

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030718\
 Data File : VX000207.D
 Acq On : 07 Mar 2018 12:36
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

apatel
 3/8/2018 10:42:09 AM

Quant Time: Mar 08 00:43:25 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 00:32:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	135984	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.87	114	219985	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	212831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	118044	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	9432	5.43	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	10.86%	
35) Dibromofluoromethane	5.51	113	7373	5.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.58%	
50) Toluene-d8	8.72	98	28872	5.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.34%	
62) 4-Bromofluorobenzene	11.15	95	10847	4.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	7668	5.46	ug/l	95
3) Chloromethane	1.32	50	7867	5.72	ug/l	97
4) Vinyl Chloride	1.41	62	9094	5.89	ug/l	97
5) Bromomethane	1.64	94	13143	8.62	ug/l	98
6) Chloroethane	1.72	64	5798	5.54	ug/l #	85
7) Trichlorofluoromethane	1.93	101	14784	5.34	ug/l	97
8) Diethyl Ether	2.19	74	5278	5.52	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	8423	5.47	ug/l	99
10) Methyl Iodide	2.51	142	4676	2.86	ug/l	98
11) Tert butyl alcohol	3.07	59	18228	27.59	ug/l	97
12) 1,1-Dichloroethene	2.38	96	7734	5.40	ug/l	89
13) Acrolein	2.30	56	8455	26.04	ug/l	97
14) Allyl chloride	2.73	41	13456	5.56	ug/l	100
15) Acrylonitrile	3.15	53	29943	26.35	ug/l	97
16) Acetone	2.45	43	34157	29.90	ug/l	95
17) Carbon Disulfide	2.57	76	19702	4.68	ug/l	98
18) Methyl Acetate	2.78	43	14214	5.39	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	25093	5.09	ug/l	98
20) Methylene Chloride	2.87	84	8120	5.09	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	7856	5.04	ug/l	90
22) Diisopropyl ether	3.88	45	23837	5.71	ug/l	96
23) Vinyl Acetate	3.83	43	115665	29.40	ug/l	98
24) 1,1-Dichloroethane	3.70	63	14220	5.54	ug/l	93
25) 2-Butanone	4.71	43	41625	26.65	ug/l	100
26) 2,2-Dichloropropane	4.60	77	10367	4.85	ug/l	96
27) cis-1,2-Dichloroethene	4.61	96	7564	5.14	ug/l	97
28) Bromochloromethane	5.03	49	6676	5.93	ug/l	88
29) Tetrahydrofuran	5.17	42	25317	25.01	ug/l	98
30) Chloroform	5.22	83	13501	5.15	ug/l	97
31) Cyclohexane	5.59	56	10851	5.06	ug/l	92
32) 1,1,1-Trichloroethane	5.51	97	11645	4.85	ug/l	98
36) 1,1-Dichloropropene	5.81	75	10618	5.37	ug/l	98
37) Ethyl Acetate	4.87	43	13874	5.08	ug/l	98
38) Carbon Tetrachloride	5.79	117	9650	4.57	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	12983	5.44	ug/l	98
40) Benzene	6.15	78	29018	5.13	ug/l	100
41) Methacrylonitrile	5.07	41	7367	5.17	ug/l	94
42) 1,2-Dichloroethane	6.21	62	11811	5.63	ug/l	99
43) Isopropyl Acetate	6.48	43	20704	5.24	ug/l	99
44) Trichloroethene	7.22	130	8600	5.19	ug/l	96
45) 1,2-Dichloropropane	7.52	63	7729	5.54	ug/l	100
46) Dibromomethane	7.67	93	5624	5.17	ug/l	98
47) Bromodichloromethane	7.91	83	9807	4.89	ug/l	99
48) Methyl methacrylate	7.79	41	10386	5.38	ug/l	94
49) 1,4-Dioxane	7.77	88	4713	94.94	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	76541	26.25	ug/l	99
52) Toluene	8.79	92	19400	5.09	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	11448	4.86	ug/l	93
54) cis-1,3-Dichloropropene	9.05	75	10438	4.46	ug/l	94
55) 1,1,2-Trichloroethane	9.23	97	7909	5.05	ug/l	93
56) Ethyl methacrylate	9.19	69	11084	4.60	ug/l	93
57) 1,3-Dichloropropane	9.38	76	13503	5.41	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	28584	23.50	ug/l	100
59) 2-Hexanone	9.51	43	63703	25.76	ug/l	100
60) Dibromochloromethane	9.59	129	7186	4.09	ug/l	94
61) 1,2-Dibromoethane	9.68	107	8555	4.91	ug/l	95
64) Tetrachloroethene	9.34	164	8552	5.61	ug/l	96
65) Chlorobenzene	10.15	112	22153	4.95	ug/l	92
66) 1,1,1,2-Tetrachloroethane	10.23	131	7081	4.57	ug/l	96
67) Ethyl Benzene	10.26	91	40404	5.36	ug/l	94
68) m/p-Xylenes	10.37	106	29792	9.97	ug/l	94
69) o-Xylene	10.71	106	14555	5.07	ug/l	98
70) Styrene	10.72	104	22869	4.86	ug/l	97
71) Bromoform	10.87	173	5887	4.21	ug/l #	94
73) Isopropylbenzene	11.02	105	39642	5.33	ug/l	97
74) N-amyl acetate	6.48	43	20704	5.53	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	13989	5.39	ug/l	97
76) 1,2,3-Trichloropropane	11.30	75	12745m	5.26	ug/l	
77) Bromobenzene	11.26	156	9660	4.85	ug/l	93
78) n-propylbenzene	11.37	91	47407	5.40	ug/l	98
79) 2-Chlorotoluene	11.43	91	26960	5.39	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	32444	5.16	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.09	75	3504	4.17	ug/l #	79
82) 4-Chlorotoluene	11.52	91	32398	5.31	ug/l	100
83) tert-Butylbenzene	11.78	119	31546	4.97	ug/l	96
84) 1,2,4-Trimethylbenzene	11.82	105	33723	5.16	ug/l	98
85) sec-Butylbenzene	11.96	105	41190	5.21	ug/l	97
86) p-Isopropyltoluene	12.07	119	35719	5.07	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	19298	5.00	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	19813	4.97	ug/l	93
89) n-Butylbenzene	12.40	91	34950	5.23	ug/l	98
90) Hexachloroethane	12.60	117	5450	4.79	ug/l	92
91) 1,2-Dichlorobenzene	12.40	146	18629	4.90	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.01	75	3856	5.36	ug/l	85

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MSVOA_X
ClientSampleId :
VSTDICC005

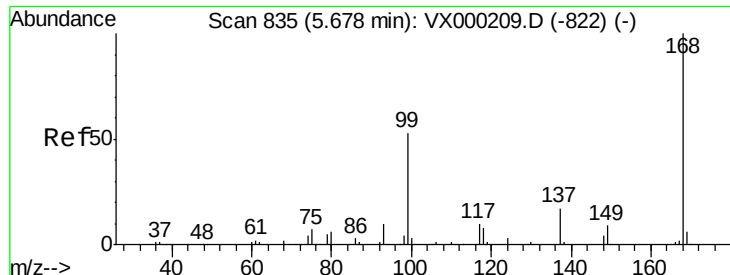
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	14038	4.98	ug/l	99
94) Hexachlorobutadiene	13.79	225	6055	4.99	ug/l	97
95) Naphthalene	13.84	128	45359	4.71	ug/l	98
96) 1,2,3-Trichlorobenzene	14.03	180	13716	4.93	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX000207.D

Acq: 07 Mar 2018 12:36

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

Tot Ion:168 Resp: 135984

Ion Ratio Lower Upper

168 100

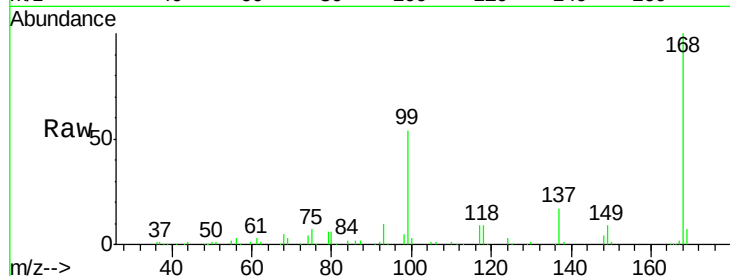
99 54.1 42.8 64.2

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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

40000

30000

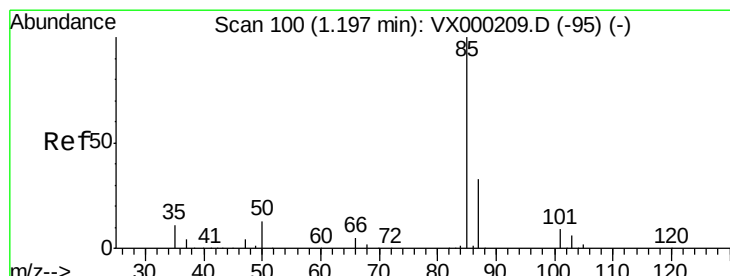
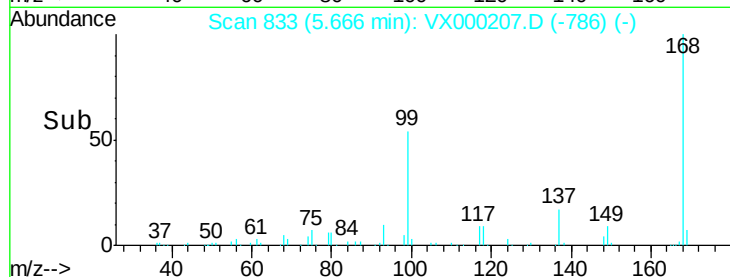
20000

10000

0

Time-->

5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 5.46 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000207.D

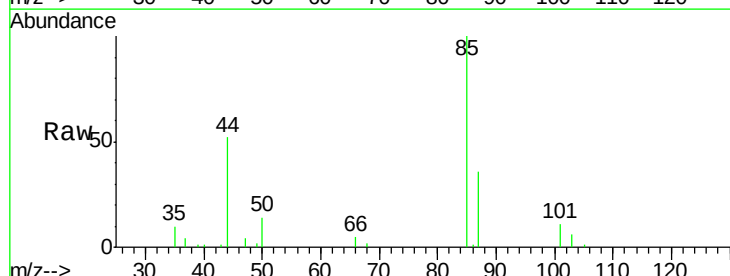
Acq: 07 Mar 2018 12:36

Tgt Ion: 85 Resp: 7668

Ion Ratio Lower Upper

85 100

87 36.2 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

8000

6000

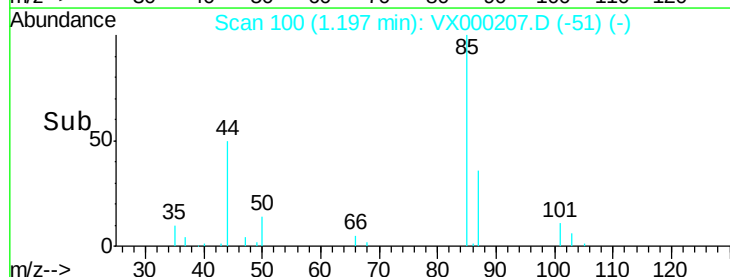
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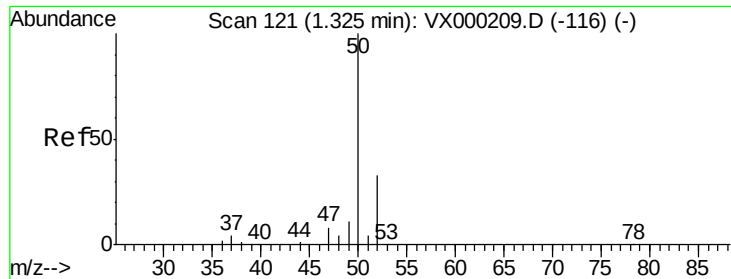
2000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 5.72 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000207.D

Acq: 07 Mar 2018 12:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 7867

Ion Ratio Lower Upper

50 100

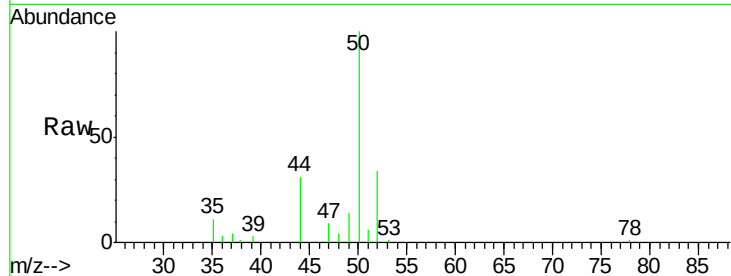
52 34.2 26.2 39.2

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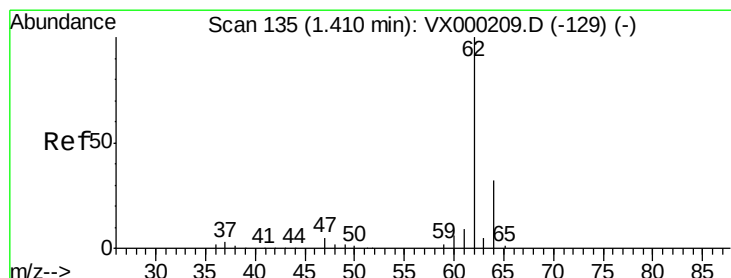
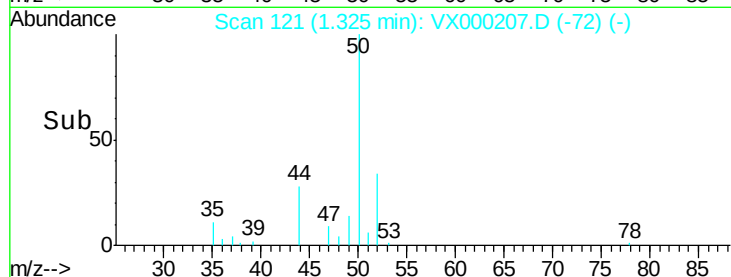
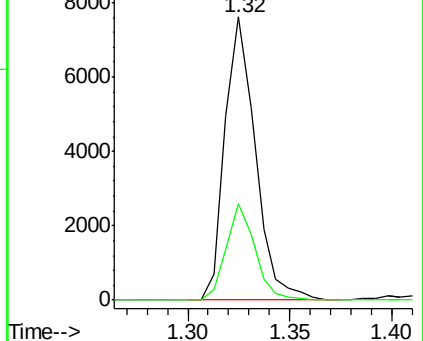
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 5.89 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000207.D

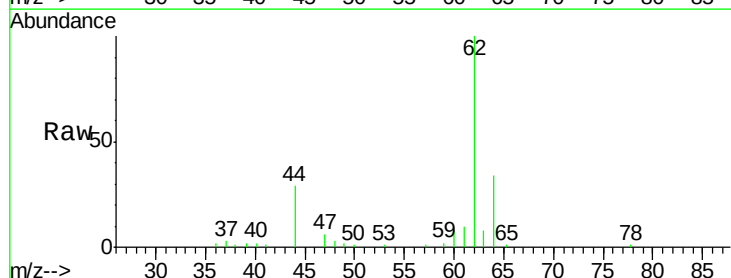
Acq: 07 Mar 2018 12:36

Tgt Ion: 62 Resp: 9094

Ion Ratio Lower Upper

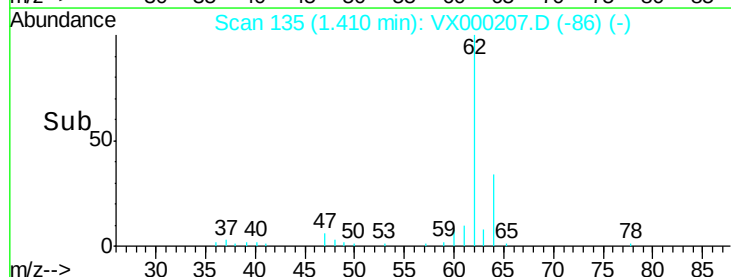
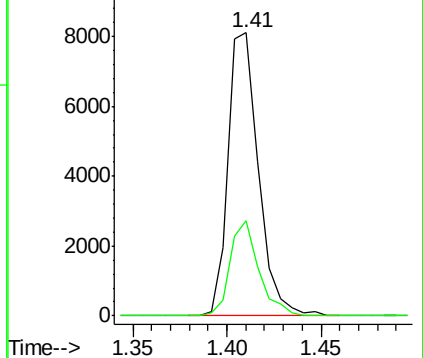
62 100

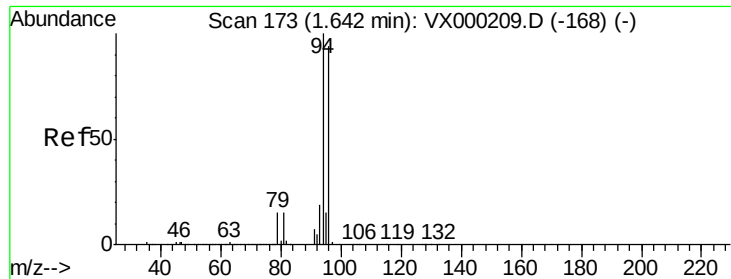
64 33.8 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 8.62 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000207.D

Acq: 07 Mar 2018 12:36

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

Tot Ion: 94 Resp: 13143

Ion Ratio Lower Upper

94 100

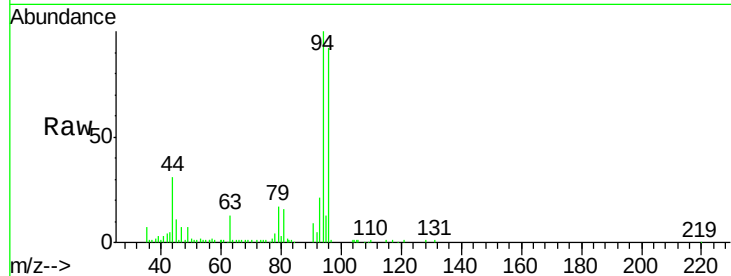
96 92.3 75.3 112.9

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

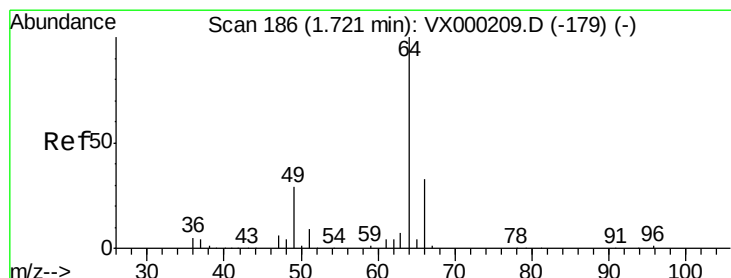
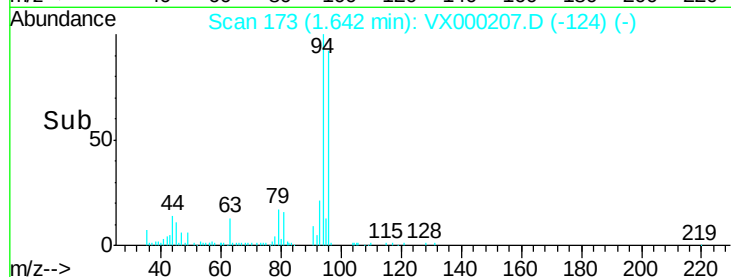
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 5.54 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX000207.D

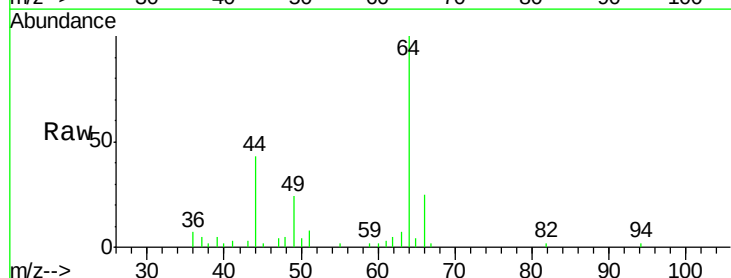
Acq: 07 Mar 2018 12:36

Tgt Ion: 64 Resp: 5798

Ion Ratio Lower Upper

64 100

66 24.2 26.2 39.4#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

5000

4000

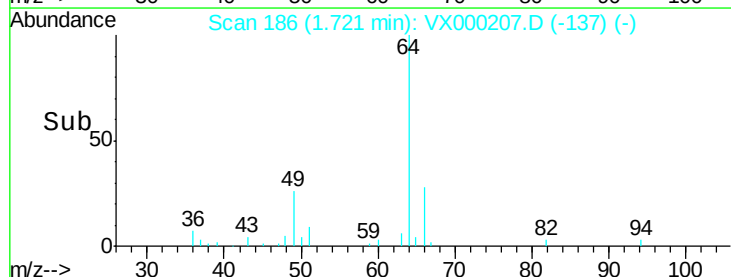
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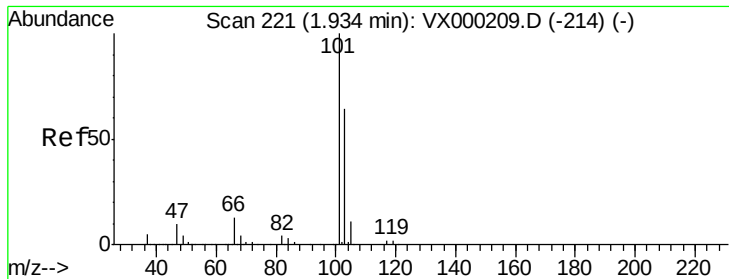
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1000

0

Time-->





#7

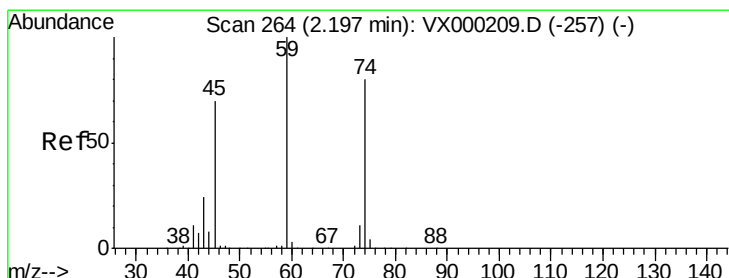
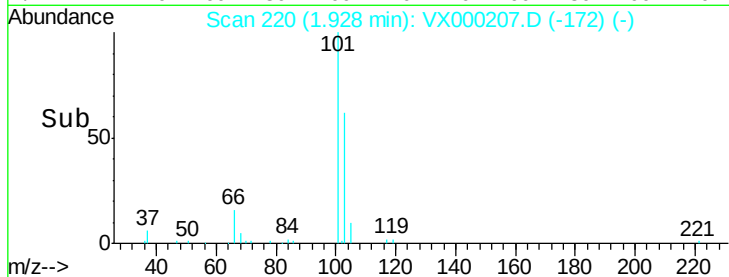
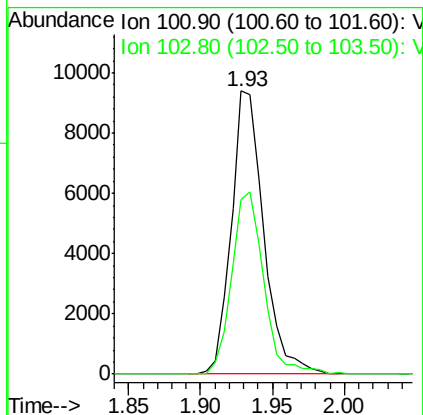
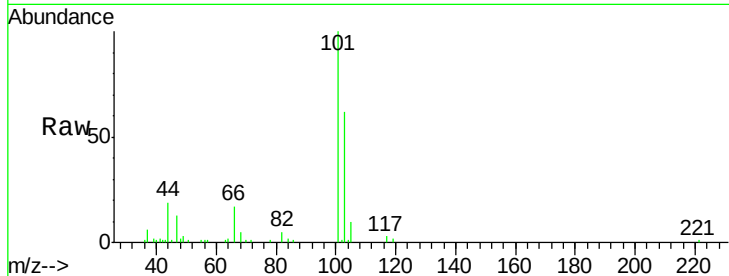
Trichlorofluoromethane
 Concen: 5.34 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VX000207.D
 Acq: 07 Mar 2018 12:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.5	51.2	76.8

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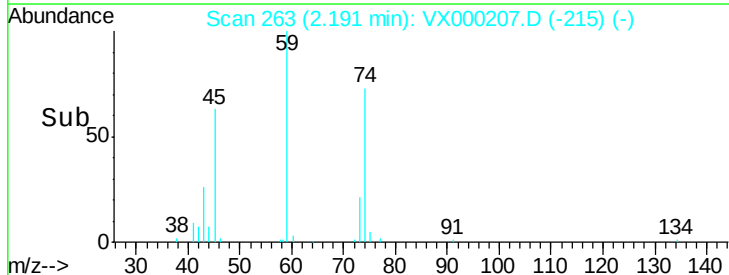
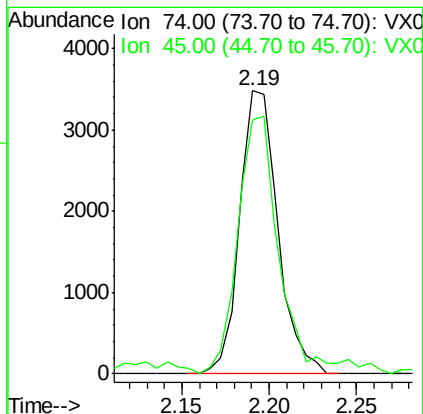
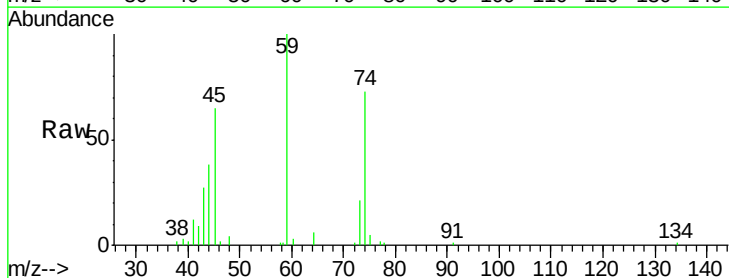
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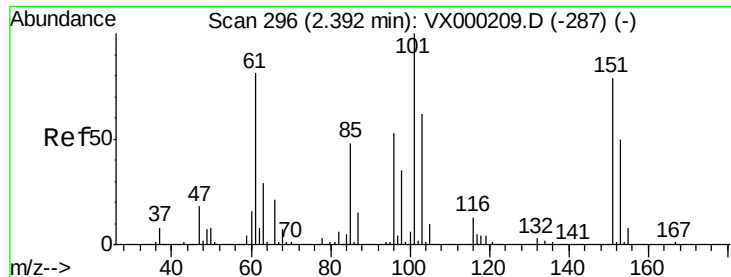


#8

Diethyl Ether
 Concen: 5.52 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.01 min
 Lab File: VX000207.D
 Acq: 07 Mar 2018 12:36

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.6	47.2	141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.47 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000207.D

Acq: 07 Mar 2018 12:36

Instrument :

MSVOA_X

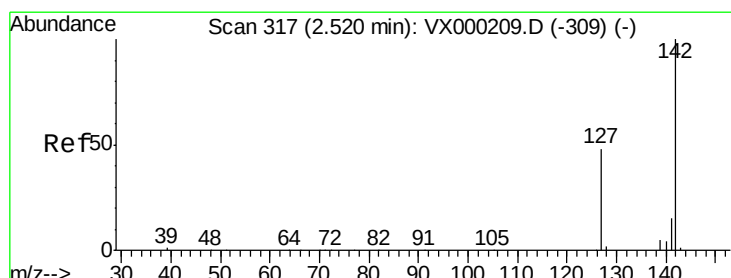
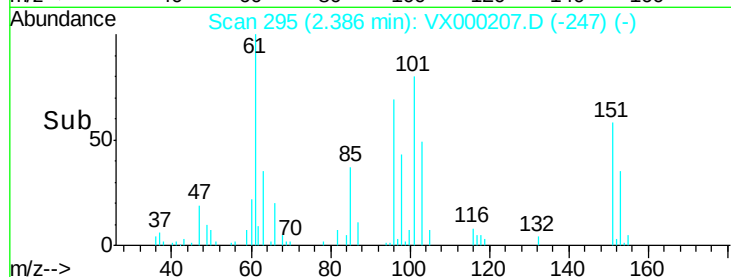
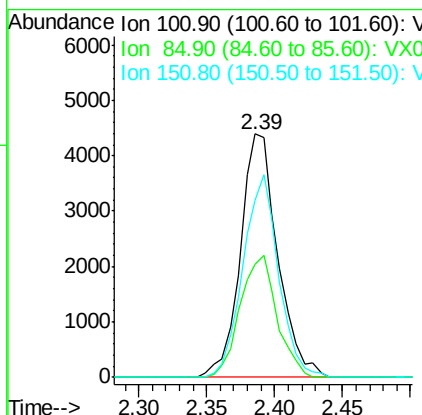
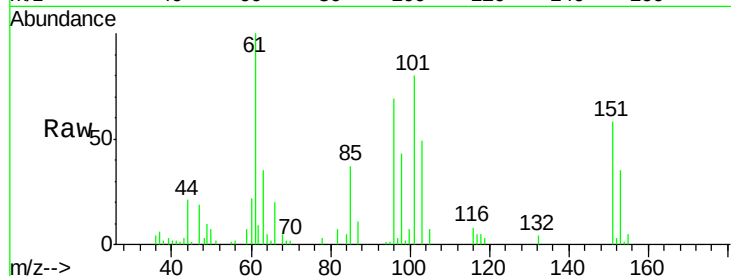
ClientSampled :

VSTDIC005

Tot Ion:	101	Resp:	8423
Ion Ratio	Lower	Upper	
101	100		
85	49.5	38.3	57.5
151	79.2	62.8	94.2

Manual Integrations
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#10

Methyl Iodide

Concen: 2.86 ug/l

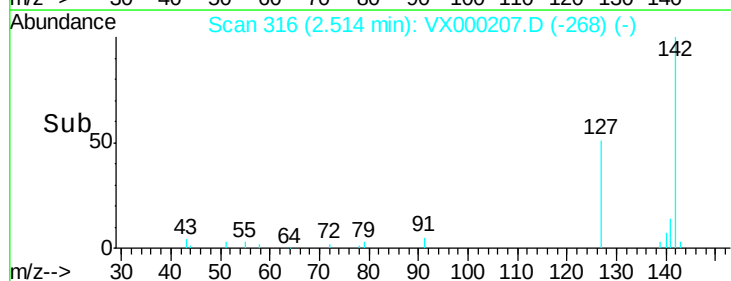
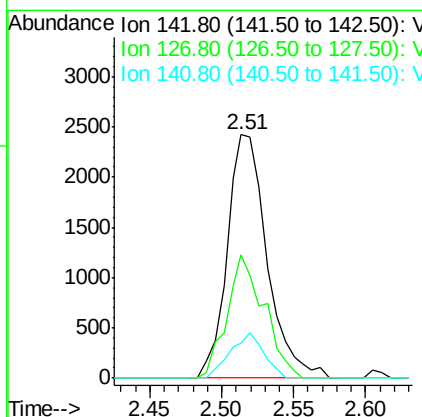
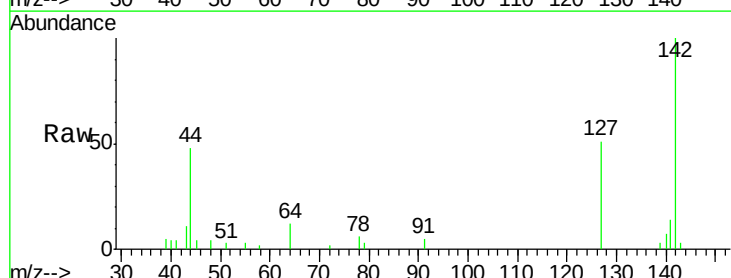
RT: 2.51 min Scan# 316

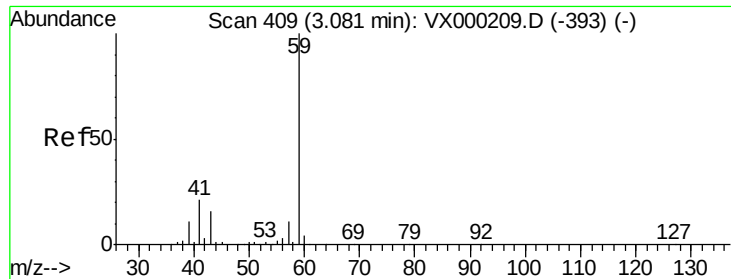
Delta R.T. -0.01 min

Lab File: VX000207.D

Acq: 07 Mar 2018 12:36

Tgt Ion:	142	Resp:	4676
Ion Ratio	Lower	Upper	
142	100		
127	47.2	39.0	58.6
141	15.5	11.6	17.4





#11

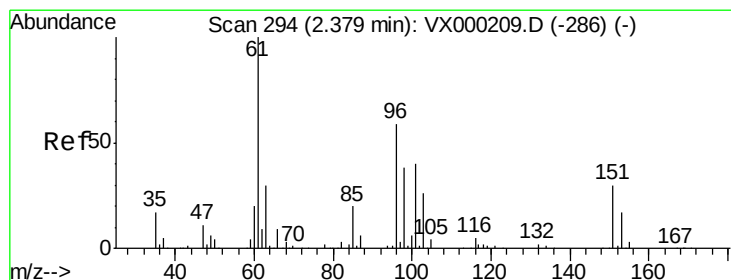
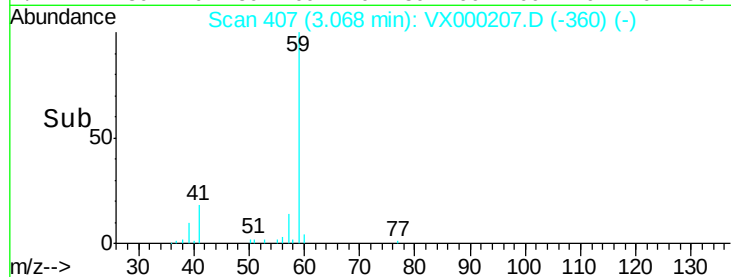
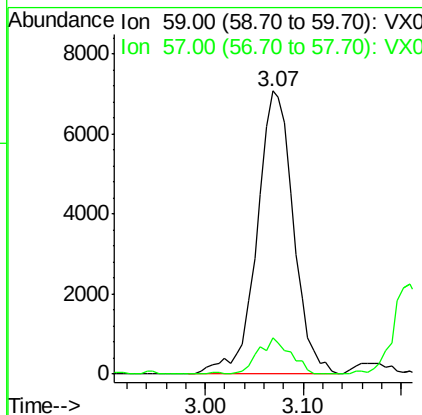
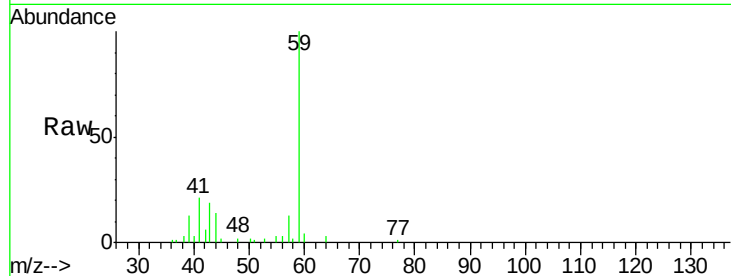
Tert butyl alcohol
 Concen: 27.59 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX000207.D
 Acq: 07 Mar 2018 12:36

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

Tot Ion: 59 Resp: 18228
 Ion Ratio Lower Upper
 59 100
 57 11.5 8.4 12.6

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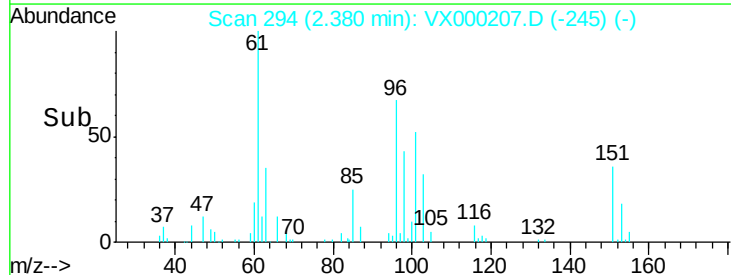
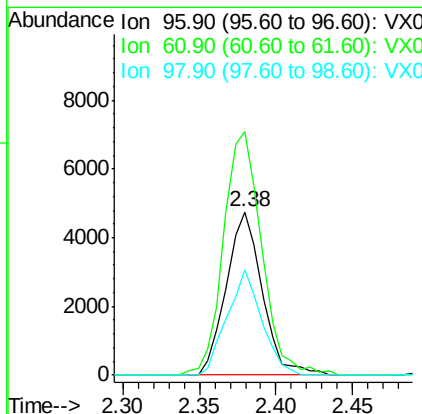
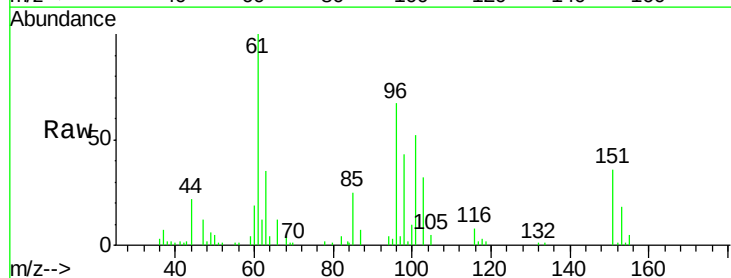
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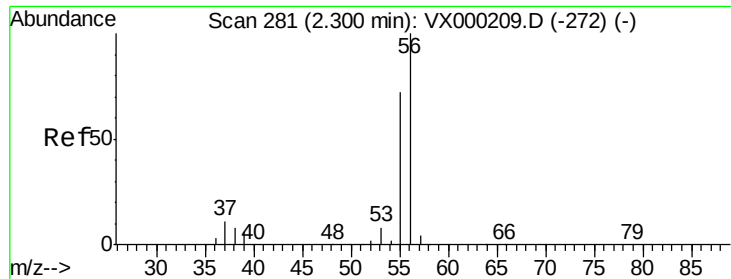


#12

1,1-Dichloroethene
 Concen: 5.40 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: VX000207.D
 Acq: 07 Mar 2018 12:36

Tgt Ion: 96 Resp: 7734
 Ion Ratio Lower Upper
 96 100
 61 148.9 135.8 203.6
 98 64.4 51.1 76.7





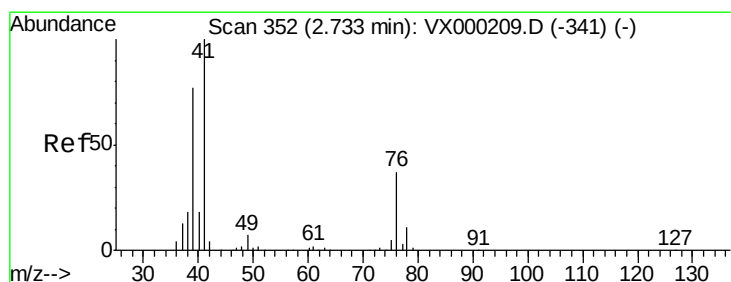
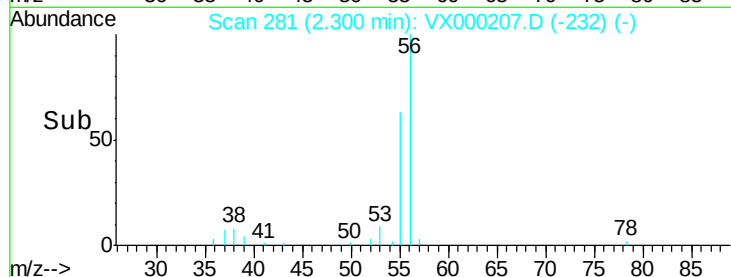
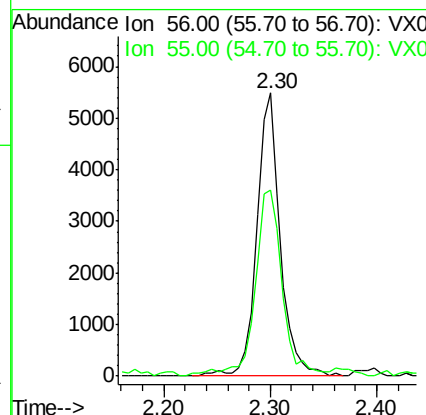
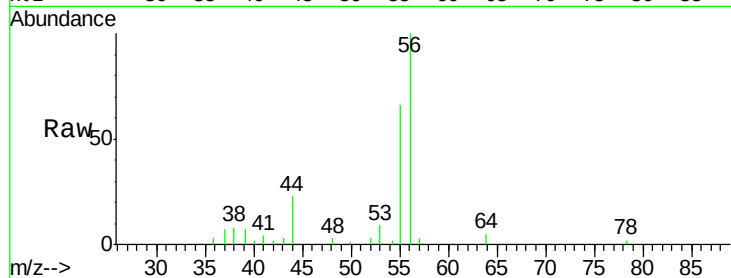
#13
Acrolein
Concen: 26.04 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX000207.D
Acq: 07 Mar 2018 12:36

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	56	Resp	8455
Ion Ratio	100	Lower	Upper
55	76.2	59.2	88.8

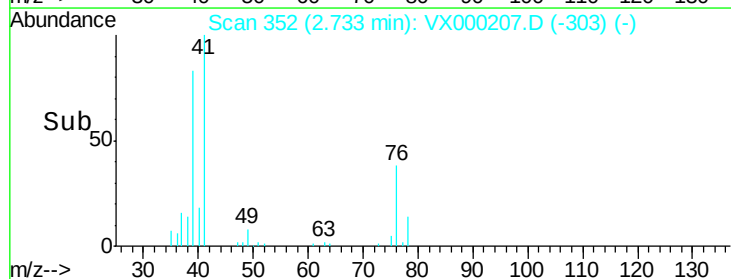
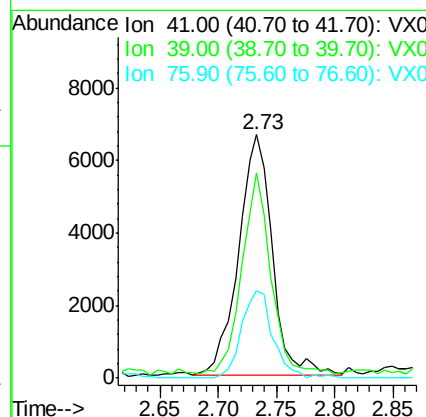
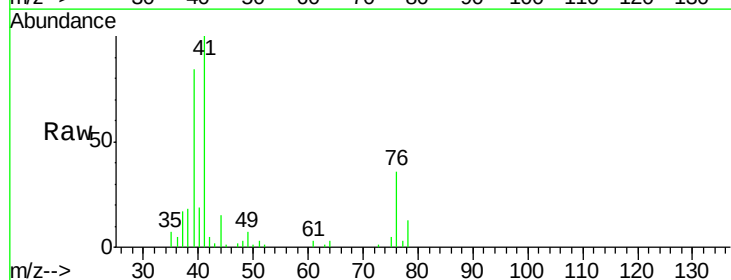
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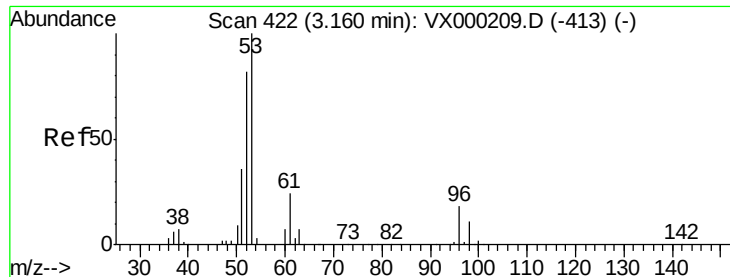
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#14
Allyl chloride
Concen: 5.56 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX000207.D
Acq: 07 Mar 2018 12:36

Tgt Ion	41	Resp	13456
Ion Ratio	100	Lower	Upper
39	71.6	57.0	85.6
76	33.6	26.8	40.2





#15

Acrylonitrile

Concen: 26.35 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000207.D

Acq: 07 Mar 2018 12:36

Instrument :

MSVOA_X

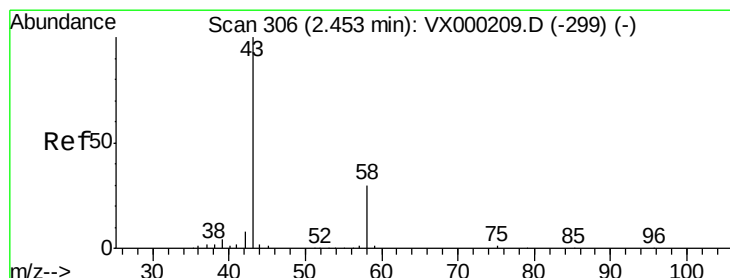
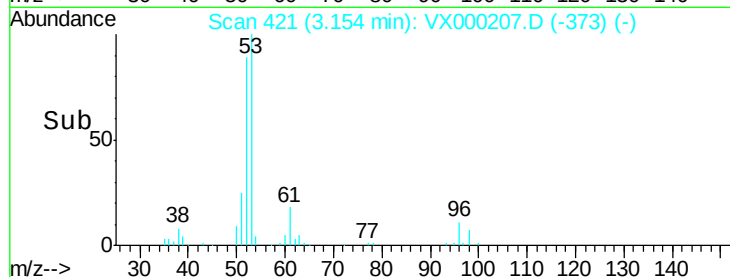
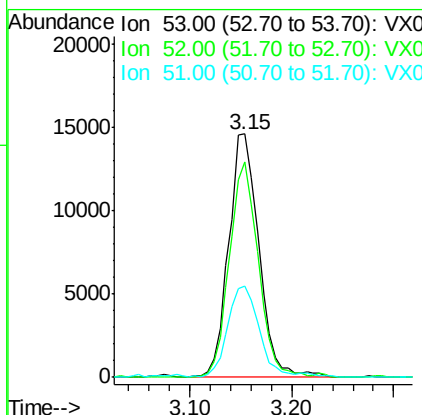
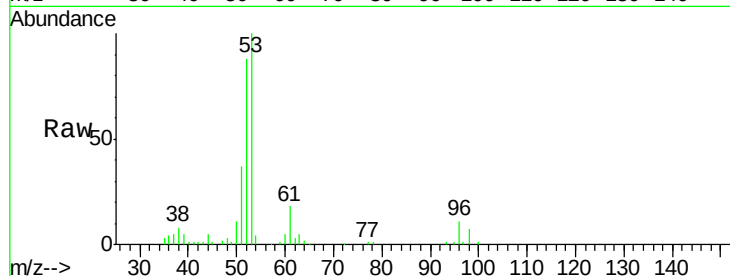
ClientSampleId :

VSTDIC005

Tot Ion:	53	Resp:	29943
Ion	Ratio	Lower	Upper
53	100		
52	84.5	66.3	99.5
51	39.6	29.6	44.4

Manual Integrations
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#16

Acetone

Concen: 29.90 ug/l

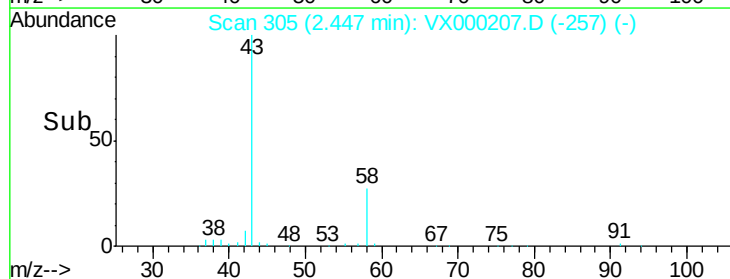
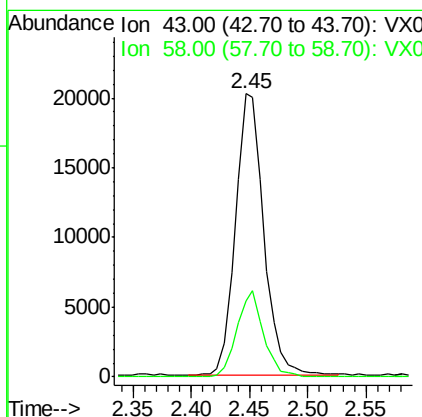
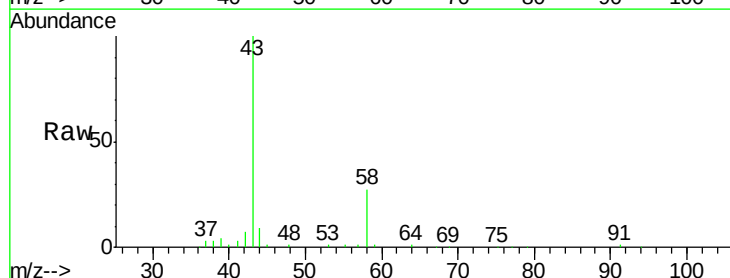
RT: 2.45 min Scan# 305

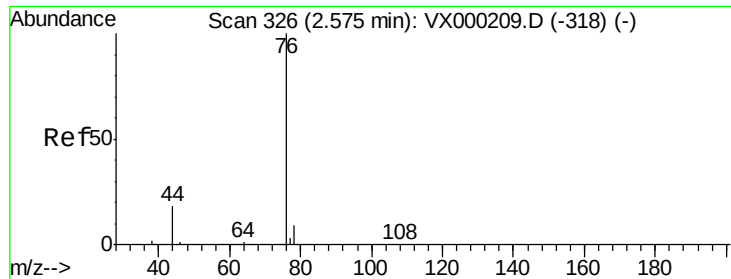
Delta R.T. -0.01 min

Lab File: VX000207.D

Acq: 07 Mar 2018 12:36

Tgt Ion:	43	Resp:	34157
Ion	Ratio	Lower	Upper
43	100		
58	27.0	23.8	35.6





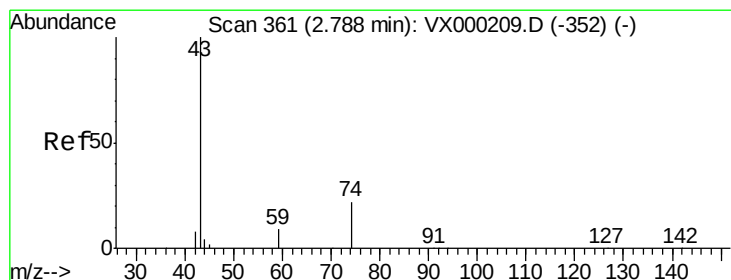
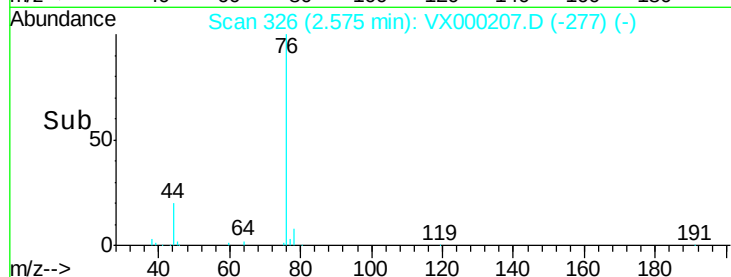
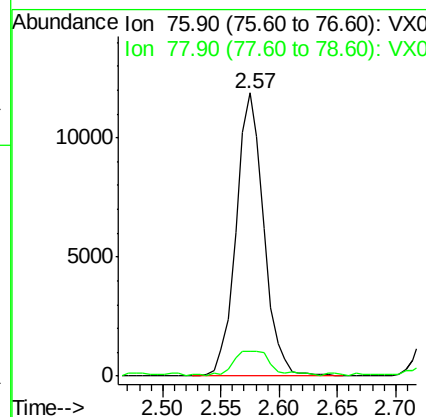
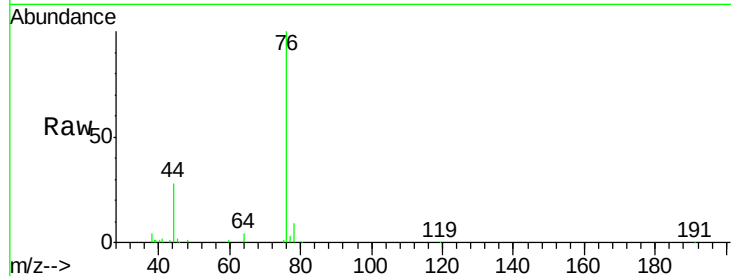
#17
Carbon Disulfide
Concen: 4.68 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000207.D
Acq: 07 Mar 2018 12:36

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.1	7.0	10.6

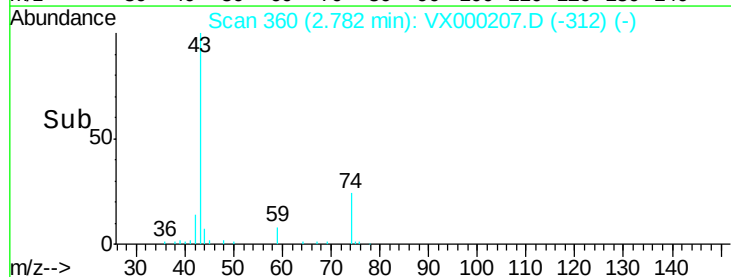
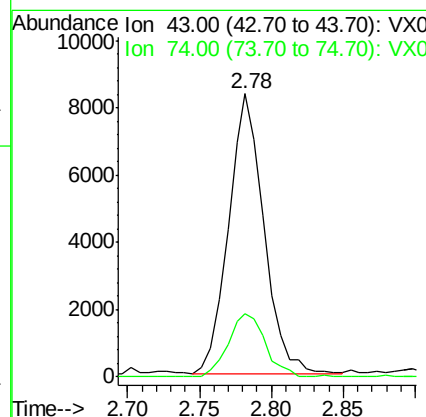
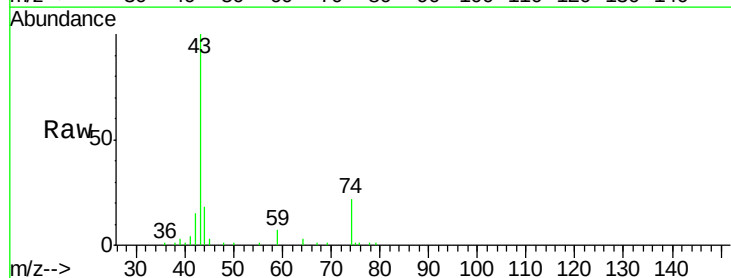
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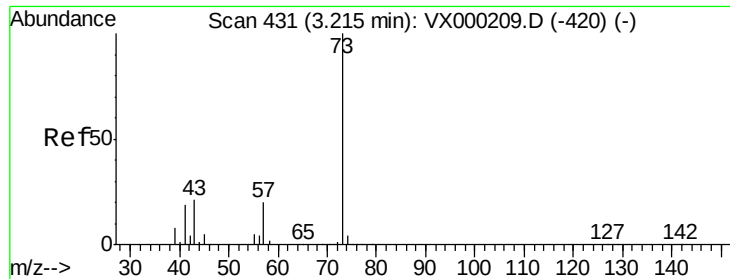
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#18
Methyl Acetate
Concen: 5.39 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000207.D
Acq: 07 Mar 2018 12:36

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.6	18.9	28.3





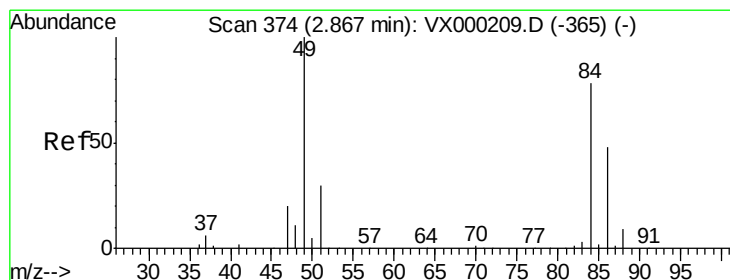
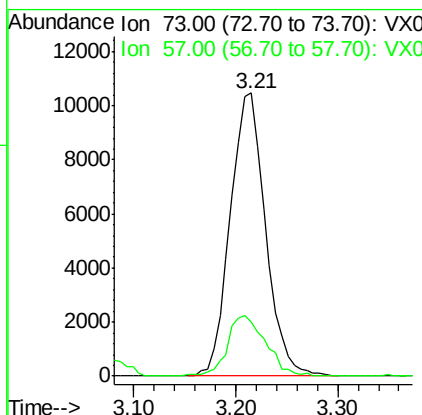
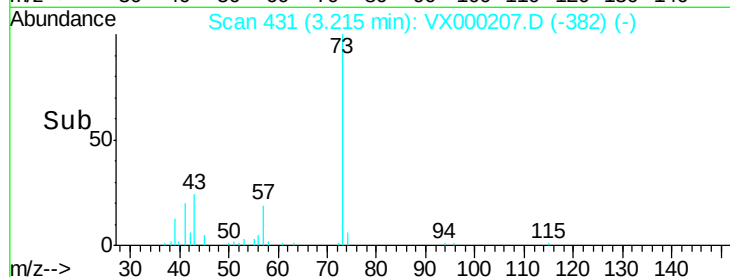
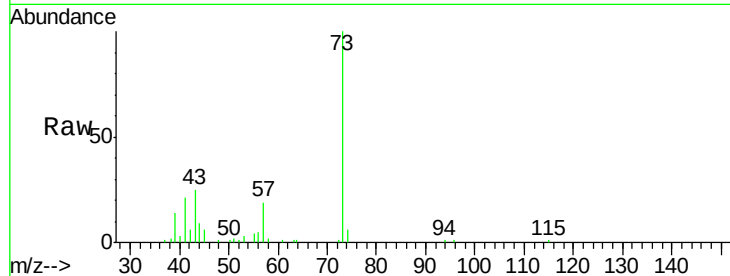
#19
Methyl tert-butyl Ether
Concen: 5.09 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX000207.D
Acq: 07 Mar 2018 12:36

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.3	16.3	24.5

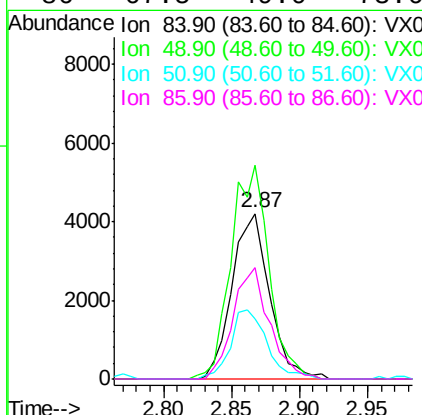
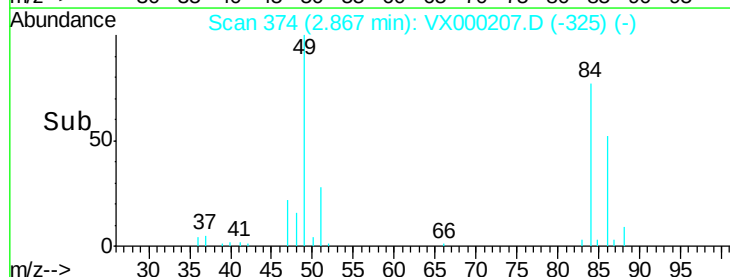
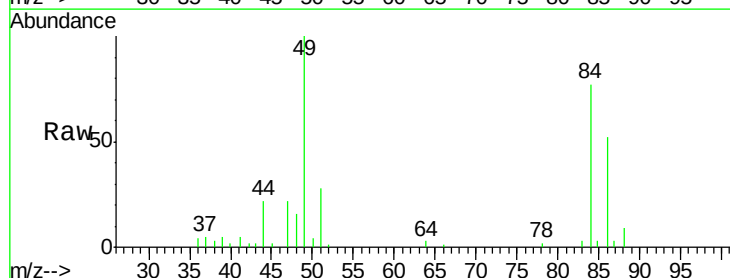
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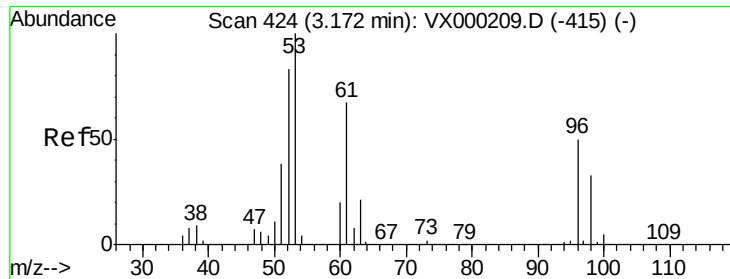
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#20
Methylene Chloride
Concen: 5.09 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX000207.D
Acq: 07 Mar 2018 12:36

Tgt Ion	Ratio	Lower	Upper
84	100		
49	129.2	102.1	153.1
51	36.5	30.6	45.8
86	67.5	49.0	73.6





#21

trans-1,2-Dichloroethene

Concen: 5.04 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000207.D

Acq: 07 Mar 2018 12:36

Instrument :

MSVOA_X

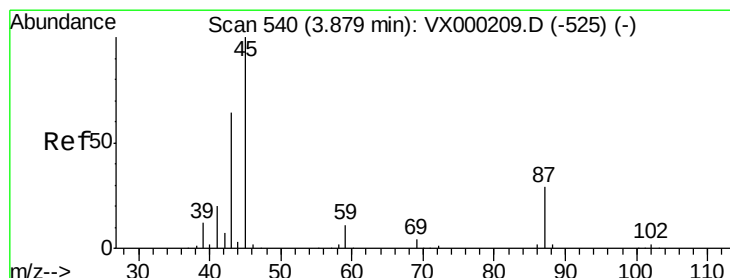
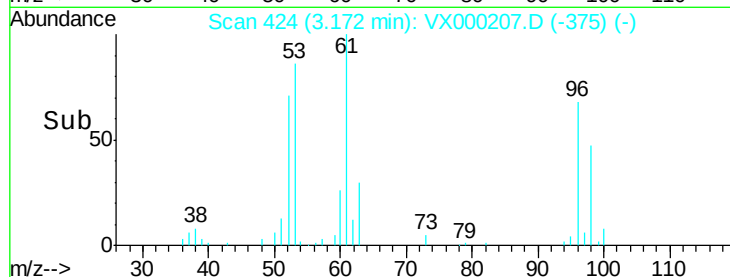
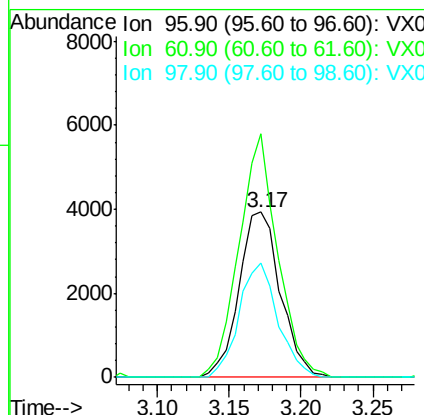
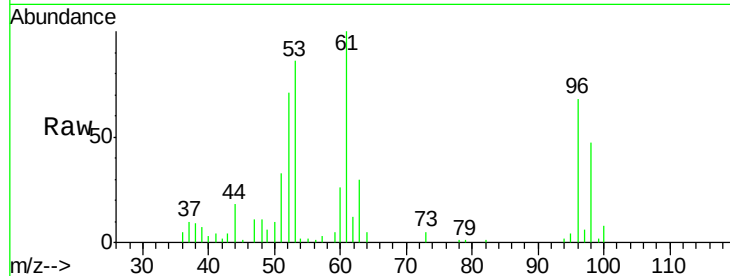
ClientSampled :

VSTDIC005

Tot Ion:	96	Resp:	7856
Ion	Ratio	Lower	Upper
96	100		
61	147.6	107.0	160.4
98	69.7	51.8	77.8

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#22

Diisopropyl ether

Concen: 5.71 ug/l

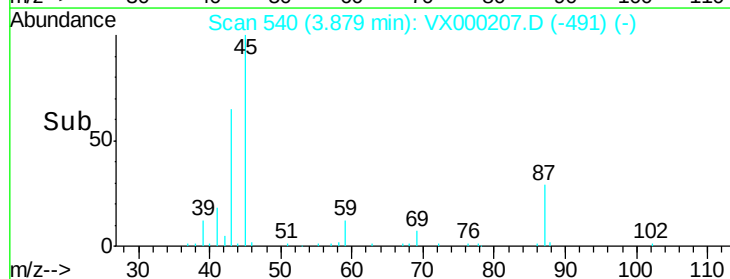
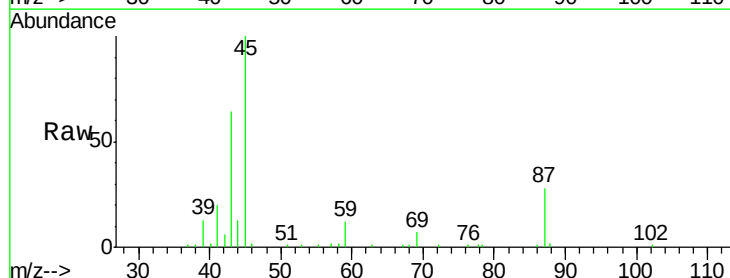
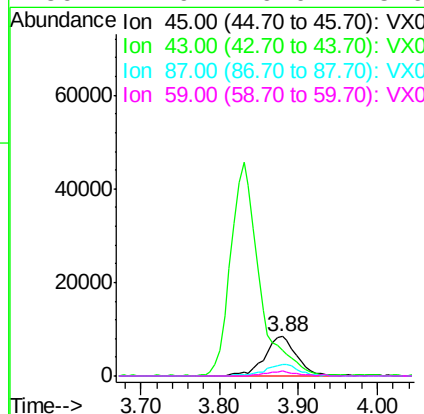
RT: 3.88 min Scan# 540

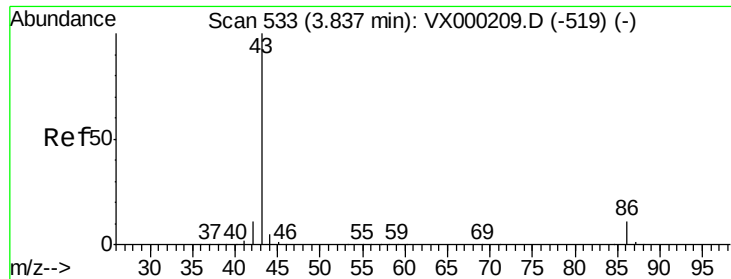
Delta R.T. 0.00 min

Lab File: VX000207.D

Acq: 07 Mar 2018 12:36

Tgt Ion:	45	Resp:	23837
Ion	Ratio	Lower	Upper
45	100		
43	62.9	53.5	80.3
87	28.3	23.3	34.9
59	11.9	9.0	13.6





#23

Vinyl Acetate

Concen: 29.40 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000207.D

Acq: 07 Mar 2018 12:36

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

Tot Ion: 43 Resp: 115665

Ion Ratio Lower Upper

43 100

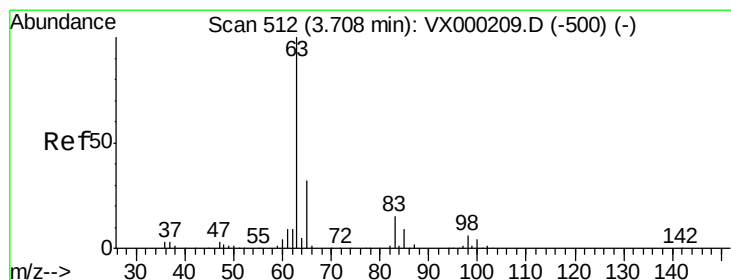
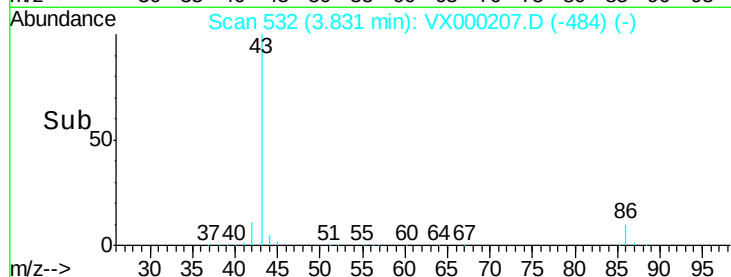
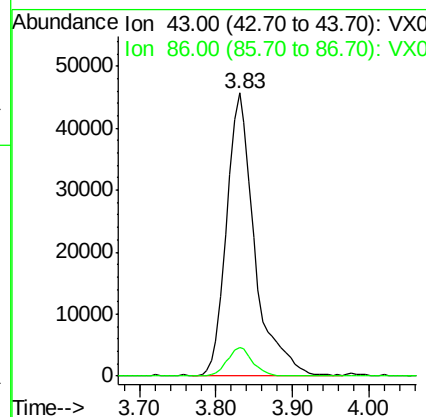
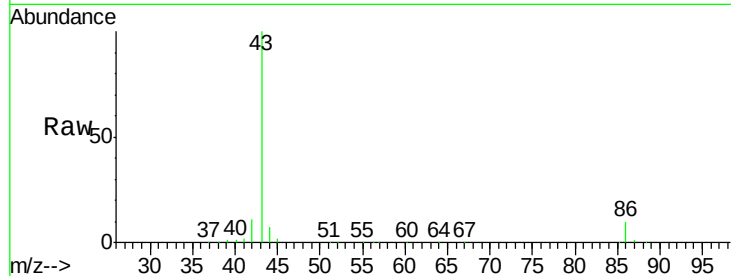
86 10.0 8.5 12.7

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#24

1,1-Dichloroethane

Concen: 5.54 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000207.D

Acq: 07 Mar 2018 12:36

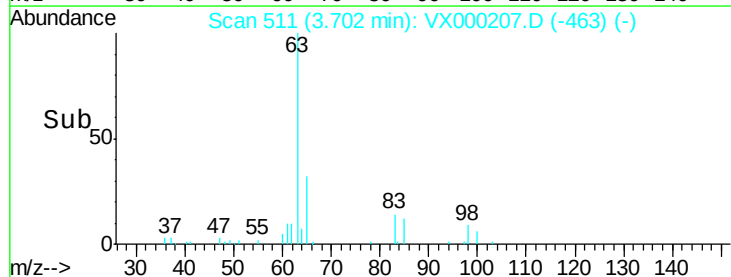
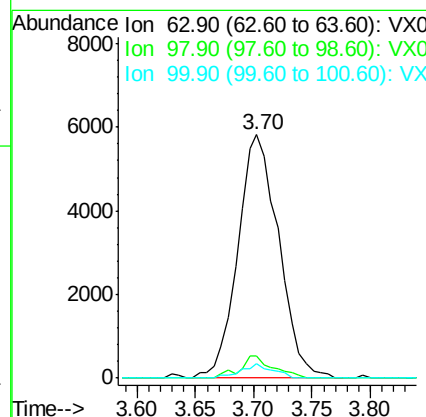
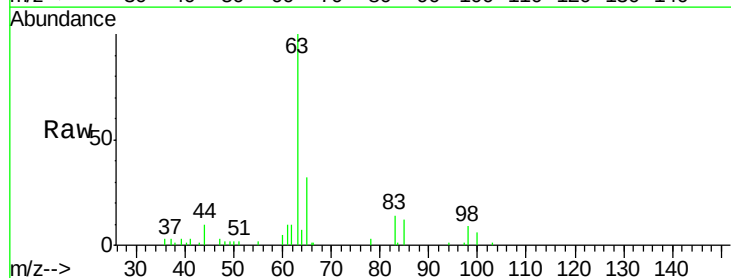
Tgt Ion: 63 Resp: 14220

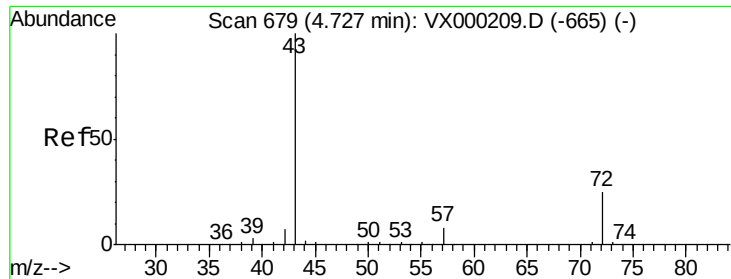
Ion Ratio Lower Upper

63 100

98 9.3 3.1 9.4

100 5.7 2.2 6.6





#25

2-Butanone

Concen: 26.65 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX000207.D

Acq: 07 Mar 2018 12:36

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

Tot Ion: 43 Resp: 41625

Ion Ratio Lower Upper

43 100

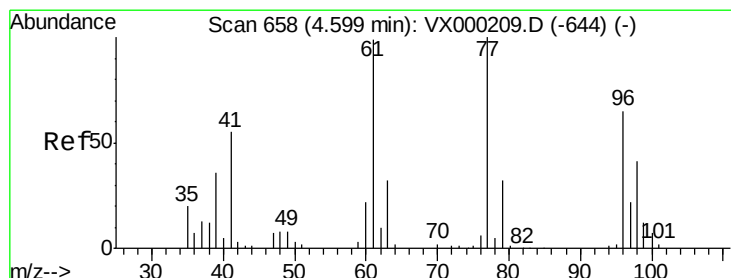
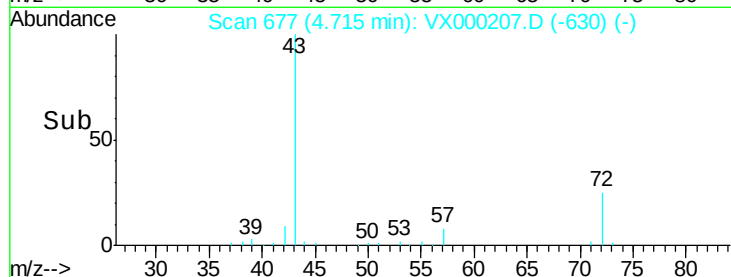
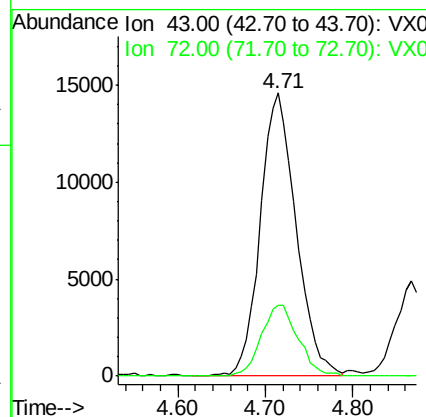
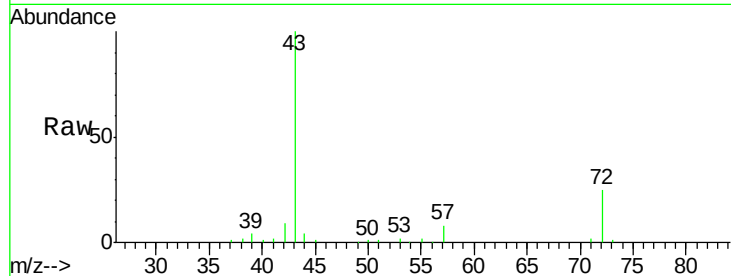
72 25.2 20.2 30.2

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#26

2,2-Dichloropropane

Concen: 4.85 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX000207.D

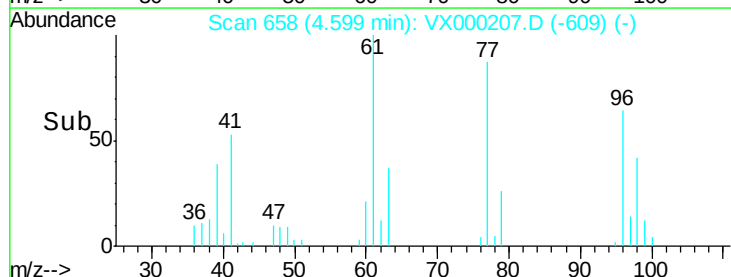
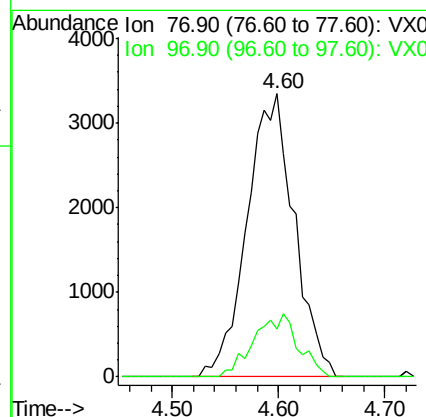
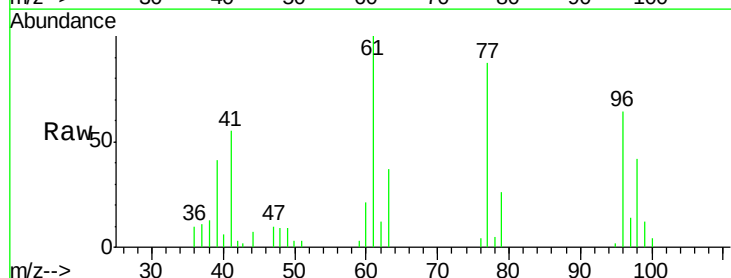
Acq: 07 Mar 2018 12:36

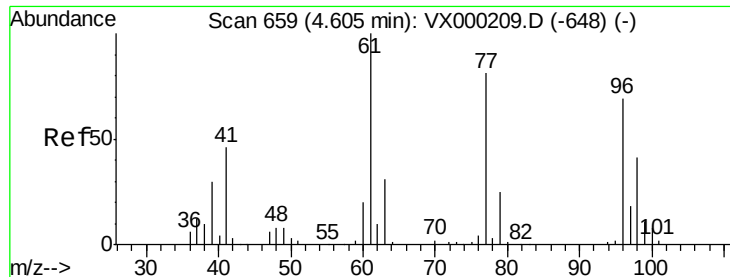
Tgt Ion: 77 Resp: 10367

Ion Ratio Lower Upper

77 100

97 20.8 11.4 34.1





#27

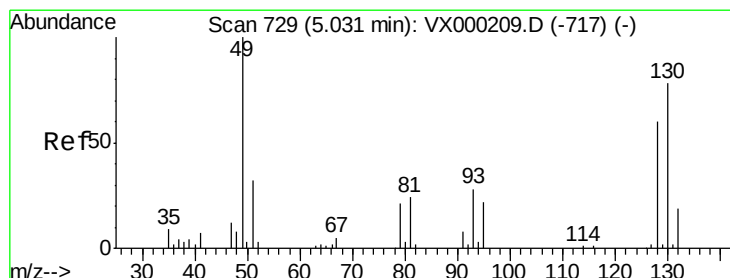
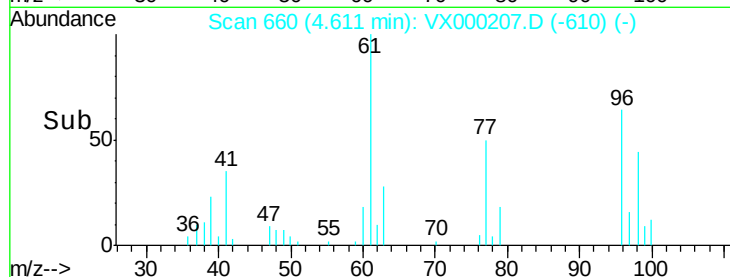
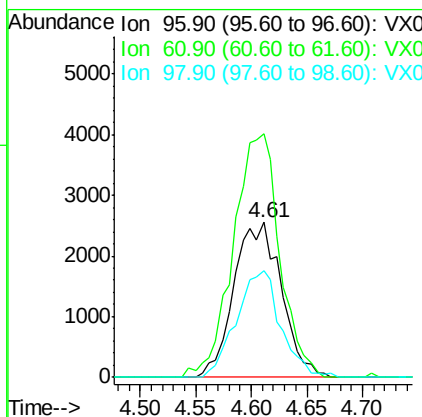
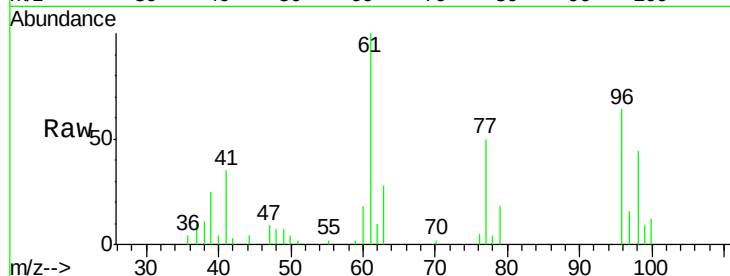
cis-1,2-Dichloroethene
Concen: 5.14 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.01 min
Lab File: VX000207.D
Acq: 07 Mar 2018 12:36

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	153.3	0.0	296.4
98	64.5	0.0	130.6

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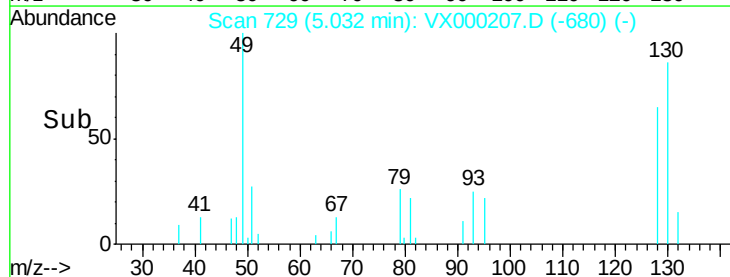
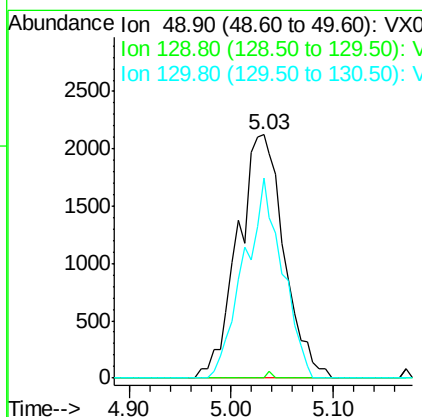
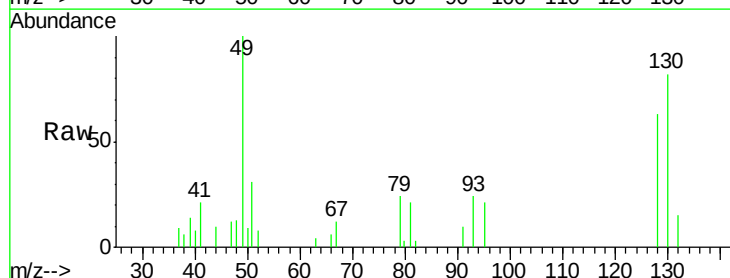
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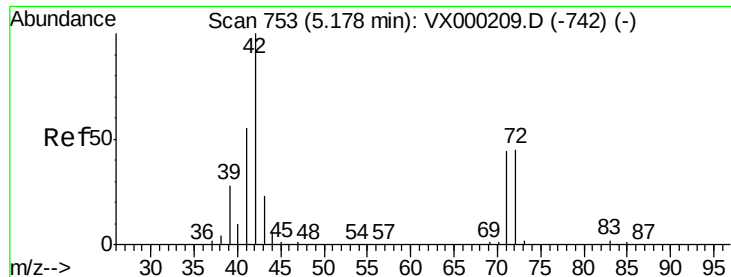


#28

Bromochloromethane
Concen: 5.93 ug/l
RT: 5.03 min Scan# 729
Delta R.T. 0.00 min
Lab File: VX000207.D
Acq: 07 Mar 2018 12:36

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.3	0.0	5.0
130	68.3	63.5	95.3





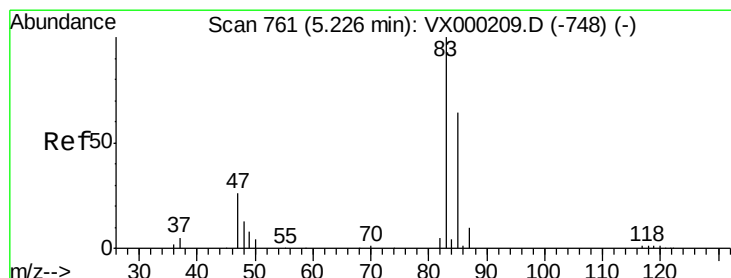
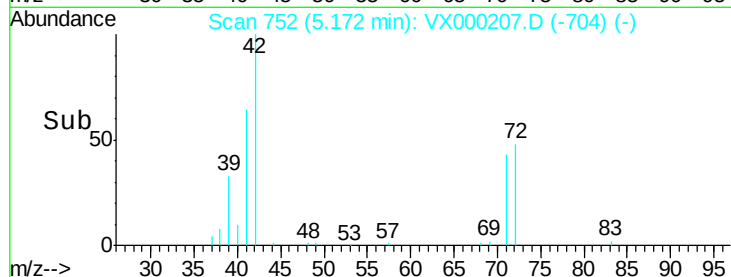
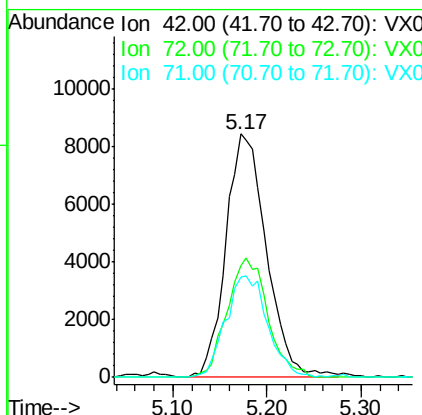
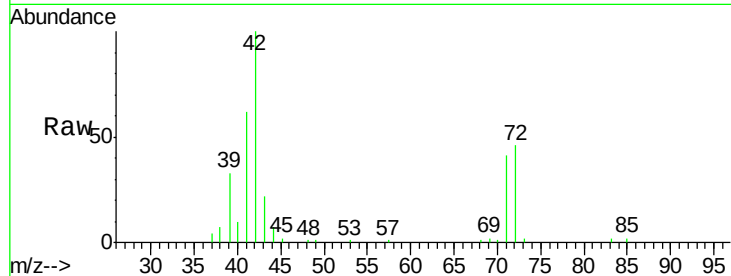
#29
Tetrahydrofuran
Concen: 25.01 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX000207.D
Acq: 07 Mar 2018 12:36

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.2	37.3	55.9
71	43.3	35.0	52.4

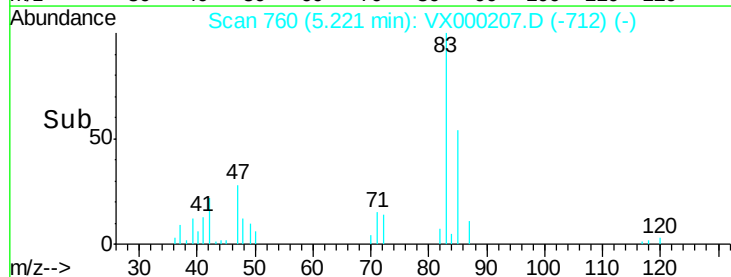
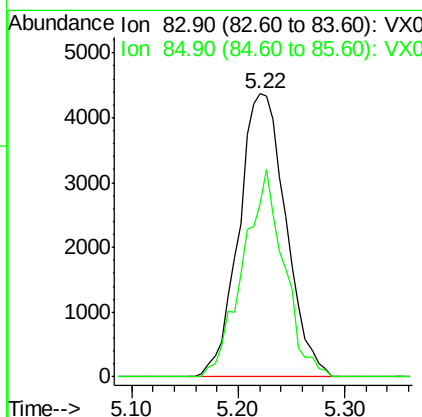
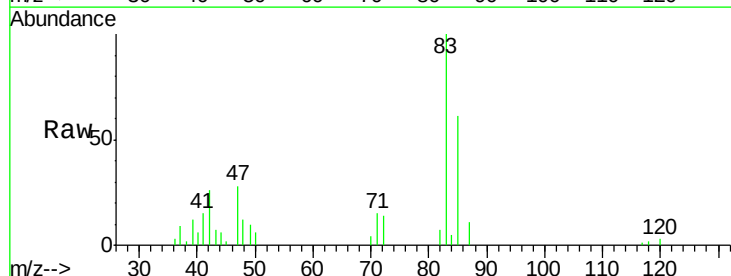
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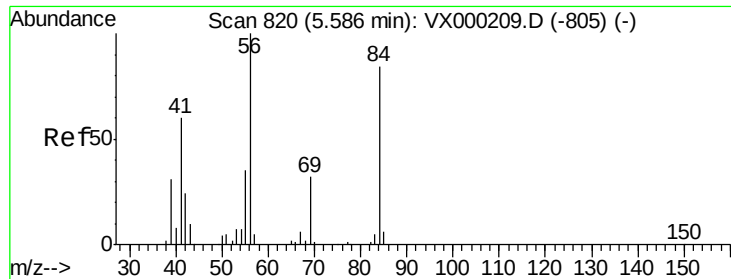
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#30
Chloroform
Concen: 5.15 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX000207.D
Acq: 07 Mar 2018 12:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.2	51.0	76.6





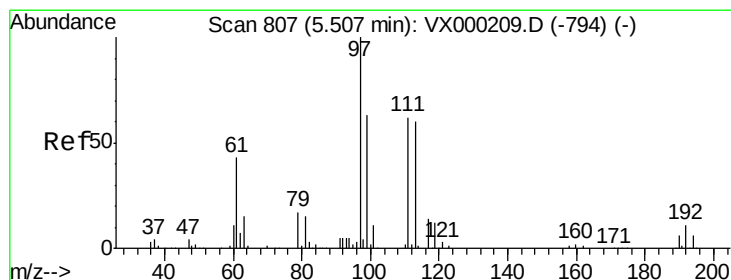
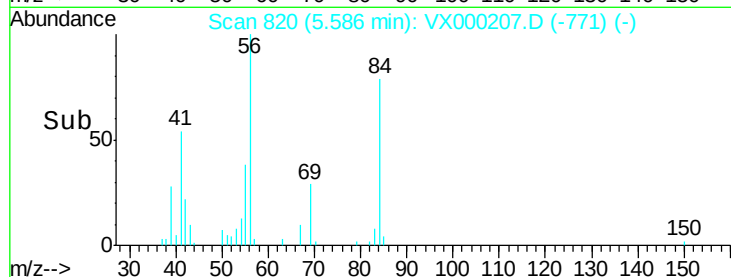
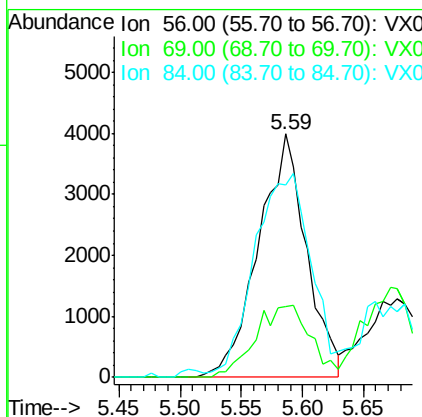
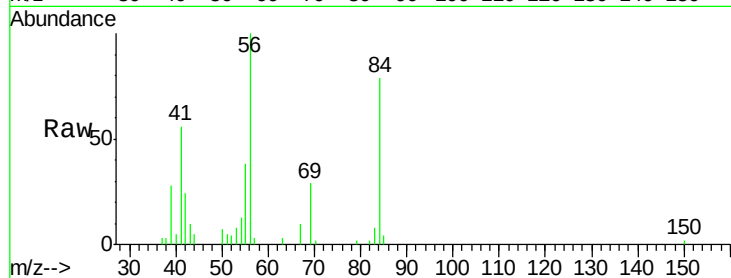
#31
Cyclohexane
Concen: 5.06 ug/l
RT: 5.59 min Scan# 820
Delta R.T. 0.00 min
Lab File: VX000207.D
Acq: 07 Mar 2018 12:36

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.0	25.3	37.9
84	75.7	67.2	100.8

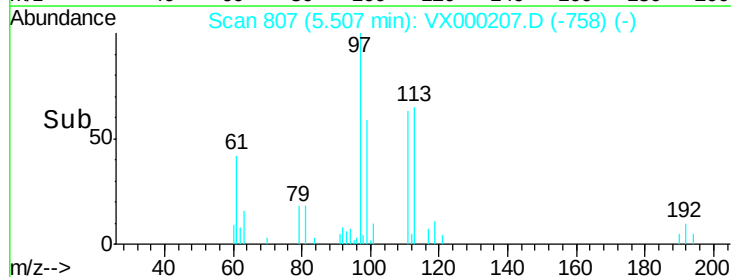
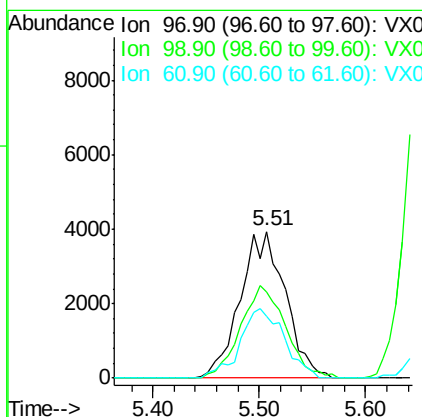
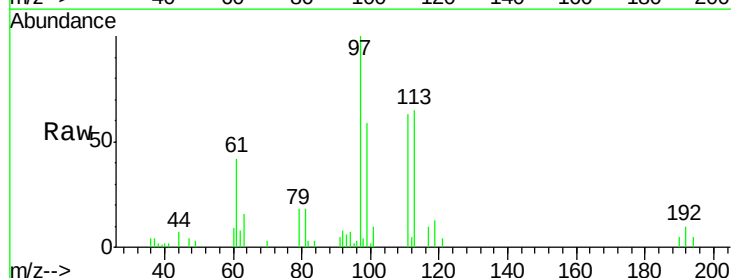
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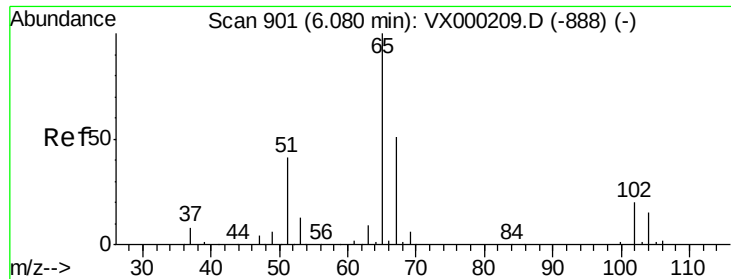
apatel
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#32
1,1,1-Trichloroethane
Concen: 4.85 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX000207.D
Acq: 07 Mar 2018 12:36

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.0	50.9	76.3
61	46.6	35.4	53.0





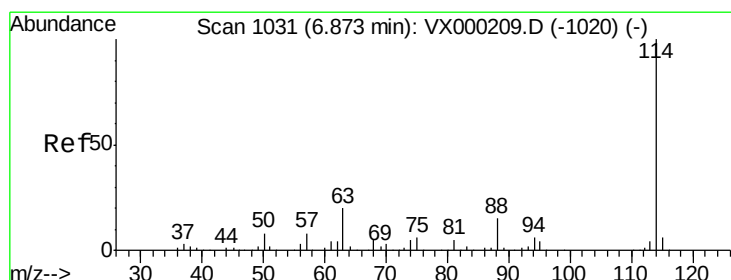
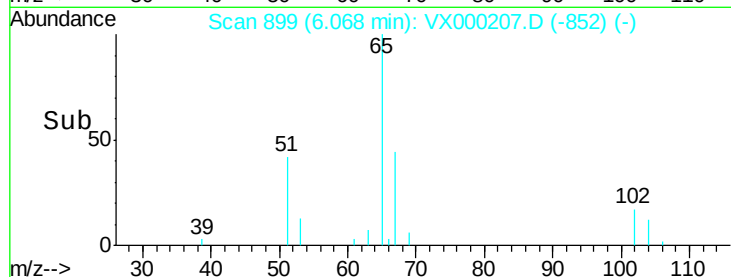
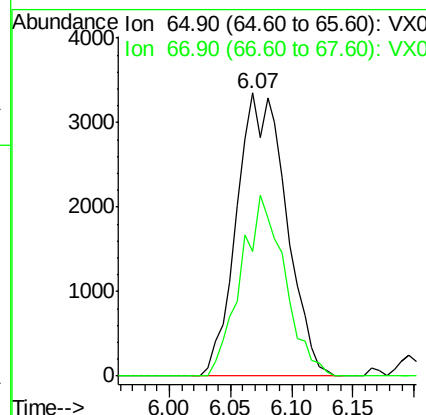
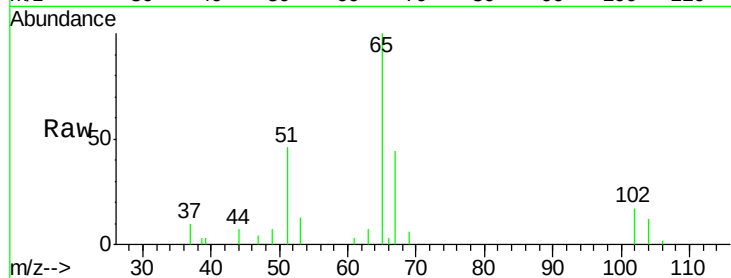
#33
 1,2-Dichloroethane-d4
 Concen: 5.43 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX000207.D
 Acq: 07 Mar 2018 12:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
65	100		
67	56.6	0.0	103.4

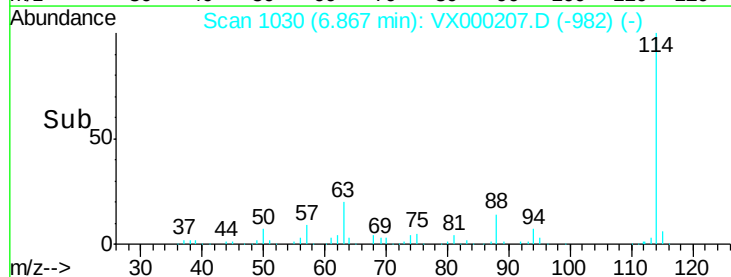
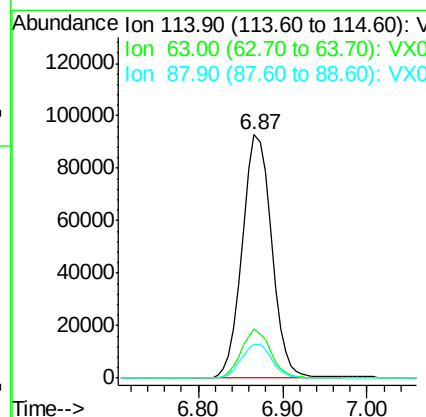
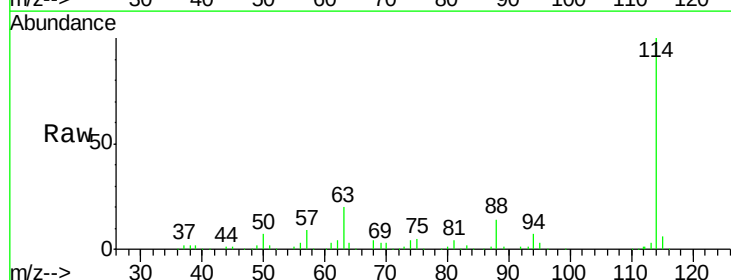
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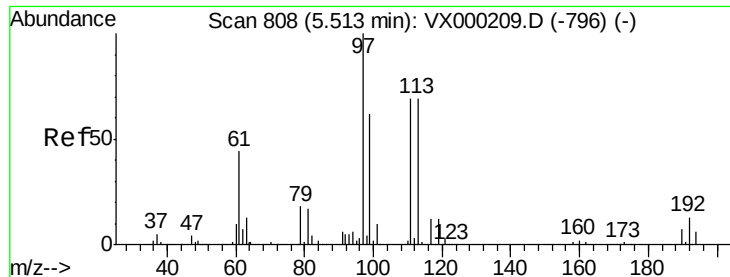
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: VX000207.D
 Acq: 07 Mar 2018 12:36

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	39.2
88	14.0	0.0	29.8





#35

Dibromofluoromethane

Concen: 5.29 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX000207.D

Acq: 07 Mar 2018 12:36

Instrument :

MSVOA_X

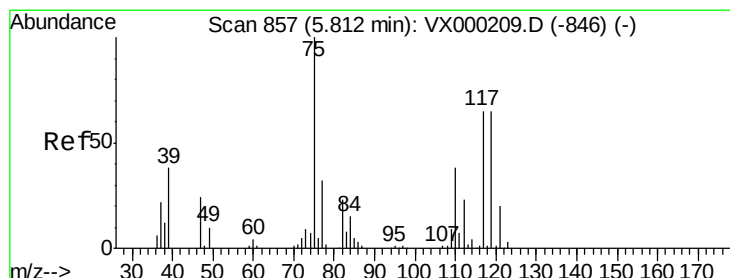
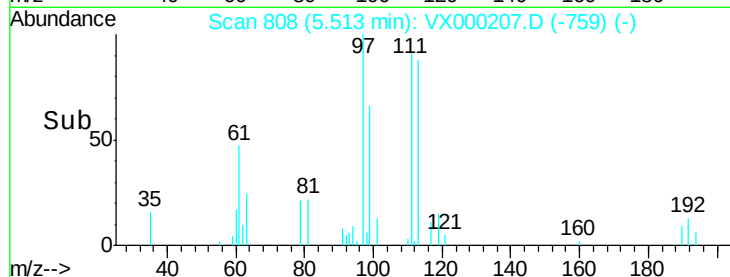
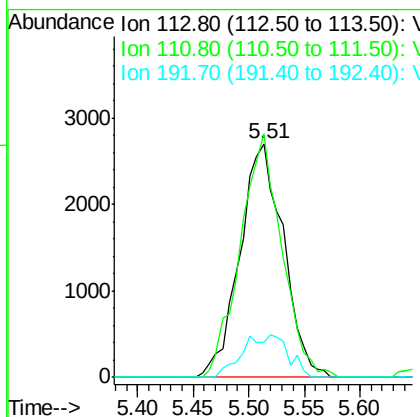
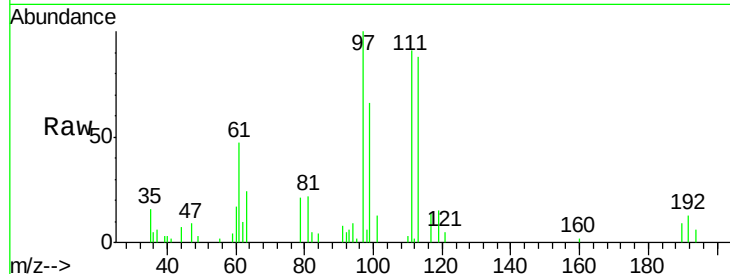
ClientSampleId :

VSTDIC005

Tot Ion:	113	Resp:	7373
Ion	Ratio	Lower	Upper
113	100		
111	98.8	83.0	124.6
192	19.1	15.5	23.3

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#36

1,1-Dichloropropene

Concen: 5.37 ug/l

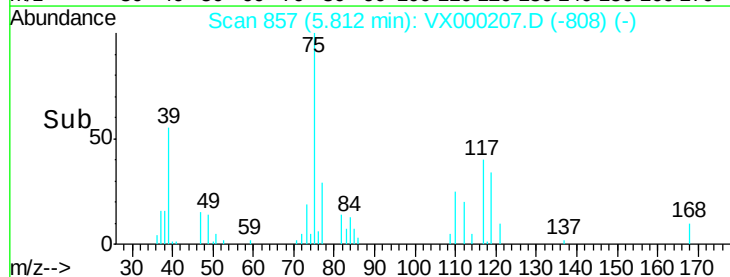
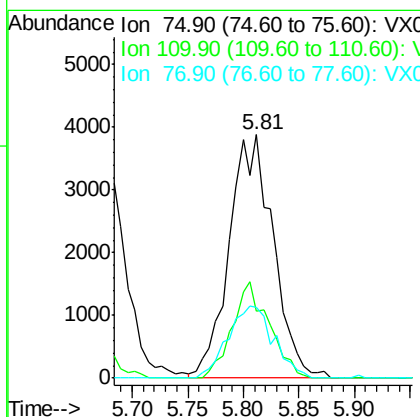
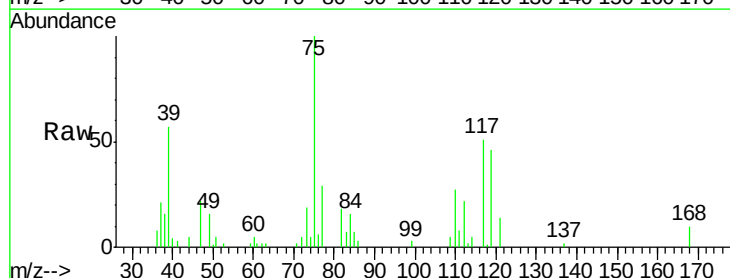
RT: 5.81 min Scan# 857

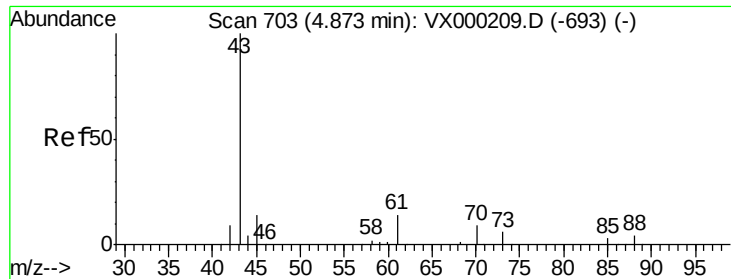
Delta R.T. 0.00 min

Lab File: VX000207.D

Acq: 07 Mar 2018 12:36

Tgt Ion:	75	Resp:	10618
Ion	Ratio	Lower	Upper
75	100		
110	33.4	17.8	53.5
77	30.7	24.9	37.3





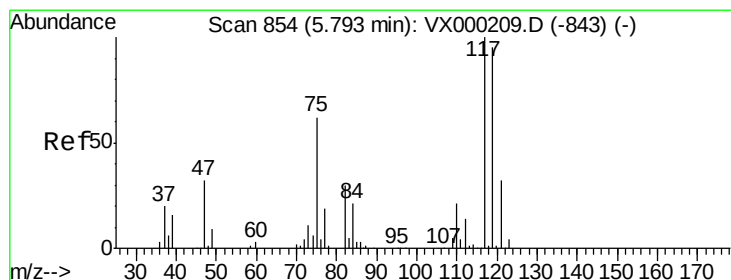
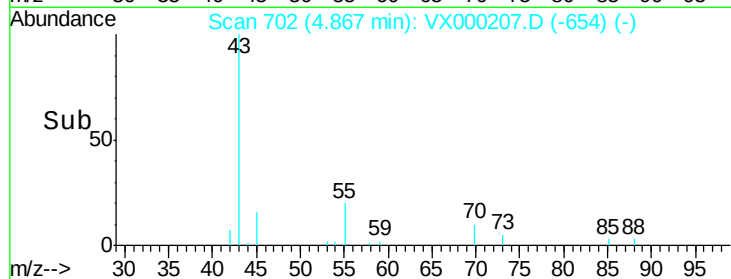
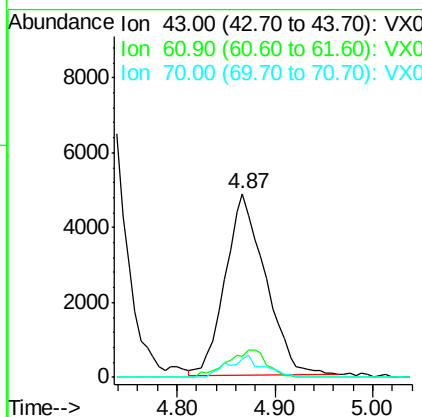
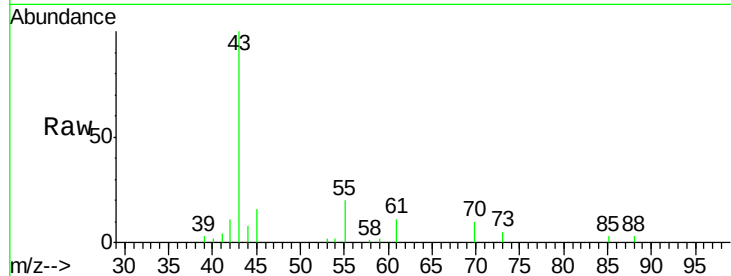
#37
Ethyl Acetate
Concen: 5.08 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX000207.D
Acq: 07 Mar 2018 12:36

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	43	Resp	13874
Ion Ratio	100	Lower	Upper
43	100		
61	14.7	11.0	16.6
70	10.4	7.8	11.6

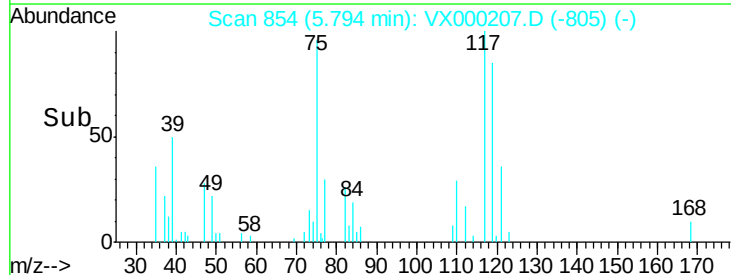
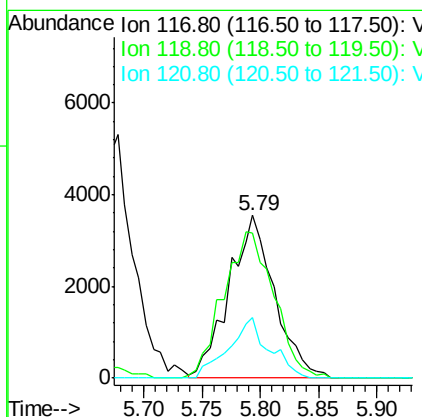
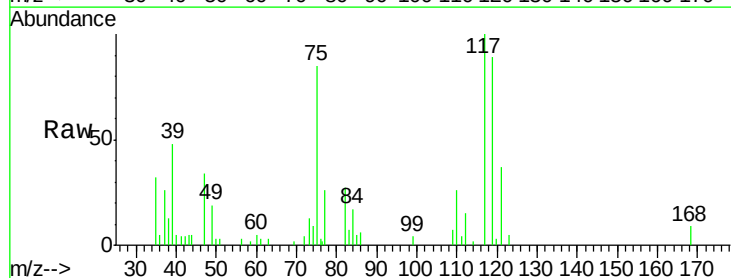
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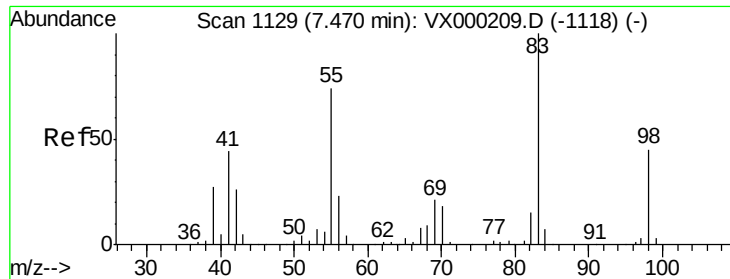
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#38
Carbon Tetrachloride
Concen: 4.57 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX000207.D
Acq: 07 Mar 2018 12:36

Tgt Ion	117	Resp	9650
Ion Ratio	100	Lower	Upper
117	100		
119	89.4	75.9	113.9
121	37.4	25.8	38.6





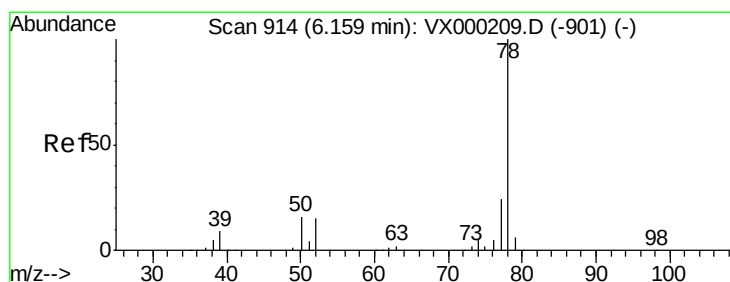
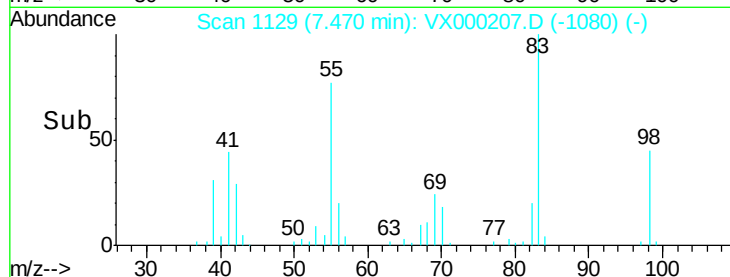
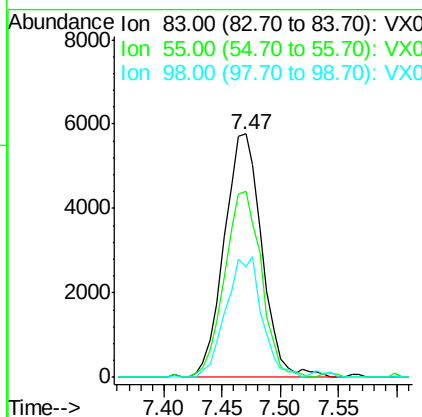
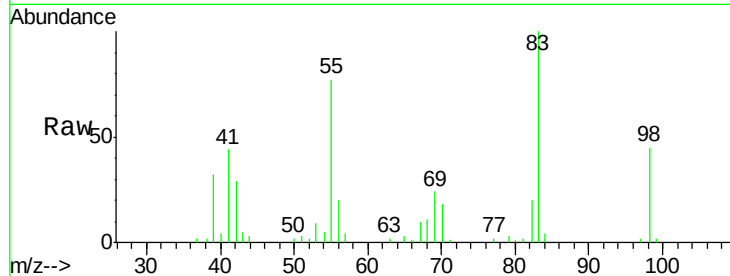
#39
Methylvlcyclohexane
Concen: 5.44 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000207.D
Acq: 07 Mar 2018 12:36

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.6	59.4	89.0
98	45.1	36.3	54.5

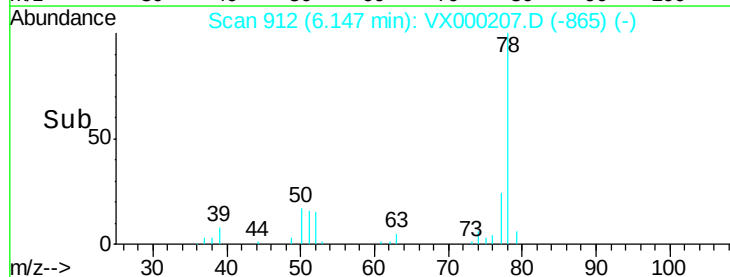
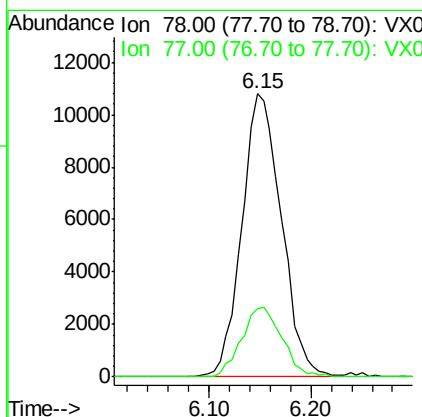
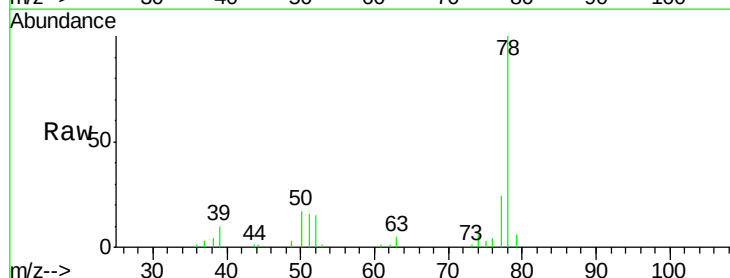
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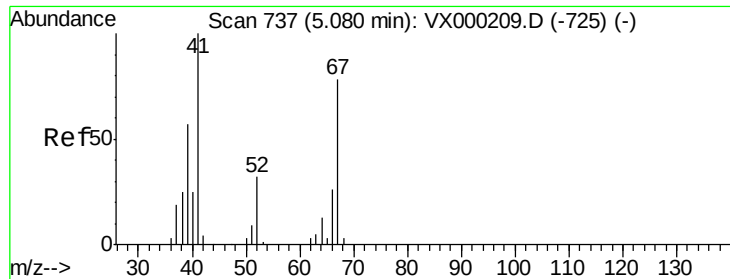
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#40
Benzene
Concen: 5.13 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX000207.D
Acq: 07 Mar 2018 12:36

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.4	29.2





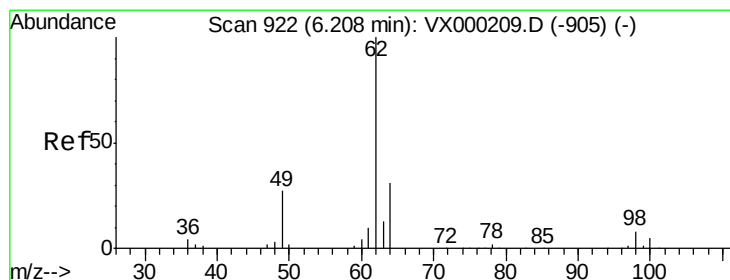
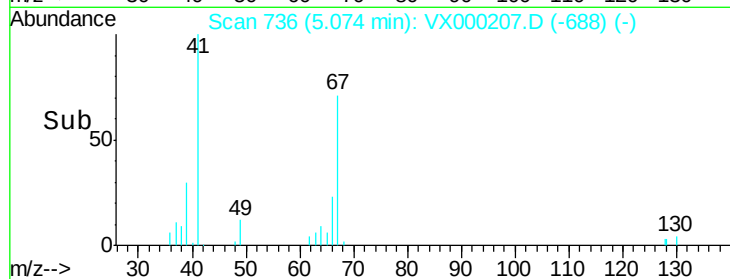
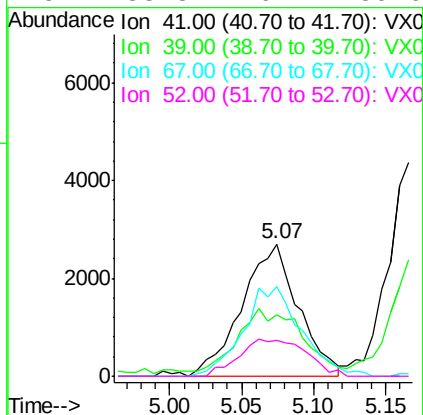
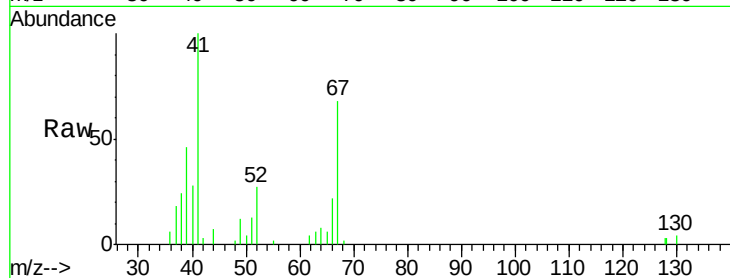
#41
Methacrylonitrile
Concen: 5.17 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.01 min
Lab File: VX000207.D
Acq: 07 Mar 2018 12:36

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion:	41	Resp:	7367
Ion	Ratio	Lower	Upper
41	100		
39	51.9	47.8	71.6
67	69.5	59.3	88.9
52	33.3	26.4	39.6

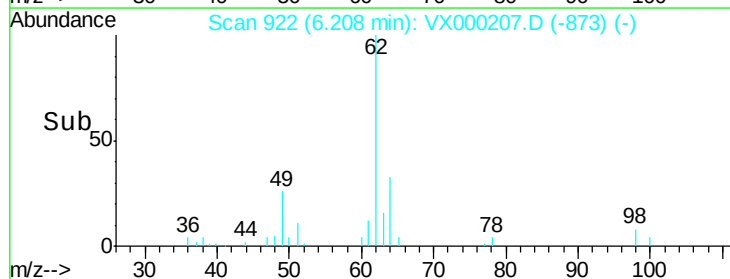
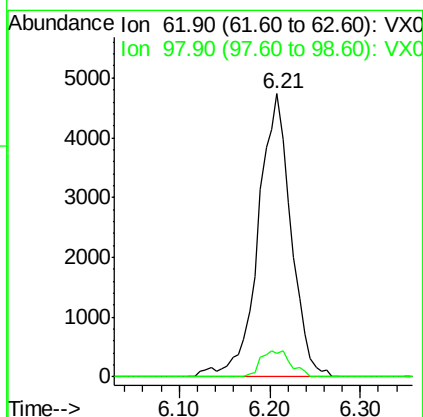
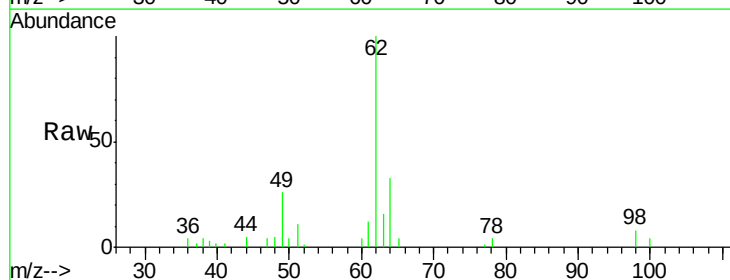
Manual Integrations
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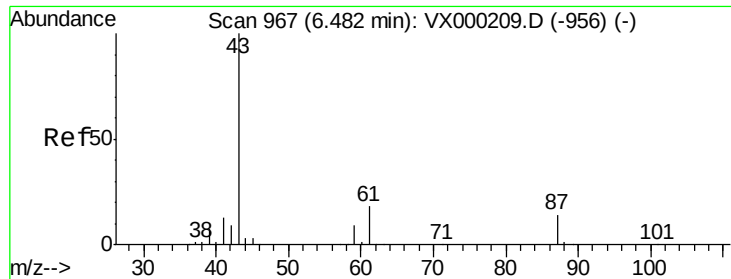
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#42
1,2-Dichloroethane
Concen: 5.63 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000207.D
Acq: 07 Mar 2018 12:36

Tgt Ion:	62	Resp:	11811
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.2





#43

Isopropyl Acetate

Concen: 5.24 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.00 min

Lab File: VX000207.D

Acq: 07 Mar 2018 12:36

Instrument :

MSVOA_X

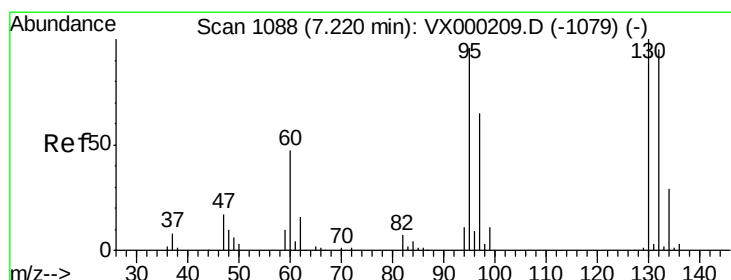
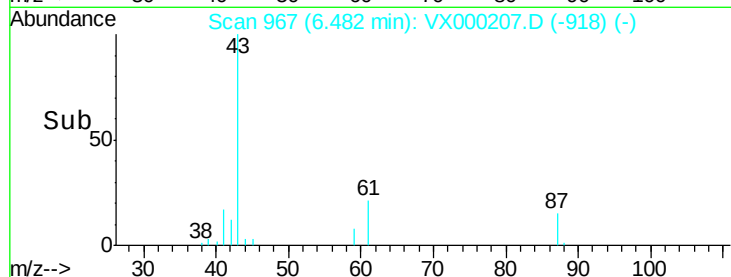
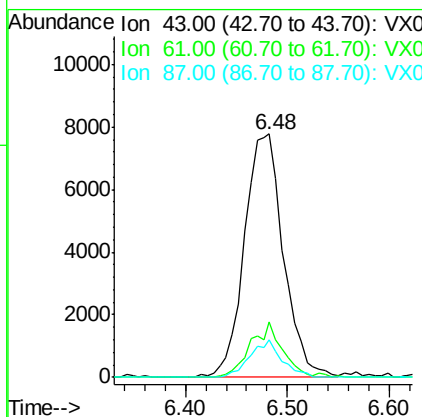
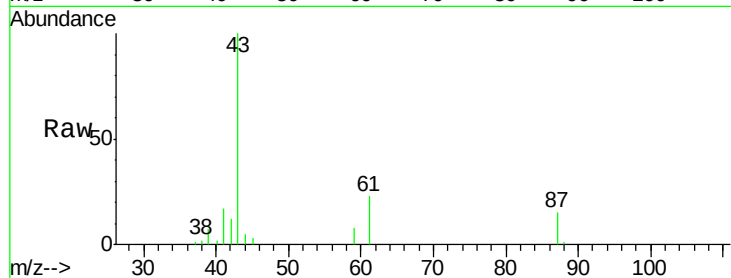
ClientSampled :

VSTDIC005

Tot Ion:	43	Resp:	20704
Ion	Ratio	Lower	Upper
43	100		
61	19.0	14.8	22.2
87	12.6	10.6	16.0

Manual Integrations
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#44

Trichloroethene

Concen: 5.19 ug/l

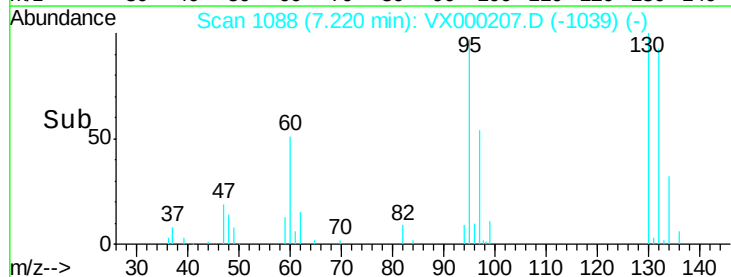
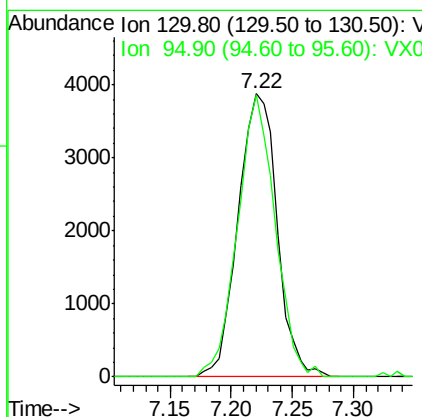
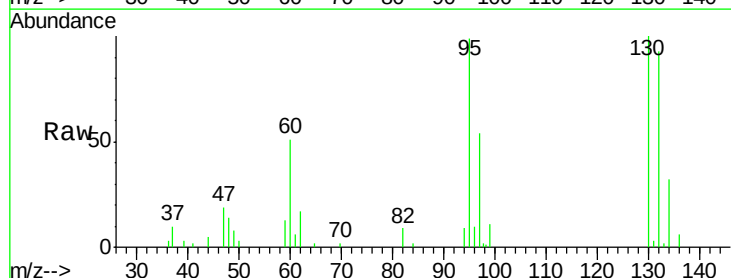
RT: 7.22 min Scan# 1088

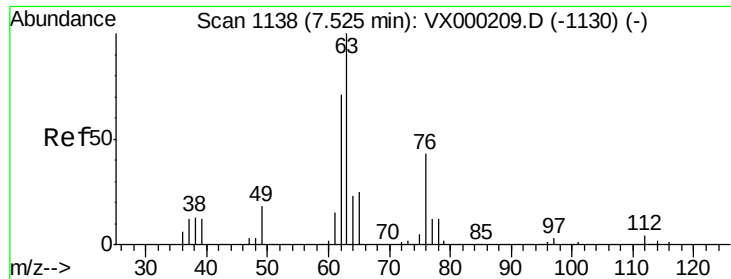
Delta R.T. 0.00 min

Lab File: VX000207.D

Acq: 07 Mar 2018 12:36

Tgt Ion:	130	Resp:	8600
Ion	Ratio	Lower	Upper
130	100		
95	99.5	0.0	191.8





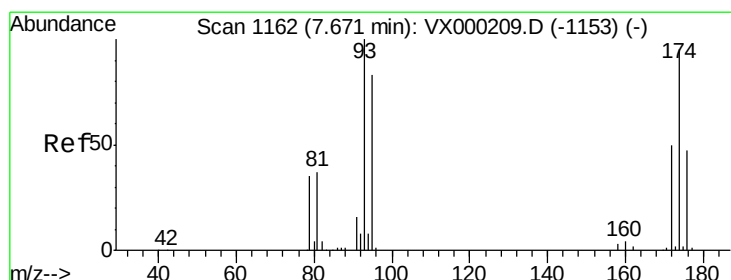
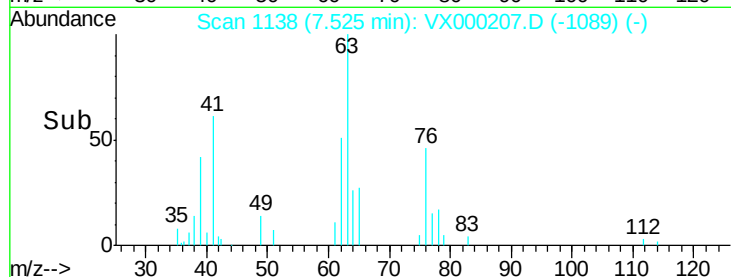
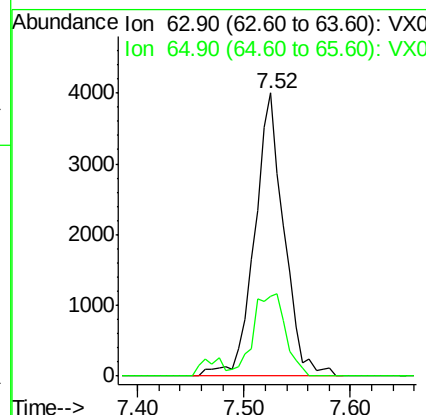
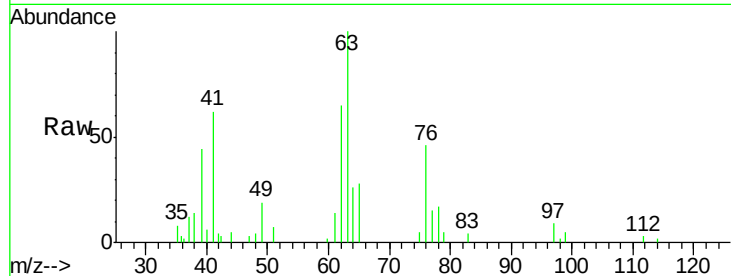
#45
1,2-Dichloropropane
Concen: 5.54 ug/l
RT: 7.52 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VX000207.D
Acq: 07 Mar 2018 12:36

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion: 63 Resp: 7729
Ion Ratio Lower Upper
63 100
65 28.0 22.3 33.5

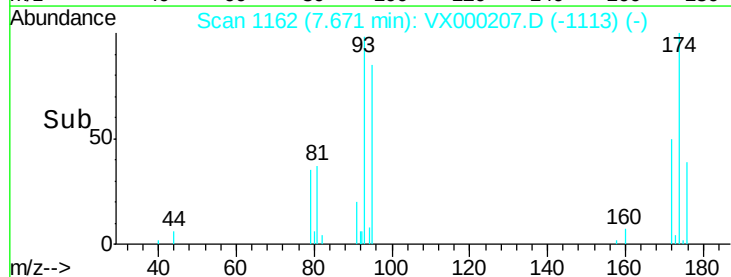
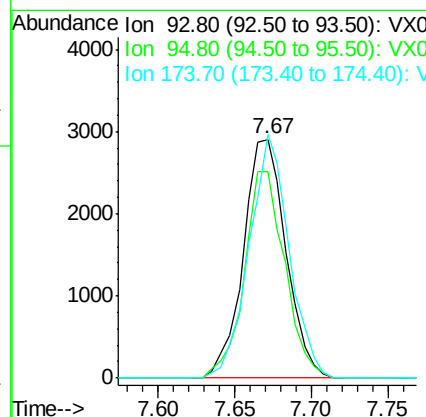
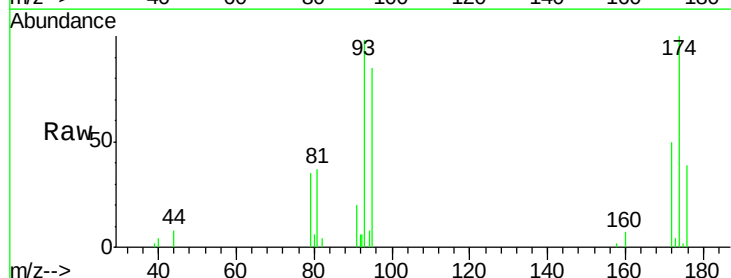
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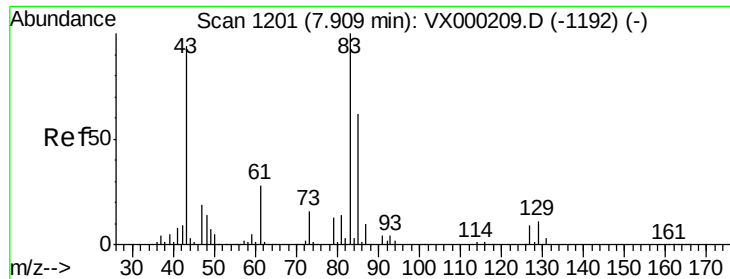
apatel
3/8/2018 10:42:09 AM



#46
Dibromomethane
Concen: 5.17 ug/l
RT: 7.67 min Scan# 1162
Delta R.T. 0.00 min
Lab File: VX000207.D
Acq: 07 Mar 2018 12:36

Tgt Ion: 93 Resp: 5624
Ion Ratio Lower Upper
93 100
95 82.3 64.1 96.1
174 95.5 75.8 113.8





#47

Bromodichloromethane

Concen: 4.89 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000207.D

Acq: 07 Mar 2018 12:36

Instrument :

MSVOA_X

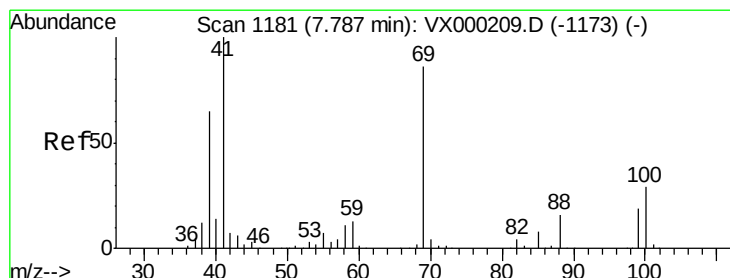
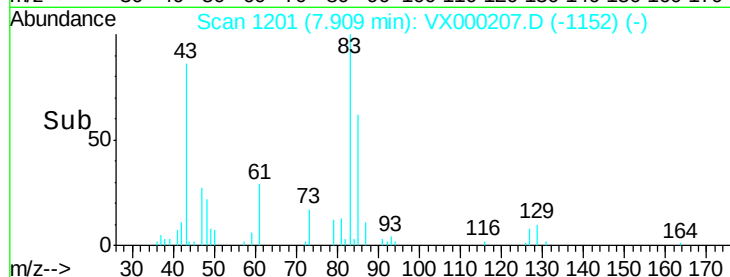
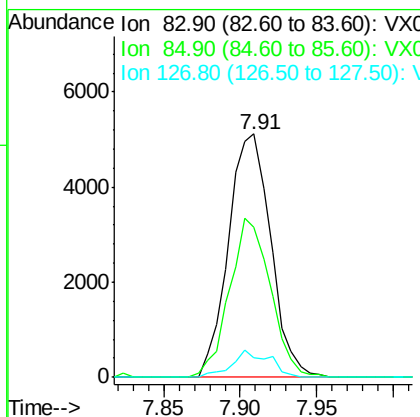
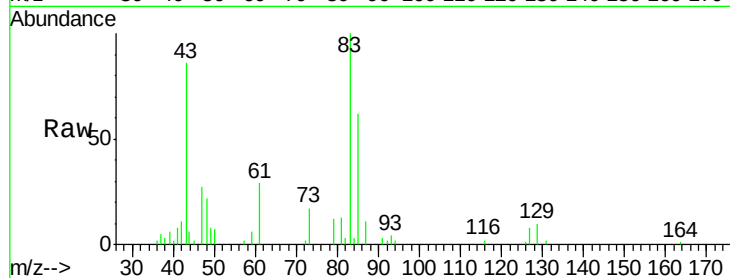
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	9807
Ion	Ratio	Lower	Upper
83	100		
85	61.7	49.6	74.4
127	7.8	7.0	10.4

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#48

Methyl methacrylate

Concen: 5.38 ug/l

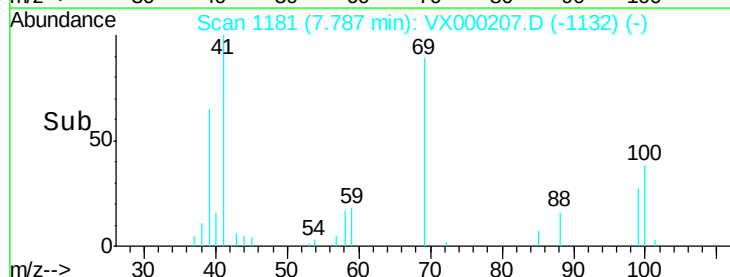
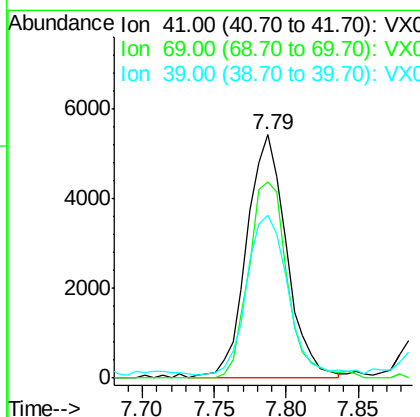
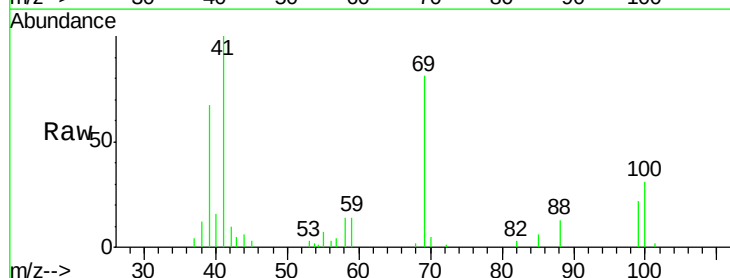
RT: 7.79 min Scan# 1181

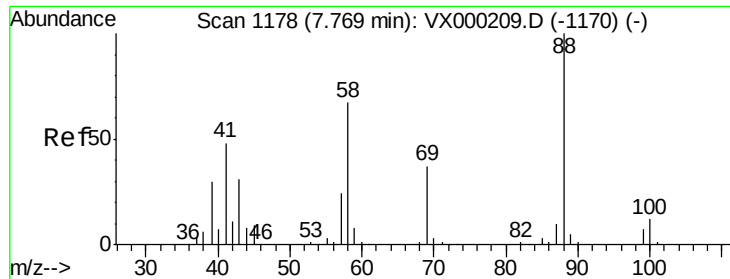
Delta R.T. 0.00 min

Lab File: VX000207.D

Acq: 07 Mar 2018 12:36

Tgt Ion:	41	Resp:	10386
Ion	Ratio	Lower	Upper
41	100		
69	78.9	70.0	105.0
39	68.3	53.6	80.4





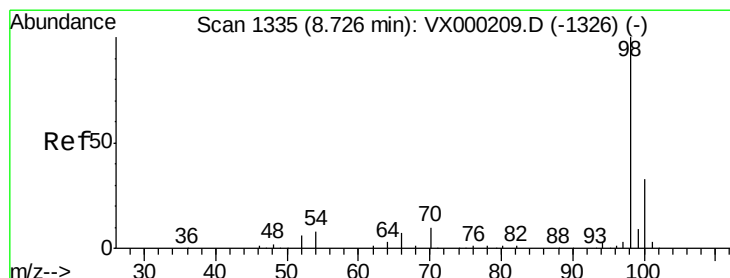
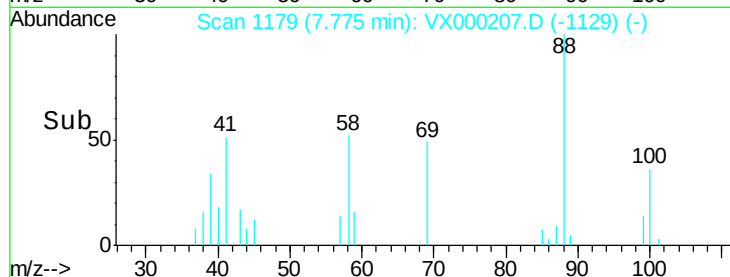
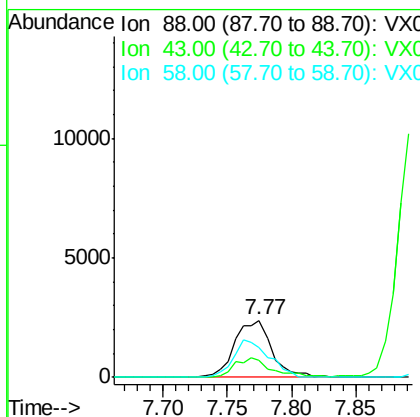
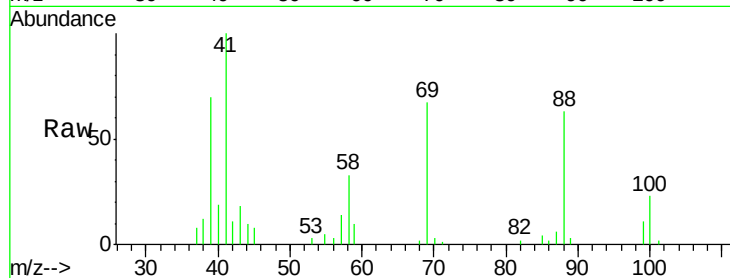
#49
1,4-Dioxane
Concen: 94.94 ug/l
RT: 7.77 min Scan# 1179
Delta R.T. 0.01 min
Lab File: VX000207.D
Acq: 07 Mar 2018 12:36

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.9	26.9	40.3
58	63.2	52.2	78.4

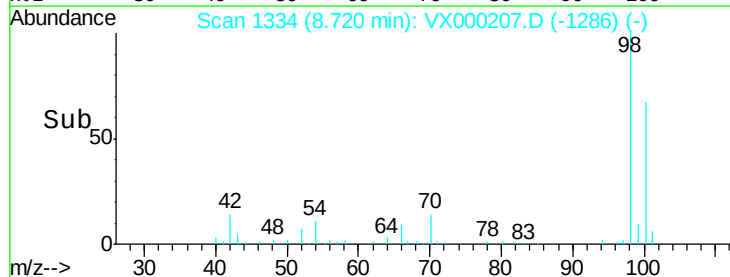
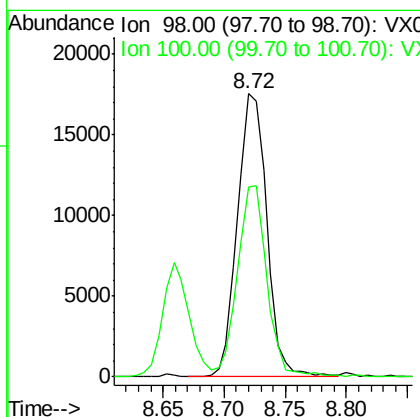
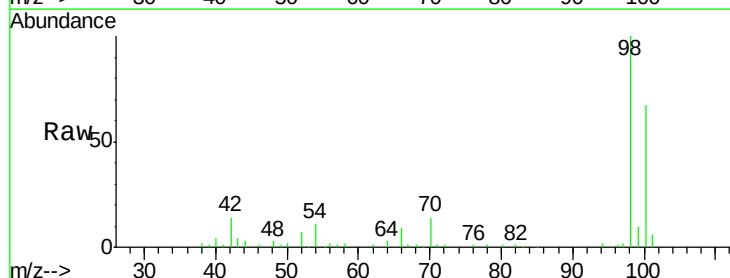
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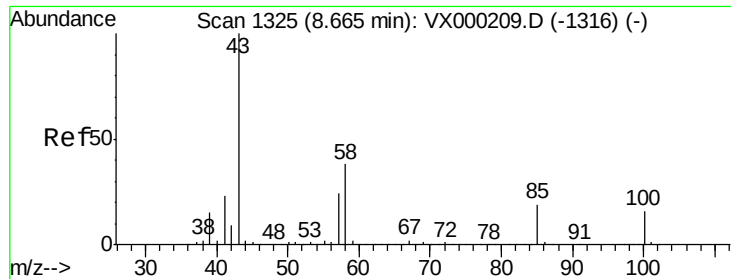
apatel
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#50
Toluene-d8
Concen: 5.17 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX000207.D
Acq: 07 Mar 2018 12:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	68.5	51.2	76.8





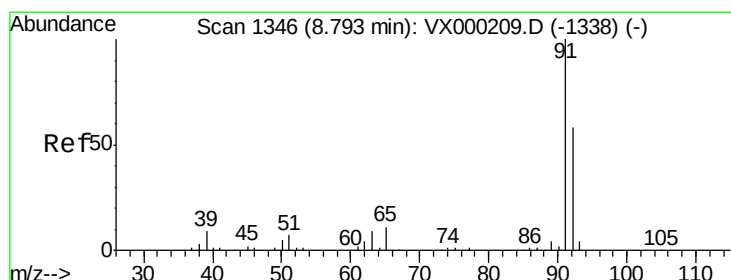
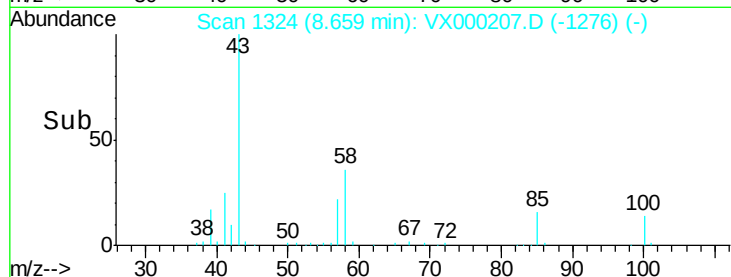
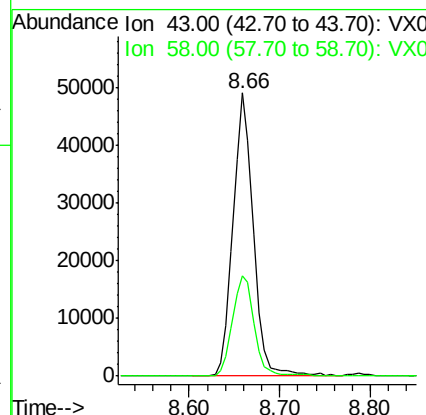
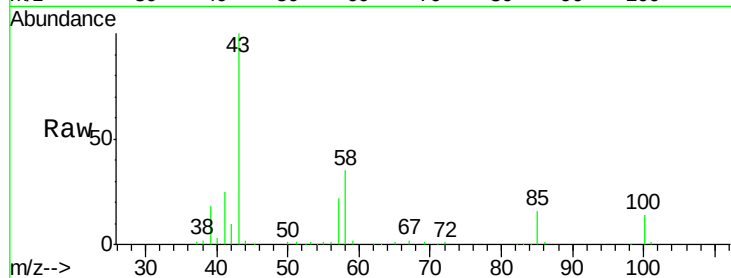
#51
4-Methyl-2-Pentanone
Concen: 26.25 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.01 min
Lab File: VX000207.D
Acq: 07 Mar 2018 12:36

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion: 43 Resp: 76541
Ion Ratio Lower Upper
43 100
58 37.3 30.2 45.2

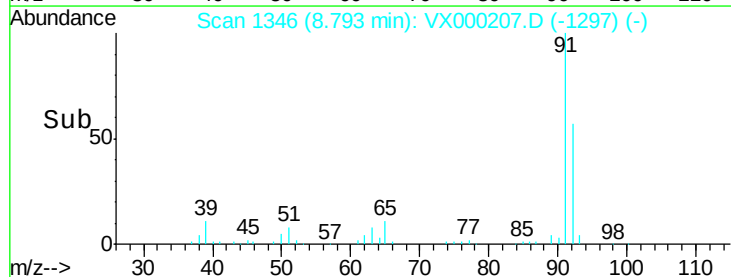
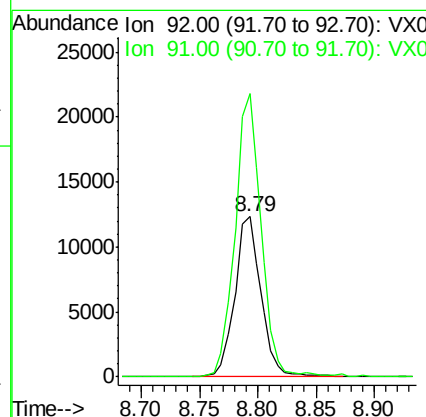
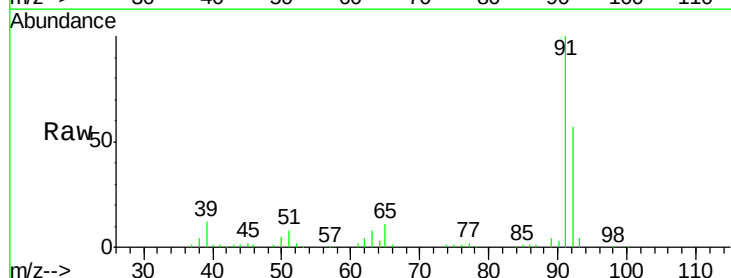
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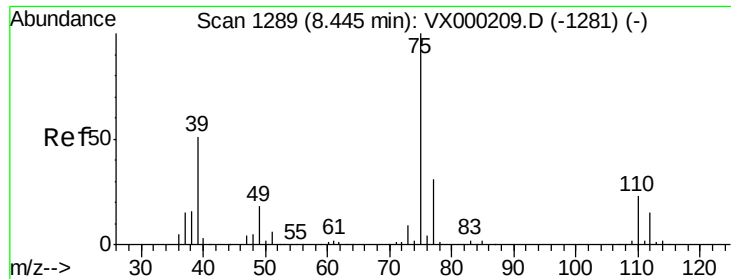
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#52
Toluene
Concen: 5.09 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VX000207.D
Acq: 07 Mar 2018 12:36

Tgt Ion: 92 Resp: 19400
Ion Ratio Lower Upper
92 100
91 175.0 139.0 208.6





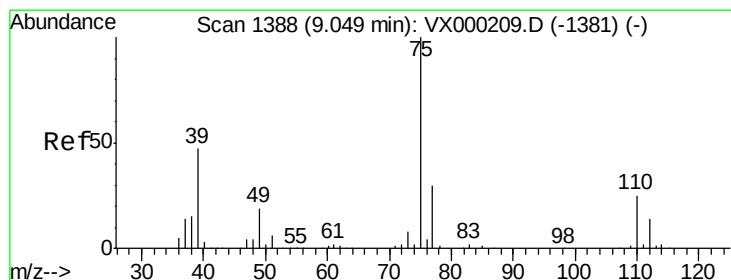
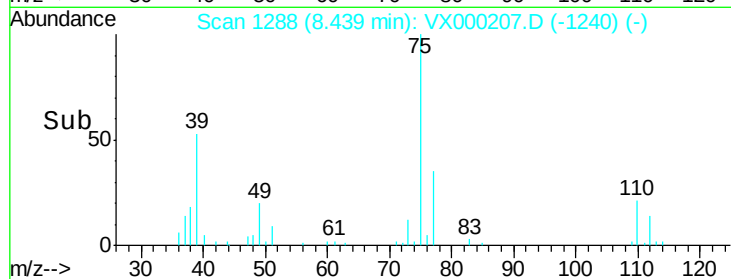
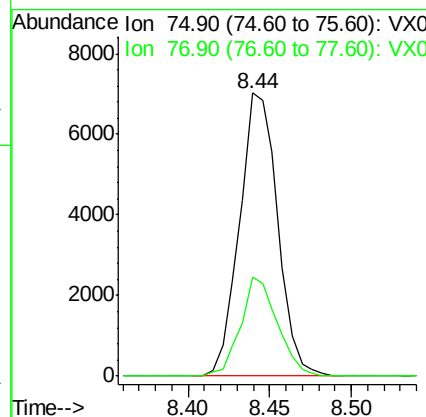
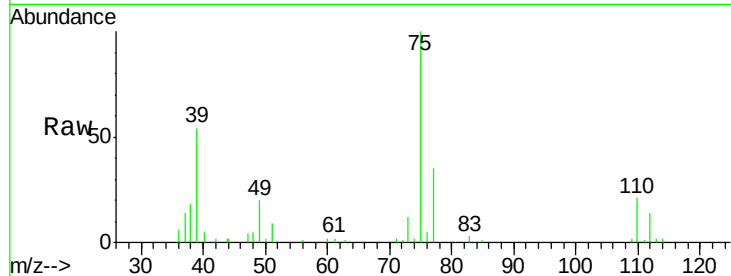
#53
 t-1,3-Dichloropropene
 Concen: 4.86 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: VX000207.D
 Acq: 07 Mar 2018 12:36

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

Tot Ion: 75 Resp: 11448
 Ion Ratio Lower Upper
 75 100
 77 35.1 24.8 37.2

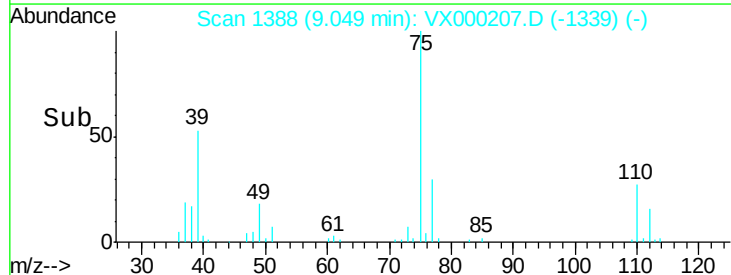
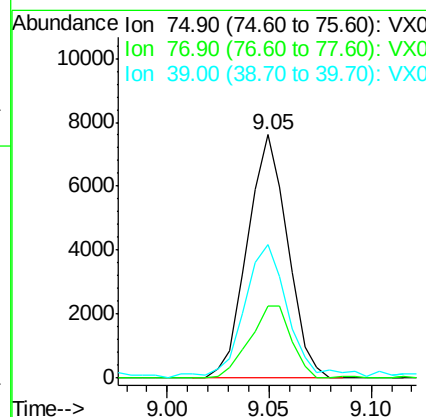
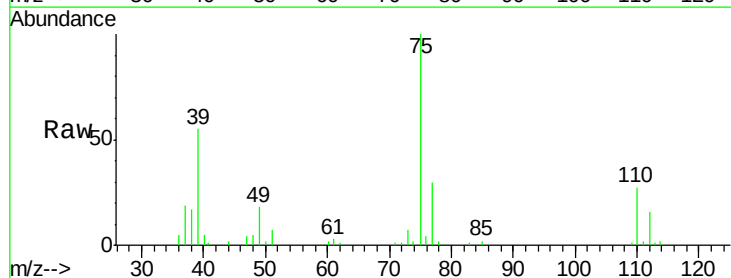
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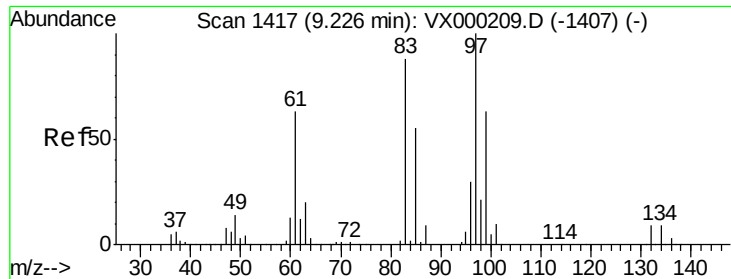
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#54
 cis-1,3-Dichloropropene
 Concen: 4.46 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX000207.D
 Acq: 07 Mar 2018 12:36

Tgt Ion: 75 Resp: 10438
 Ion Ratio Lower Upper
 75 100
 77 29.5 23.9 35.9
 39 53.2 37.4 56.2





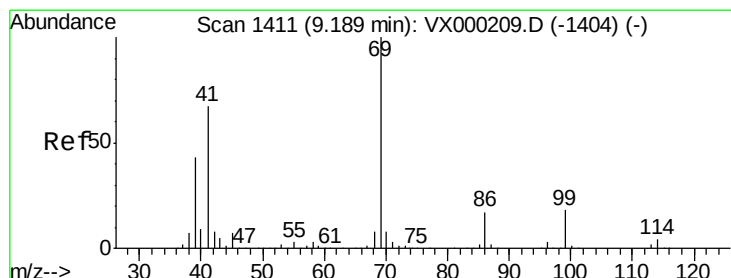
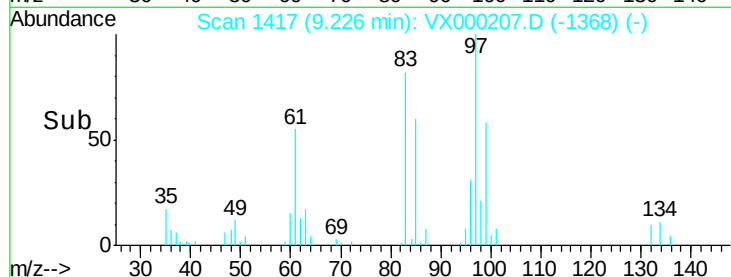
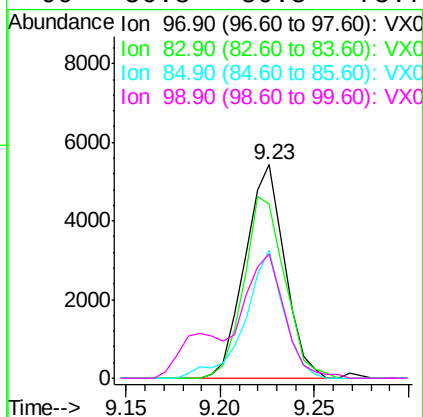
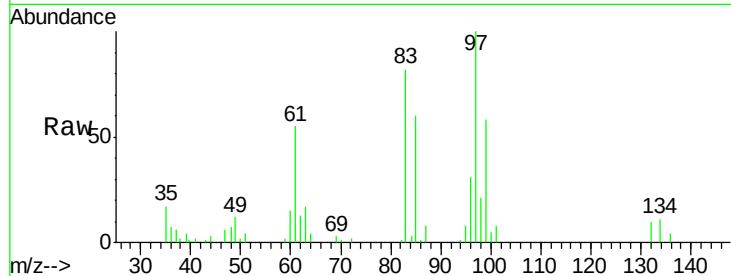
#55
 1,1,2-Trichloroethane
 Concen: 5.05 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000207.D
 Acq: 07 Mar 2018 12:36

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

Tot Ion:	97	Resp:	7909
Ion	Ratio	Lower	Upper
97	100		
83	81.6	70.4	105.6
85	59.9	43.9	65.9
99	56.8	50.5	75.7

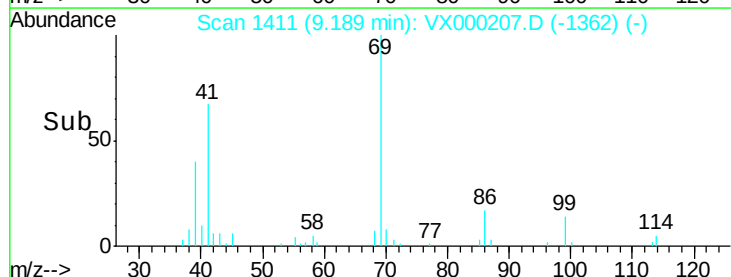
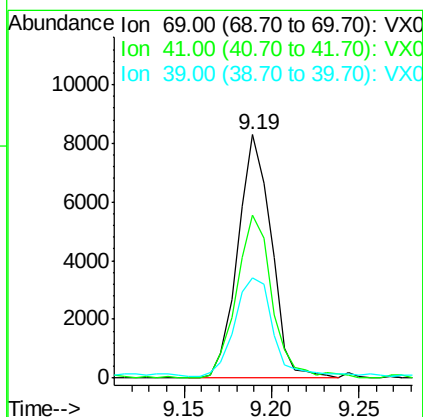
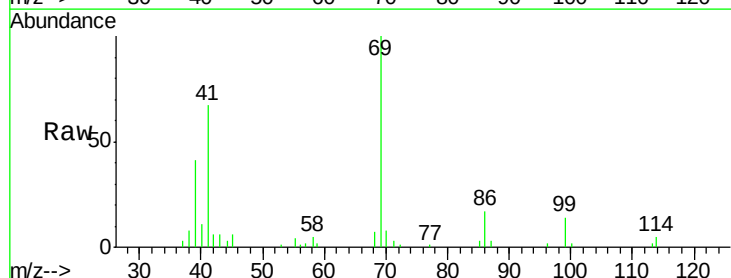
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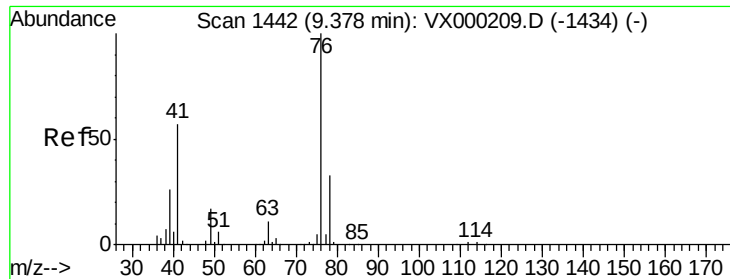
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#56
 Ethyl methacrylate
 Concen: 4.60 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX000207.D
 Acq: 07 Mar 2018 12:36

Tgt Ion:	69	Resp:	11084
Ion	Ratio	Lower	Upper
69	100		
41	71.5	52.2	78.2
39	46.4	34.3	51.5





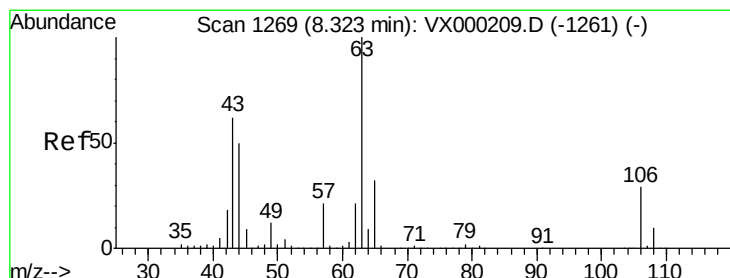
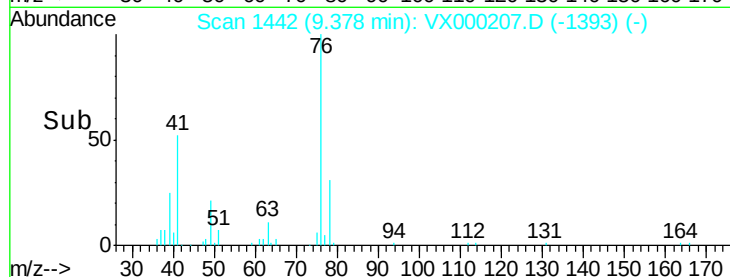
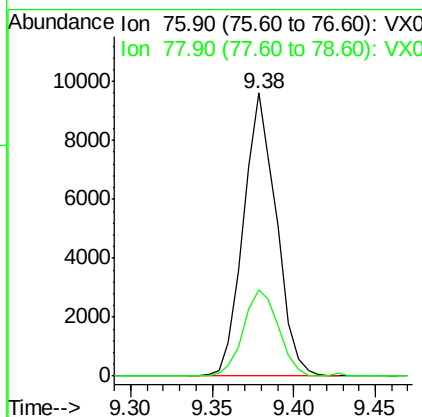
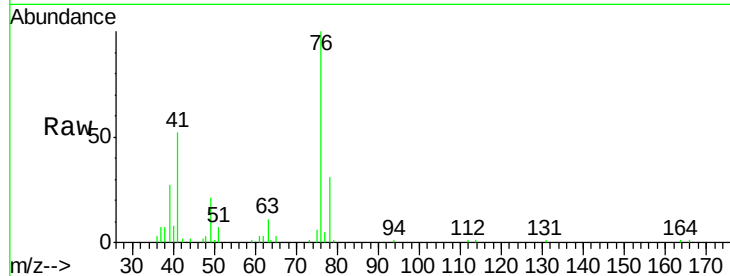
#57
 1,3-Dichloropropane
 Concen: 5.41 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX000207.D
 Acq: 07 Mar 2018 12:36

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

Tot Ion: 76 Resp: 13503
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.2 39.2

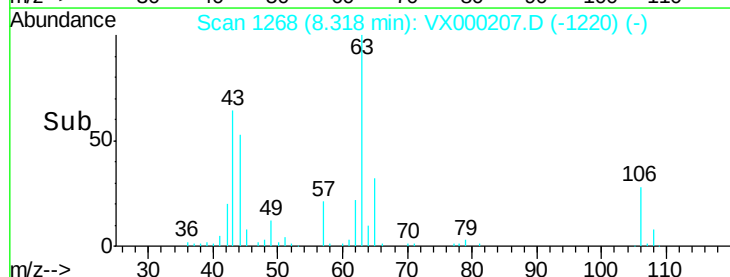
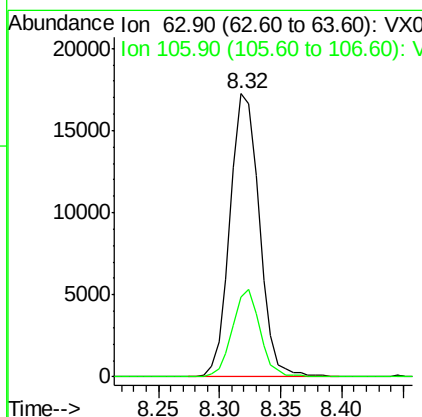
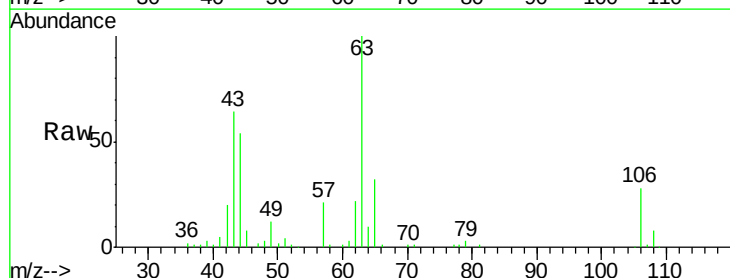
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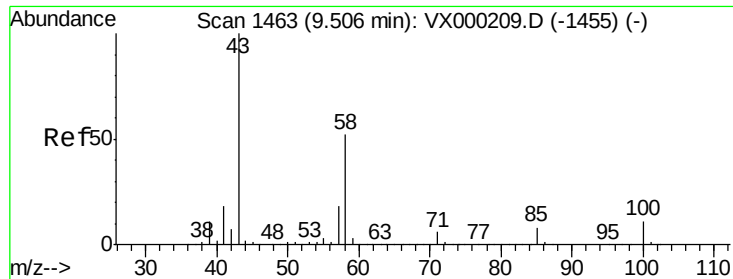
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#58
 2-Chloroethyl Vinyl ether
 Concen: 23.50 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX000207.D
 Acq: 07 Mar 2018 12:36

Tgt Ion: 63 Resp: 28584
 Ion Ratio Lower Upper
 63 100
 106 29.0 23.2 34.8





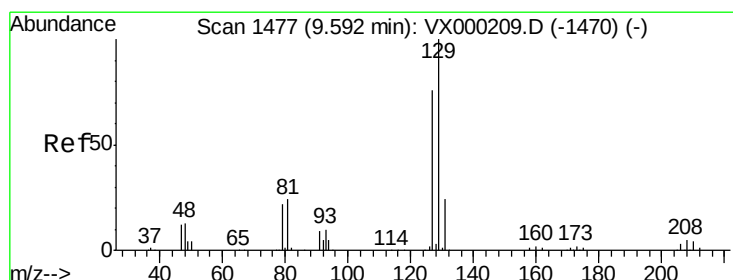
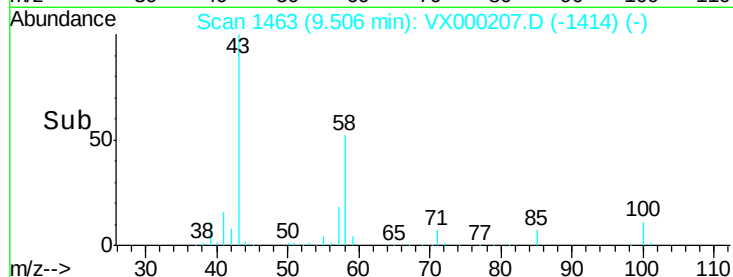
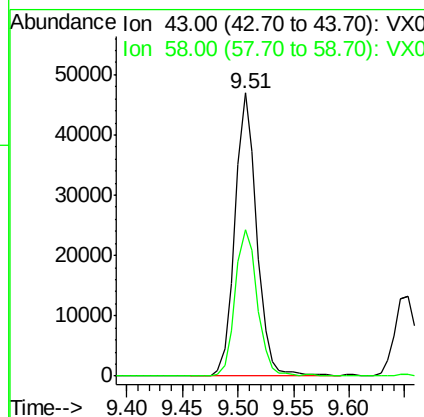
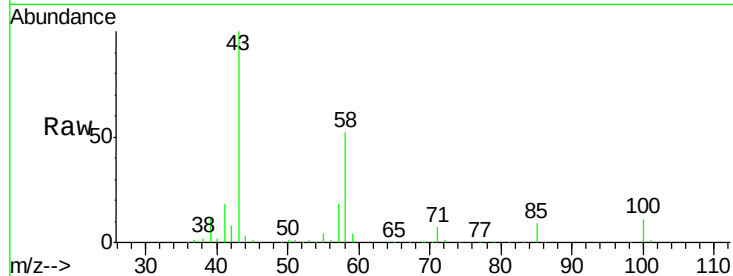
#59
2-Hexanone
Concen: 25.76 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000207.D
Acq: 07 Mar 2018 12:36

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion: 43 Resp: 63703
Ion Ratio Lower Upper
43 100
58 53.0 26.6 79.7

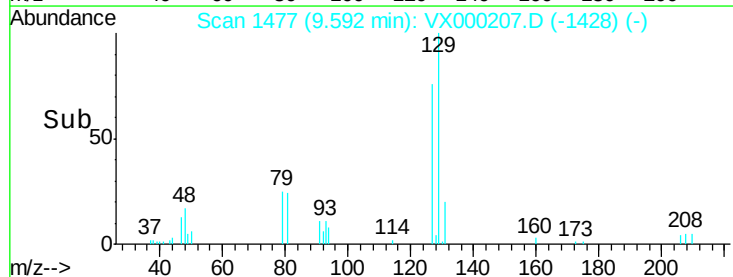
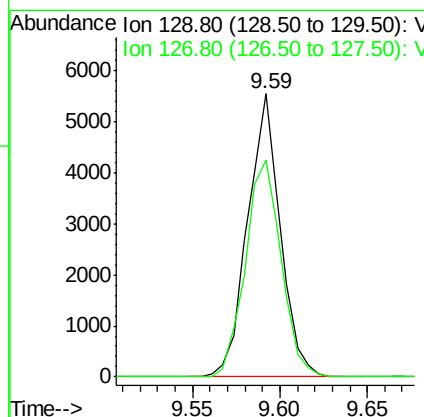
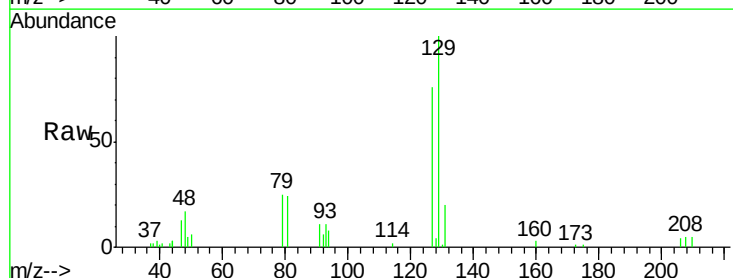
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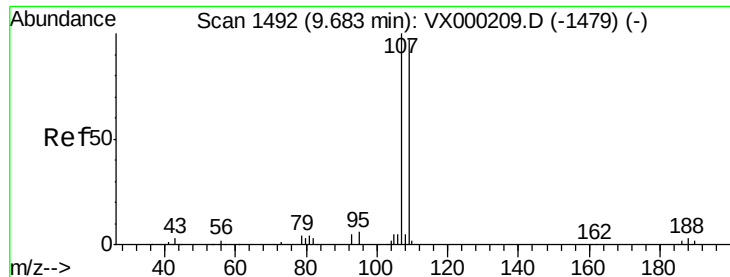
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#60
Dibromochloromethane
Concen: 4.09 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000207.D
Acq: 07 Mar 2018 12:36

Tgt Ion: 129 Resp: 7186
Ion Ratio Lower Upper
129 100
127 83.4 39.1 117.2





#61

1,2-Dibromoethane

Concen: 4.91 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000207.D

Acq: 07 Mar 2018 12:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 107 Resp: 8555

Ion Ratio Lower Upper

107 100

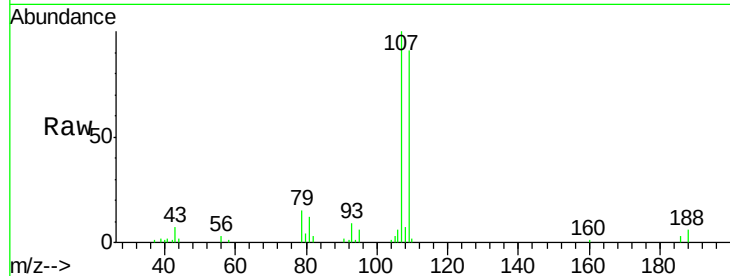
109 91.2 76.8 115.2

Manual Integrations

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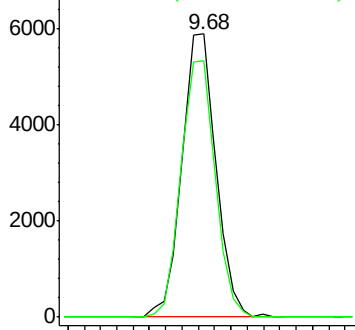
apatel

3/8/2018 10:42:09 AM

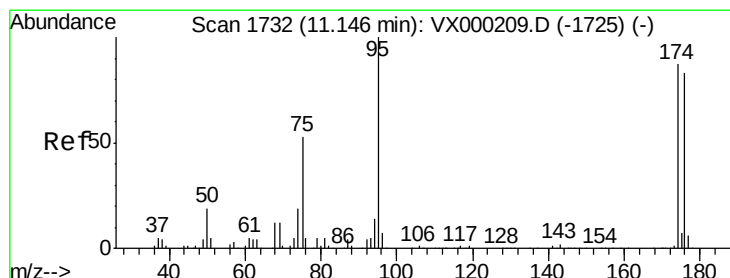
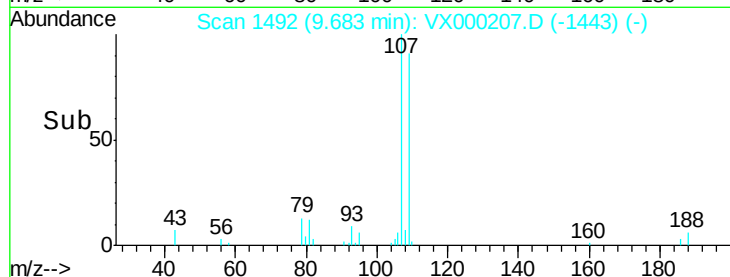


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 4.97 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000207.D

Acq: 07 Mar 2018 12:36

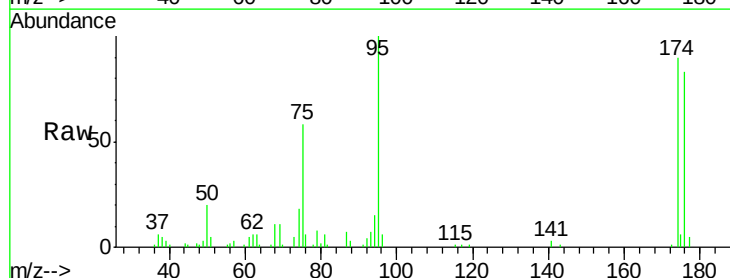
Tgt Ion: 95 Resp: 10847

Ion Ratio Lower Upper

95 100

174 88.5 0.0 175.6

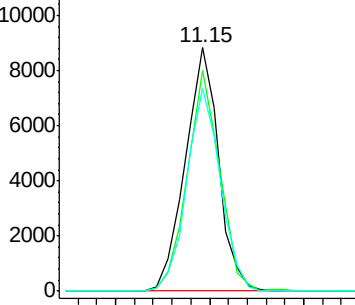
176 83.5 0.0 171.0



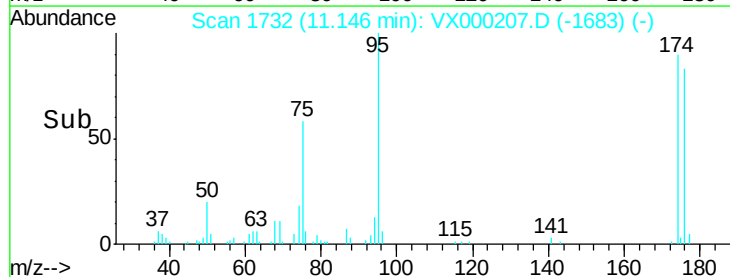
Abundance Ion 94.90 (94.60 to 95.60): VX0

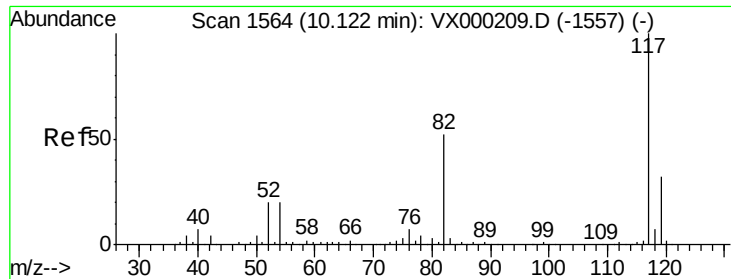
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





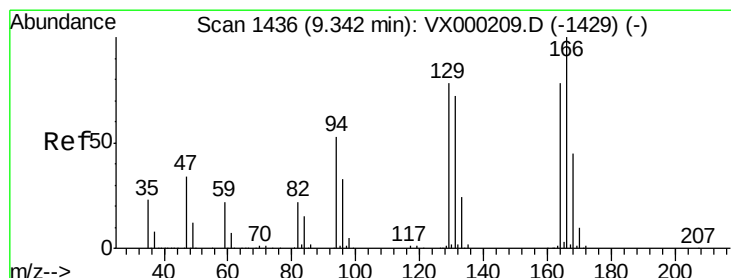
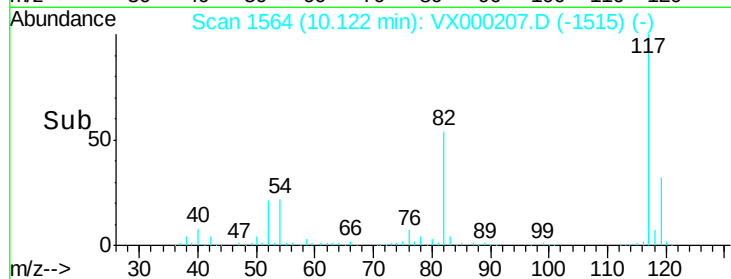
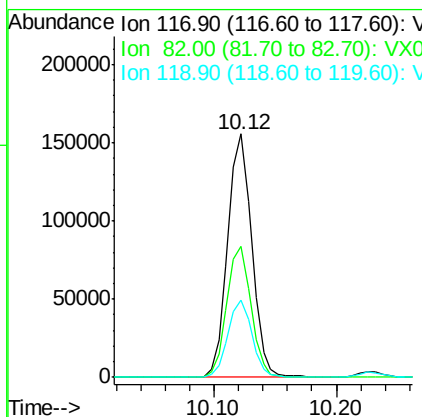
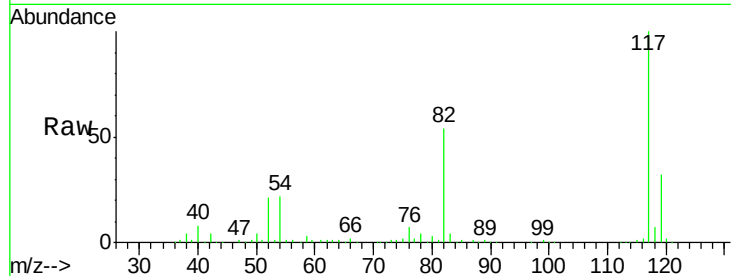
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000207.D
Acq: 07 Mar 2018 12:36

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	42.0	63.0
119	31.6	25.3	37.9

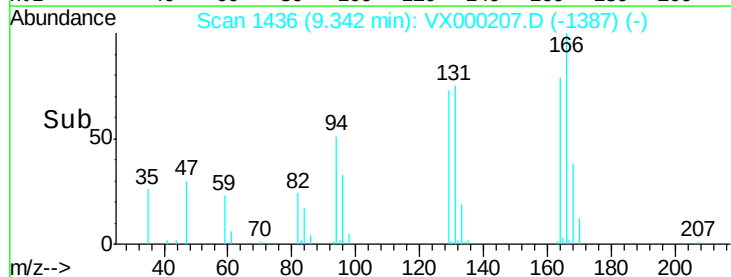
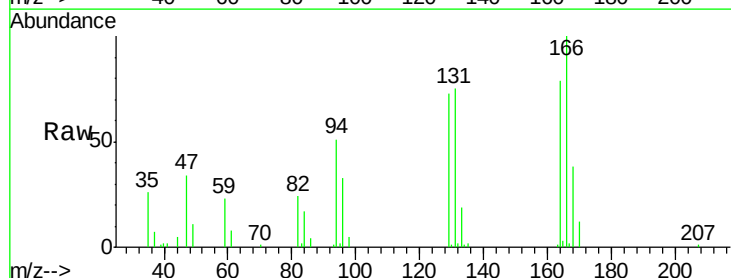
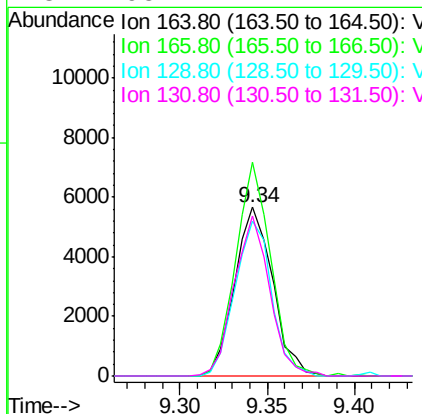
Manual Integrations
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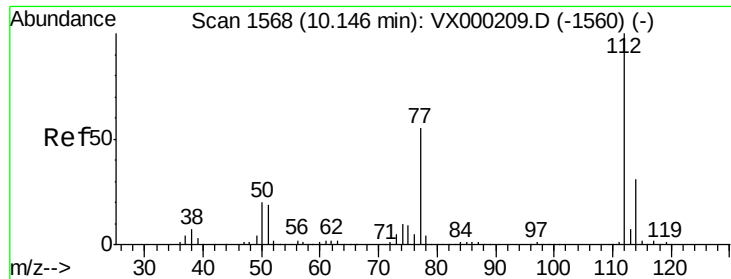
apatel
3/8/2018 10:42:09 AM



#64
Tetrachloroethene
Concen: 5.61 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000207.D
Acq: 07 Mar 2018 12:36

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.6	103.0	154.6
129	92.2	80.2	120.4
131	95.1	74.2	111.4





#65

Chlorobenzene

Concen: 4.95 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX000207.D

Acq: 07 Mar 2018 12:36

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

Tot Ion:112 Resp: 22153

Ion Ratio Lower Upper

112 100

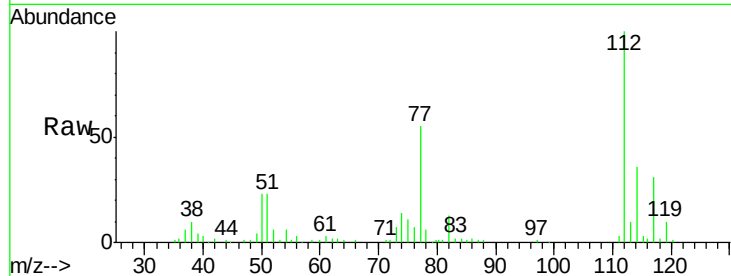
114 35.8 25.0 37.4

Manual Integrations

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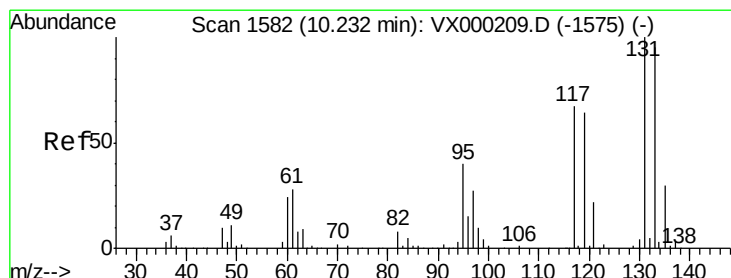
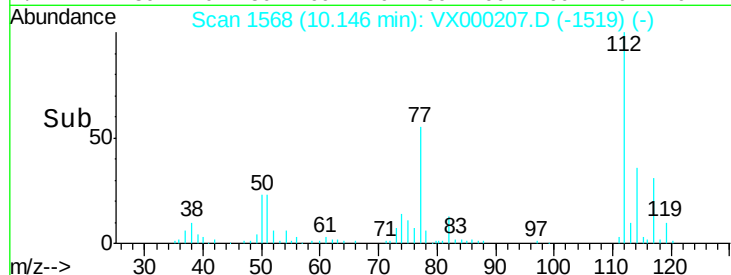
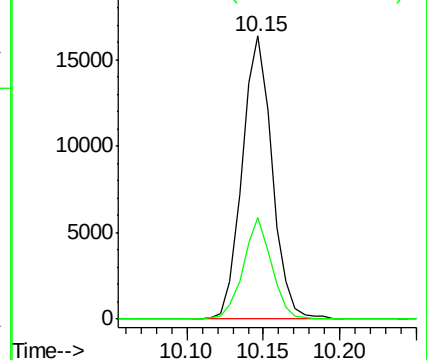
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 4.57 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. 0.00 min

Lab File: VX000207.D

Acq: 07 Mar 2018 12:36

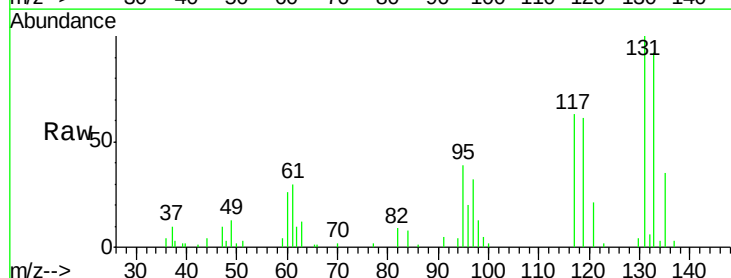
Tgt Ion:131 Resp: 7081

Ion Ratio Lower Upper

131 100

133 102.7 48.3 144.9

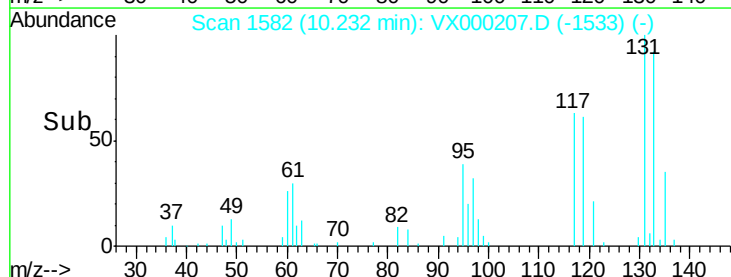
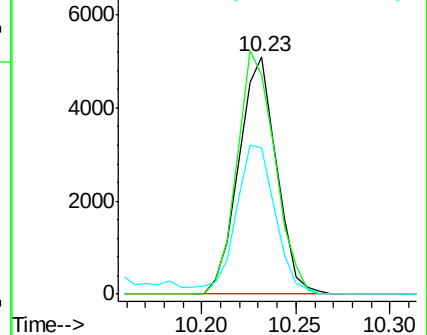
119 65.3 32.3 96.8

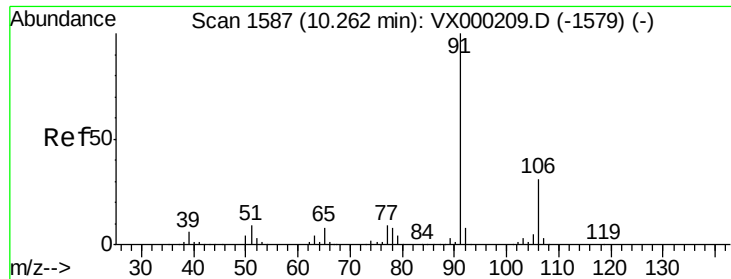


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





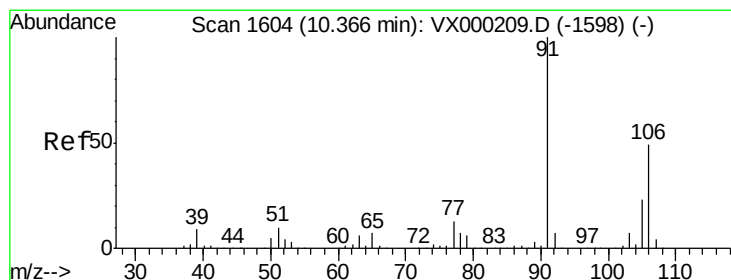
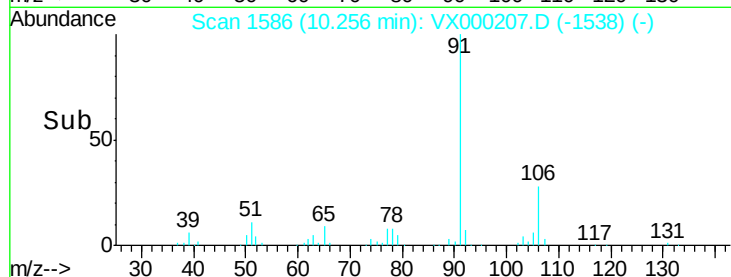
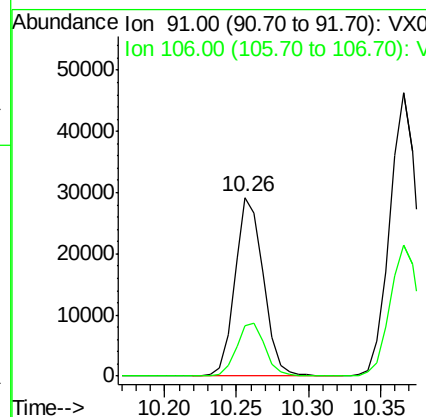
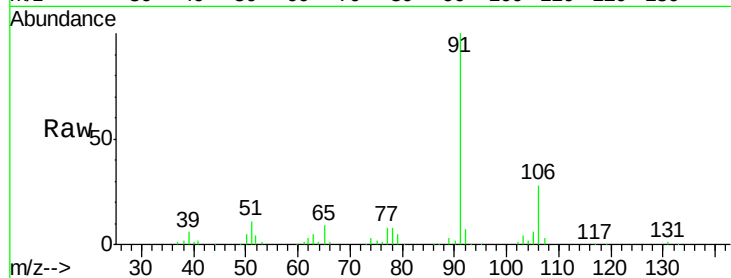
#67
Ethyl Benzene
Concen: 5.36 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VX000207.D
Acq: 07 Mar 2018 12:36

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion: 91 Resp: 40404
Ion Ratio Lower Upper
91 100
106 28.3 25.2 37.8

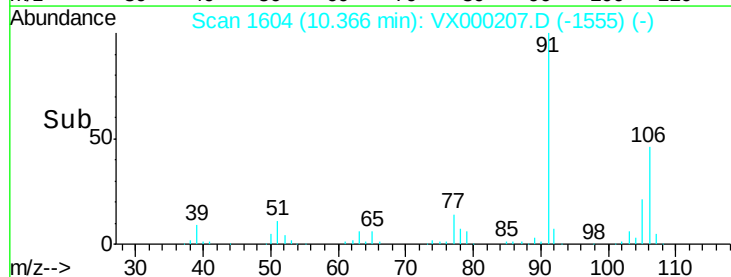
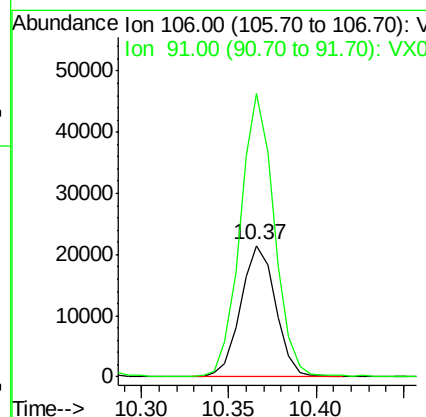
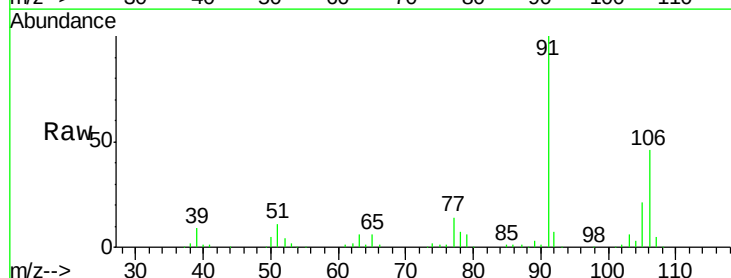
Manual Integrations
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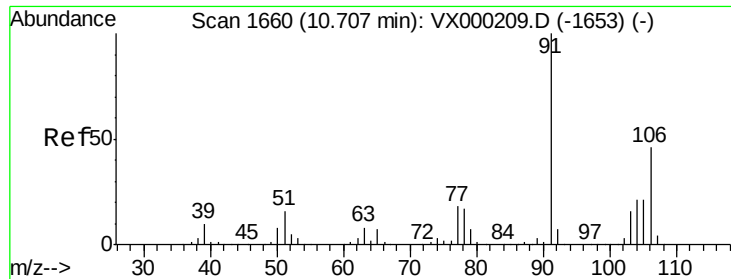
apatel
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#68
m/p-Xylenes
Concen: 9.97 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000207.D
Acq: 07 Mar 2018 12:36

Tgt Ion: 106 Resp: 29792
Ion Ratio Lower Upper
106 100
91 210.4 160.9 241.3





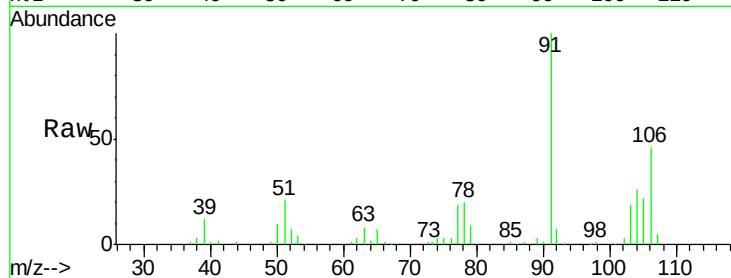
#69
o-Xylene
Concen: 5.07 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000207.D
Acq: 07 Mar 2018 12:36

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

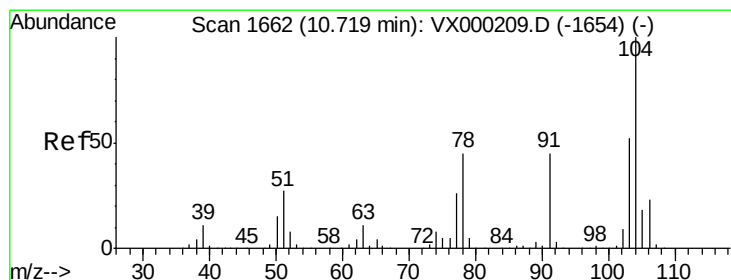
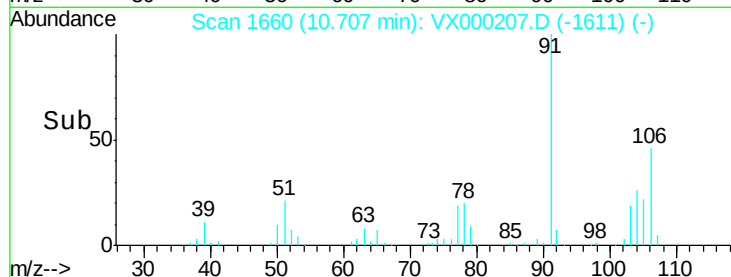
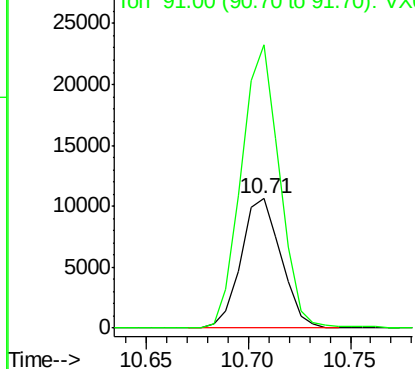
Tot Ion:106 Resp: 14555
Ion Ratio Lower Upper
106 100
91 209.4 105.9 317.7

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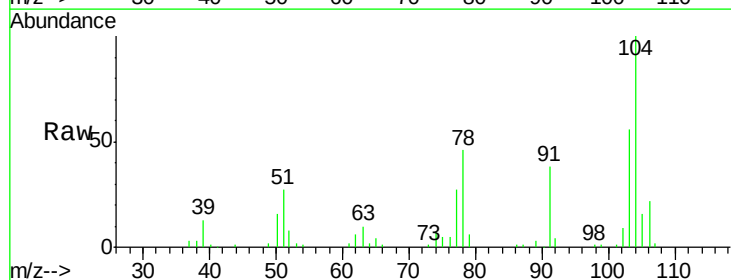


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

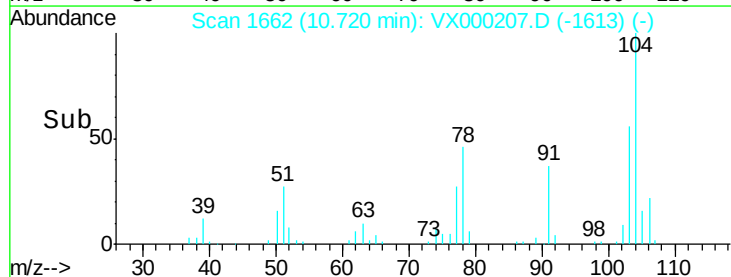
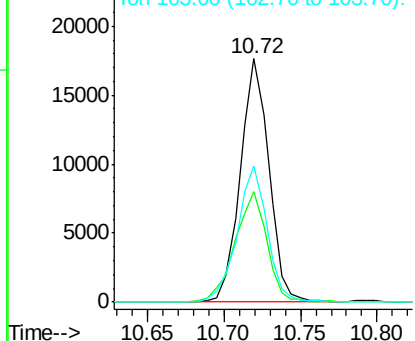


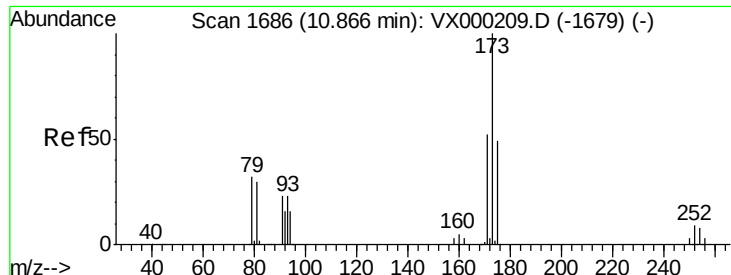
#70
Styrene
Concen: 4.86 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000207.D
Acq: 07 Mar 2018 12:36

Tgt Ion:104 Resp: 22869
Ion Ratio Lower Upper
104 100
78 50.6 39.6 59.4
103 58.9 45.0 67.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 4.21 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000207.D

Acq: 07 Mar 2018 12:36

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

Tot Ion:173 Resp: 5887

Ion Ratio Lower Upper

173 100

175 44.9 24.4 73.2

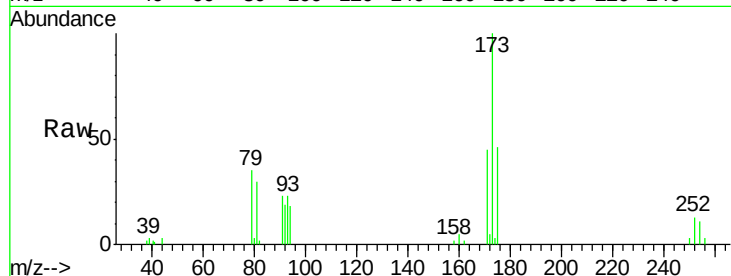
254 0.0 0.2 0.2#

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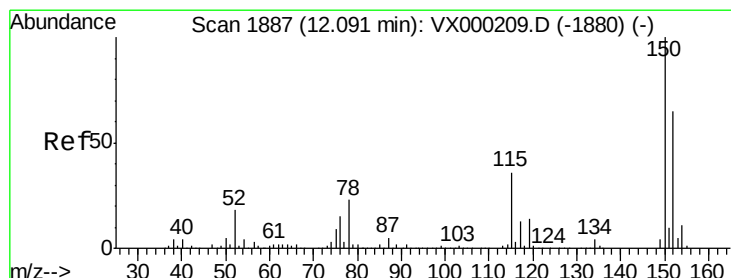
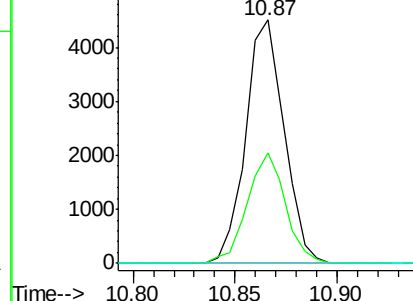
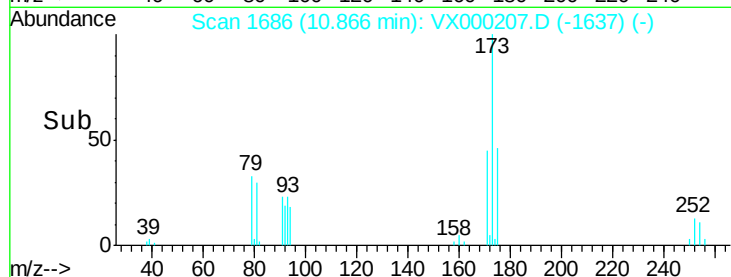
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000207.D

Acq: 07 Mar 2018 12:36

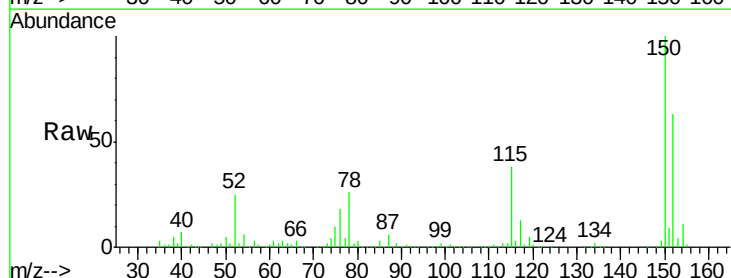
Tgt Ion:152 Resp: 118044

Ion Ratio Lower Upper

152 100

115 58.4 39.8 119.3

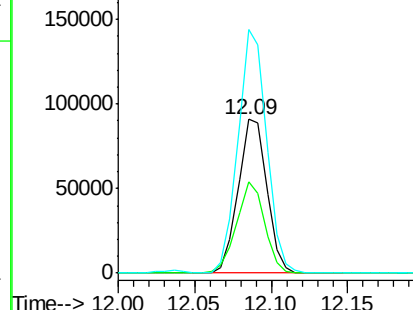
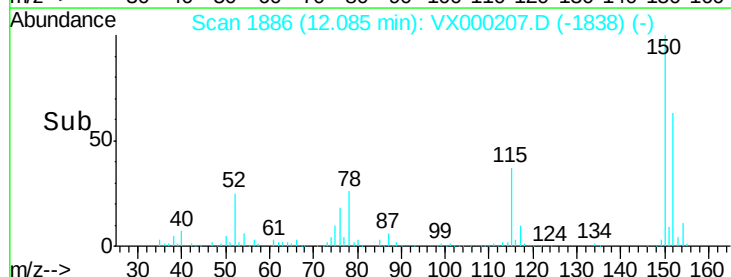
150 157.8 0.0 345.0

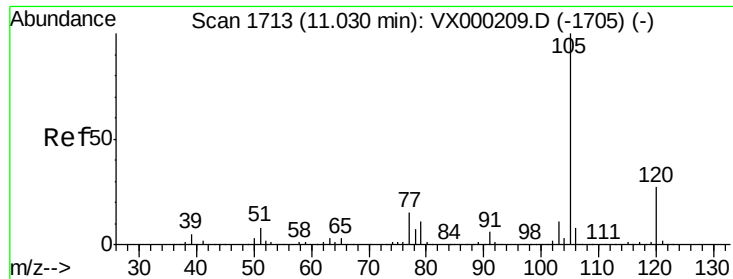


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.33 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000207.D

Acq: 07 Mar 2018 12:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 39642

Ion Ratio Lower Upper

105 100

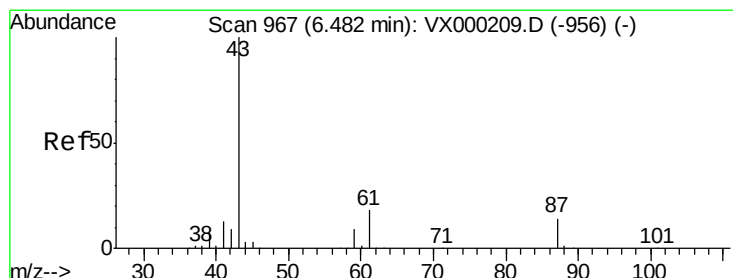
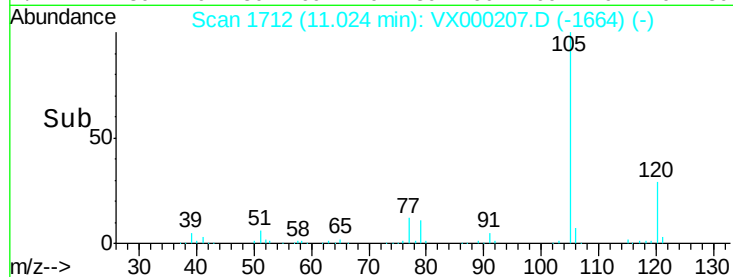
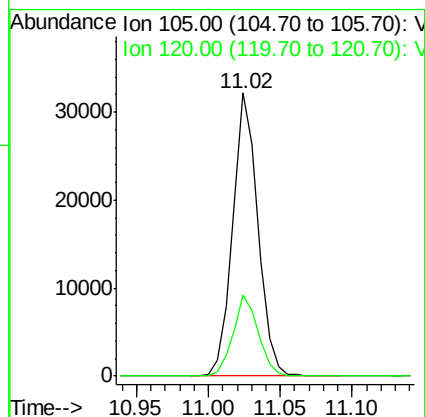
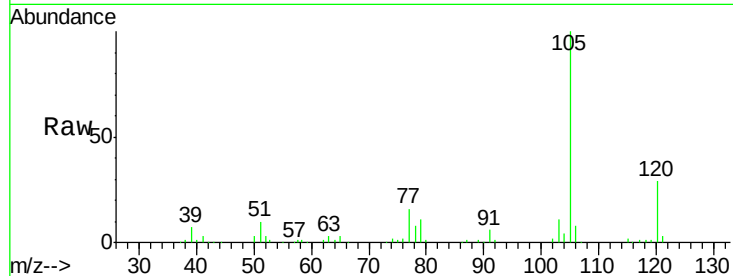
120 28.4 13.5 40.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 5.53 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.00 min

Lab File: VX000207.D

Acq: 07 Mar 2018 12:36

Tgt Ion: 43 Resp: 20704

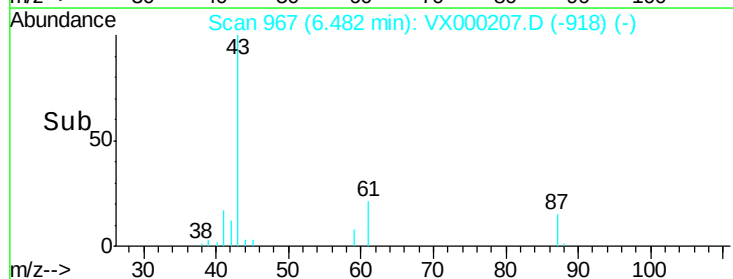
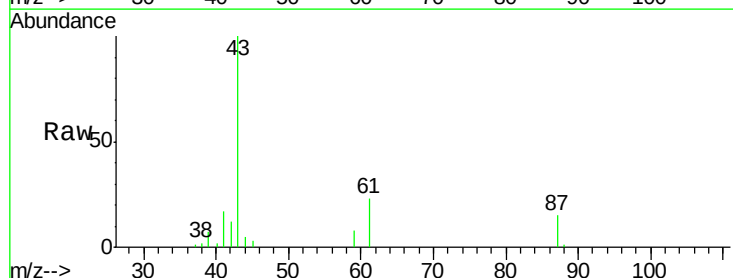
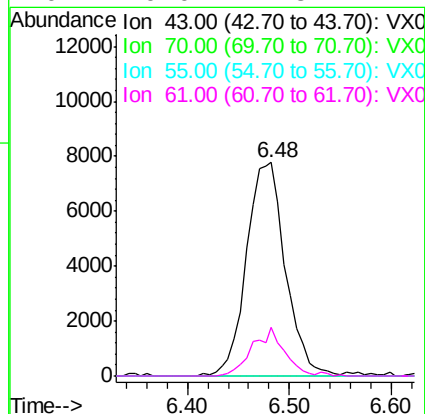
Ion Ratio Lower Upper

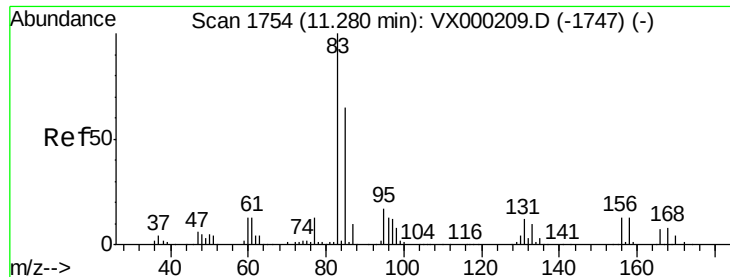
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 19.0 14.8 22.2





#75

1,1,2,2-Tetrachloroethane

Concen: 5.39 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000207.D

Acq: 07 Mar 2018 12:36

Instrument :

MSVOA_X

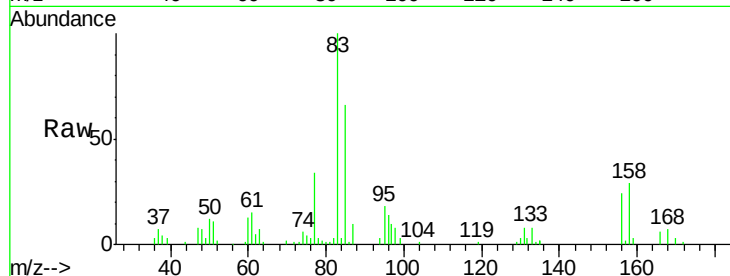
ClientSampled :

VSTDIC005

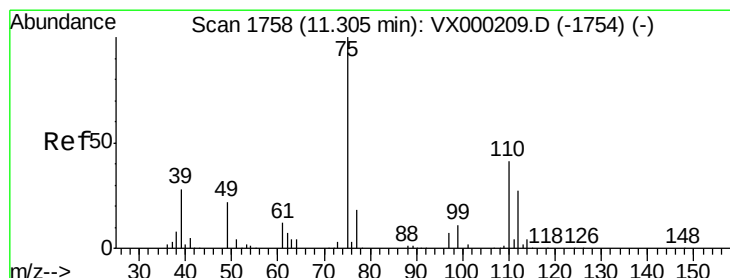
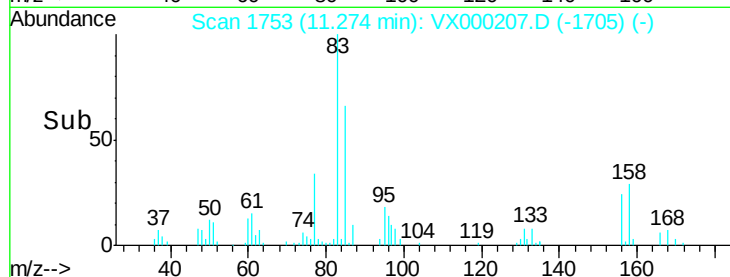
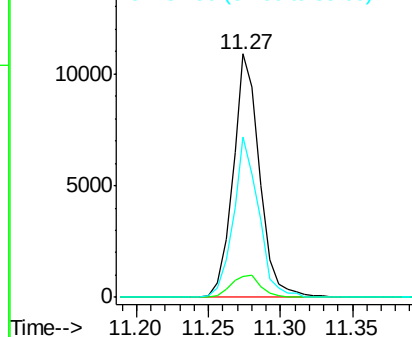
Tot Ion:	83	Resp:	13989
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.5	16.5
85	62.8	32.5	97.4

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



#76

1,2,3-Trichloropropane

Concen: 5.26 ug/l m

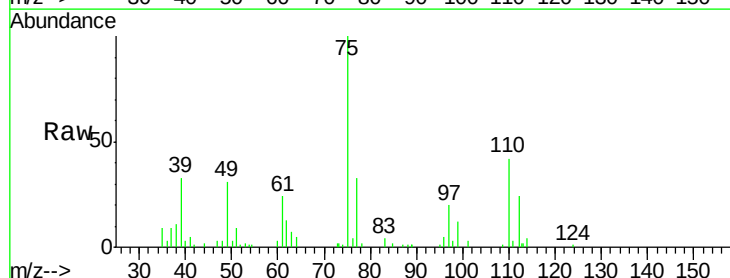
RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

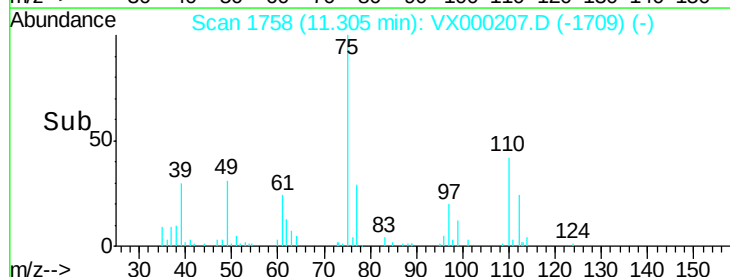
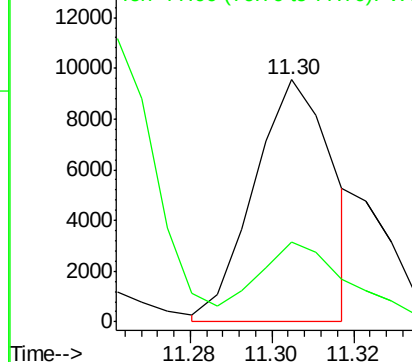
Lab File: VX000207.D

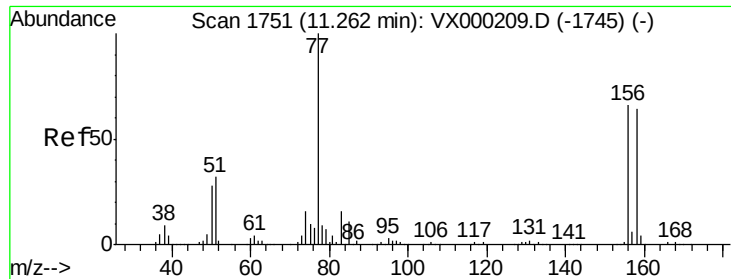
Acq: 07 Mar 2018 12:36

Tgt Ion:	75	Resp:	12745
Ion Ratio	Lower	Upper	
75	100		
77	38.6	22.3	66.8



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





#77

Bromobenzene

Concen: 4.85 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000207.D

Acq: 07 Mar 2018 12:36

Instrument :

MSVOA_X

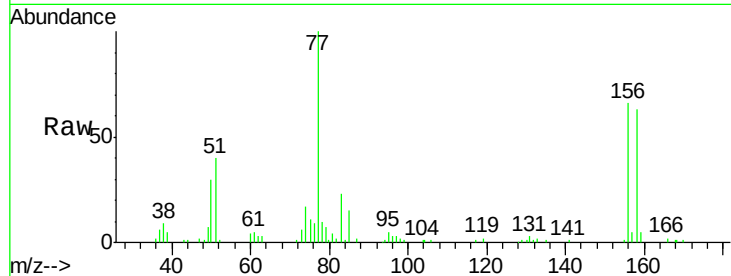
ClientSampleId :

VSTDIC005

Tot Ion	Ratio	Lower	Upper
156	100		
77	155.0	71.9	215.7
158	92.1	48.0	144.2

Manual Integrations
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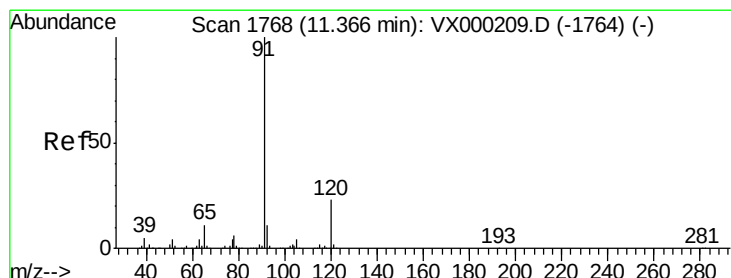
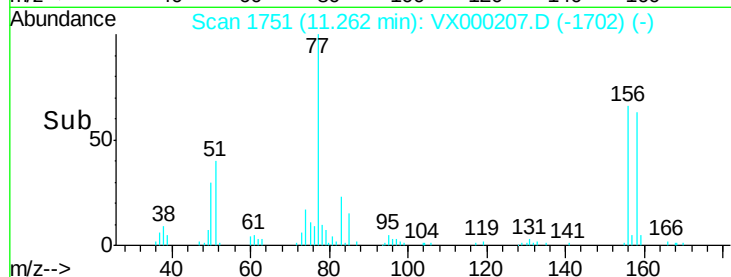
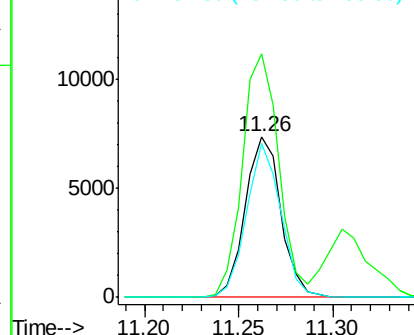
apatel
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 5.40 ug/l

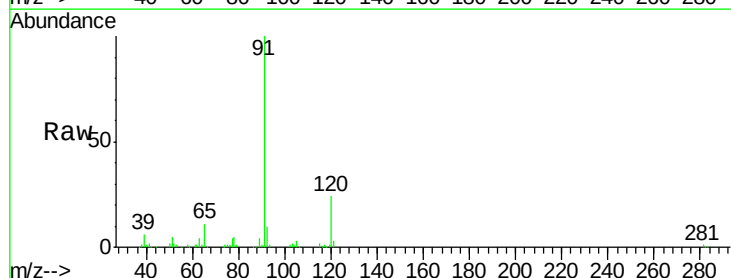
RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000207.D

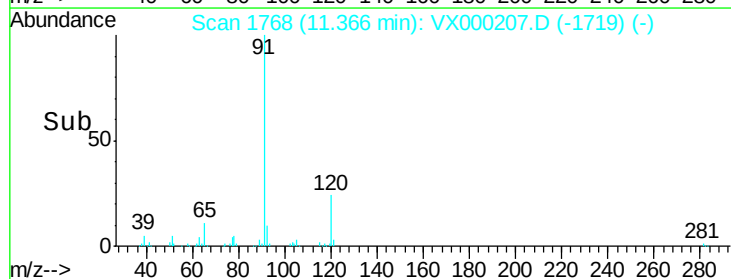
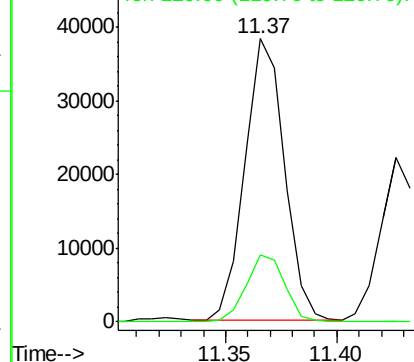
Acq: 07 Mar 2018 12:36

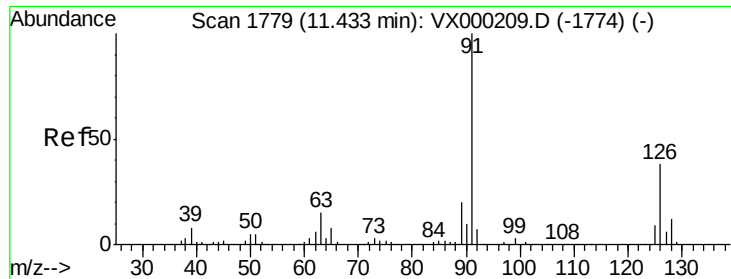
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.2	12.2	36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.39 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX000207.D

Acq: 07 Mar 2018 12:36

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

Tot Ion: 91 Resp: 26960

Ion Ratio Lower Upper

91 100

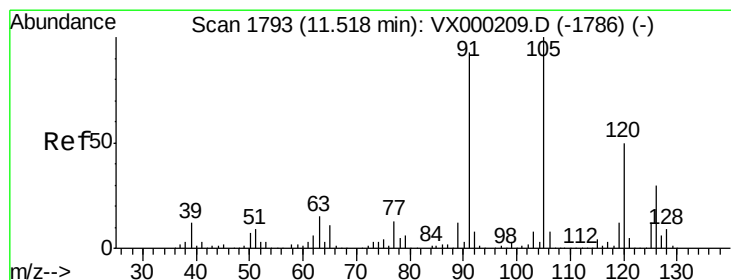
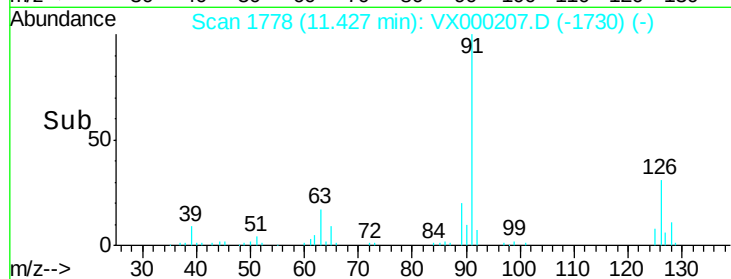
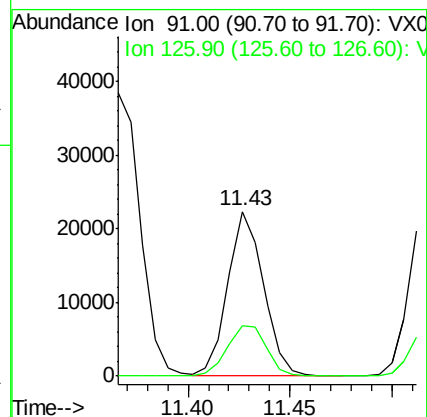
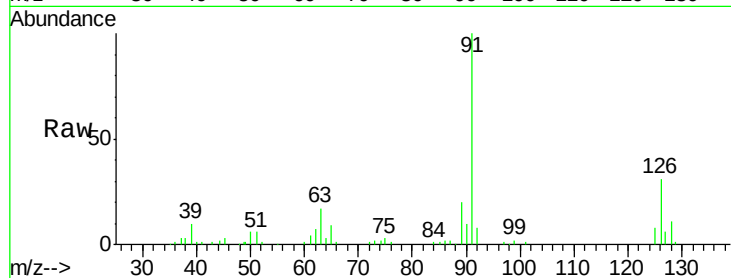
126 34.1 18.4 55.2

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#80

1,3,5-Trimethylbenzene

Concen: 5.16 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX000207.D

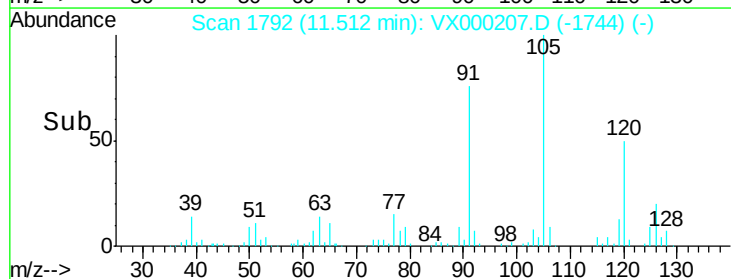
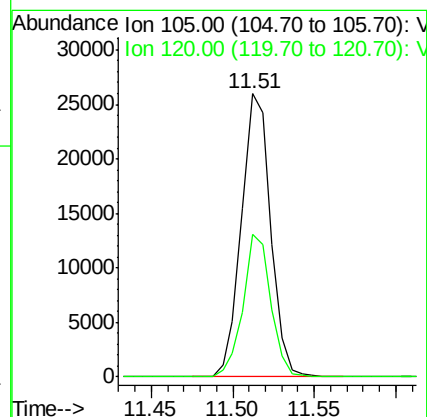
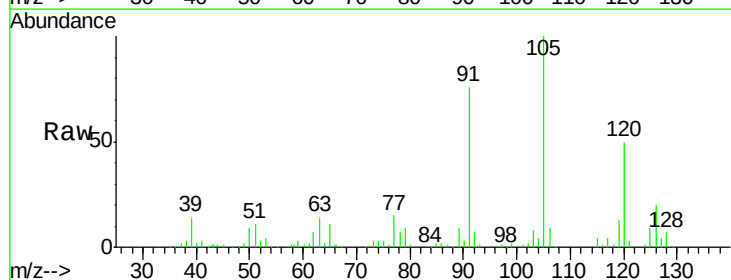
Acq: 07 Mar 2018 12:36

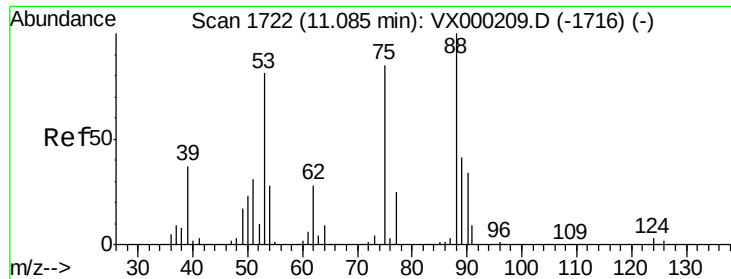
Tgt Ion: 105 Resp: 32444

Ion Ratio Lower Upper

105 100

120 47.7 24.9 74.6





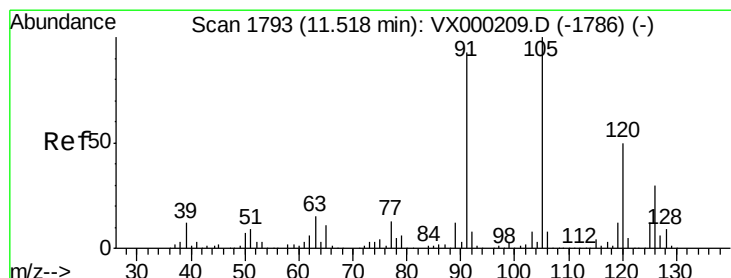
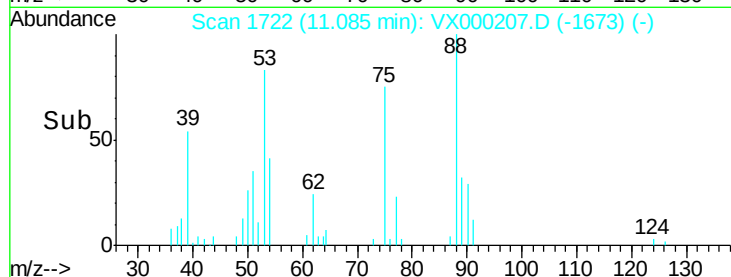
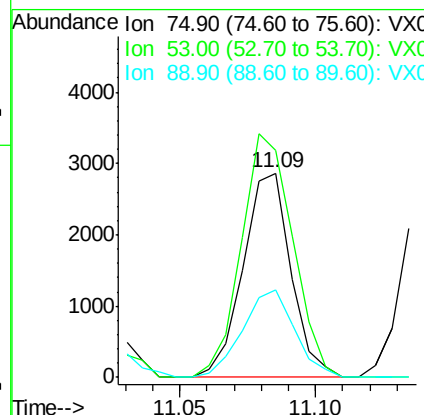
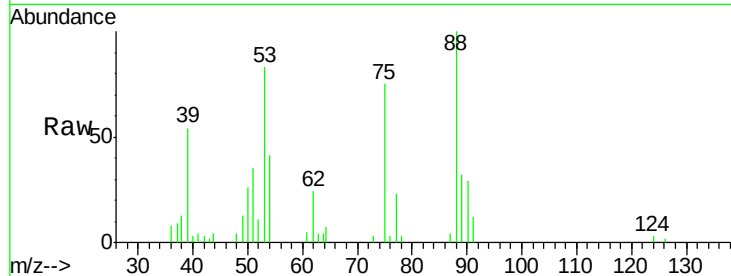
#81
trans-1,4-Dichloro-2-butene
Concen: 4.17 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VX000207.D
Acq: 07 Mar 2018 12:36

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion: 75 Resp: 3504
Ion Ratio Lower Upper
75 100
53 127.8 78.6 118.0#
89 46.8 38.8 58.2

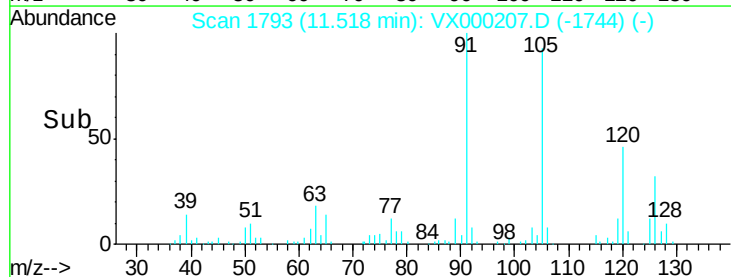
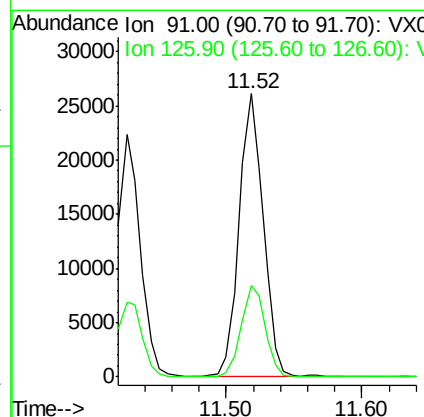
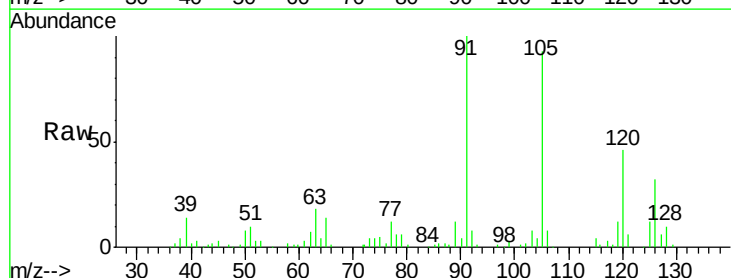
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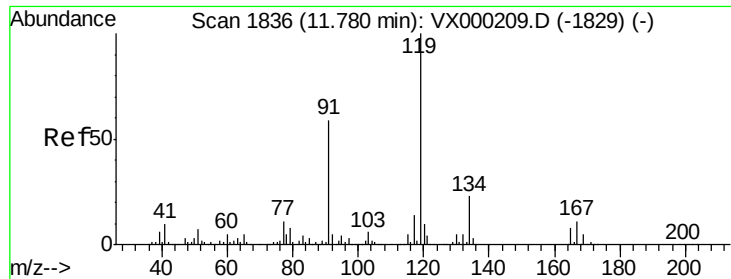
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#82
4-Chlorotoluene
Concen: 5.31 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000207.D
Acq: 07 Mar 2018 12:36

Tgt Ion: 91 Resp: 32398
Ion Ratio Lower Upper
91 100
126 31.7 16.0 48.0





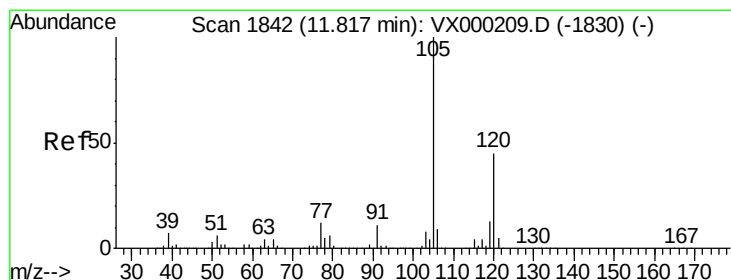
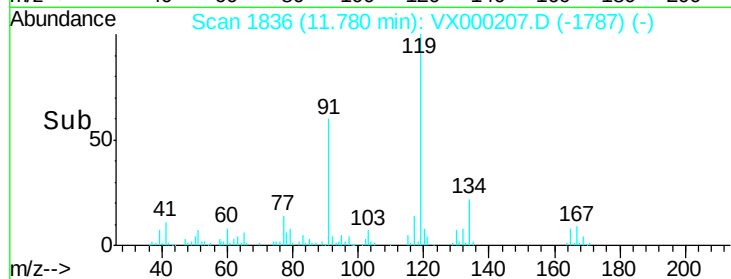
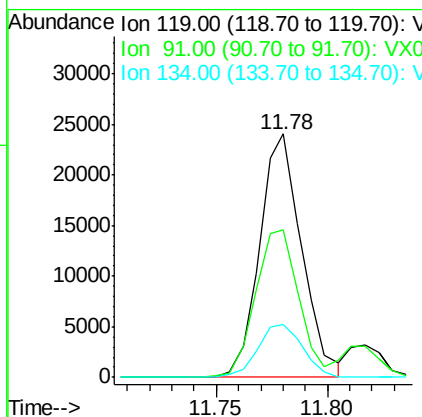
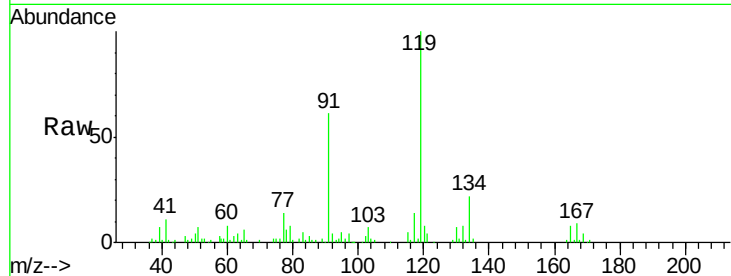
#83
 tert-Butylbenzene
 Concen: 4.97 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000207.D
 Acq: 07 Mar 2018 12:36

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.3	28.9	86.7
134	23.2	11.5	34.4

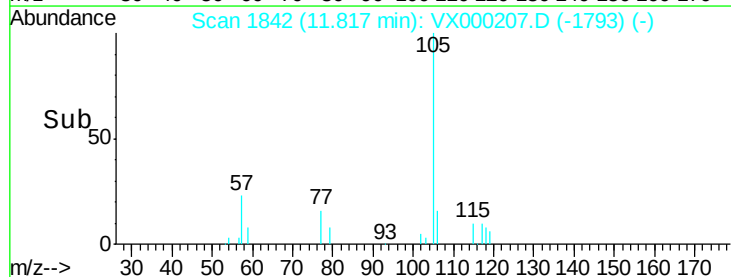
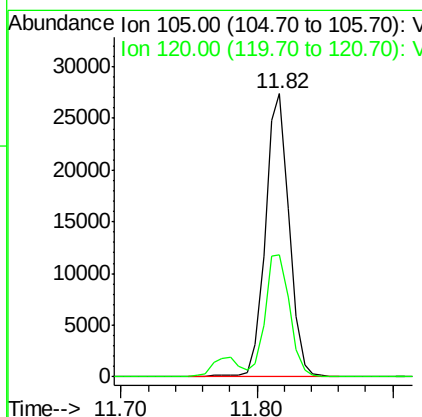
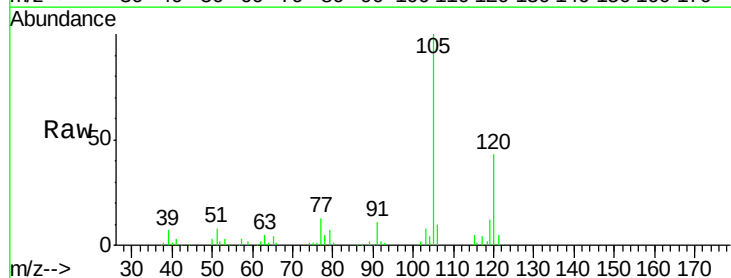
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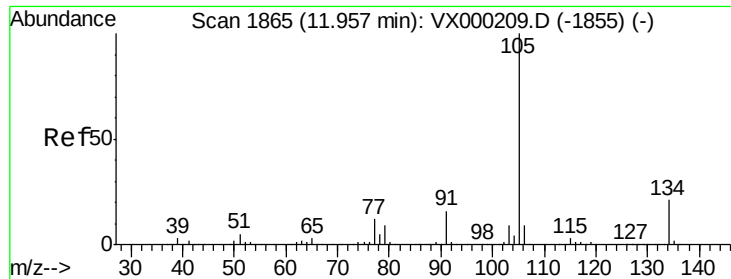
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#84
 1,2,4-Trimethylbenzene
 Concen: 5.16 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000207.D
 Acq: 07 Mar 2018 12:36

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.5	23.0	69.0





#85

sec-Butylbenzene

Concen: 5.21 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VX000207.D

Acq: 07 Mar 2018 12:36

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

Tot Ion:105 Resp: 41190

Ion Ratio Lower Upper

105 100

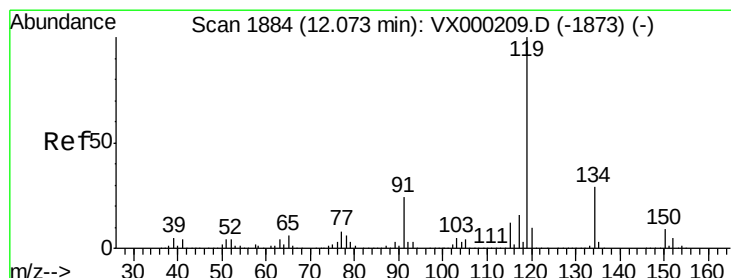
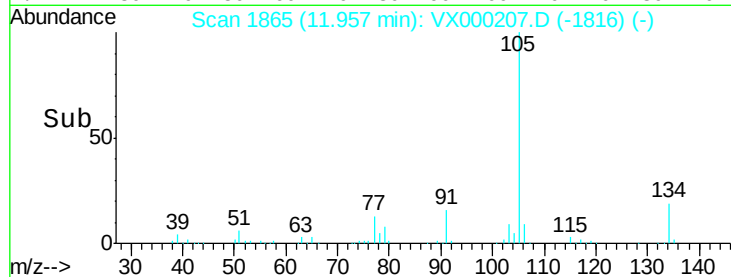
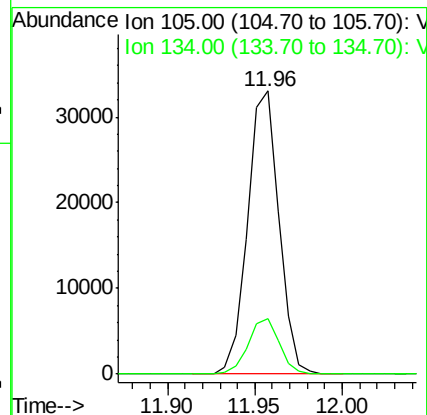
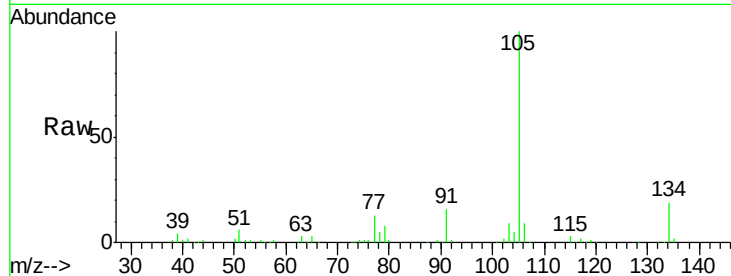
134 19.3 10.3 30.9

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 5.07 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000207.D

Acq: 07 Mar 2018 12:36

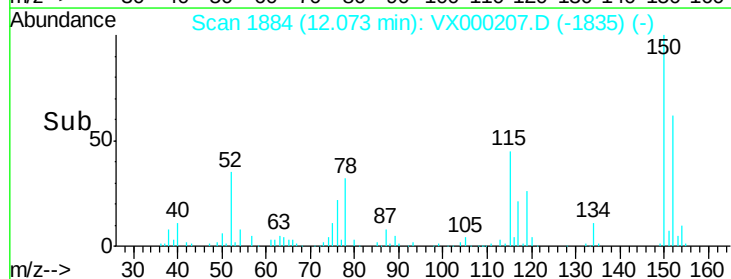
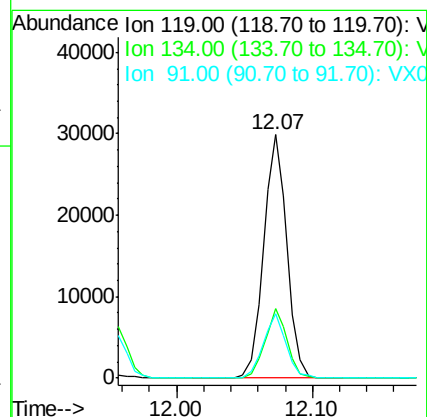
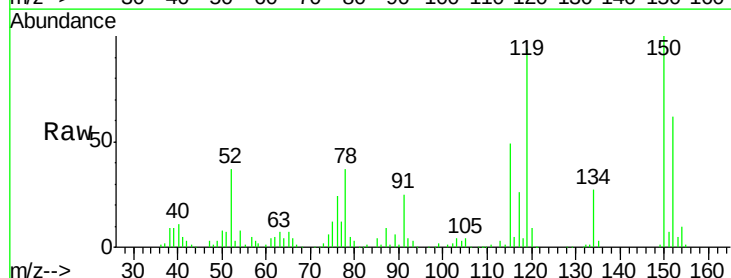
Tgt Ion:119 Resp: 35719

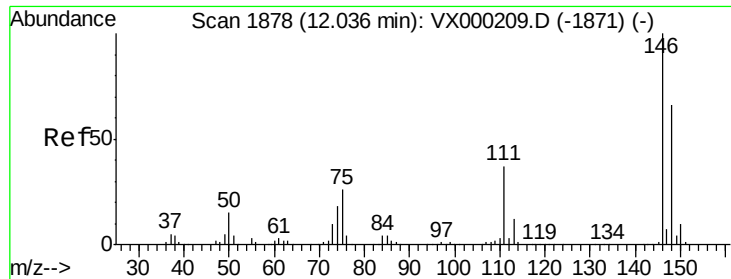
Ion Ratio Lower Upper

119 100

134 27.0 13.8 41.3

91 26.1 12.0 36.0





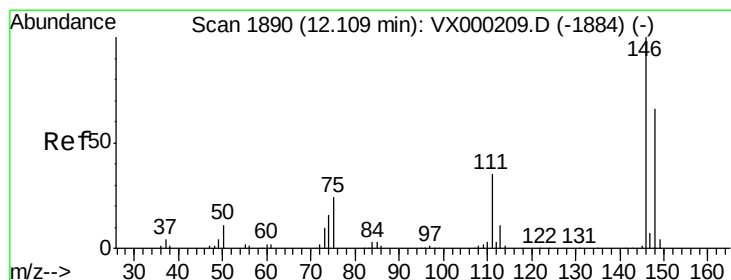
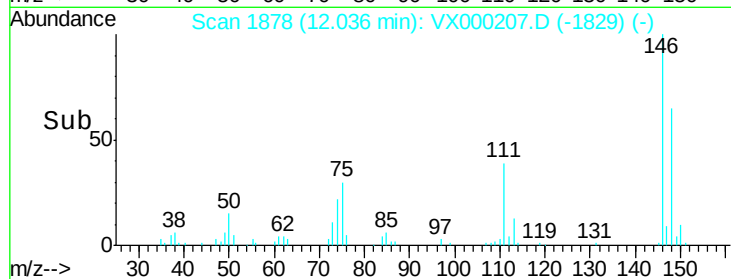
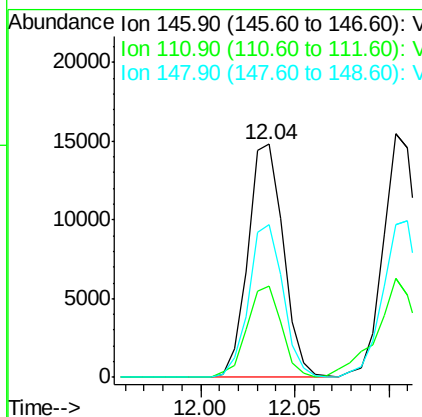
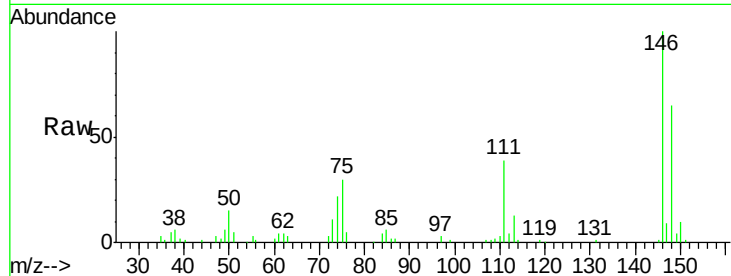
#87
 1,3-Dichlorobenzene
 Concen: 5.00 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000207.D
 Acq: 07 Mar 2018 12:36

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.0	57.0
148	63.6	32.1	96.3

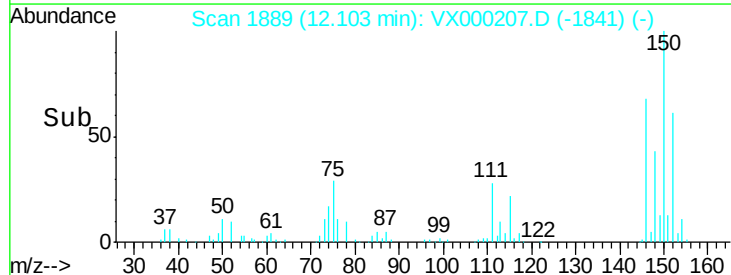
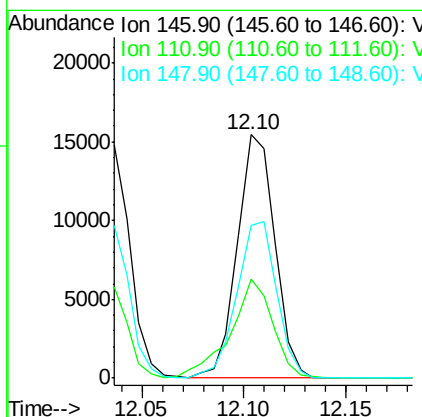
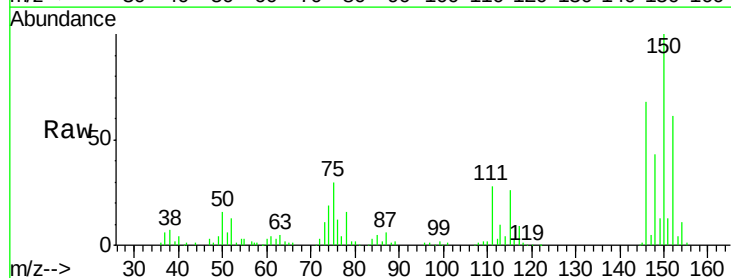
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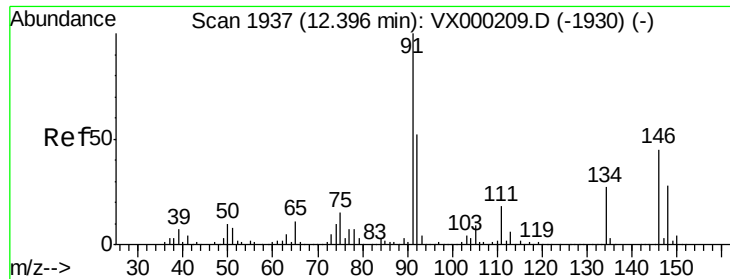
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#88
 1,4-Dichlorobenzene
 Concen: 4.97 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000207.D
 Acq: 07 Mar 2018 12:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.7	18.9	56.9
148	68.2	32.6	97.8





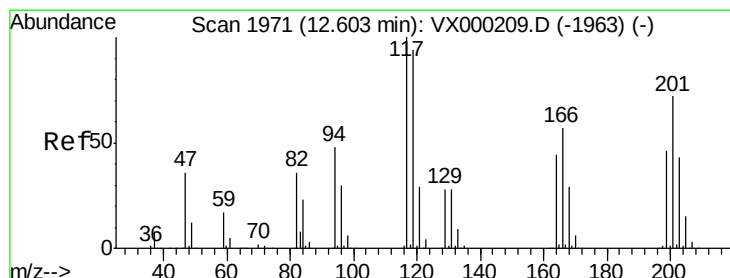
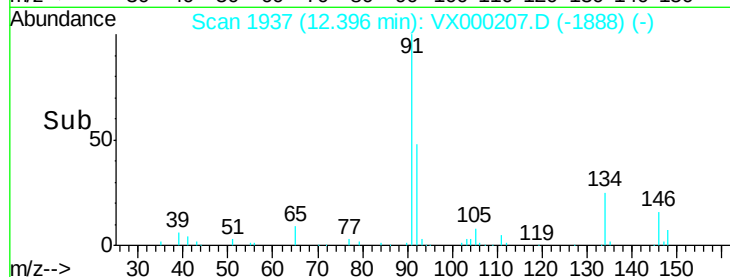
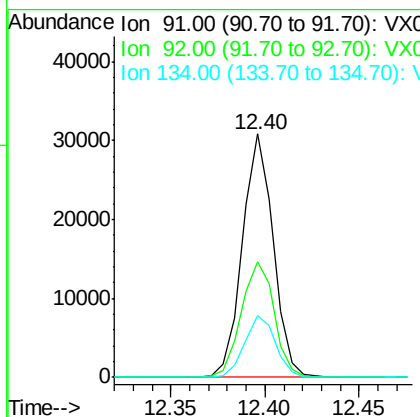
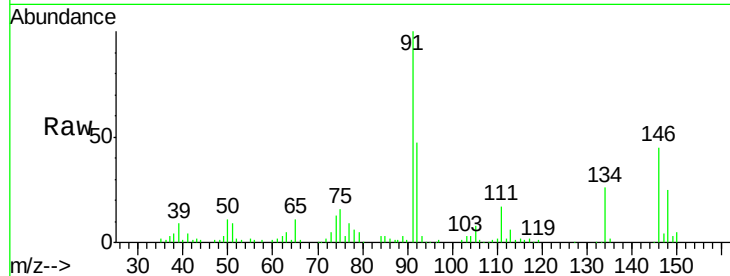
#89
n-Butylbenzene
Concen: 5.23 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000207.D
Acq: 07 Mar 2018 12:36

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.5	25.8	77.4
134	25.4	13.5	40.5

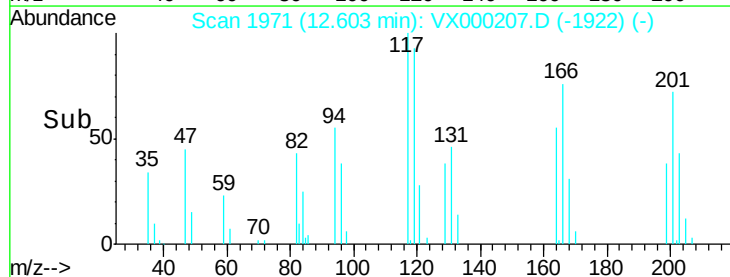
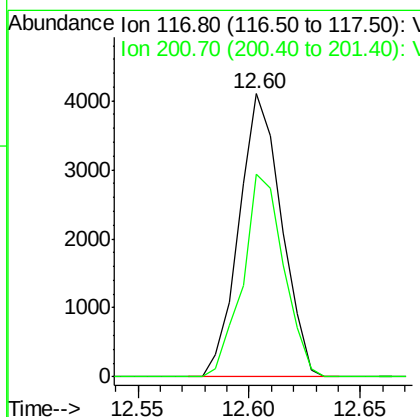
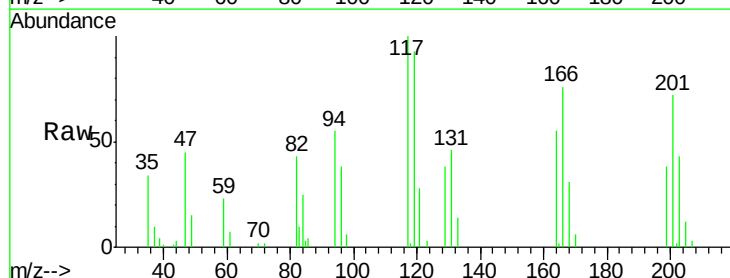
Manual Integrations
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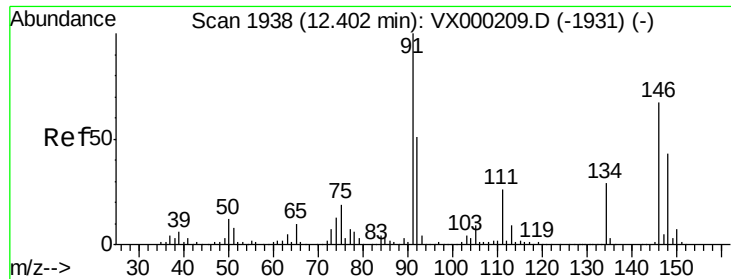
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#90
Hexachloroethane
Concen: 4.79 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000207.D
Acq: 07 Mar 2018 12:36

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.3	38.2	114.6





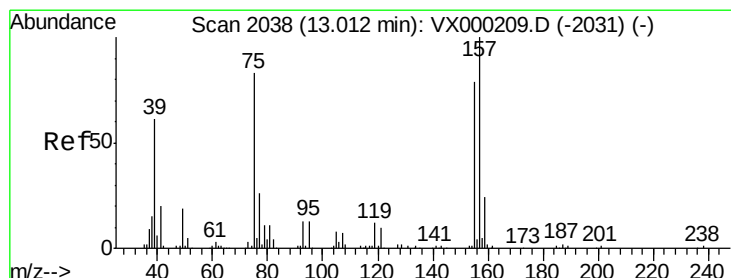
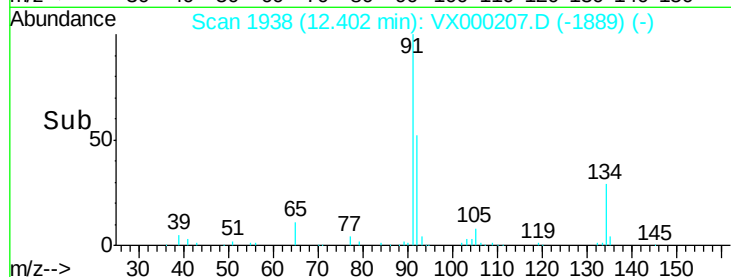
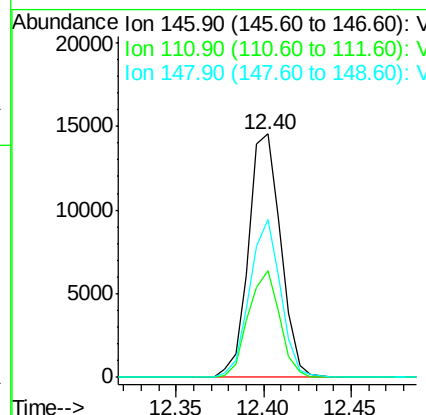
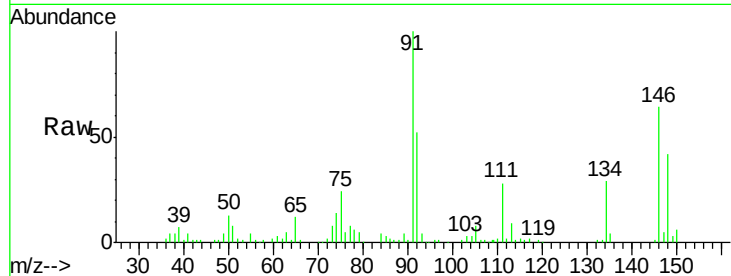
#91
 1,2-Dichlorobenzene
 Concen: 4.90 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000207.D
 Acq: 07 Mar 2018 12:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	19.7	59.0
148	62.4	32.0	96.0

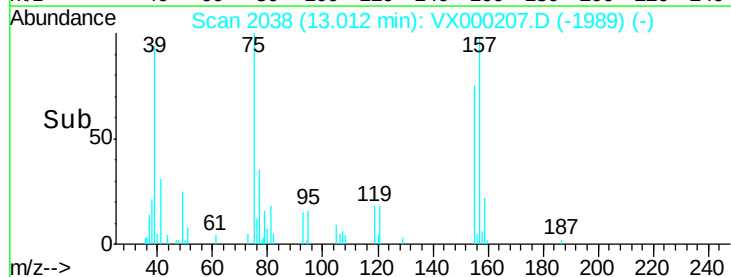
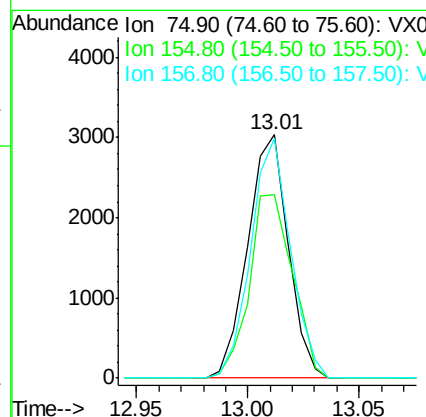
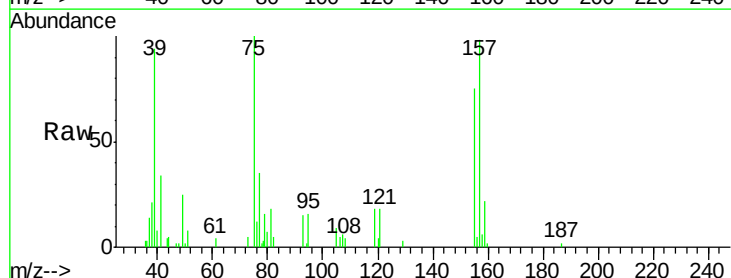
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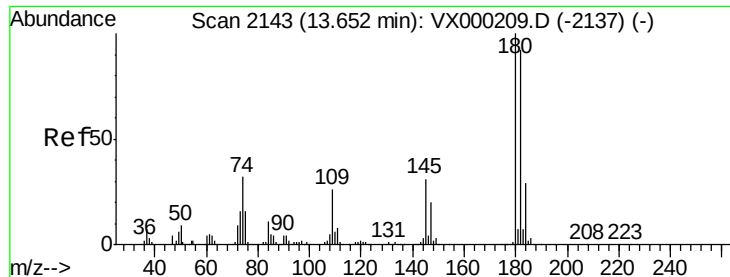
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.36 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. 0.00 min
 Lab File: VX000207.D
 Acq: 07 Mar 2018 12:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.5	45.5	136.5
157	96.7	58.6	175.8





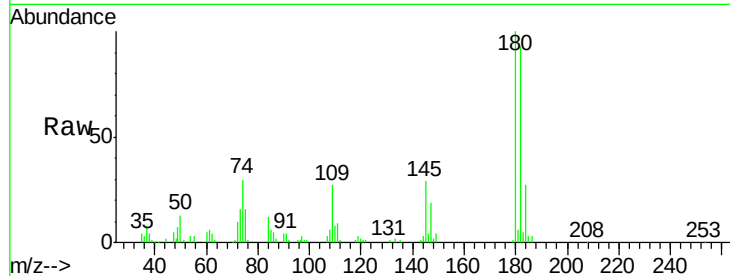
#93
 1,2,4-Trichlorobenzene
 Concen: 4.98 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000207.D
 Acq: 07 Mar 2018 12:36

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

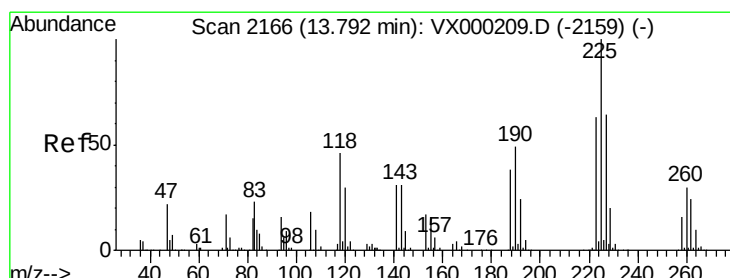
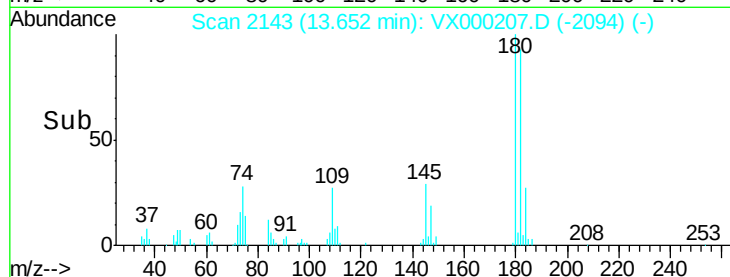
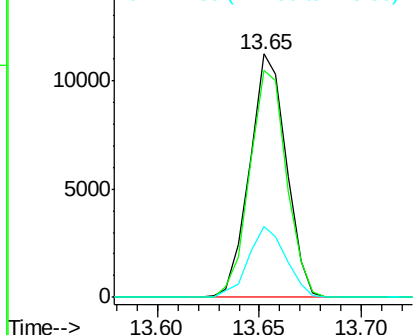
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.0	141.0
145	29.5	15.3	45.9

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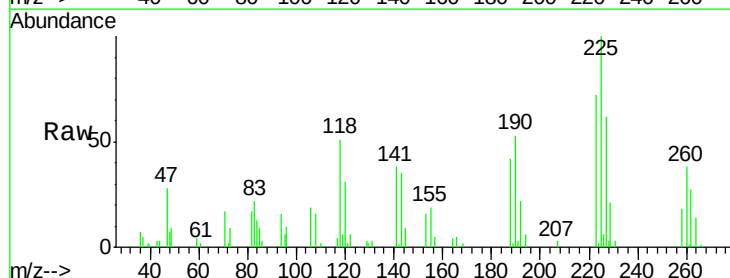


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

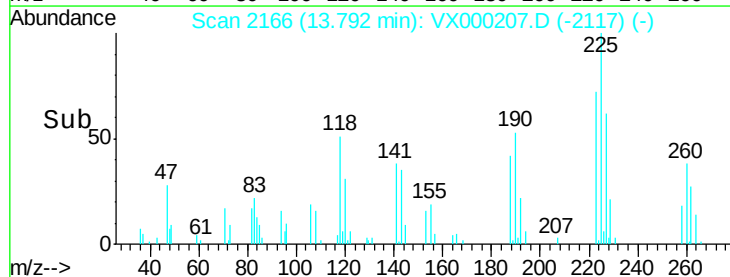
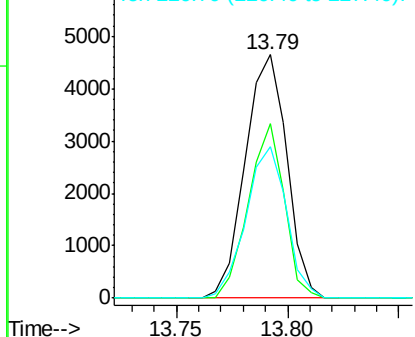


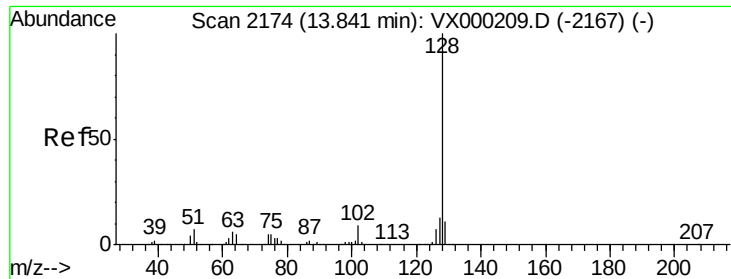
#94
 Hexachlorobutadiene
 Concen: 4.99 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000207.D
 Acq: 07 Mar 2018 12:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	31.8	95.3
227	60.7	31.9	95.5



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





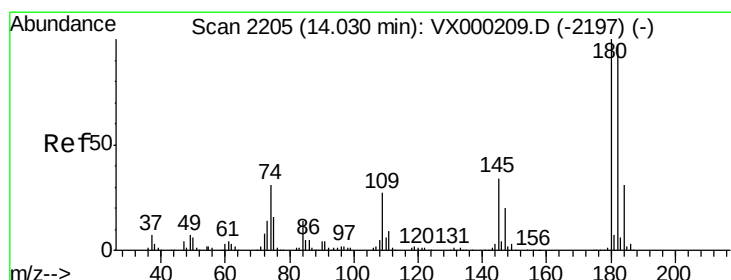
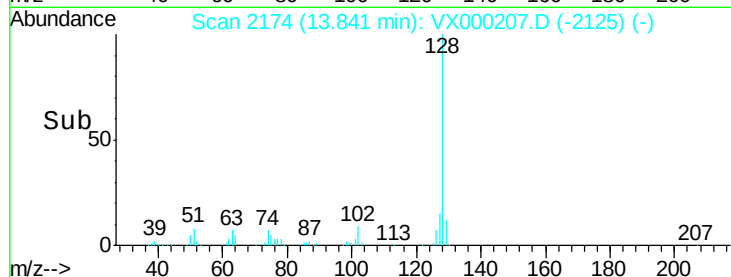
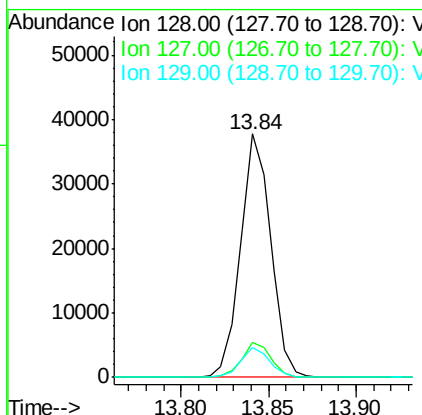
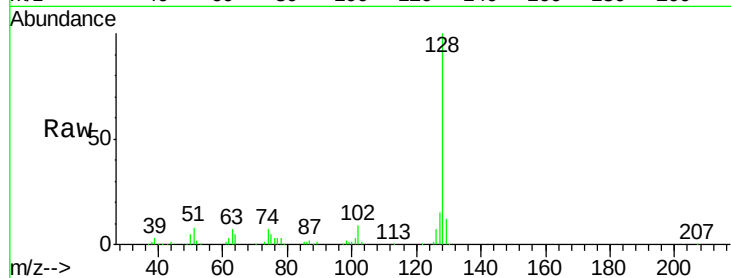
#95
Naphthalene
Concen: 4.71 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000207.D
Acq: 07 Mar 2018 12:36

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.5	15.7
129	11.7	8.6	13.0

Manual Integrations
APPROVED

apatel
3/8/2018 10:42:09 AM



#96
1,2,3-Trichlorobenzene
Concen: 4.93 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VX000207.D
Acq: 07 Mar 2018 12:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.4	48.0	144.0
145	30.9	16.3	48.8

