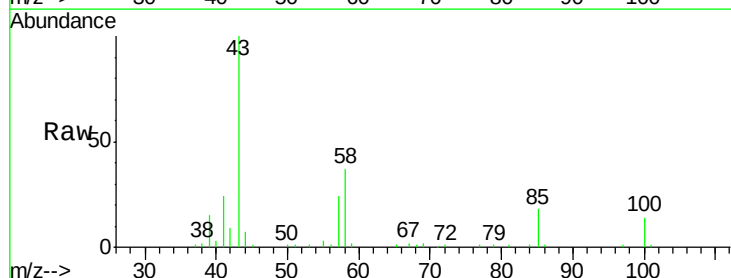
Acq: 10 Apr 2018 12:44

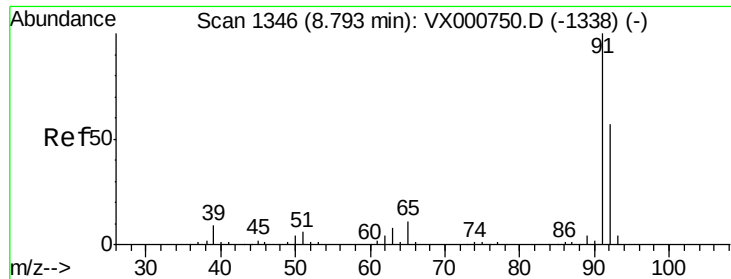
Tgt Ion: 43 Resp: 22325

Ion Ratio Lower Upper

43 100

58 37.8 30.3 45.5





#52

Toluene

Concen: 1.10 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 9034

Ion Ratio Lower Upper

92 100

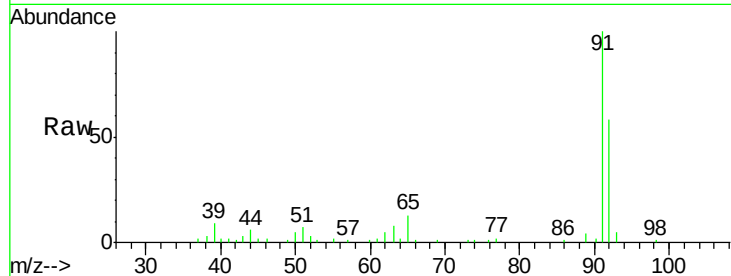
91 167.2 139.0 208.4

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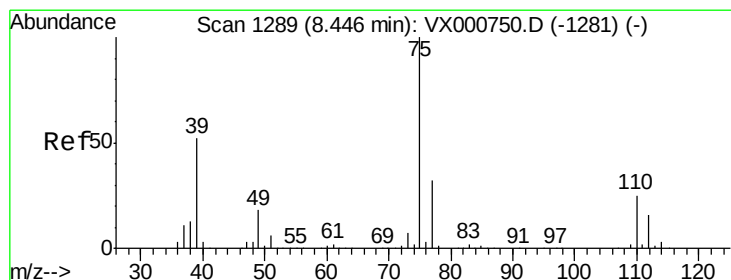
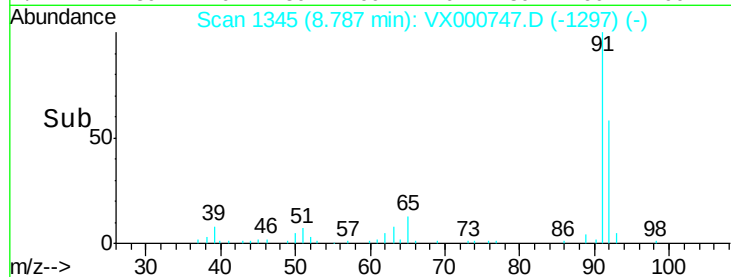
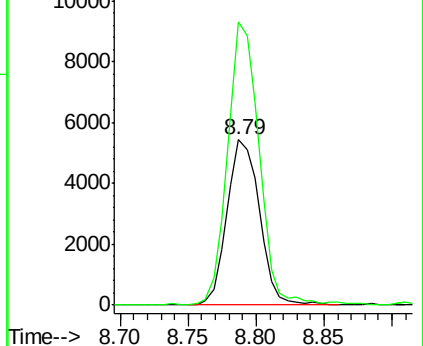
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Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 1.01 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX000747.D

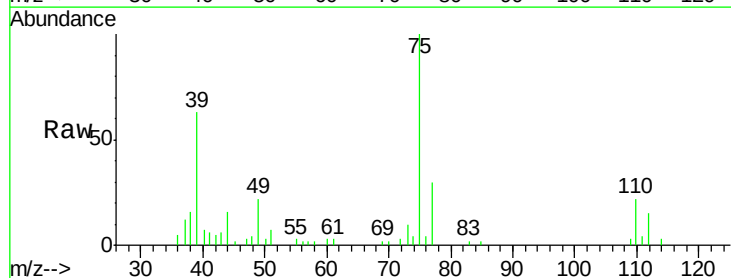
Acq: 10 Apr 2018 12:44

Tgt Ion: 75 Resp: 5482

Ion Ratio Lower Upper

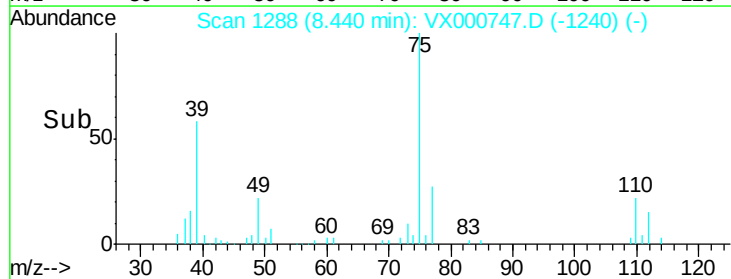
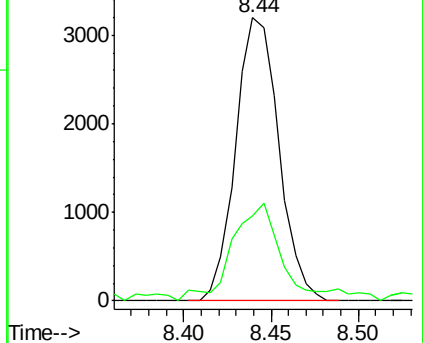
75 100

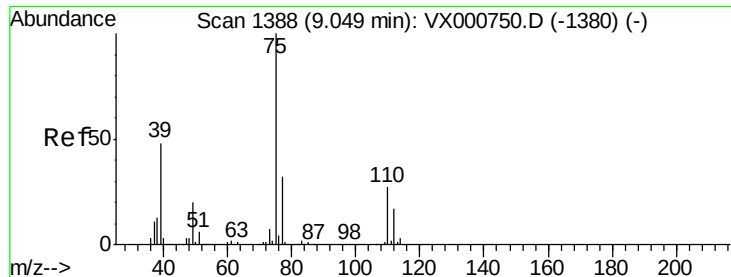
77 26.0 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0





#54

cis-1,3-Dichloropropene

Concen: 0.99 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

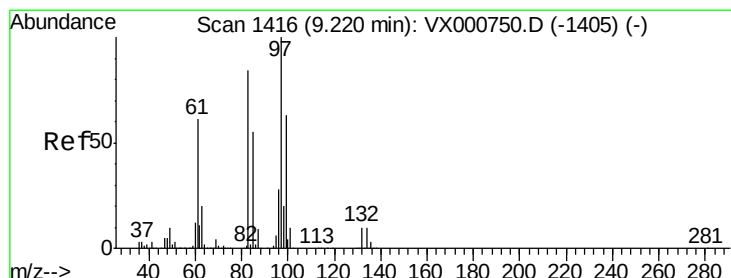
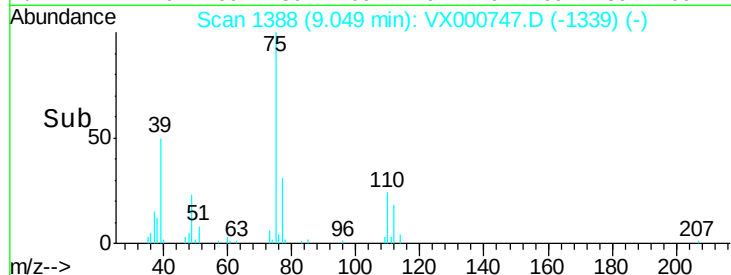
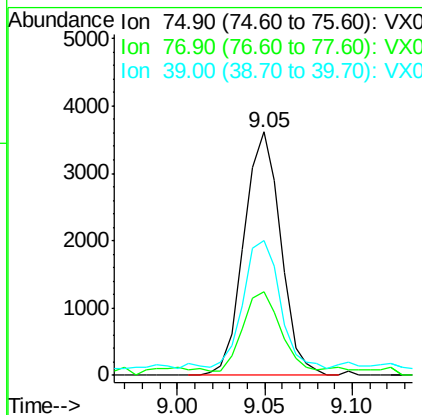
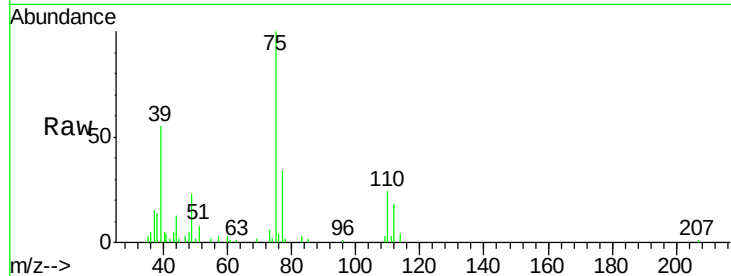
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	5295
Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.4	38.2
39	50.7	38.6	58.0

Manual Integrations
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#55

1,1,2-Trichloroethane

Concen: 1.15 ug/l

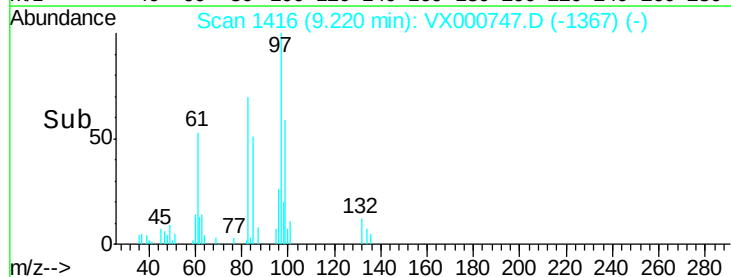
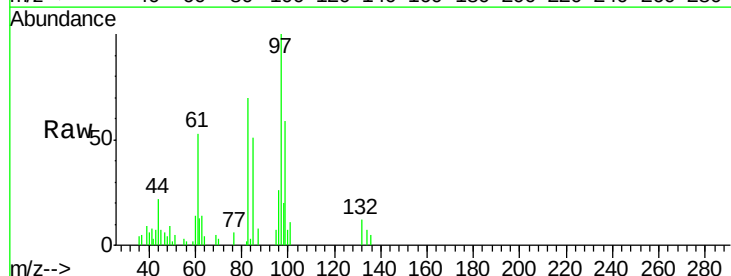
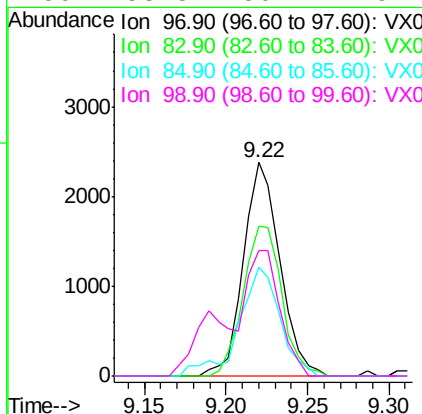
RT: 9.22 min Scan# 1416

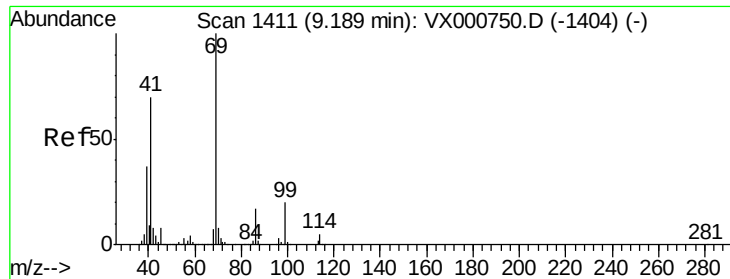
Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Tgt Ion:	97	Resp:	3703
Ion	Ratio	Lower	Upper
97	100		
83	70.0	67.6	101.4
85	51.2	43.8	65.6
99	58.8	50.2	75.4





#56

Ethyl methacrylate

Concen: 1.03 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

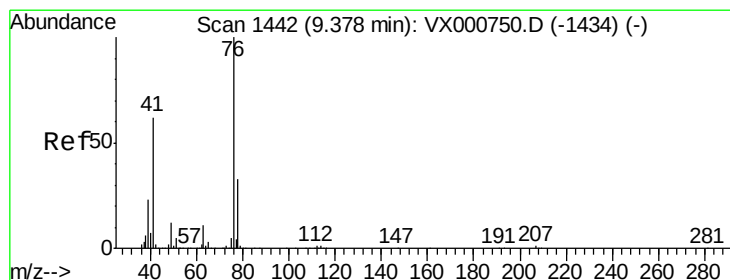
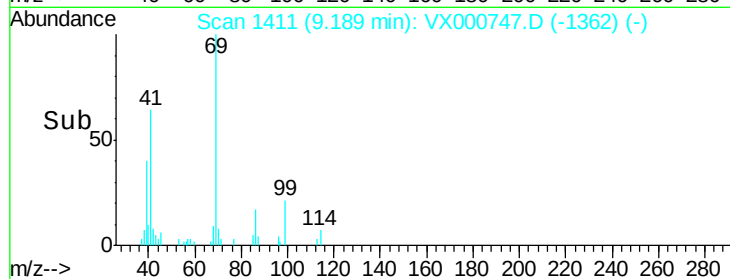
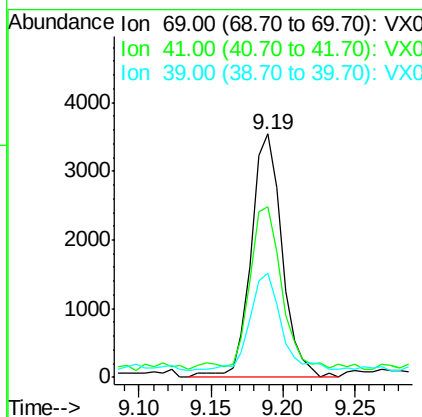
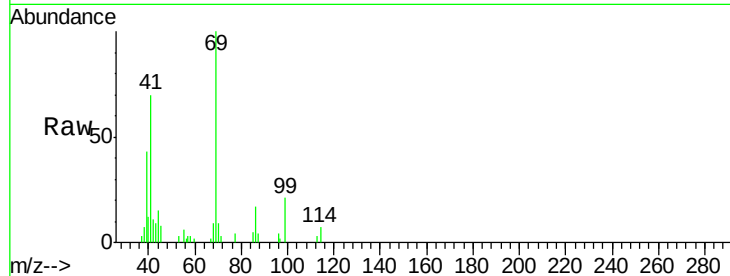
ClientSampleId :

VSTDIC001

Tot Ion:	69	Resp:	5256
Ion	Ratio	Lower	Upper
69	100		
41	66.7	55.6	83.4
39	41.1	30.3	45.5

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#57

1,3-Dichloropropane

Concen: 1.02 ug/l

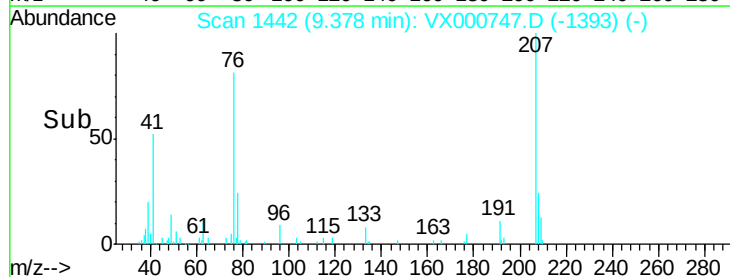
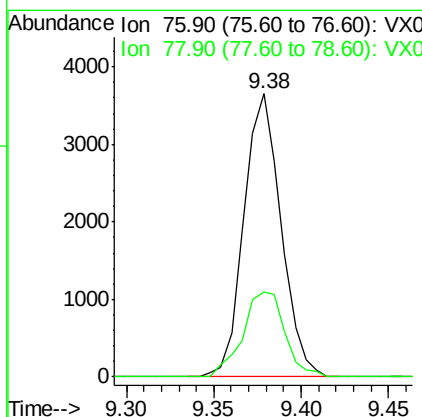
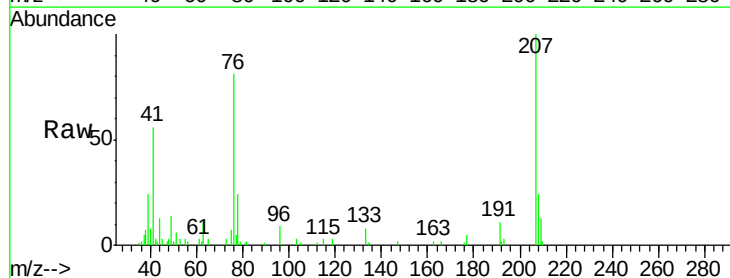
RT: 9.38 min Scan# 1442

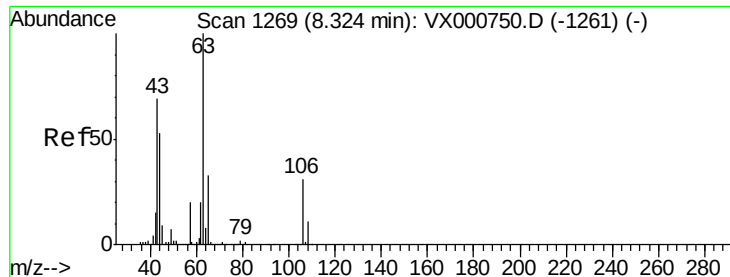
Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Tgt Ion:	76	Resp:	5387
Ion	Ratio	Lower	Upper
76	100		
78	34.1	25.8	38.6





#58

2-Chloroethyl Vinyl ether

Concen: 4.22 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 63 Resp: 10304

Ion Ratio Lower Upper

63 100

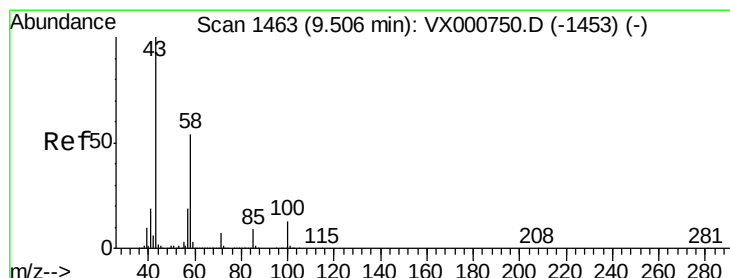
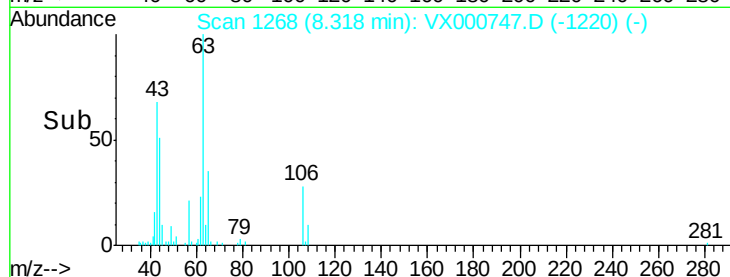
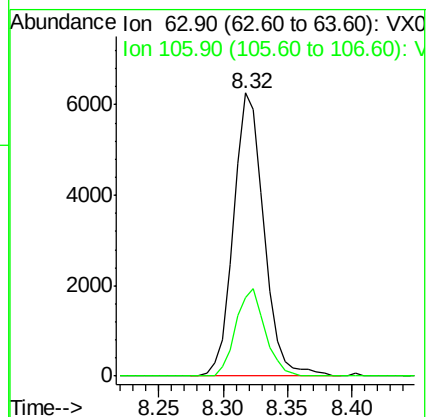
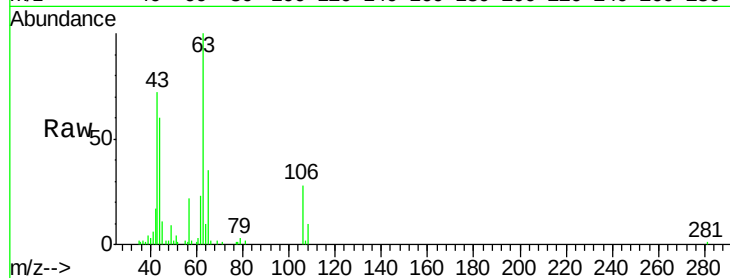
106 29.5 24.3 36.5

Manual Integrations

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#59

2-Hexanone

Concen: 4.86 ug/l

RT: 9.51 min Scan# 1463

Delta R.T. 0.00 min

Lab File: VX000747.D

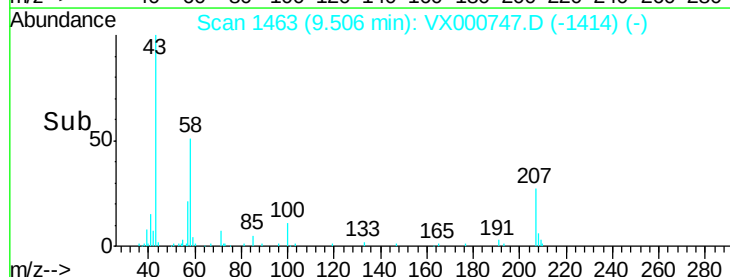
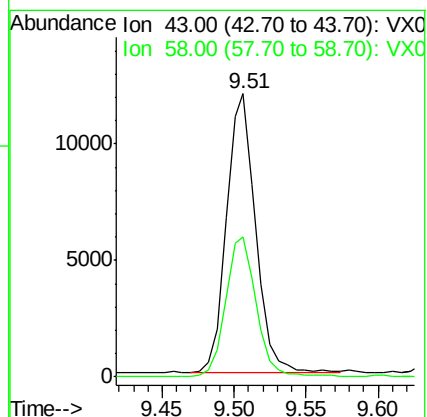
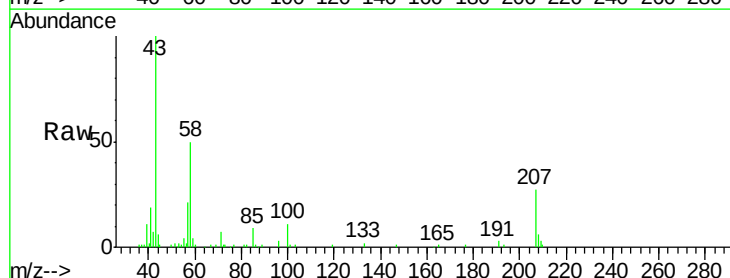
Acq: 10 Apr 2018 12:44

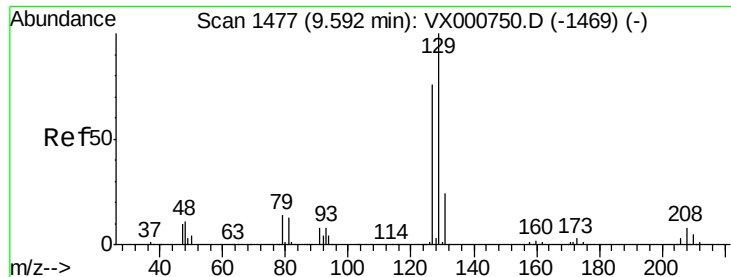
Tgt Ion: 43 Resp: 16894

Ion Ratio Lower Upper

43 100

58 53.0 26.5 79.5





#60

Dibromochloromethane

Concen: 0.96 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.01 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:129 Resp: 3873

Ion Ratio Lower Upper

129 100

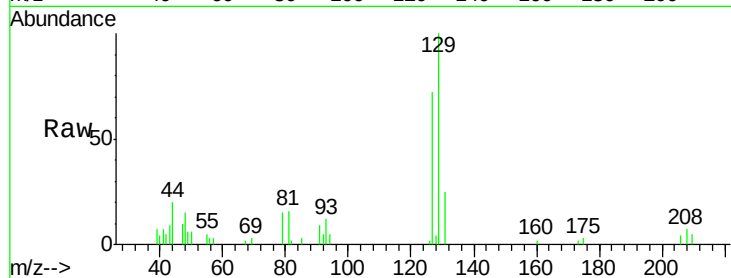
127 74.7 38.4 115.1

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.59

2500

2000

1500

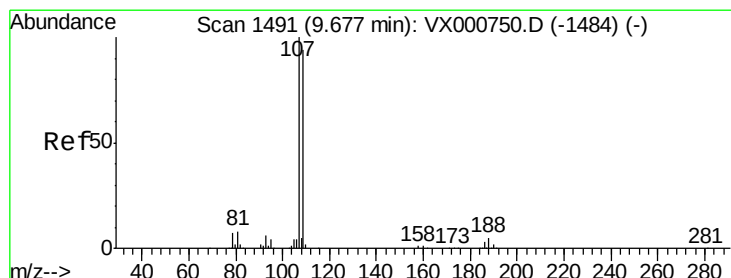
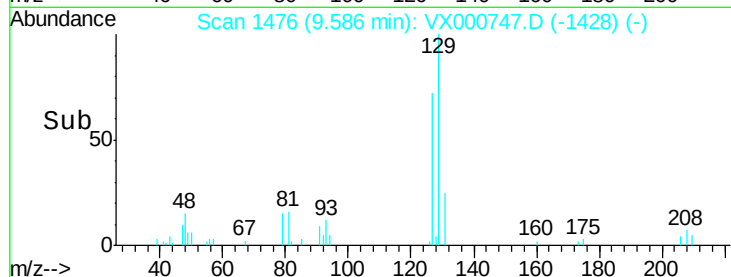
1000

500

0

9.55 9.60 9.65

Time-->



#61

1,2-Dibromoethane

Concen: 1.06 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX000747.D

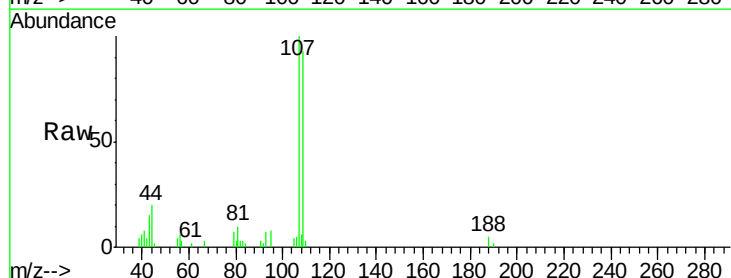
Acq: 10 Apr 2018 12:44

Tgt Ion:107 Resp: 3721

Ion Ratio Lower Upper

107 100

109 92.6 76.2 114.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

2500

2000

1500

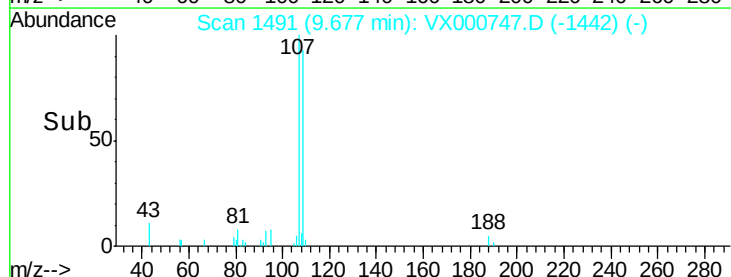
1000

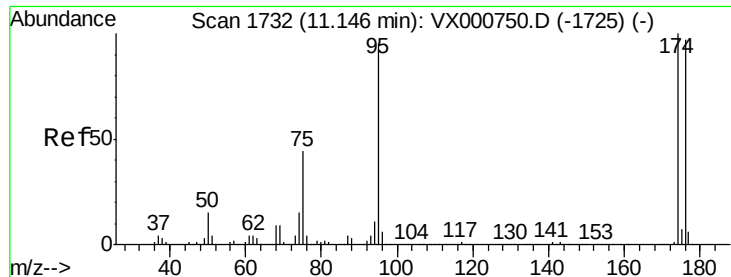
500

0

9.65 9.70

Time-->





#62

4-Bromofluorobenzene

Concen: 1.27 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

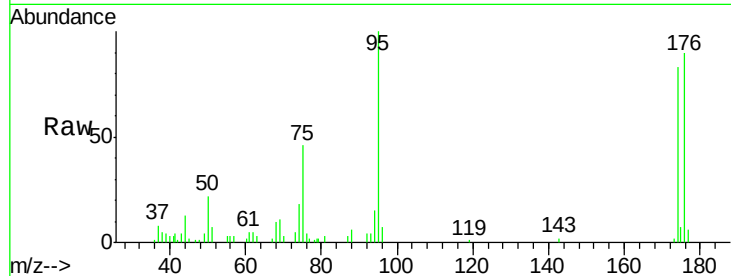
ClientSampleId :

VSTDIC001

Tot Ion:	95	Resp:	5907
Ion	Ratio	Lower	Upper
95	100		
174	94.2	0.0	198.4
176	93.2	0.0	194.4

Manual Integrations
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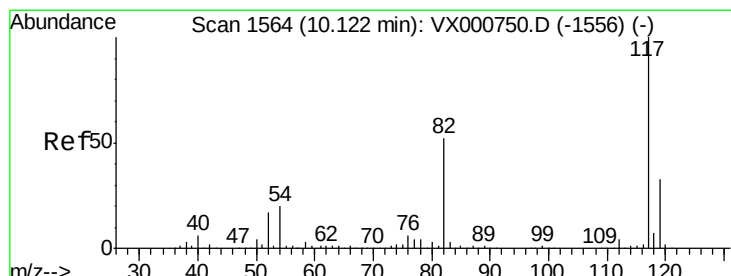
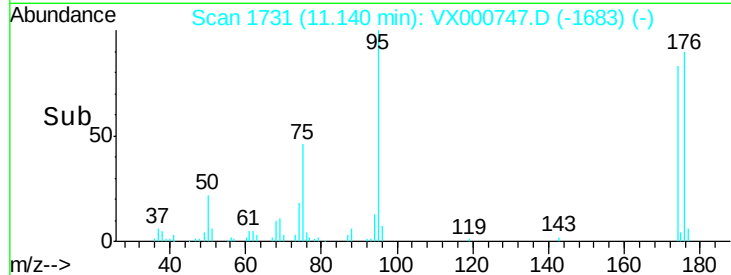
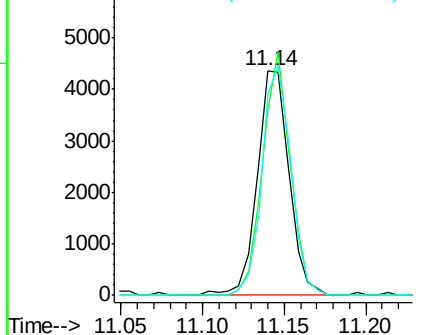
MMDadoda
4/11/2018 11:20:40 AM



Abundance Ion 94.90 (94.60 to 95.60): VX000750.D (-1725) (-)

Ion 173.80 (173.50 to 174.50): VX000750.D (-1725) (-)

Ion 175.80 (175.50 to 176.50): VX000750.D (-1725) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

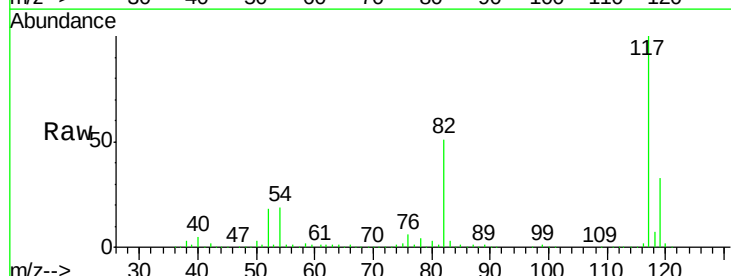
RT: 10.12 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

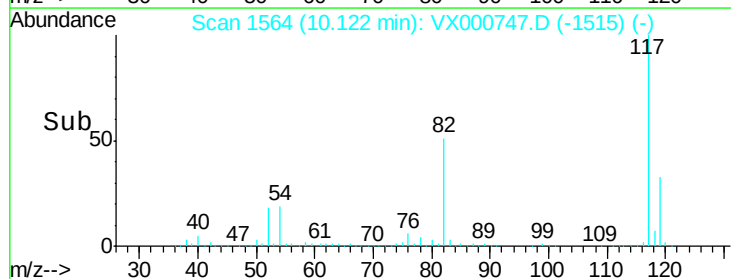
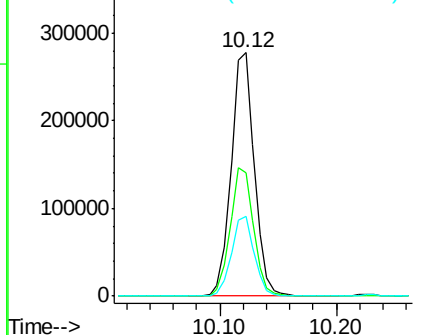
Tgt Ion:	117	Resp:	384381
Ion	Ratio	Lower	Upper
117	100		
82	50.6	41.9	62.9
119	33.0	26.0	39.0

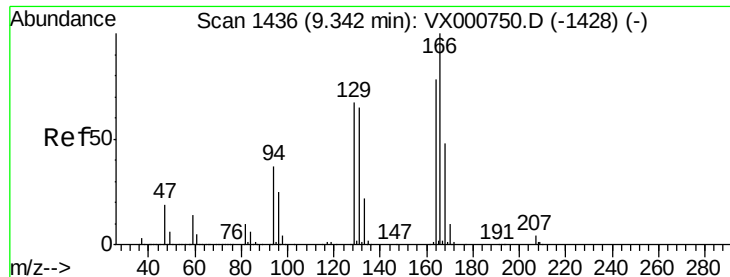


Abundance Ion 116.90 (116.60 to 117.60): VX000750.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX000750.D (-1556) (-)

Ion 118.90 (118.60 to 119.60): VX000750.D (-1556) (-)





#64

Tetrachloroethene

Concen: 1.10 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:164 Resp: 4070

Ion Ratio Lower Upper

164 100

166 131.9 102.8 154.2

129 86.3 68.5 102.7

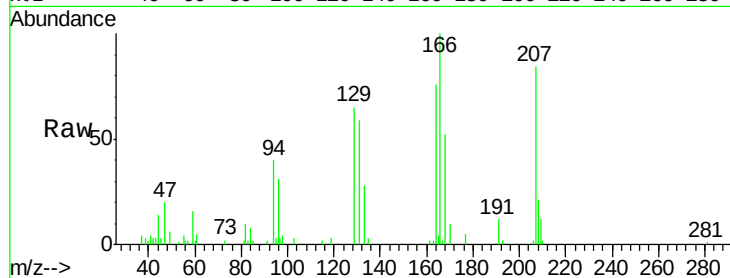
131 78.0 66.6 100.0

Manual Integrations

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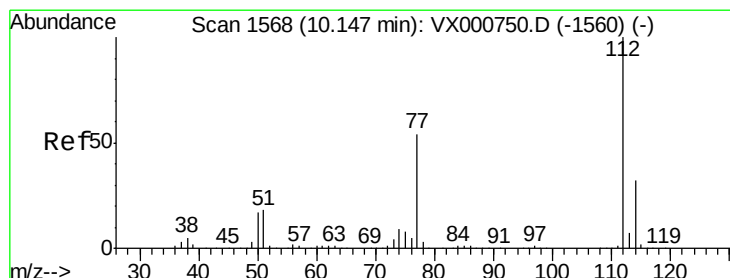
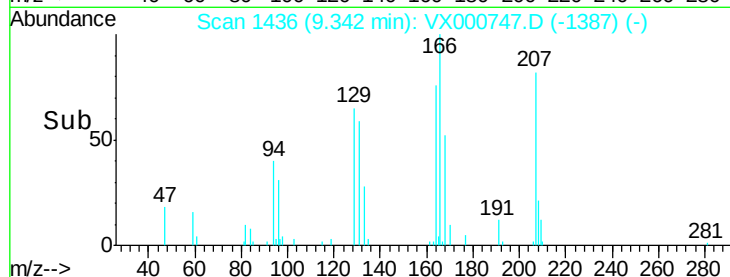
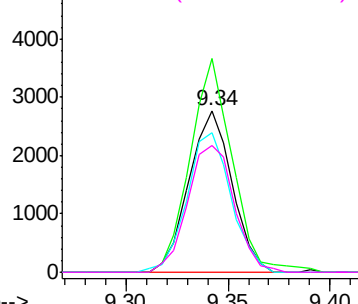


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 1.07 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX000747.D

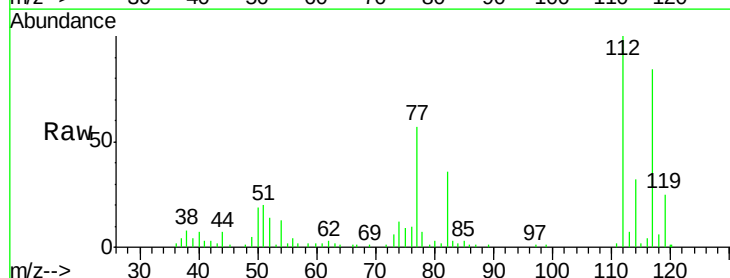
Acq: 10 Apr 2018 12:44

Tgt Ion:112 Resp: 10342

Ion Ratio Lower Upper

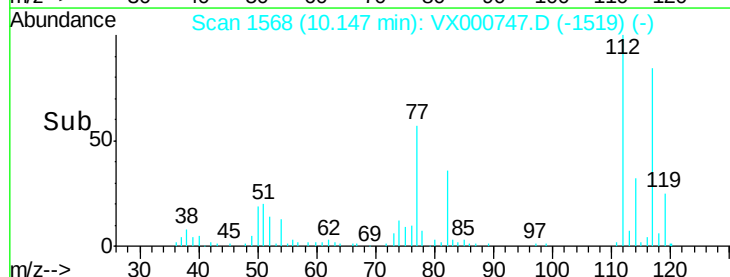
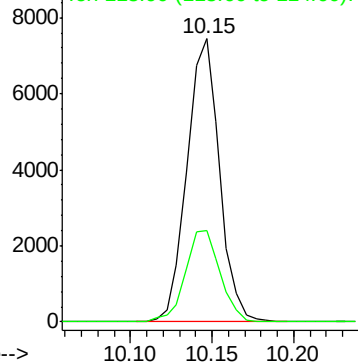
112 100

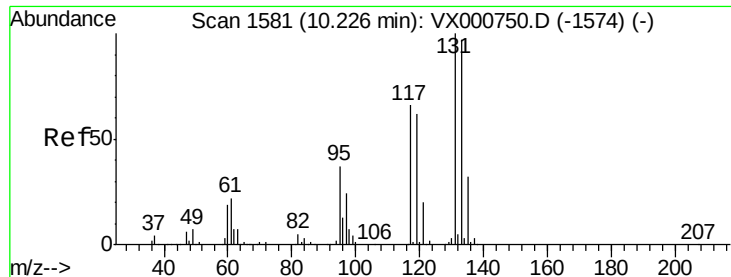
114 32.1 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





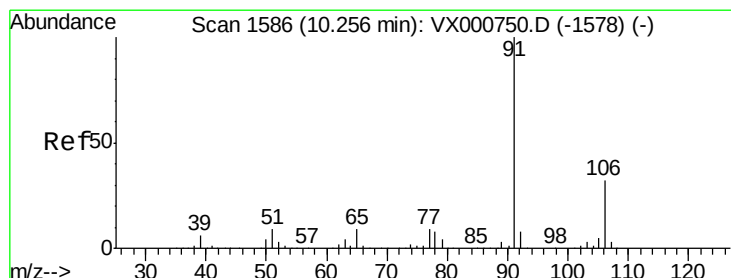
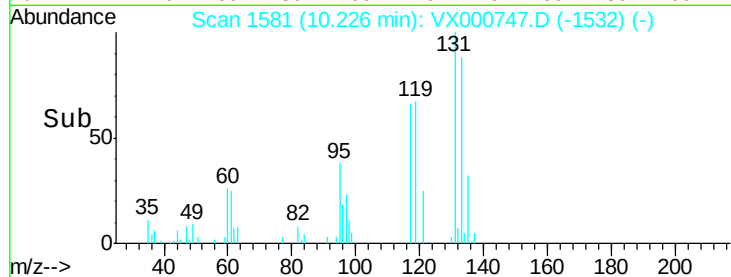
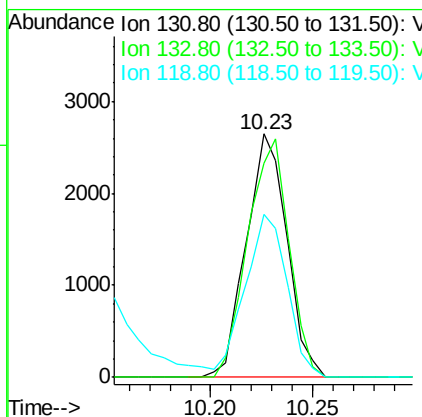
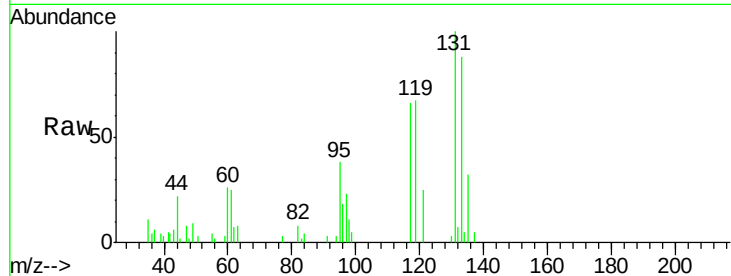
#66
 1,1,1,2-Tetrachloroethane
 Concen: 1.00 ug/l
 RT: 10.23 min Scan# 1581
 Delta R.T. 0.00 min
 Lab File: VX000747.D
 Acq: 10 Apr 2018 12:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	99.8	48.3	144.9
119	0.0	31.4	94.0

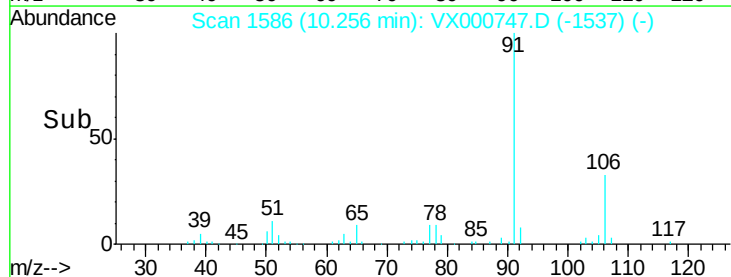
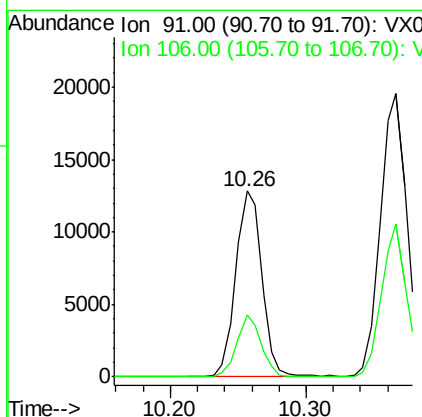
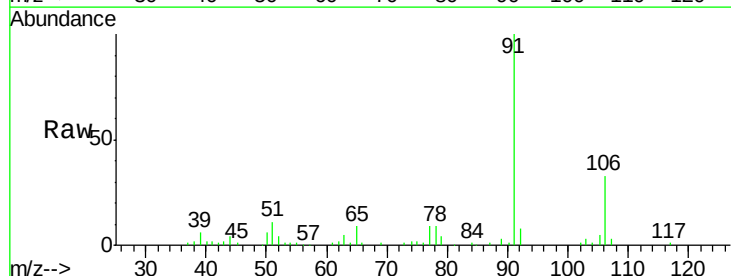
Manual Integrations
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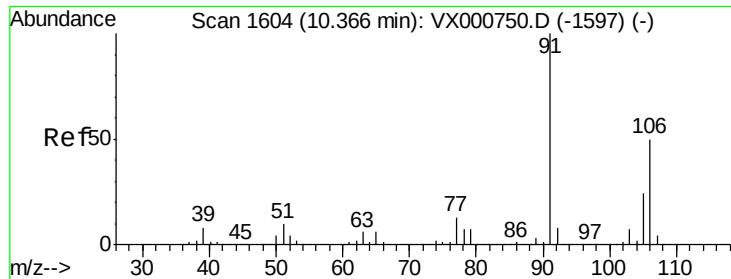
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#67
 Ethyl Benzene
 Concen: 1.08 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VX000747.D
 Acq: 10 Apr 2018 12:44

Tgt Ion	Ratio	Lower	Upper
91	100		
106	33.0	25.4	38.0





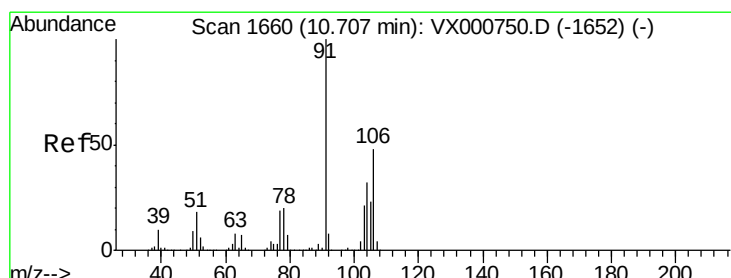
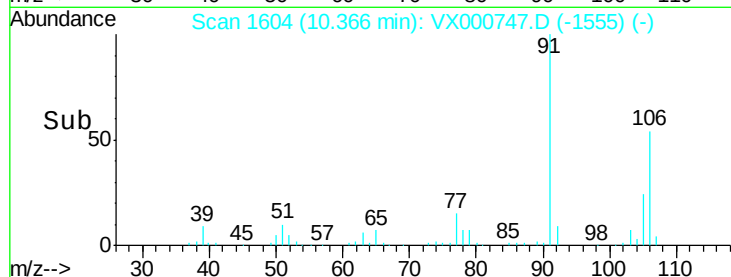
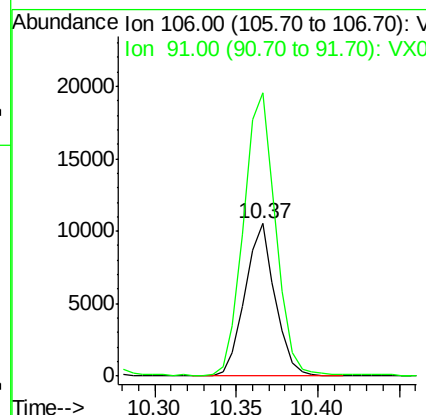
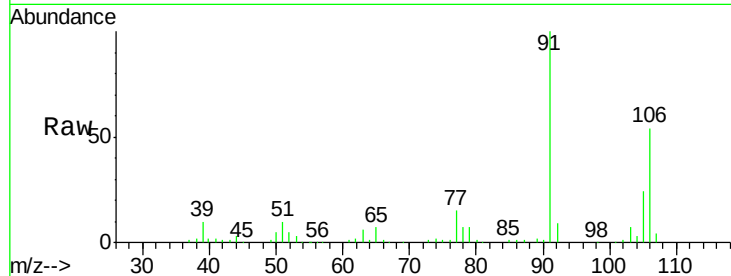
#68
m/p-Xylenes
Concen: 2.13 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000747.D
Acq: 10 Apr 2018 12:44

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion:106 Resp: 13524
Ion Ratio Lower Upper
106 100
91 197.9 159.3 238.9

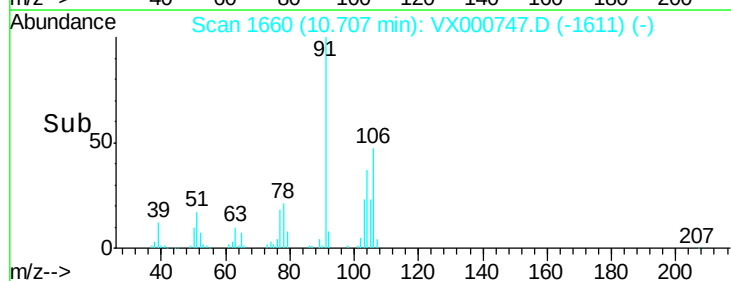
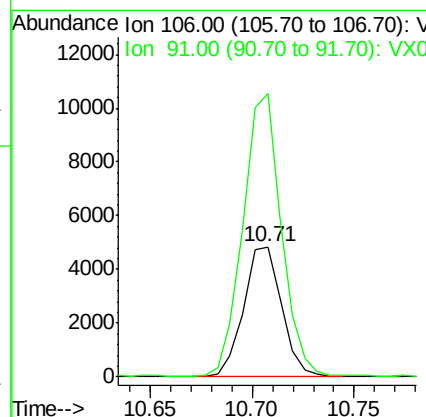
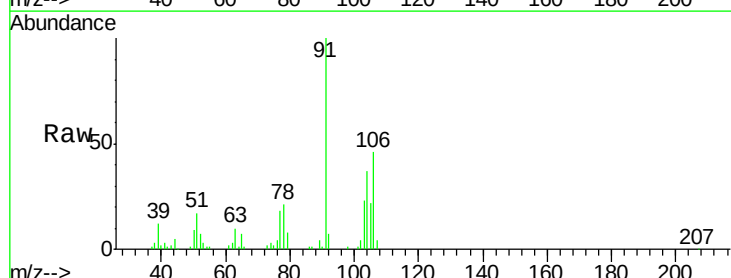
Manual Integrations
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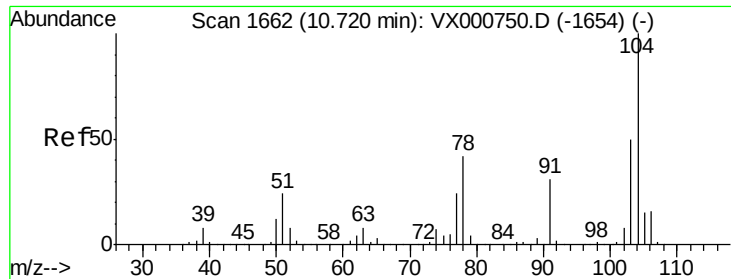
MMDadoda
4/11/2018 11:20:40 AM



#69
o-Xylene
Concen: 1.02 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000747.D
Acq: 10 Apr 2018 12:44

Tgt Ion:106 Resp: 6273
Ion Ratio Lower Upper
106 100
91 221.1 105.0 315.0





#70

Stvrene

Concen: 1.02 ug/l

RT: 10.72 min Scan# 1662

Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

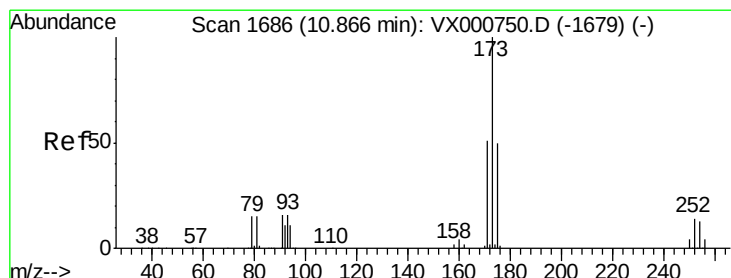
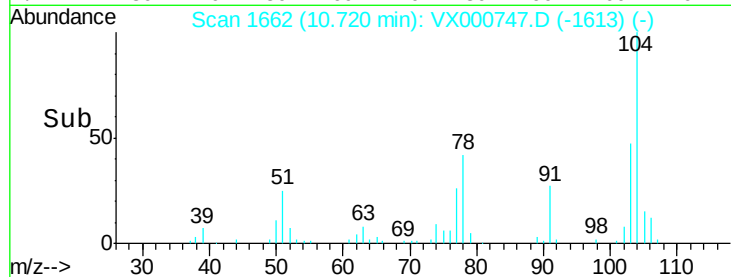
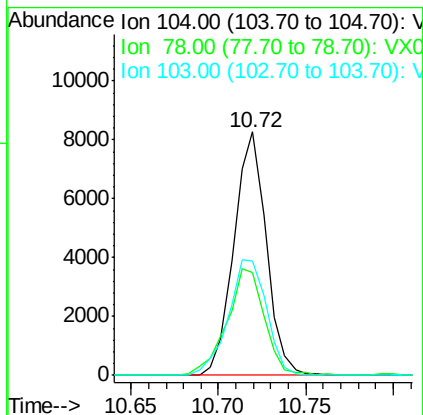
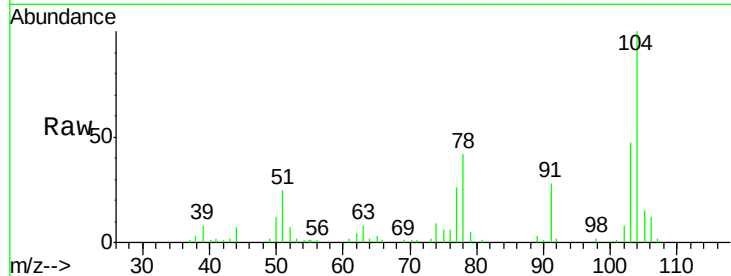
ClientSampleId :

VSTDIC001

Tot Ion:	104	Resp:	10630
Ion Ratio	Lower	Upper	
104	100		
78	51.3	39.0	58.6
103	56.0	44.1	66.1

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#71

Bromoform

Concen: 0.84 ug/l

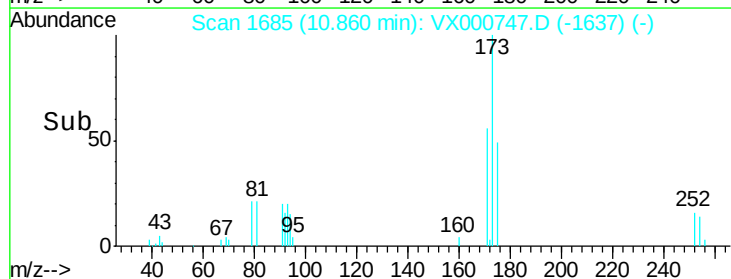
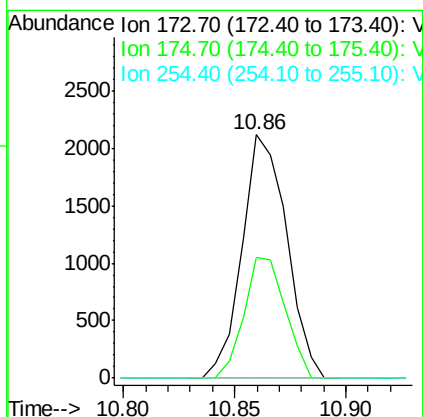
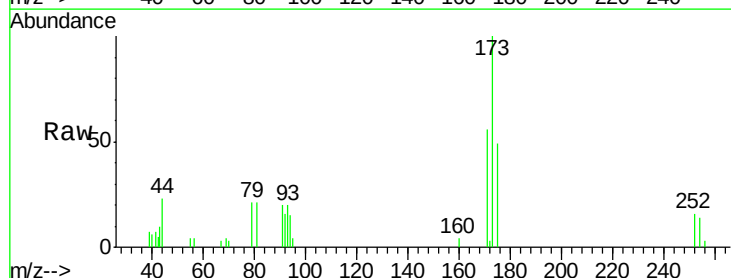
RT: 10.86 min Scan# 1685

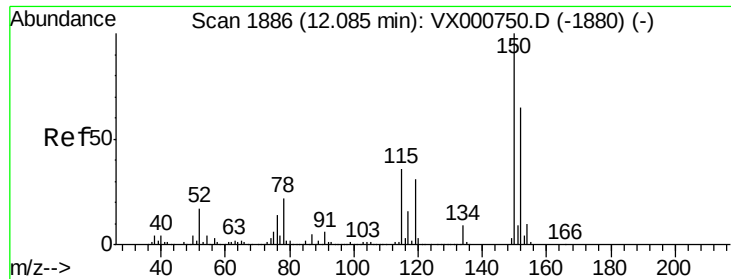
Delta R.T. -0.01 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Tgt Ion:	173	Resp:	2951
Ion Ratio	Lower	Upper	
173	100		
175	45.8	24.5	73.5
254	0.0	0.2	0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:152 Resp: 259289

Ion Ratio Lower Upper

152 100

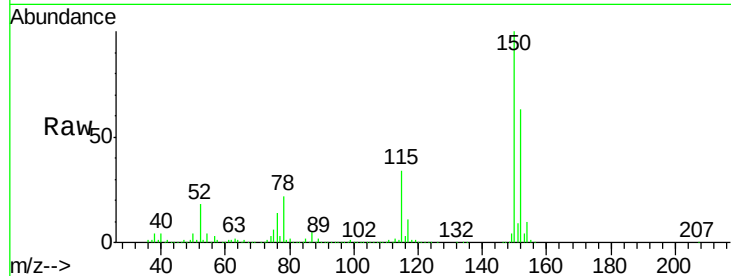
115 53.8 37.9 113.7

150 156.0 0.0 348.0

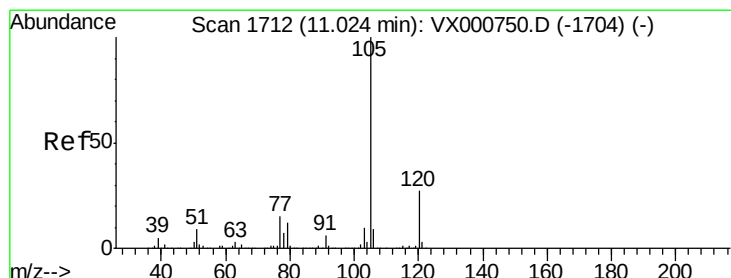
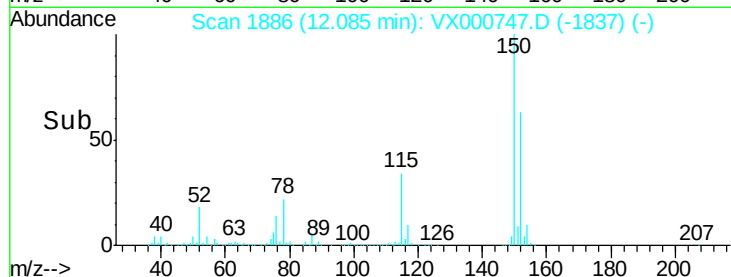
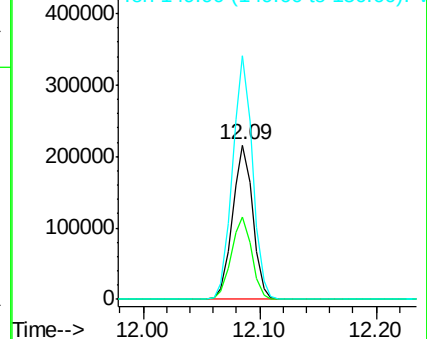
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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 1.06 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000747.D

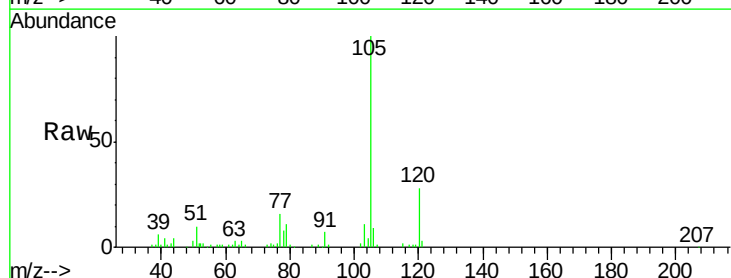
Acq: 10 Apr 2018 12:44

Tgt Ion:105 Resp: 17444

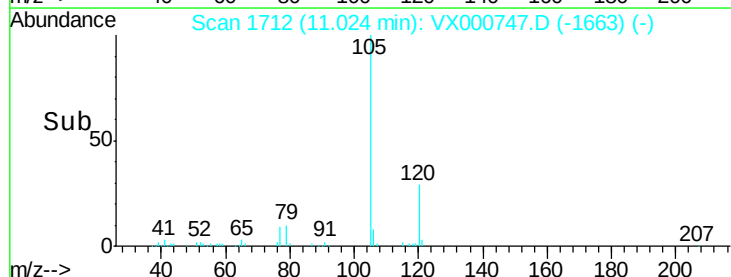
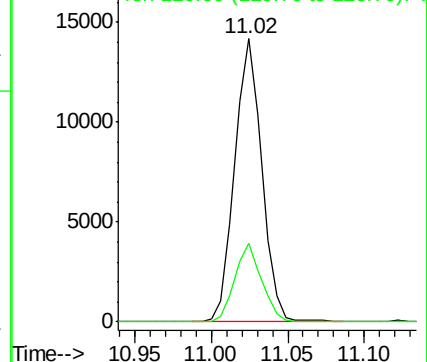
Ion Ratio Lower Upper

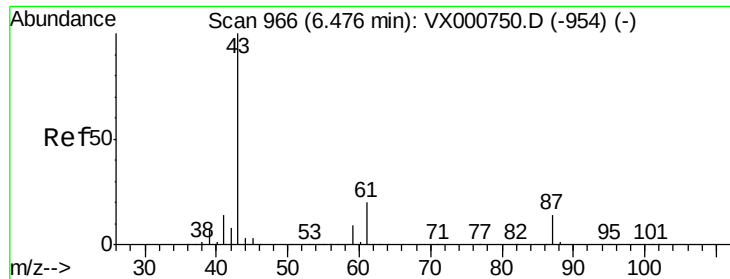
105 100

120 27.3 13.7 41.0



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





#74

N-amvl acetate

Concen: 1.09 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

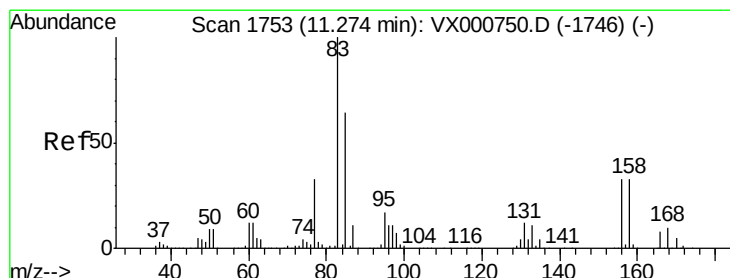
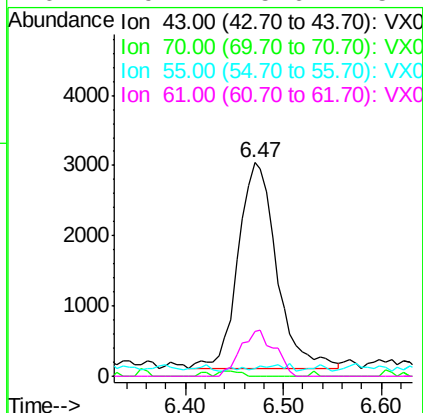
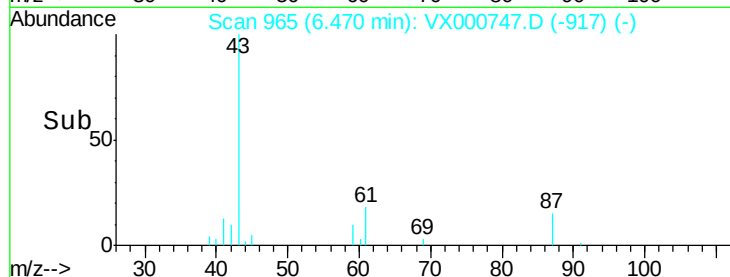
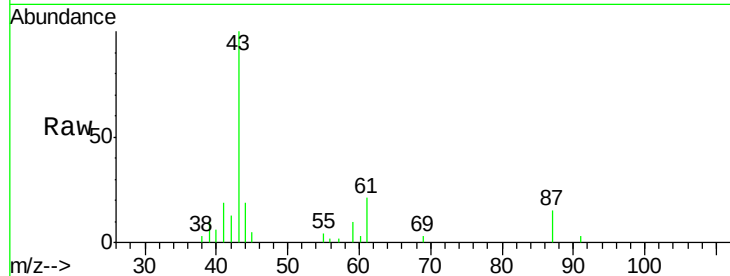
ClientSampleId :

VSTDIC001

Tot Ion:	43	Resp:	8125
Ion Ratio	Lower	Upper	
43	100		
70	0.0	0.0	0.0
55	0.0	0.0	0.0
61	19.4	15.6	23.4

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#75

1,1,2,2-Tetrachloroethane

Concen: 1.06 ug/l

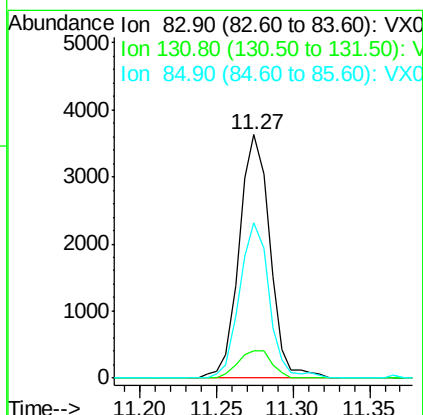
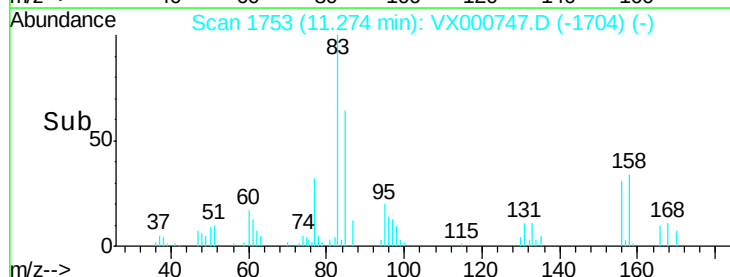
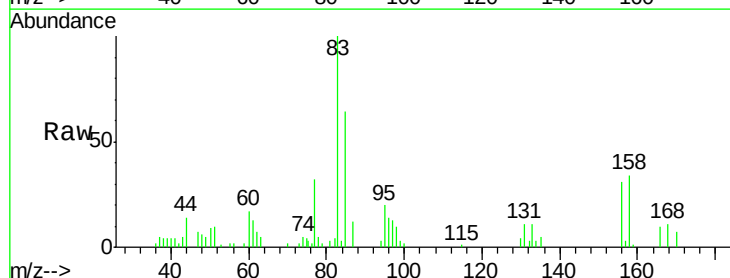
RT: 11.27 min Scan# 1753

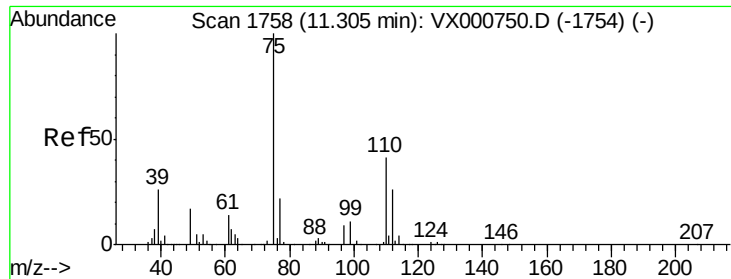
Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Tgt Ion:	83	Resp:	5071
Ion Ratio	Lower	Upper	
83	100		
131	12.2	6.0	18.0
85	61.8	32.3	96.8





#76

1,2,3-Trichloropropane

Concen: 1.01 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 75 Resp: 4572

Ion Ratio Lower Upper

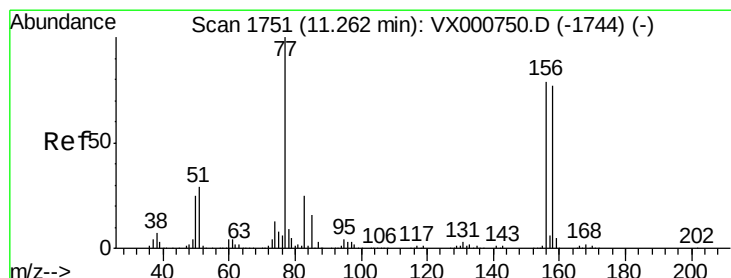
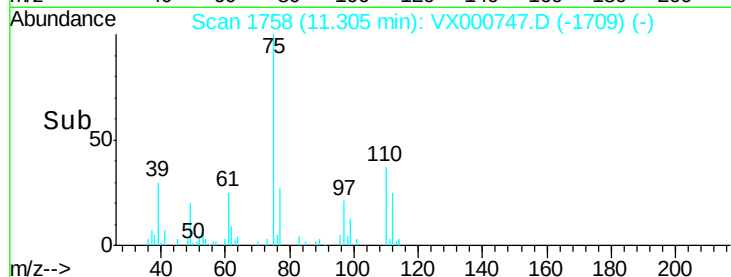
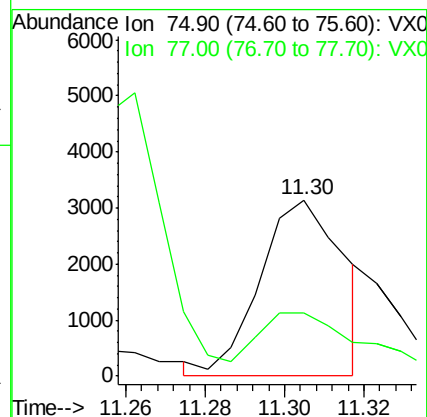
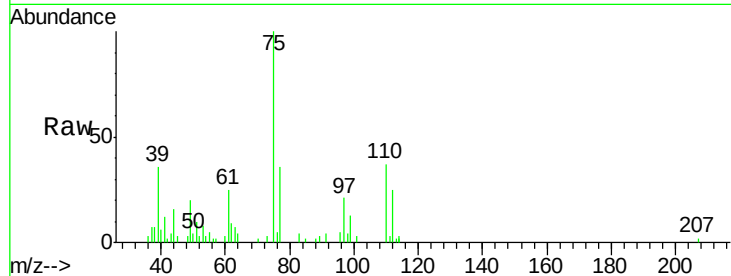
75 100

77 46.2 20.5 61.5

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#77

Bromobenzene

Concen: 1.12 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

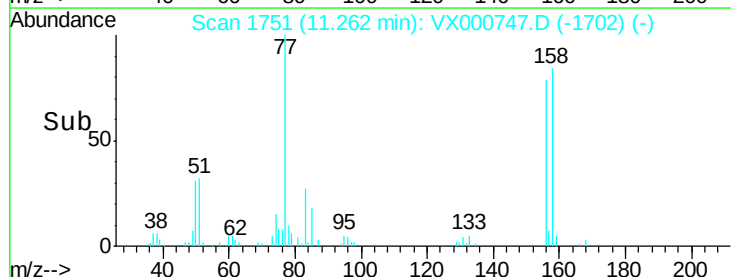
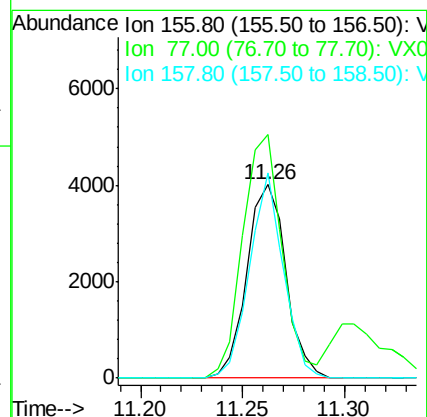
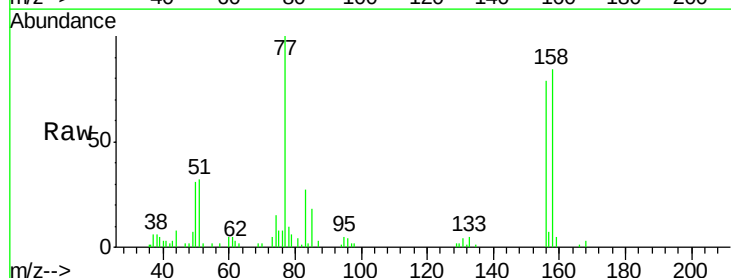
Tgt Ion: 156 Resp: 5334

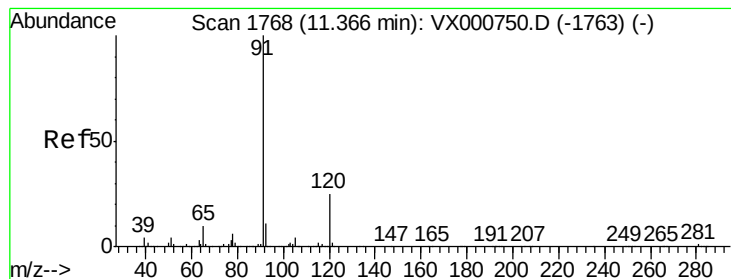
Ion Ratio Lower Upper

156 100

77 127.3 66.0 198.2

158 91.8 48.8 146.4





#78

n-propylbenzene

Concen: 1.11 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 91 Resp: 20737

Ion Ratio Lower Upper

91 100

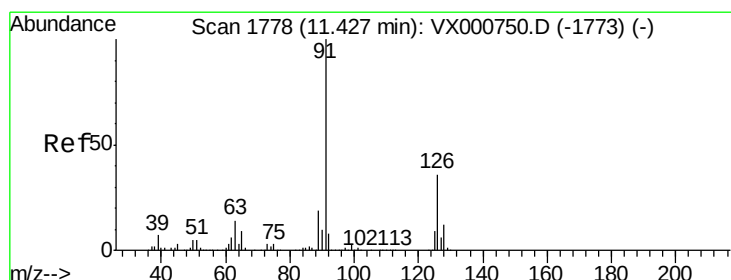
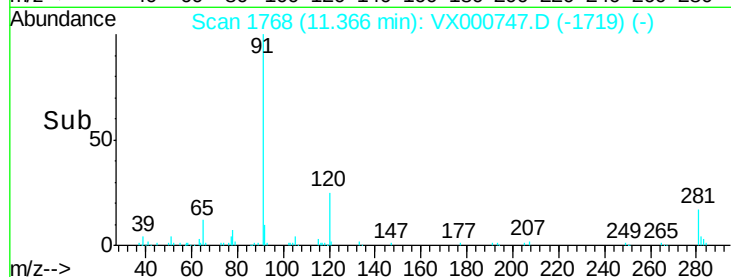
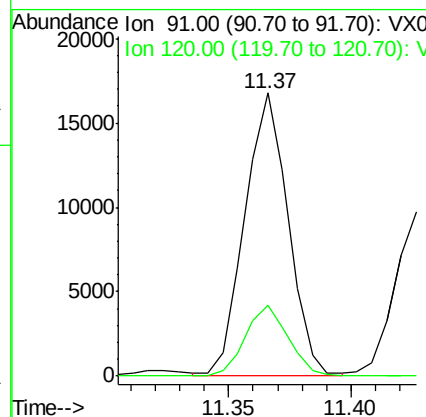
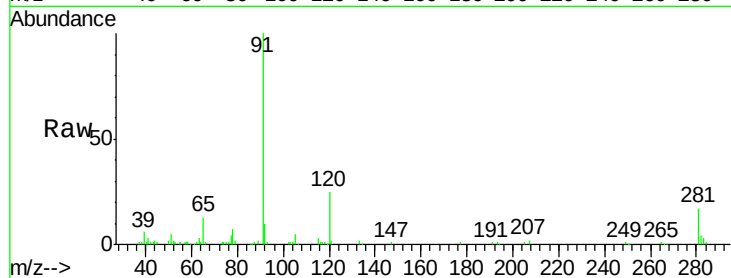
120 24.8 12.6 37.6

Manual Integrations

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#79

2-Chlorotoluene

Concen: 1.12 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000747.D

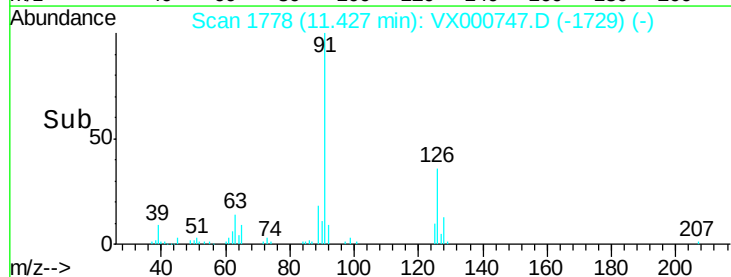
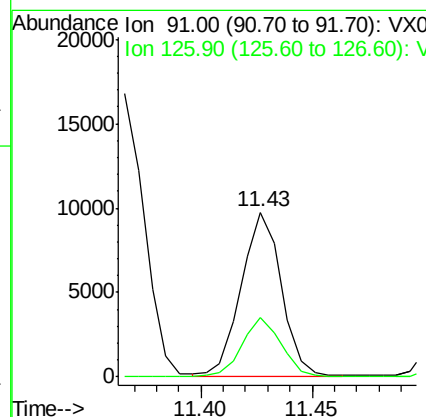
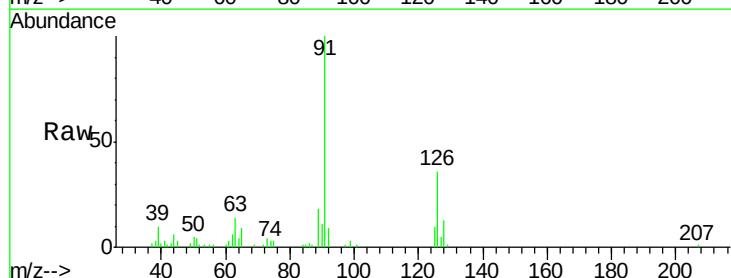
Acq: 10 Apr 2018 12:44

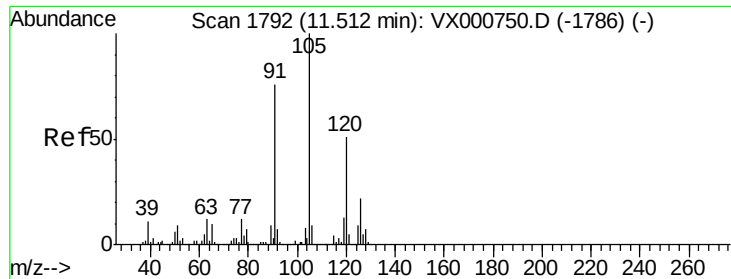
Tgt Ion: 91 Resp: 12449

Ion Ratio Lower Upper

91 100

126 34.4 18.3 54.9





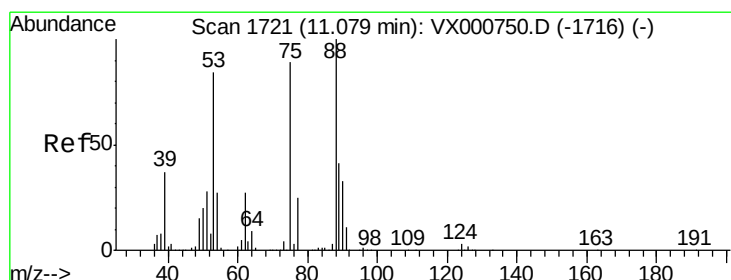
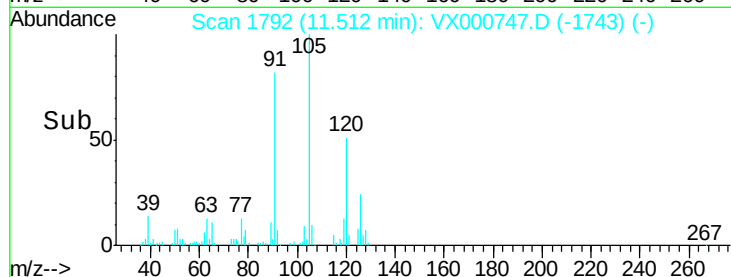
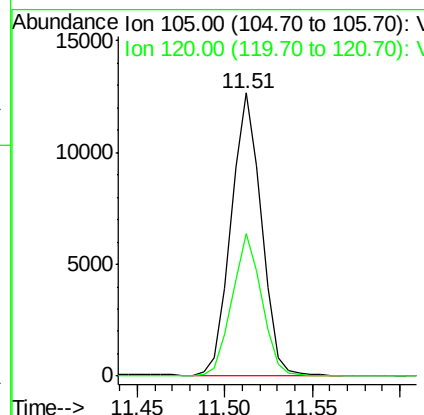
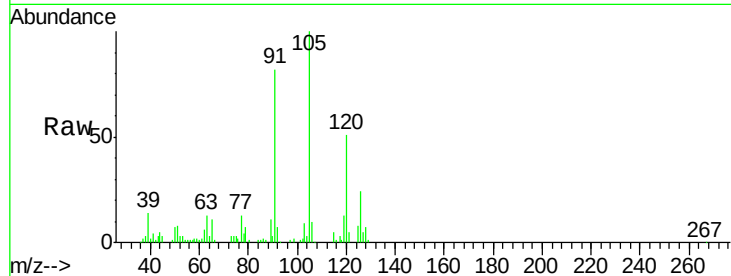
#80
 1,3,5-Trimethylbenzene
 Concen: 1.08 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX000747.D
 Acq: 10 Apr 2018 12:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:105 Resp: 15286
 Ion Ratio Lower Upper
 105 100
 120 49.3 25.0 75.0

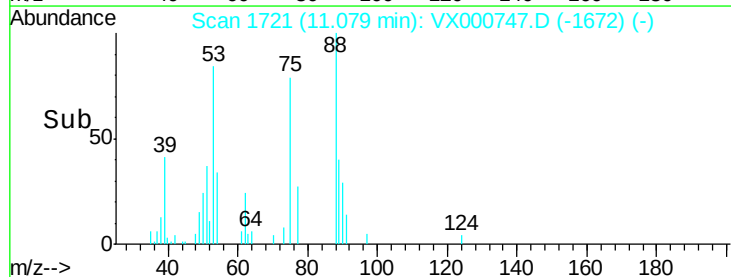
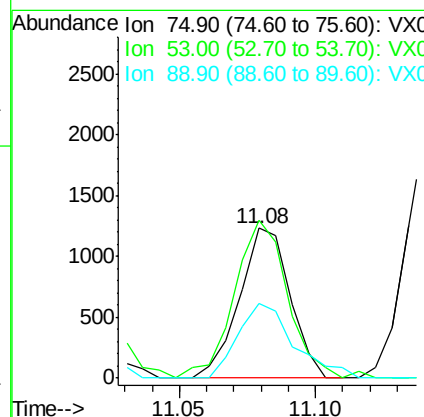
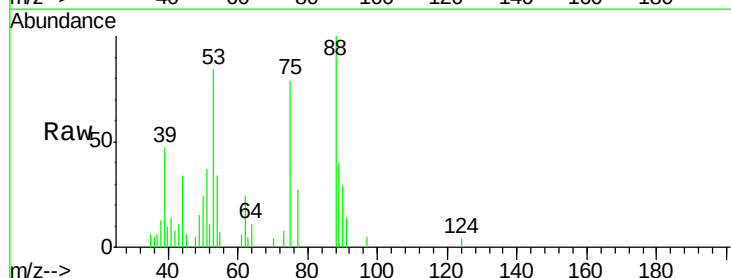
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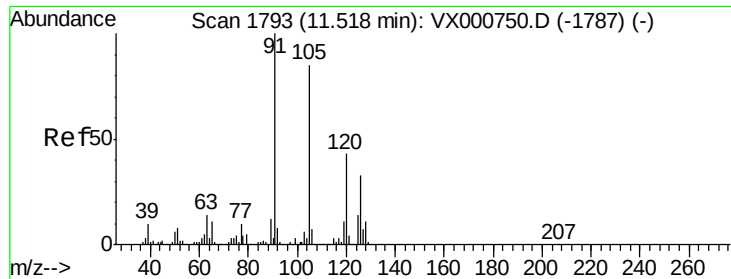
MMDadoda
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 0.96 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: VX000747.D
 Acq: 10 Apr 2018 12:44

Tgt Ion: 75 Resp: 1584
 Ion Ratio Lower Upper
 75 100
 53 112.2 75.4 113.0
 89 55.4 40.9 61.3





#82

4-Chlorotoluene

Concen: 1.12 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 14823

Ion Ratio Lower Upper

91 100

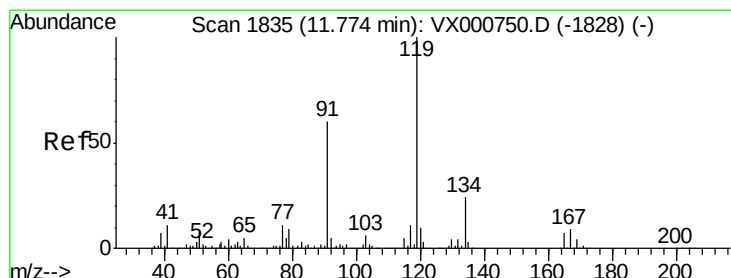
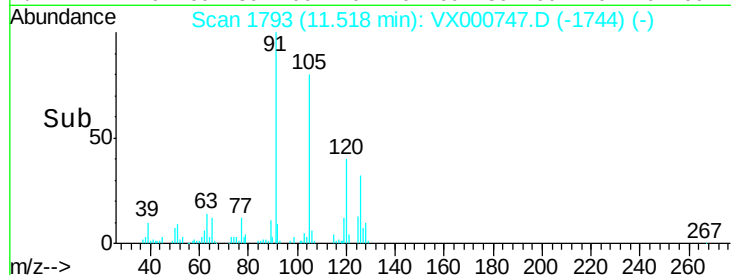
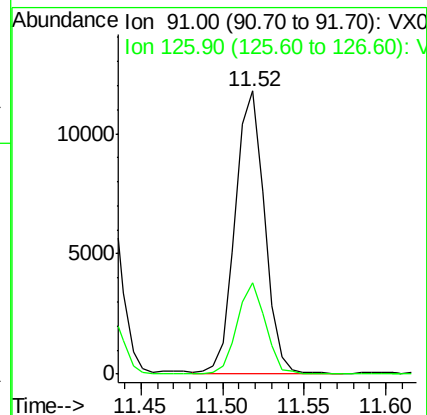
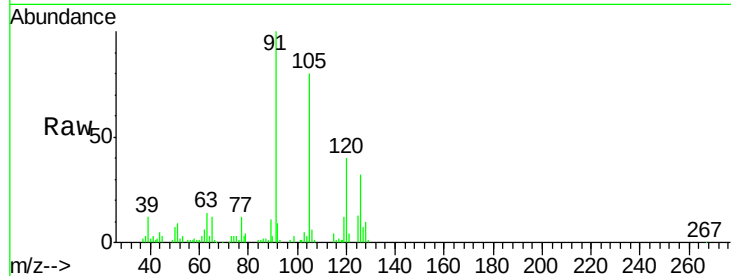
126 30.9 16.2 48.6

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#83

tert-Butylbenzene

Concen: 1.00 ug/l

RT: 11.78 min Scan# 1836

Delta R.T. 0.01 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

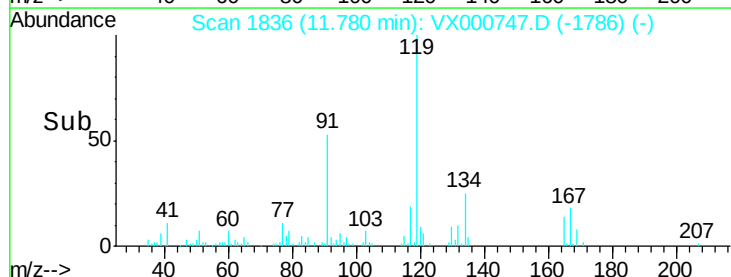
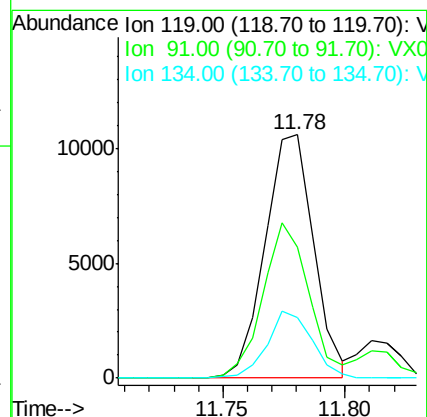
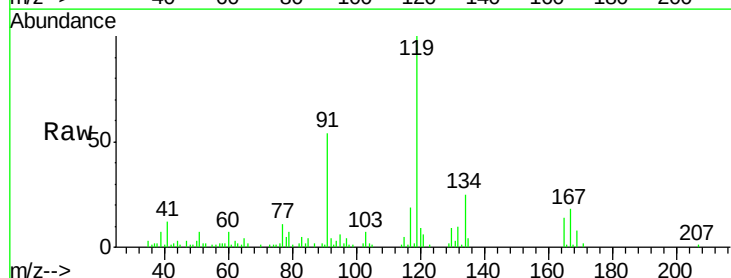
Tgt Ion: 119 Resp: 14636

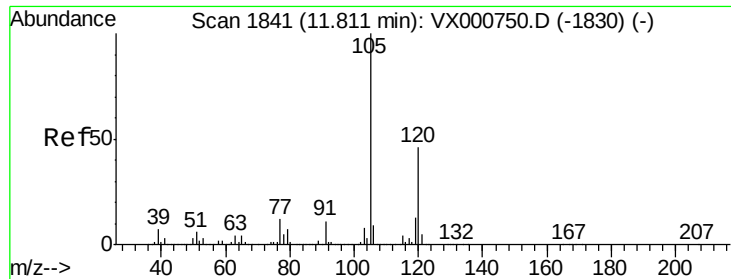
Ion Ratio Lower Upper

119 100

91 60.2 26.8 80.3

134 25.8 11.5 34.4





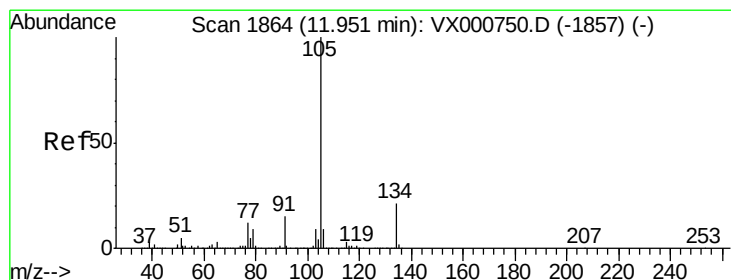
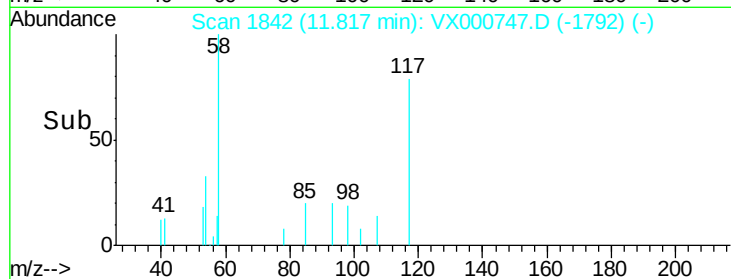
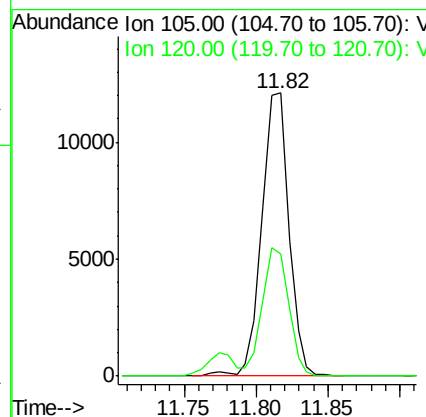
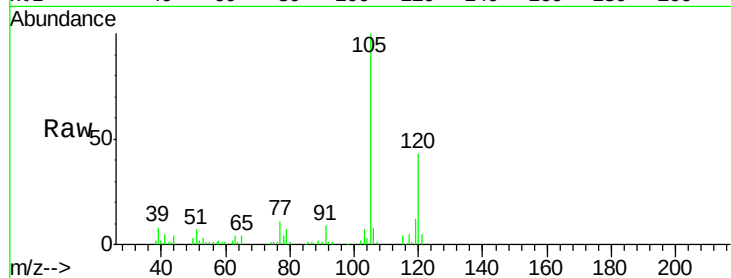
#84
 1,2,4-Trimethylbenzene
 Concen: 1.08 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: VX000747.D
 Acq: 10 Apr 2018 12:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
120	43.7	23.1	69.3

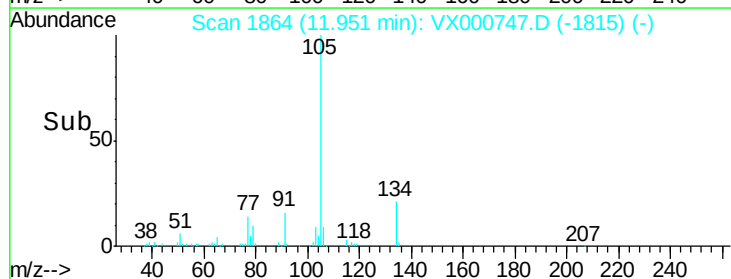
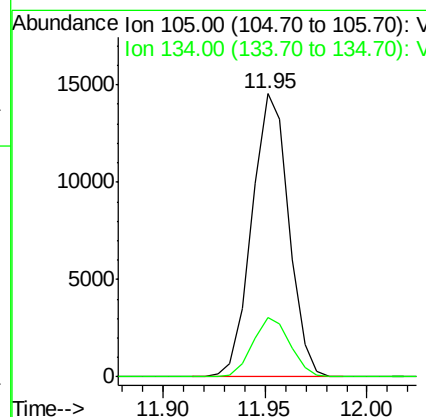
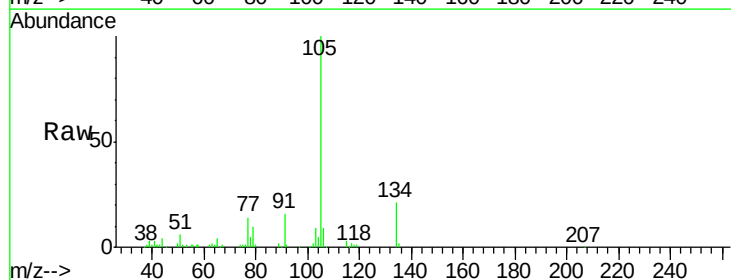
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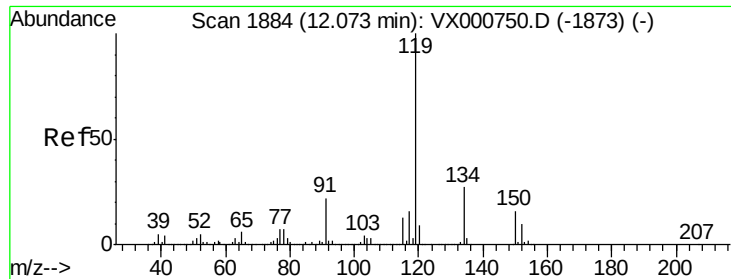
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#85
 sec-Butylbenzene
 Concen: 1.07 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX000747.D
 Acq: 10 Apr 2018 12:44

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.2	10.8	32.4





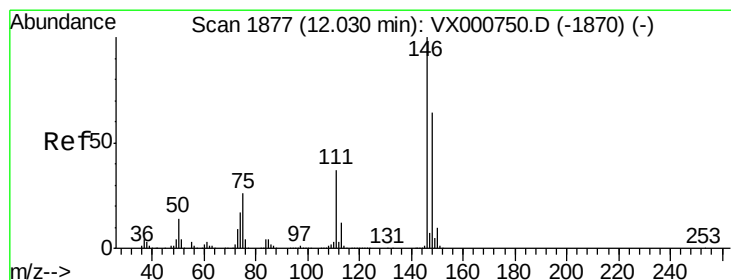
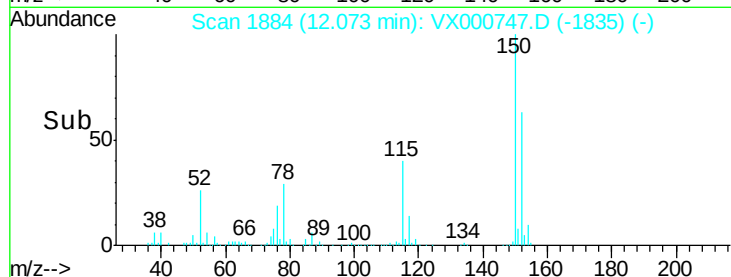
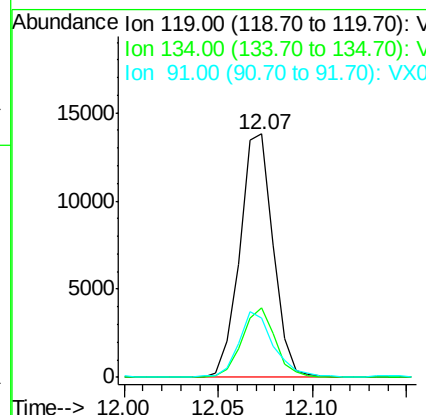
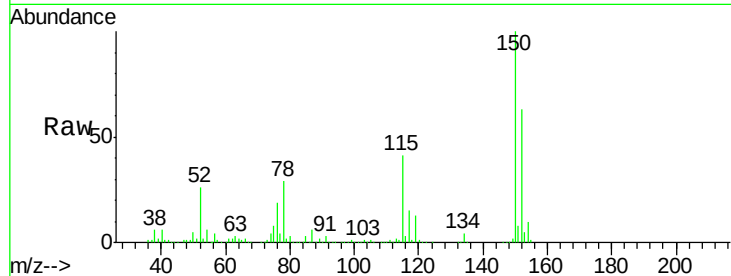
#86
 p-Isopropyltoluene
 Concen: 1.06 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000747.D
 Acq: 10 Apr 2018 12:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
134	28.7	13.6	40.7
91	28.8	11.2	33.5

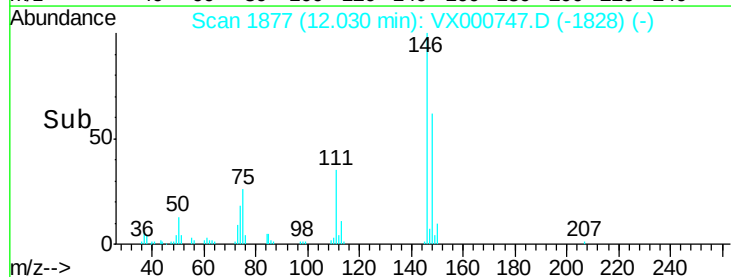
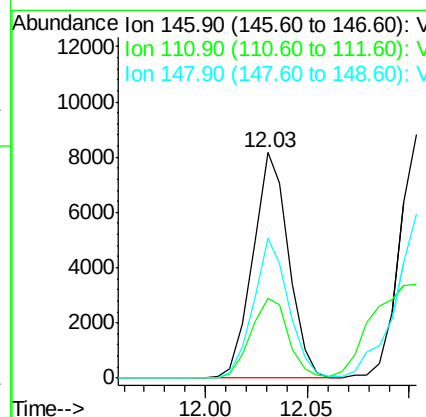
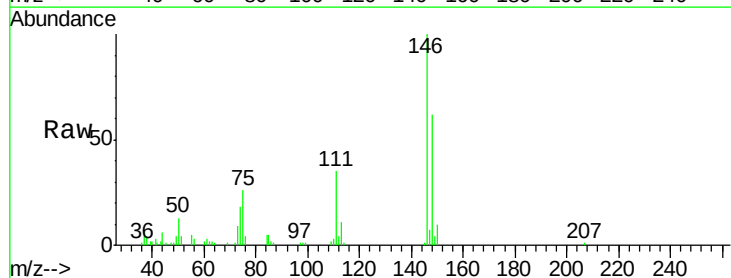
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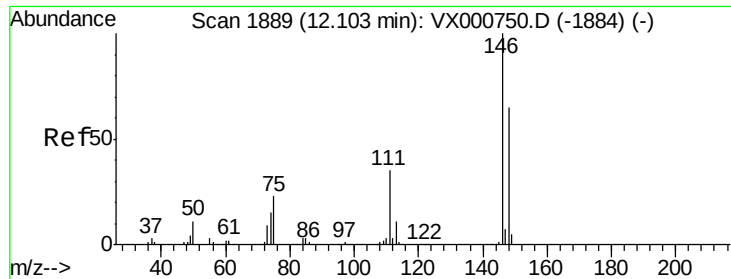
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#87
 1,3-Dichlorobenzene
 Concen: 1.13 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX000747.D
 Acq: 10 Apr 2018 12:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.3	54.8
148	61.0	32.2	96.6





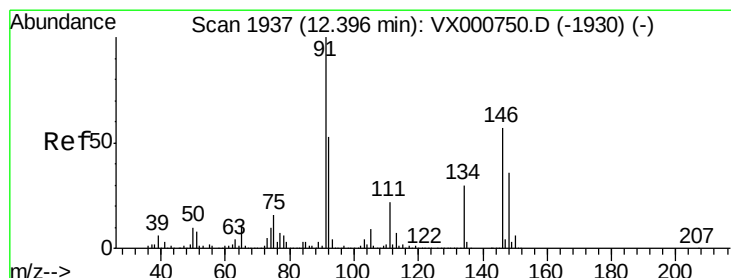
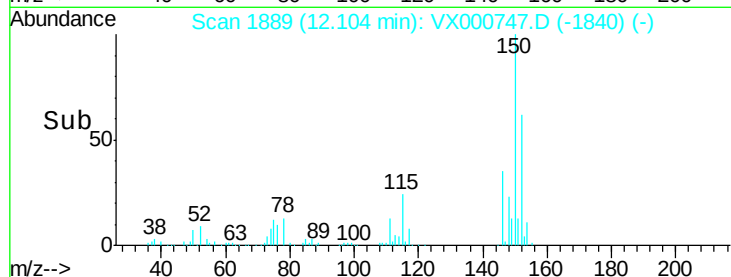
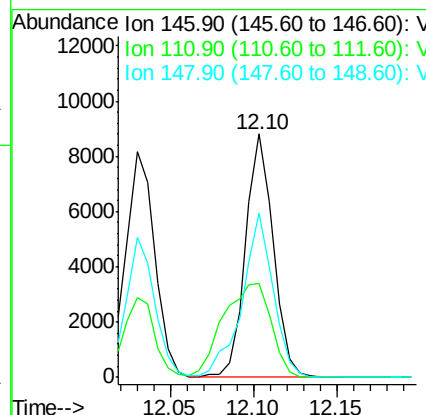
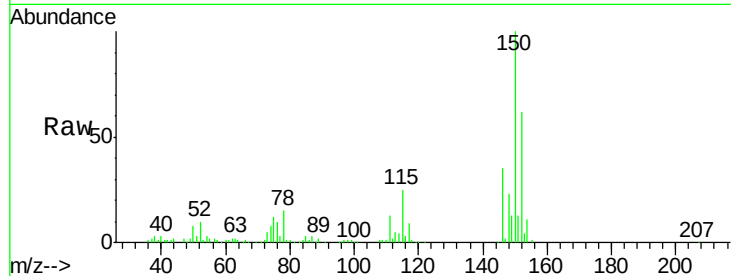
#88
 1,4-Dichlorobenzene
 Concen: 1.15 ug/l m
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX000747.D
 Acq: 10 Apr 2018 12:44

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.8	17.9	53.8
148	58.8	32.6	97.7

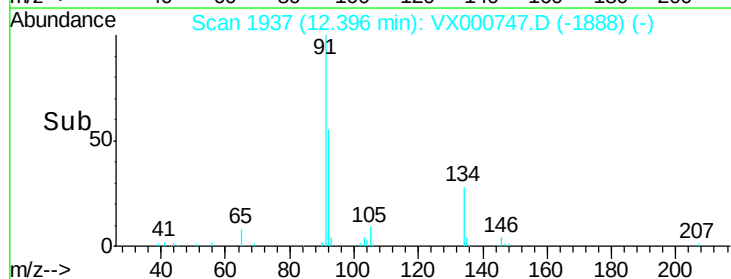
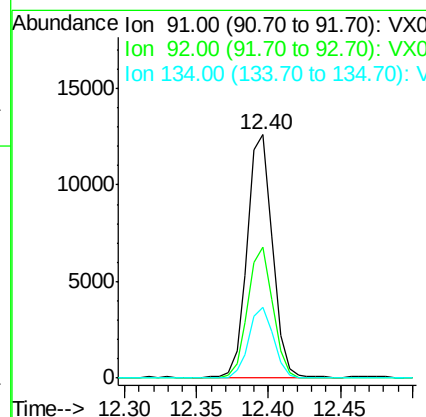
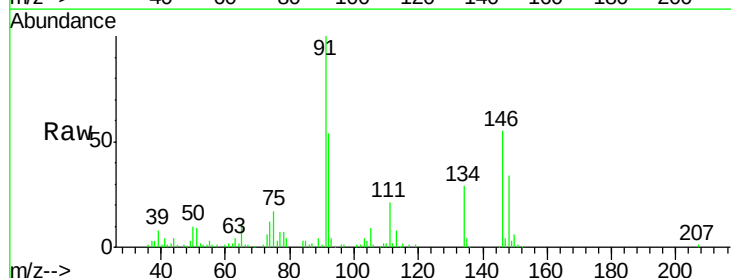
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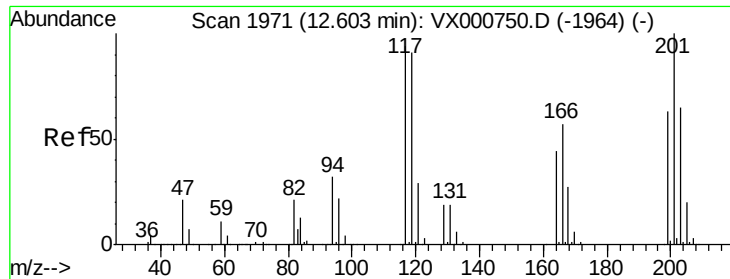
MMDadoda
 4/11/2018 11:20:40 AM



#89
 n-Butylbenzene
 Concen: 1.09 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX000747.D
 Acq: 10 Apr 2018 12:44

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.5	79.5
134	28.4	14.5	43.5





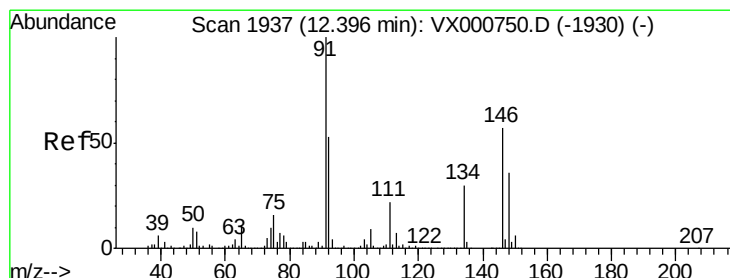
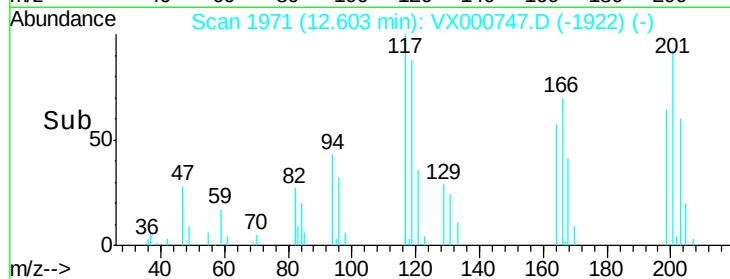
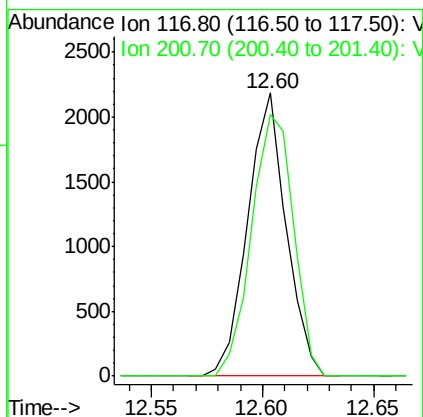
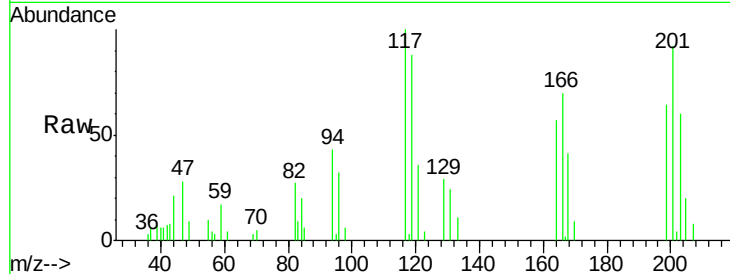
#90
Hexachloroethane
Concen: 0.95 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000747.D
Acq: 10 Apr 2018 12:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:117 Resp: 2646
Ion Ratio Lower Upper
117 100
201 99.9 52.9 158.7

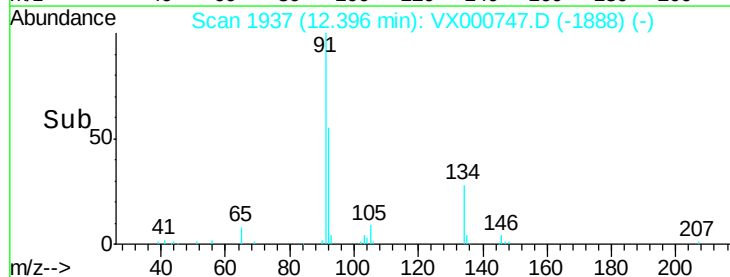
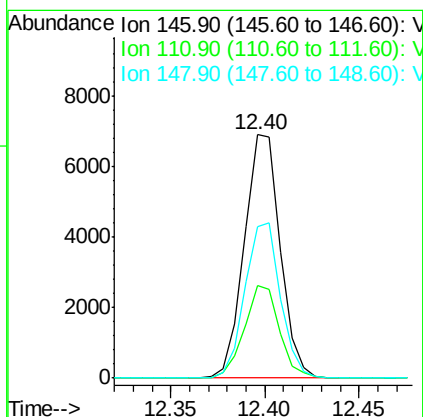
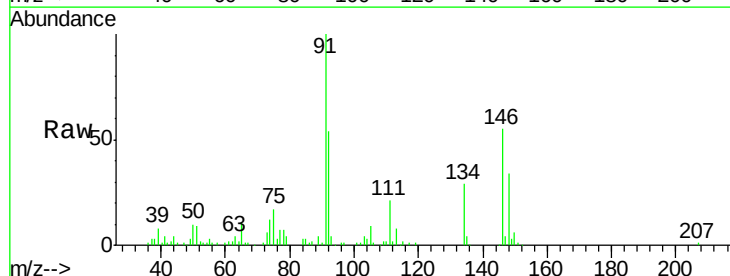
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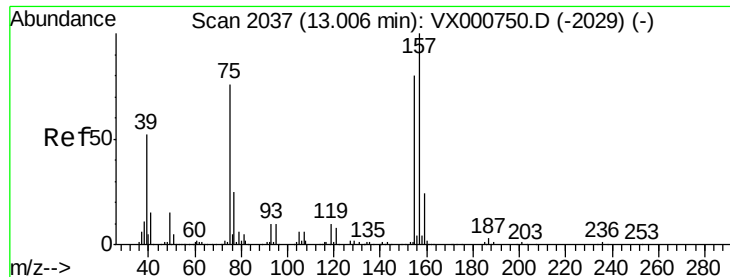
MMDadoda
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#91
1,2-Dichlorobenzene
Concen: 1.06 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000747.D
Acq: 10 Apr 2018 12:44

Tgt Ion:146 Resp: 9110
Ion Ratio Lower Upper
146 100
111 36.9 18.9 56.7
148 62.8 32.0 96.2





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.06 ug/l

RT: 13.01 min Scan# 2038

Delta R.T. 0.01 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 75 Resp: 1260

Ion Ratio Lower Upper

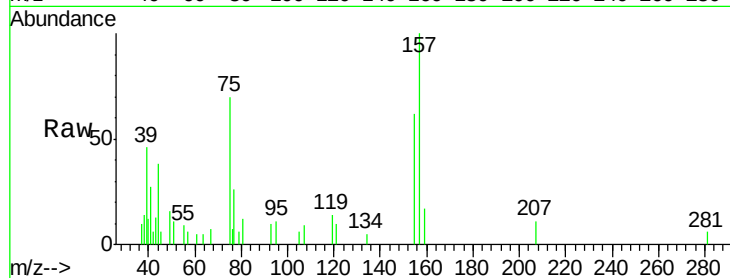
75 100

155 85.1 51.9 155.8

157 121.1 66.6 199.8

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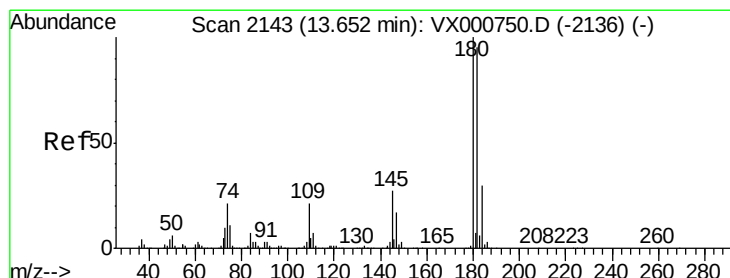
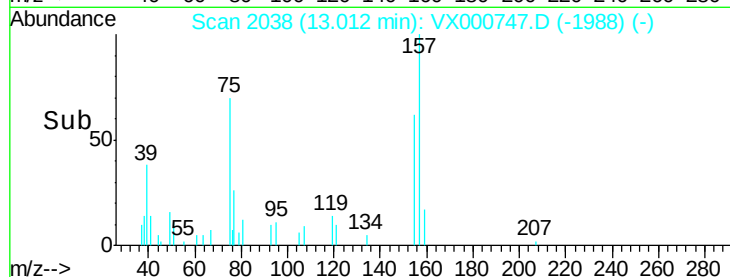
Abundance Ion 74.90 (74.60 to 75.60): VX000750.D (-2029) (-)

Ion 154.80 (154.50 to 155.50): VX000750.D (-2029) (-)

Ion 156.80 (156.50 to 157.50): VX000750.D (-2029) (-)

13.01

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 1.11 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

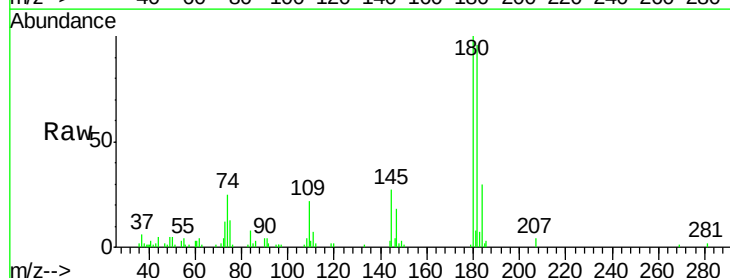
Tgt Ion: 180 Resp: 8118

Ion Ratio Lower Upper

180 100

182 95.9 47.5 142.5

145 29.0 13.8 41.4



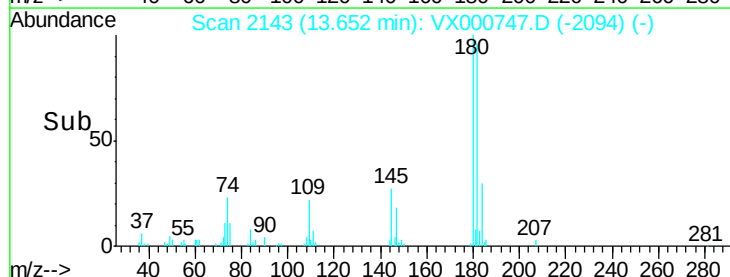
Abundance Ion 179.80 (179.50 to 180.50): VX000750.D (-2136) (-)

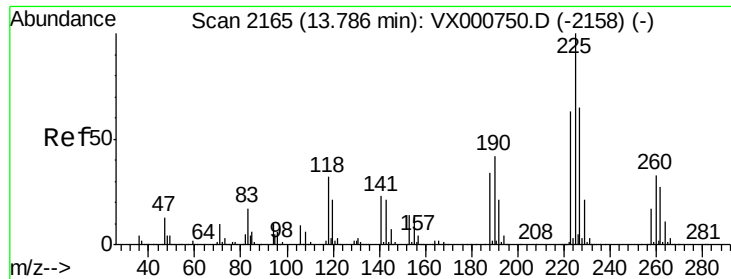
Ion 181.80 (181.50 to 182.50): VX000750.D (-2136) (-)

Ion 144.80 (144.50 to 145.50): VX000750.D (-2136) (-)

13.65

Time-->





#94

Hexachlorobutadiene

Concen: 1.10 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX000747.D

Acq: 10 Apr 2018 12:44

Instrument :

MSVOA_X

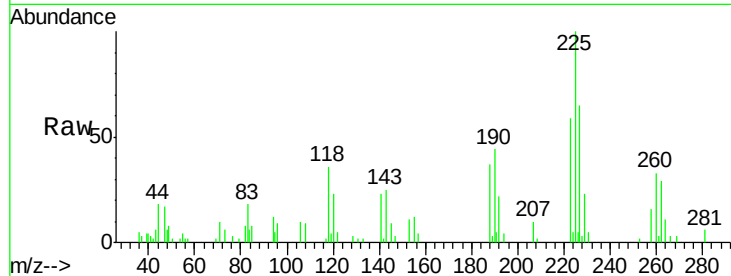
ClientSampleId :

VSTDIC001

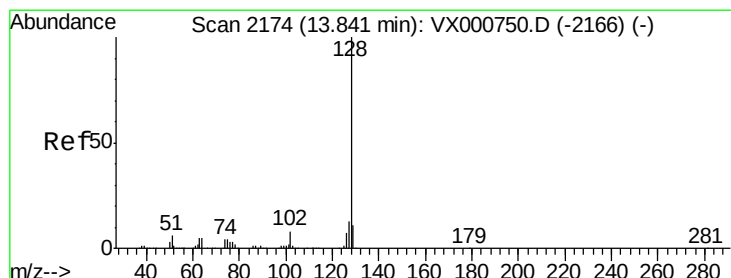
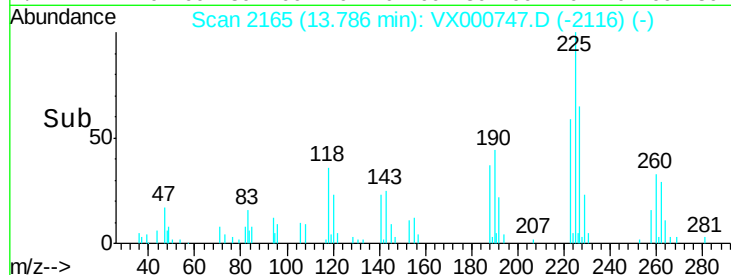
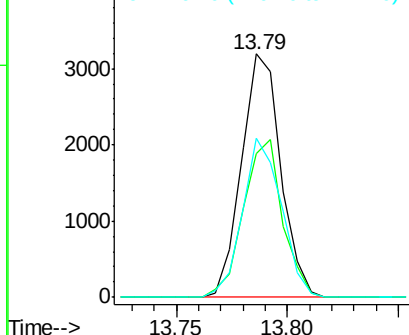
Tot Ion:	225	Resp:	3929
Ion Ratio	Lower	Upper	
225	100		
223	65.0	31.2	93.6
227	64.9	32.3	96.9

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



#95

Naphthalene

Concen: 1.02 ug/l

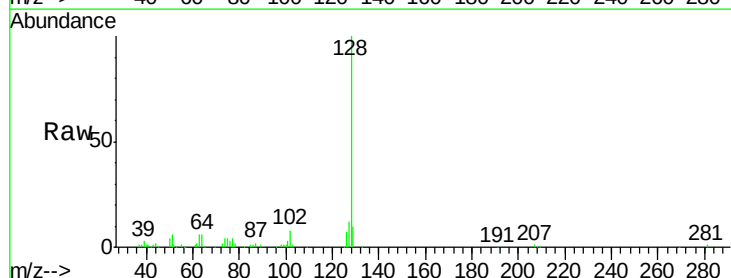
RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

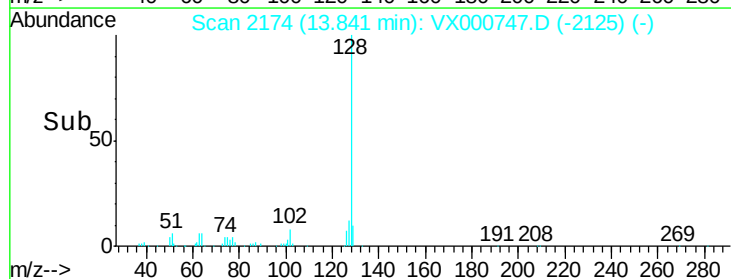
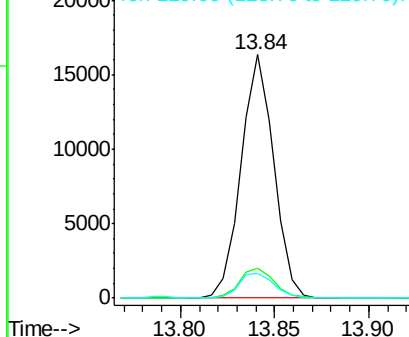
Lab File: VX000747.D

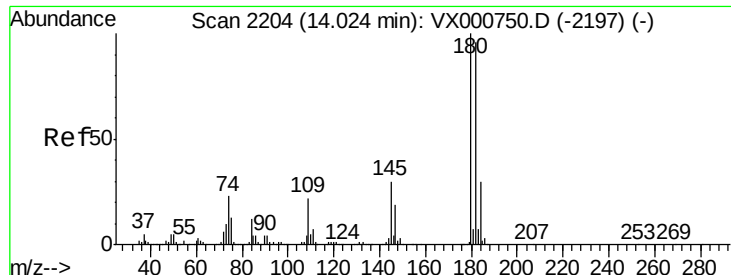
Acq: 10 Apr 2018 12:44

Tgt Ion:	128	Resp:	19592
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	11.1	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 1.07 ug/l
 RT: 14.03 min Scan# 2205
 Delta R.T. 0.01 min
 Lab File: VX000747.D
 Acq: 10 Apr 2018 12:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
180	100	7593		
182	100.5		48.4	145.2
145	29.7		14.6	43.8

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