

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030818\
 Data File : VX000229.D
 Acq On : 08 Mar 2018 19:19
 Operator : JC/MD
 Sample : VX0308WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS02

Manual Integrations
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apatel
 3/9/2018 9:38:33 AM

Quant Time: Mar 09 04:32:44 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 02:15:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	128631	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	220911	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	222701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	127118	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	88697	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
35) Dibromofluoromethane	5.52	113	67577	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
50) Toluene-d8	8.73	98	273545	47.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.18%	
62) 4-Bromofluorobenzene	11.15	95	104825	46.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	28029	20.00	ug/l	97
3) Chloromethane	1.32	50	29387	21.48	ug/l	98
4) Vinyl Chloride	1.41	62	35724	22.40	ug/l	94
5) Bromomethane	1.64	94	29809	17.27	ug/l	100
6) Chloroethane	1.73	64	22869	22.74	ug/l	98
7) Trichlorofluoromethane	1.93	101	59406	22.45	ug/l	100
8) Diethyl Ether	2.20	74	21447	22.09	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	32032	21.68	ug/l	99
10) Methyl Iodide	2.52	142	26893	19.39	ug/l	98
11) Tert butyl alcohol	3.08	59	75791	115.68	ug/l	99
12) 1,1-Dichloroethene	2.38	96	30395	22.40	ug/l	95
13) Acrolein	2.30	56	41856	121.51	ug/l	97
14) Allyl chloride	2.73	41	55742	22.24	ug/l	99
15) Acrylonitrile	3.16	53	132507	116.21	ug/l	99
16) Acetone	2.45	43	147489	115.18	ug/l	100
17) Carbon Disulfide	2.57	76	78980	21.25	ug/l	98
18) Methyl Acetate	2.79	43	62848	23.05	ug/l	98
19) Methyl tert-butyl Ether	3.22	73	111458	23.07	ug/l	96
20) Methylene Chloride	2.87	84	32803	21.48	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	32717	21.93	ug/l	95
22) Diisopropyl ether	3.89	45	82611	19.20	ug/l	94
23) Vinyl Acetate	3.84	43	396489	95.59	ug/l	100
24) 1,1-Dichloroethane	3.70	63	57378	21.75	ug/l	97
25) 2-Butanone	4.72	43	172624	109.23	ug/l	95
26) 2,2-Dichloropropane	4.59	77	40115	20.80	ug/l	99
27) cis-1,2-Dichloroethene	4.62	96	29865	21.11	ug/l	99
28) Bromochloromethane	5.03	49	24796	22.11	ug/l	100
29) Tetrahydrofuran	5.18	42	109061	109.88	ug/l	100
30) Chloroform	5.23	83	53141	20.83	ug/l	99
31) Cyclohexane	5.59	56	41630	21.34	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	46180	20.88	ug/l	95
36) 1,1-Dichloropropene	5.81	75	39220	19.95	ug/l	99
37) Ethyl Acetate	4.88	43	59482	20.94	ug/l	100
38) Carbon Tetrachloride	5.79	117	39264	19.74	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	46718	19.37	ug/l	99
40) Benzene	6.16	78	115460	20.37	ug/l	97
41) Methacrylonitrile	5.08	41	29660	20.48	ug/l	98
42) 1,2-Dichloroethane	6.21	62	45675	20.54	ug/l	99
43) Isopropyl Acetate	6.48	43	85395	20.79	ug/l	99
44) Trichloroethene	7.22	130	32775	20.20	ug/l	98
45) 1,2-Dichloropropane	7.53	63	29607	20.62	ug/l #	89
46) Dibromomethane	7.67	93	23154	20.38	ug/l	97
47) Bromodichloromethane	7.91	83	41805	20.92	ug/l	98
48) Methyl methacrylate	7.79	41	41588	20.56	ug/l	98
49) 1,4-Dioxane	7.77	88	19307	420.41	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	332541	107.27	ug/l	98
52) Toluene	8.79	92	78603	20.23	ug/l	97
53) t-1,3-Dichloropropene	8.45	75	47292	20.08	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	48940	21.48	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	33007	20.97	ug/l	100
56) Ethyl methacrylate	9.19	69	51901	22.04	ug/l	99
57) 1,3-Dichloropropane	9.38	76	54808	20.74	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	122780	103.26	ug/l	100
59) 2-Hexanone	9.51	43	282954	107.05	ug/l	100
60) Dibromochloromethane	9.59	129	33906	20.43	ug/l	99
61) 1,2-Dibromoethane	9.68	107	36751	21.03	ug/l	97
64) Tetrachloroethene	9.34	164	30323	19.46	ug/l	97
65) Chlorobenzene	10.15	112	95846	21.31	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	31661	20.59	ug/l	98
67) Ethyl Benzene	10.26	91	159969	20.38	ug/l	100
68) m/p-Xylenes	10.37	106	124550	41.23	ug/l	99
69) o-Xylene	10.71	106	60048	20.68	ug/l	97
70) Styrene	10.72	104	98957	20.54	ug/l	98
71) Bromoform	10.87	173	25939	18.62	ug/l #	100
73) Isopropylbenzene	11.02	105	165149	20.75	ug/l	99
74) N-amyl acetate	6.48	43	85395	20.97	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	60468	21.67	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	54290m	21.31	ug/l	
77) Bromobenzene	11.26	156	41505	20.17	ug/l	96
78) n-propylbenzene	11.37	91	194003	20.71	ug/l	98
79) 2-Chlorotoluene	11.43	91	109400	20.70	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	140654	21.17	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	14893	17.90	ug/l	88
82) 4-Chlorotoluene	11.52	91	134531	20.94	ug/l	98
83) tert-Butylbenzene	11.78	119	137875	21.32	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	146148	21.39	ug/l	98
85) sec-Butylbenzene	11.96	105	172202	21.06	ug/l	99
86) p-Isopropyltoluene	12.07	119	151216	20.97	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	79681	20.37	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	84286	20.56	ug/l	97
89) n-Butylbenzene	12.40	91	145612	20.96	ug/l	98
90) Hexachloroethane	12.60	117	23046	19.83	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	80951	20.90	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	17354	22.15	ug/l	96

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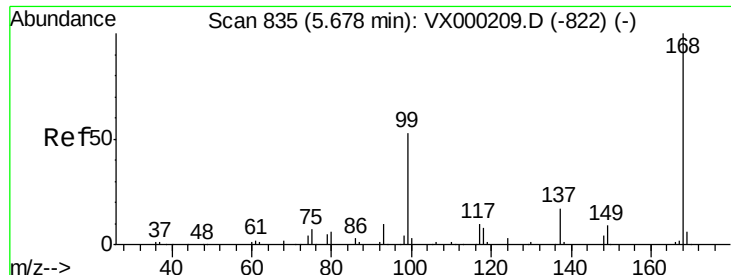
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	58155	20.64	ug/l	99
94) Hexachlorobutadiene	13.79	225	23162	19.75	ug/l	97
95) Naphthalene	13.84	128	210982	21.46	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	57399	20.59	ug/l	98

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



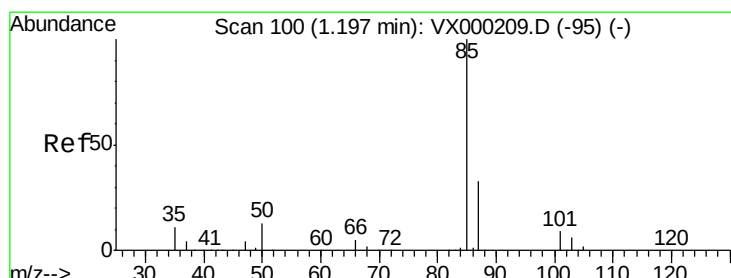
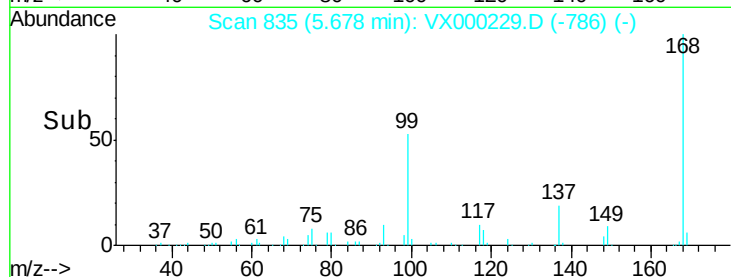
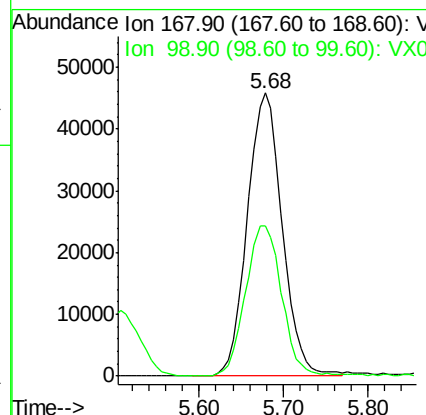
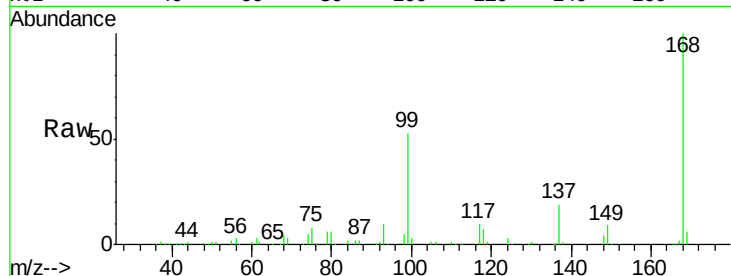
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.68 min Scan# 835
Delta R.T. 0.00 min
Lab File: VX000229.D
Acq: 08 Mar 2018 19:19

Instrument :
MSVOA_X
ClientSampled :
VX0308WBS02

Tot Ion	Ratio	Resp	Lower	Upper
168	100	128631		
99	52.9	42.8	64.2	

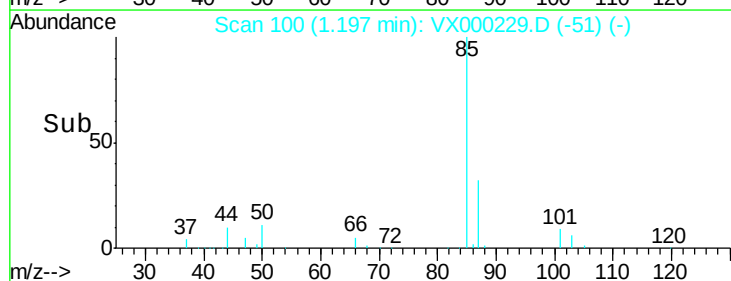
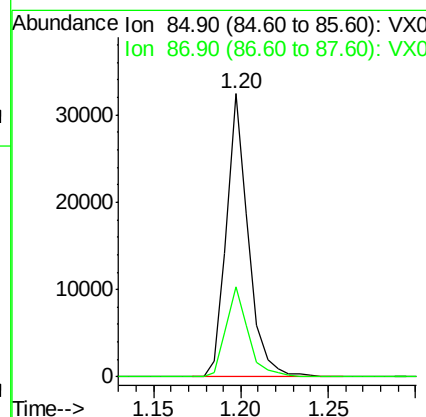
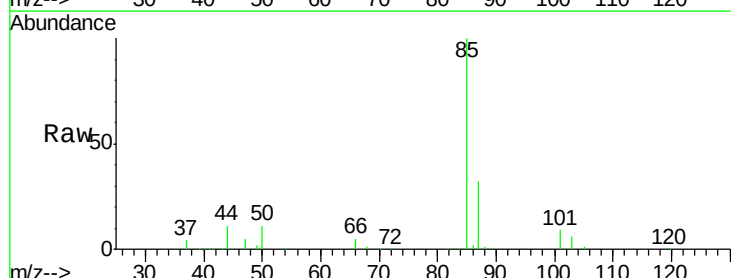
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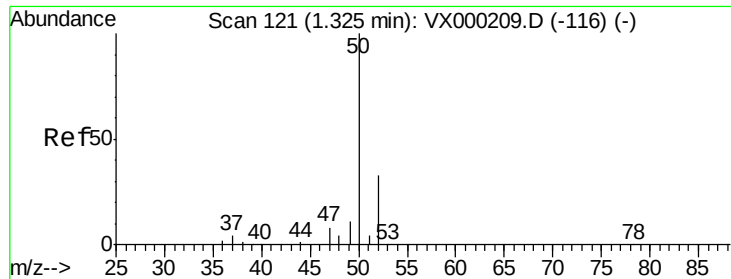
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#2
Dichlorodifluoromethane
Concen: 20.00 ug/l
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX000229.D
Acq: 08 Mar 2018 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	28029		
87	31.7	16.7	50.0	





#3

Chloromethane

Concen: 21.48 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000229.D

Acq: 08 Mar 2018 19:19

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBS02

Tot Ion: 50 Resp: 29387

Ion Ratio Lower Upper

50 100

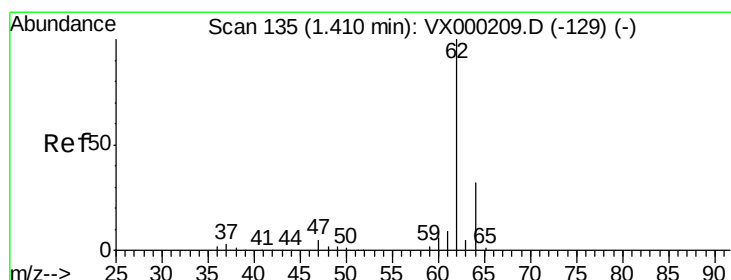
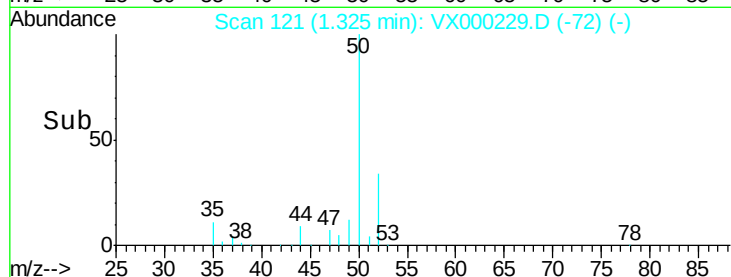
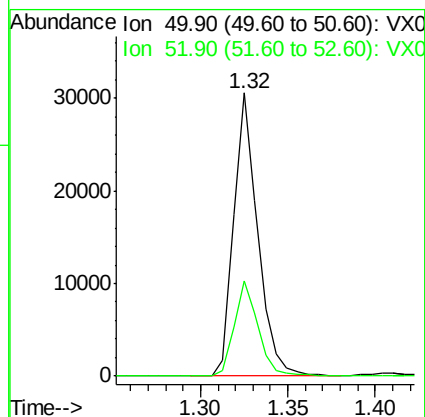
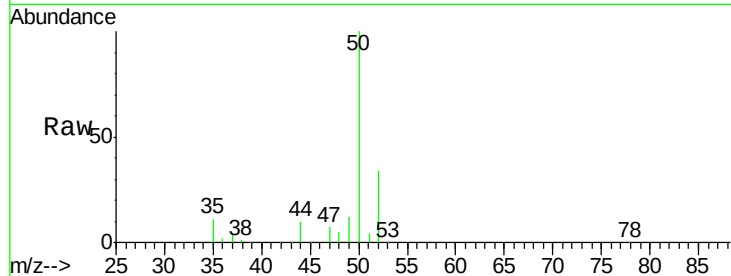
52 33.8 26.2 39.2

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#4

Vinyl Chloride

Concen: 22.40 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000229.D

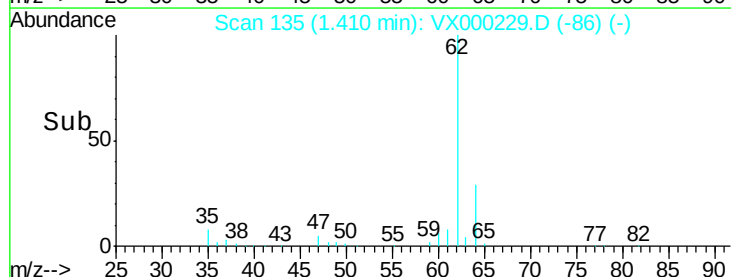
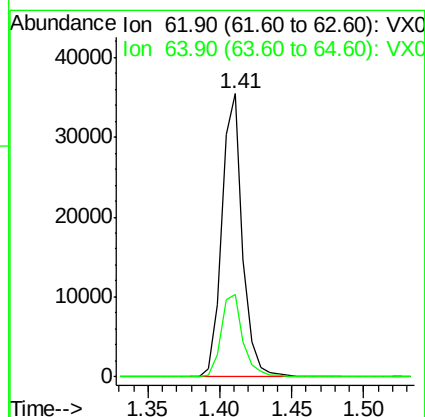
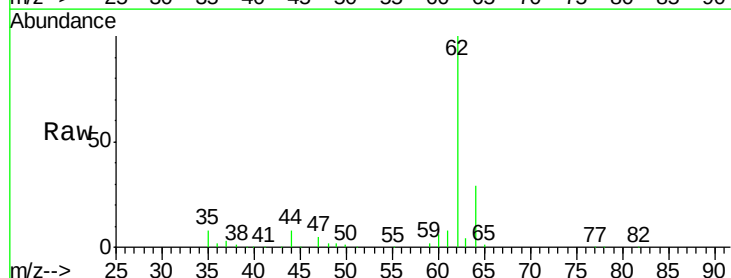
Acq: 08 Mar 2018 19:19

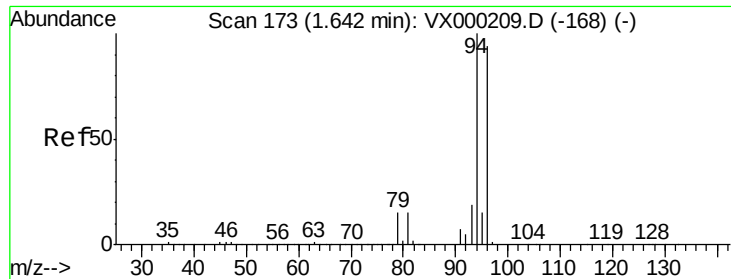
Tgt Ion: 62 Resp: 35724

Ion Ratio Lower Upper

62 100

64 28.9 25.7 38.5





#5

Bromomethane

Concen: 17.27 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000229.D

Acq: 08 Mar 2018 19:19

Instrument :

MSVOA_X

ClientSampled :

VX0308WBS02

Tot Ion: 94 Resp: 29809

Ion Ratio Lower Upper

94 100

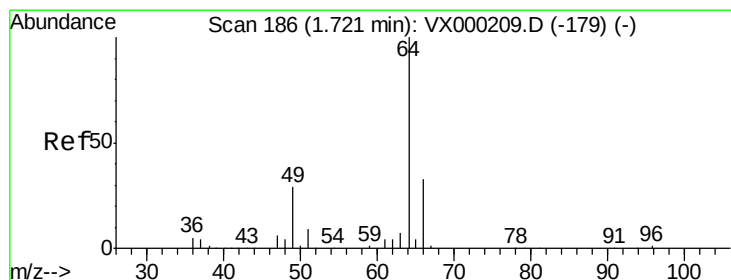
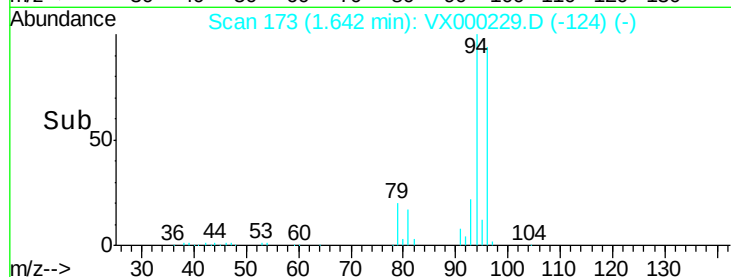
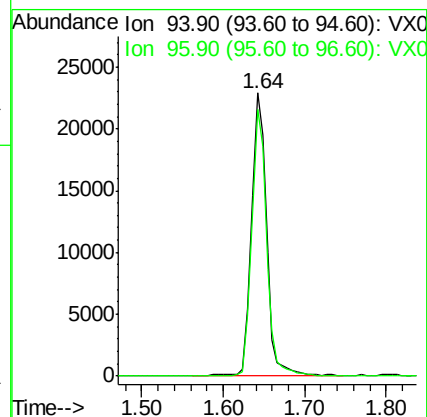
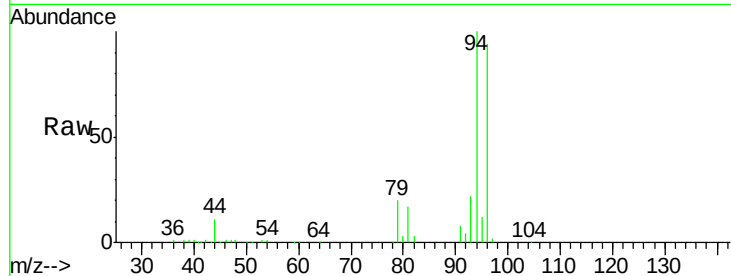
96 94.4 75.3 112.9

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#6

Chloroethane

Concen: 22.74 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX000229.D

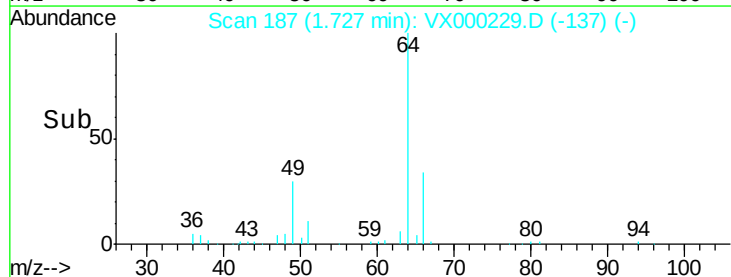
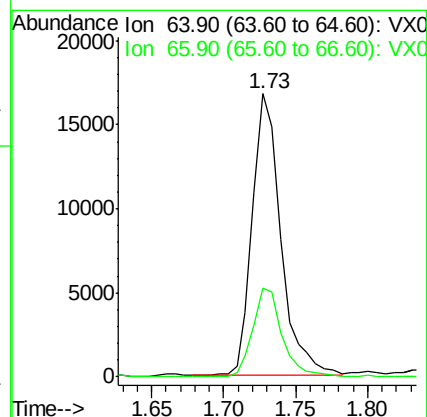
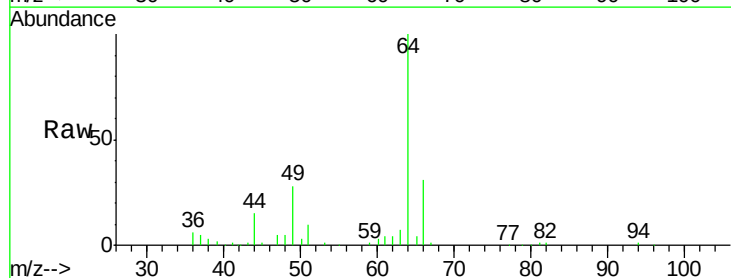
Acq: 08 Mar 2018 19:19

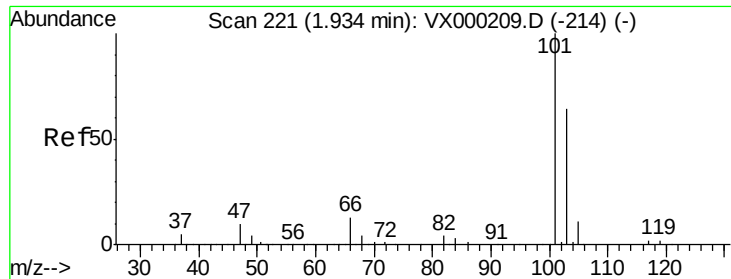
Tgt Ion: 64 Resp: 22869

Ion Ratio Lower Upper

64 100

66 31.6 26.2 39.4





#7

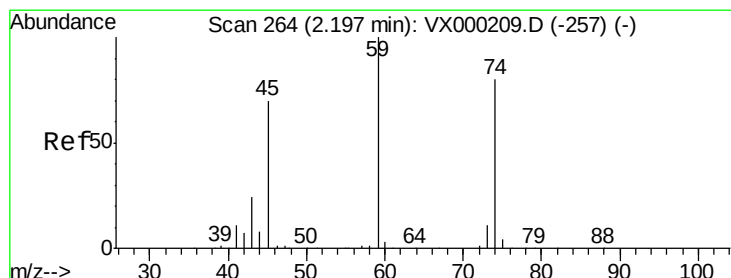
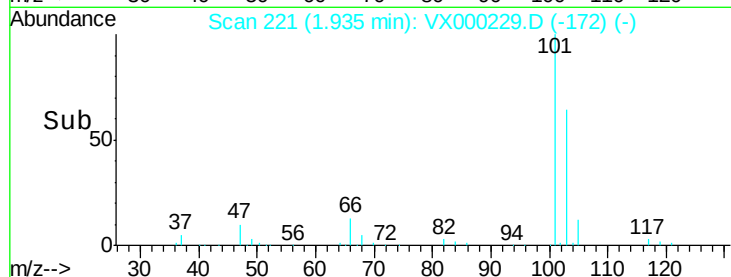
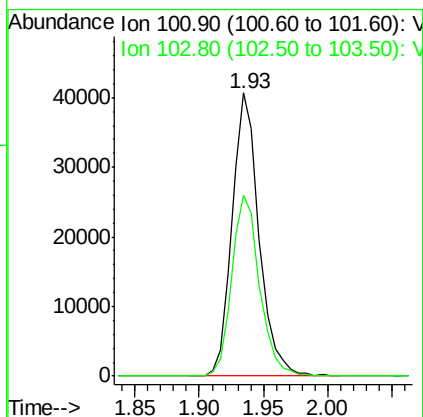
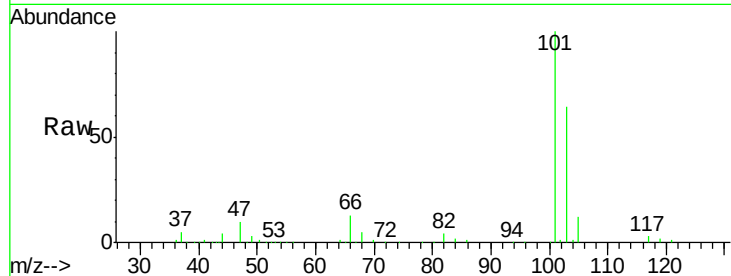
Trichlorofluoromethane
Concen: 22.45 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX000229.D
Acq: 08 Mar 2018 19:19

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS02

Tot Ion:101 Resp: 59406
Ion Ratio Lower Upper
101 100
103 63.9 51.2 76.8

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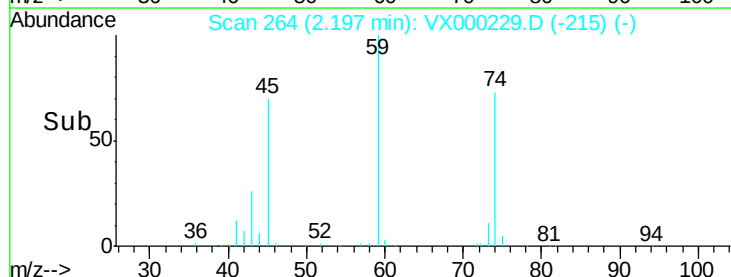
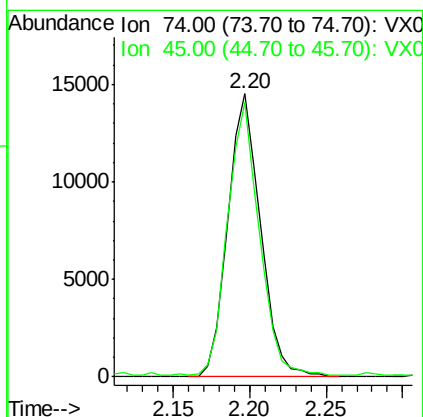
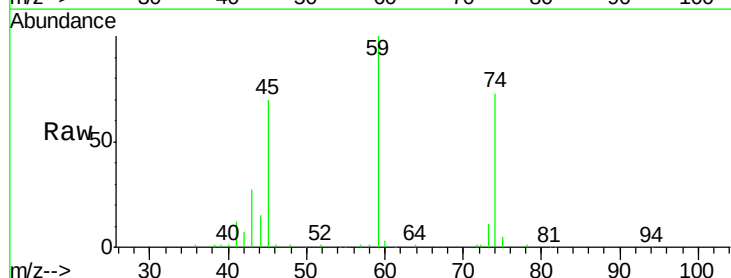
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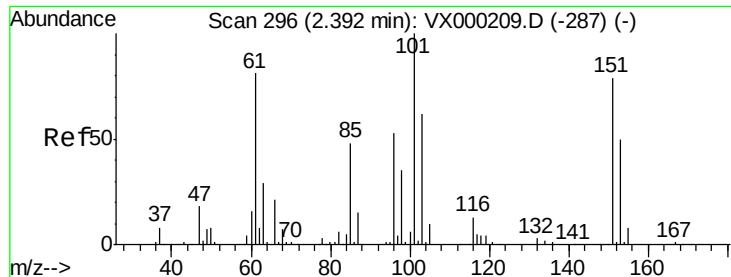


#8

Diethyl Ether
Concen: 22.09 ug/l
RT: 2.20 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX000229.D
Acq: 08 Mar 2018 19:19

Tgt Ion: 74 Resp: 21447
Ion Ratio Lower Upper
74 100
45 94.2 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.68 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.00 min

Lab File: VX000229.D

Acq: 08 Mar 2018 19:19

Instrument :

MSVOA_X

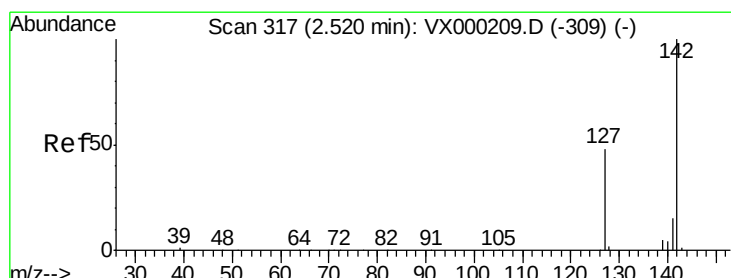
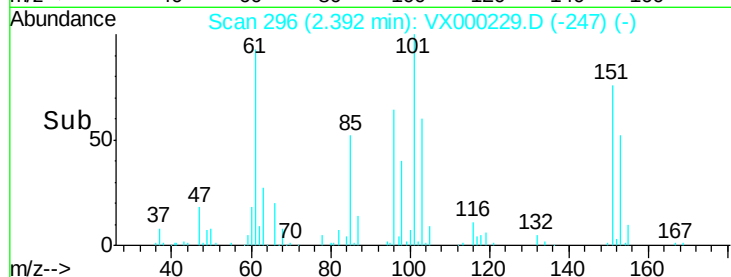
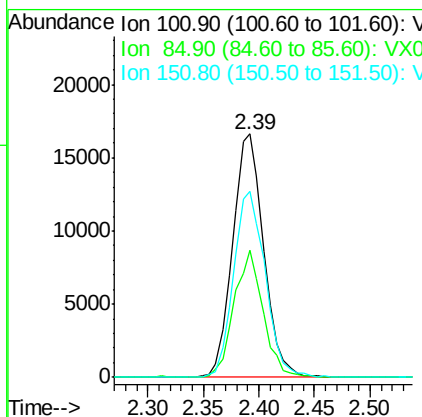
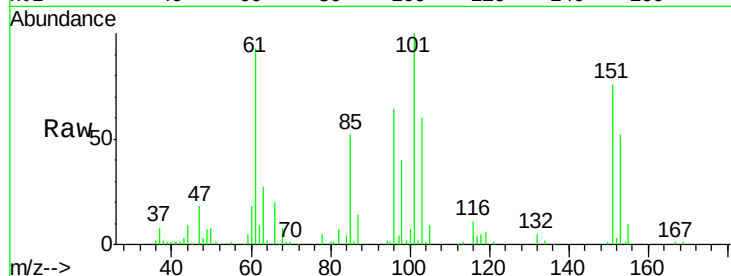
ClientSampled :

VX0308WBS02

Tot Ion:	101	Resp:	32032
Ion Ratio	Lower	Upper	
101	100		
85	49.1	38.3	57.5
151	78.2	62.8	94.2

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#10

Methyl Iodide

Concen: 19.39 ug/l

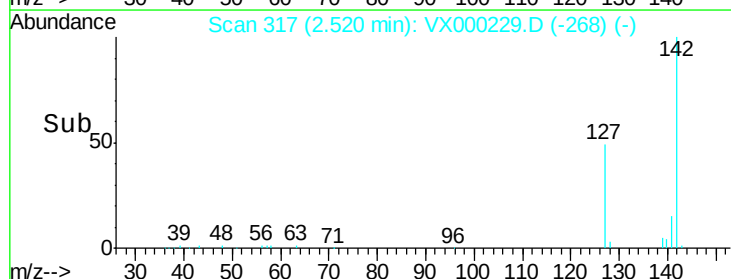
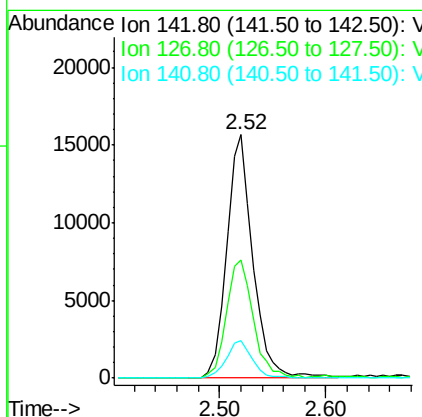
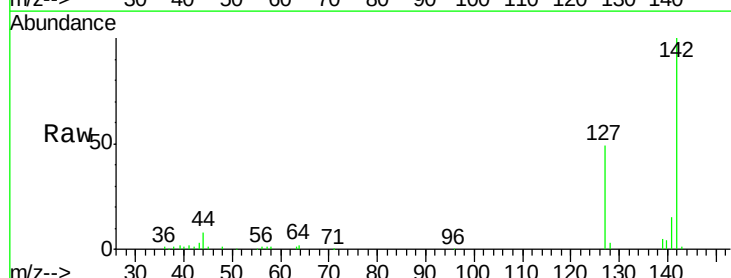
RT: 2.52 min Scan# 317

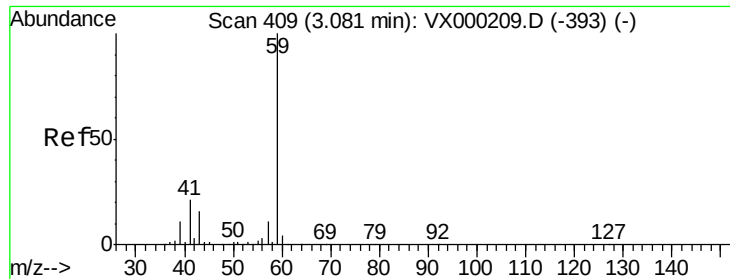
Delta R.T. 0.00 min

Lab File: VX000229.D

Acq: 08 Mar 2018 19:19

Tgt Ion:	142	Resp:	26893
Ion Ratio	Lower	Upper	
142	100		
127	50.1	39.0	58.6
141	15.3	11.6	17.4





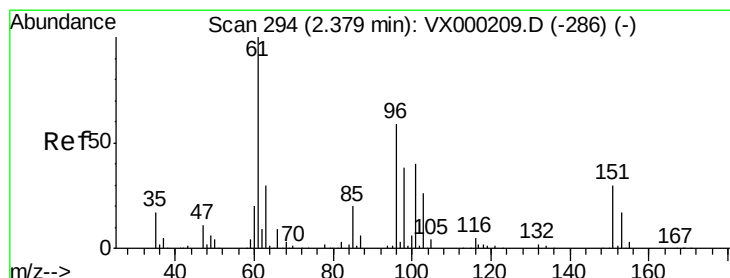
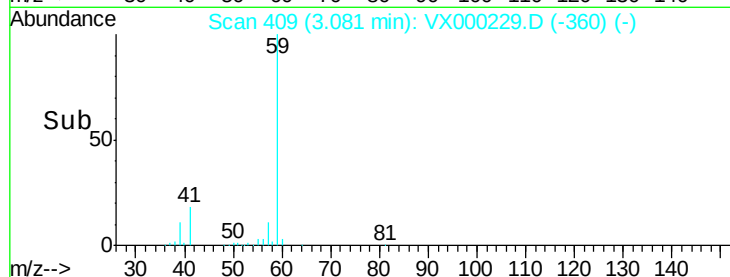
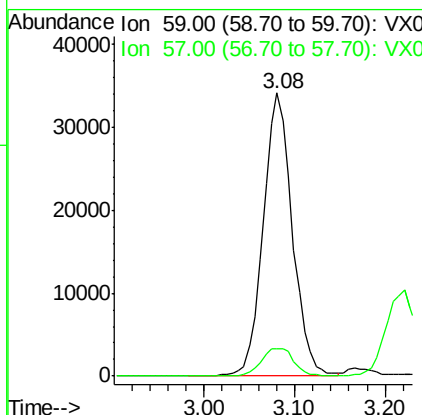
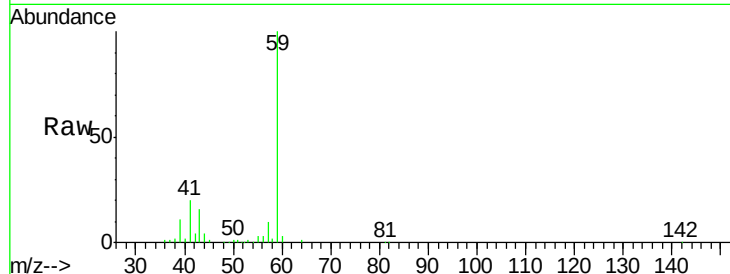
#11
Tert butyl alcohol
Concen: 115.68 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX000229.D
Acq: 08 Mar 2018 19:19

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.1	8.4	12.6

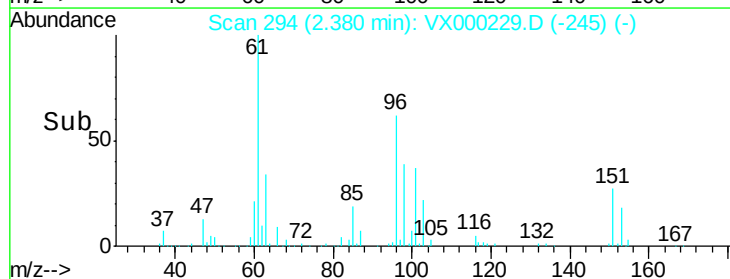
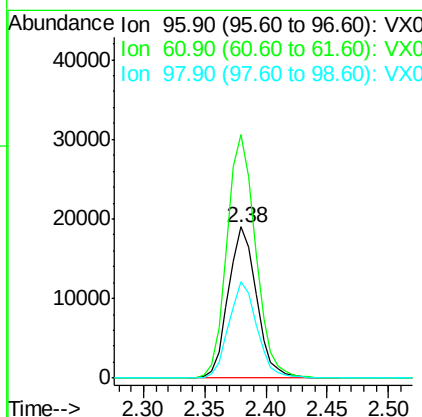
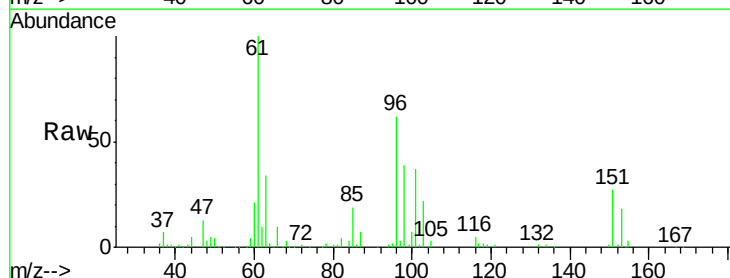
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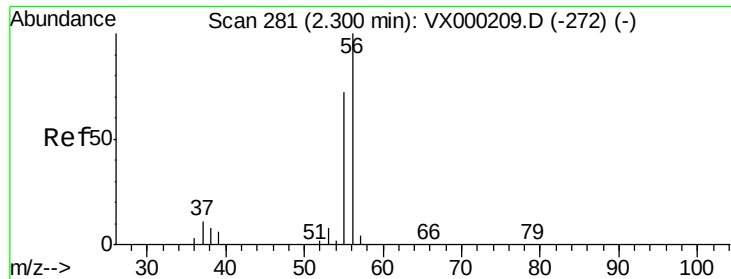
apatel
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#12
1,1-Dichloroethene
Concen: 22.40 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX000229.D
Acq: 08 Mar 2018 19:19

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.2	135.8	203.6
98	63.5	51.1	76.7





#13

Acrolein

Concen: 121.51 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000229.D

Acq: 08 Mar 2018 19:19

Instrument :

MSVOA_X

ClientSampled :

VX0308WBS02

Tot Ion: 56 Resp: 41856

Ion Ratio Lower Upper

56 100

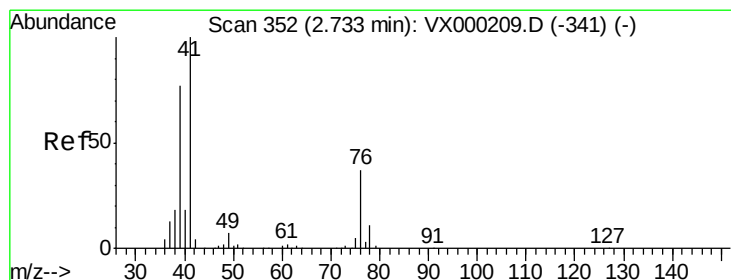
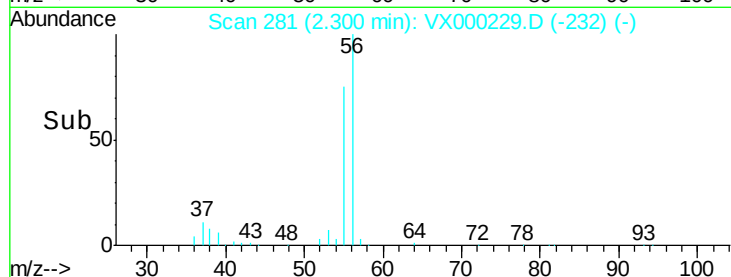
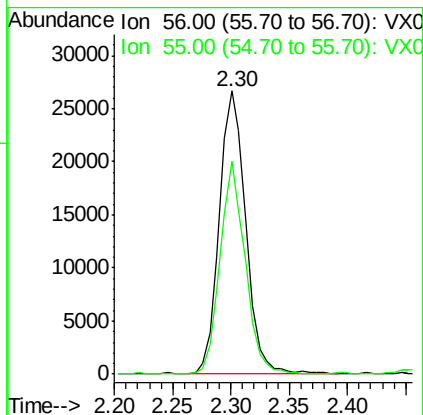
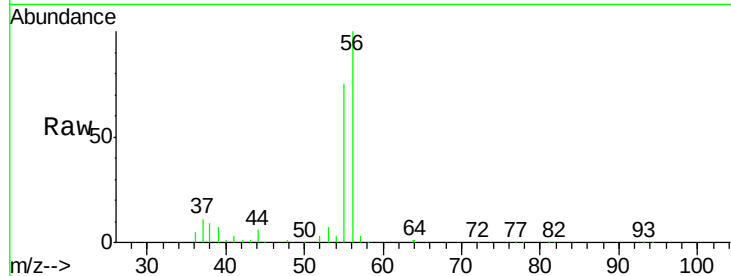
55 71.6 59.2 88.8

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#14

Allyl chloride

Concen: 22.24 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000229.D

Acq: 08 Mar 2018 19:19

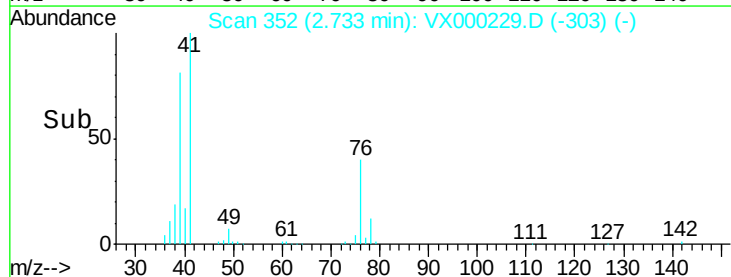
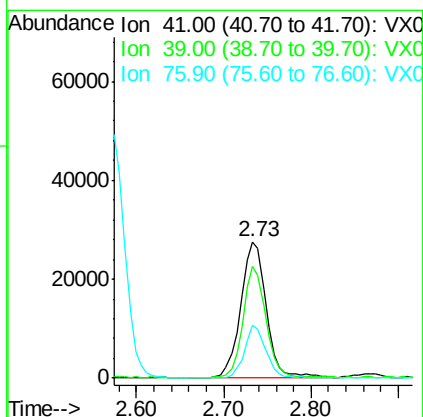
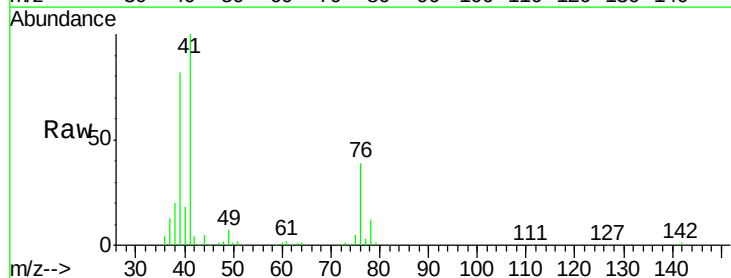
Tgt Ion: 41 Resp: 55742

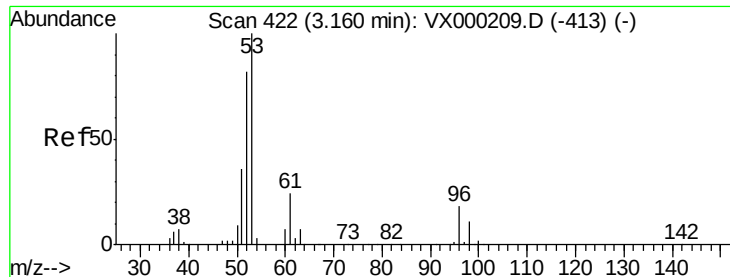
Ion Ratio Lower Upper

41 100

39 72.4 57.0 85.6

76 32.8 26.8 40.2





#15

Acrylonitrile

Concen: 116.21 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX000229.D

Acq: 08 Mar 2018 19:19

Instrument :

MSVOA_X

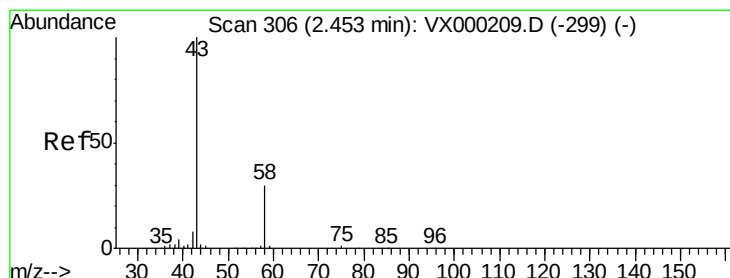
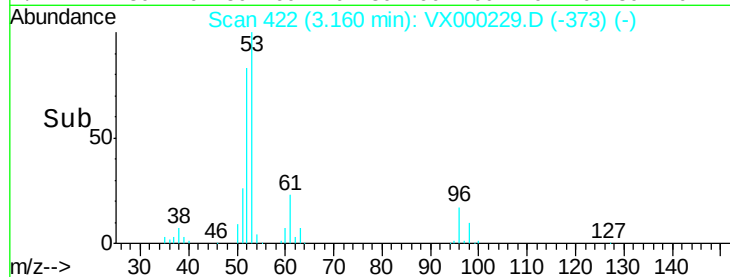
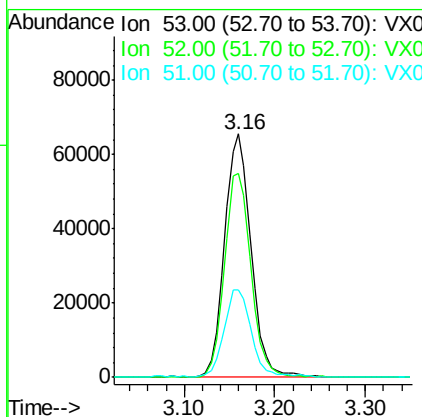
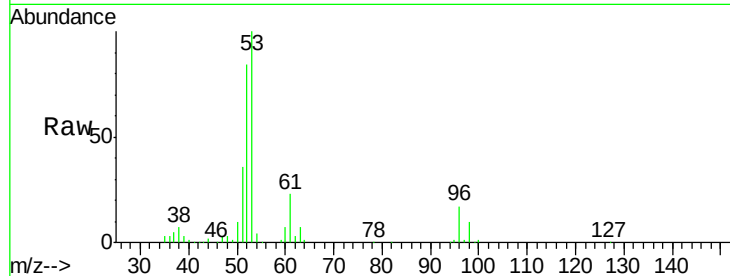
ClientSampleId :

VX0308WBS02

Tot Ion:	53	Resp:	132507
Ion Ratio	Lower	Upper	
53	100		
52	84.2	66.3	99.5
51	37.6	29.6	44.4

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#16

Acetone

Concen: 115.18 ug/l

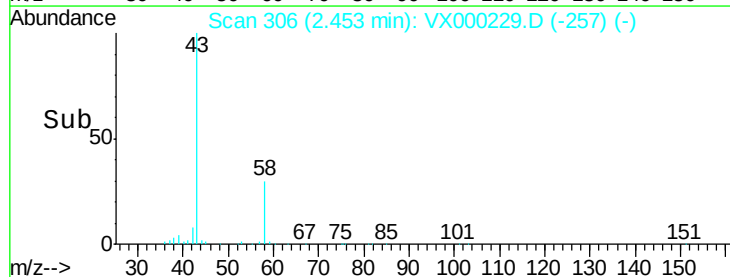
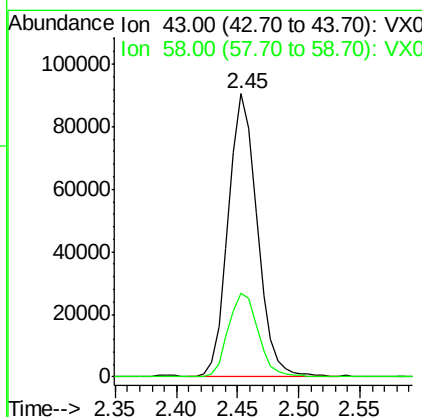
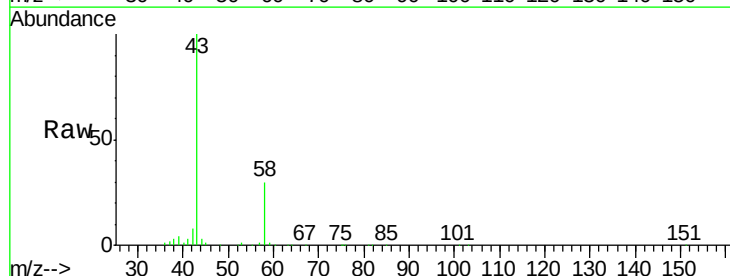
RT: 2.45 min Scan# 306

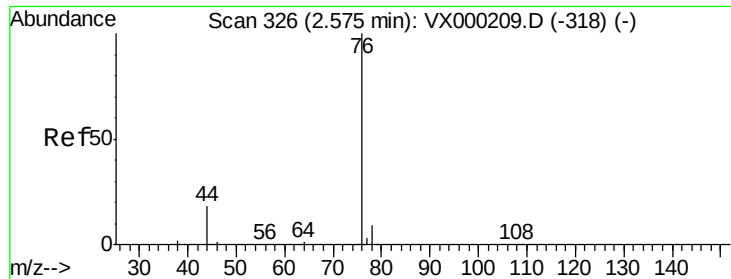
Delta R.T. 0.00 min

Lab File: VX000229.D

Acq: 08 Mar 2018 19:19

Tgt Ion:	43	Resp:	147489
Ion Ratio	Lower	Upper	
43	100		
58	29.7	23.8	35.6





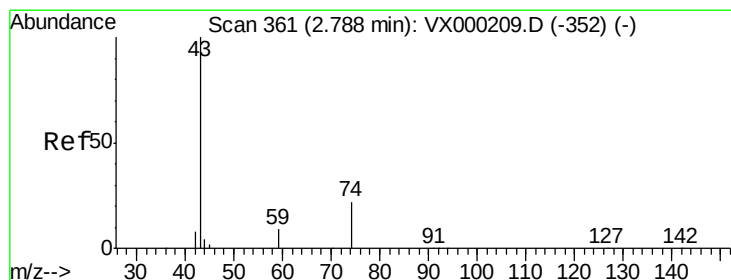
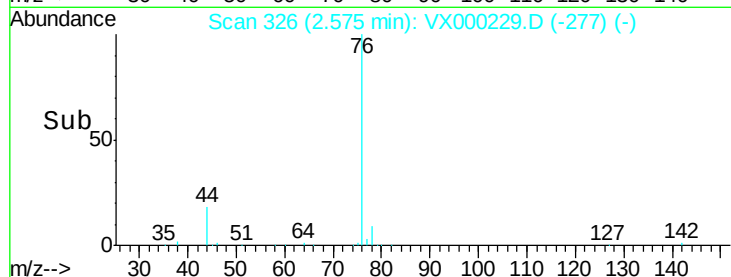
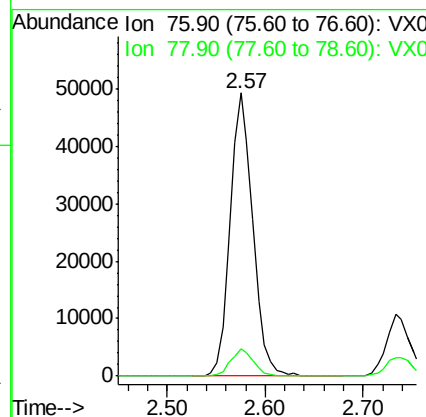
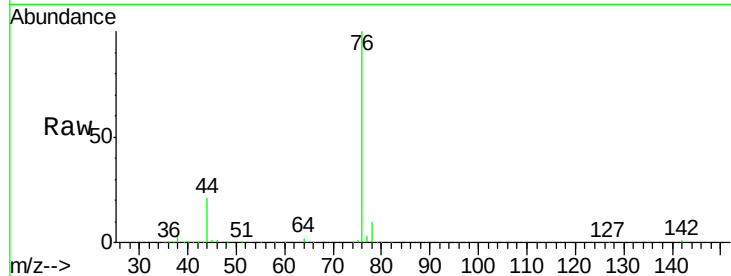
#17
Carbon Disulfide
Concen: 21.25 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000229.D
Acq: 08 Mar 2018 19:19

Instrument :
MSVOA_X
ClientSampled :
VX0308WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.0	10.6

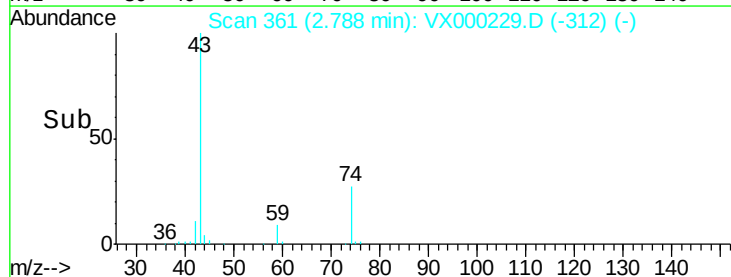
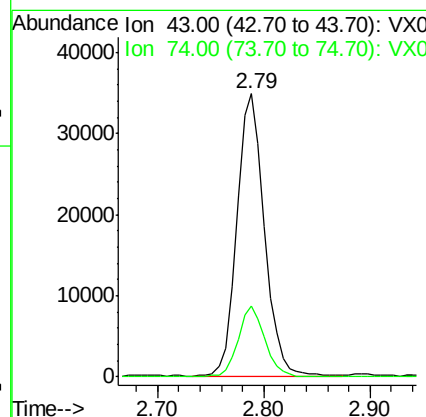
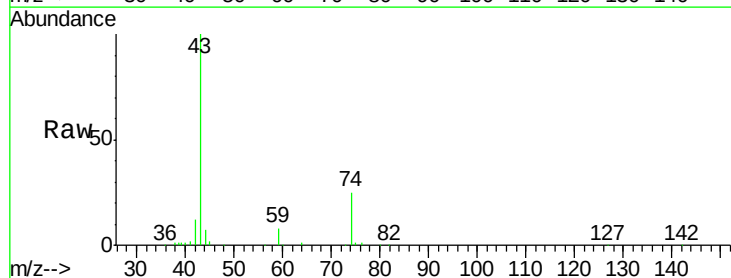
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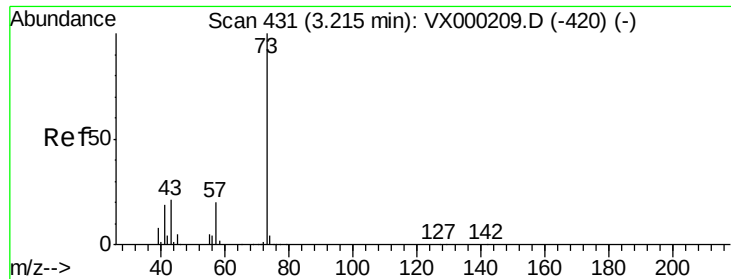
apatel
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#18
Methyl Acetate
Concen: 23.05 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.00 min
Lab File: VX000229.D
Acq: 08 Mar 2018 19:19

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.6	18.9	28.3





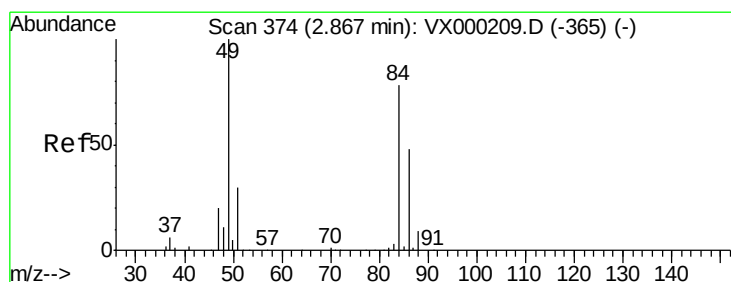
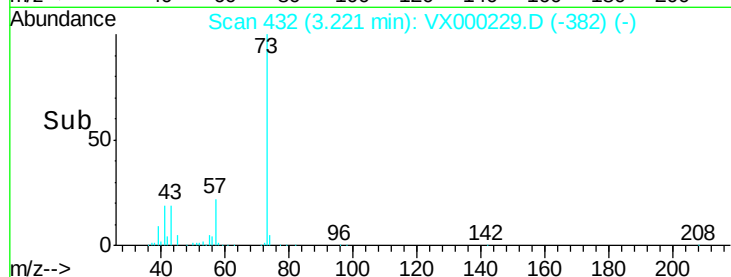
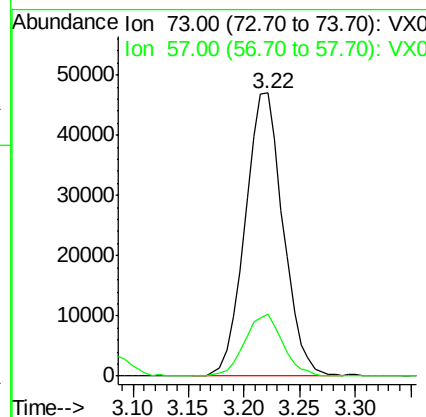
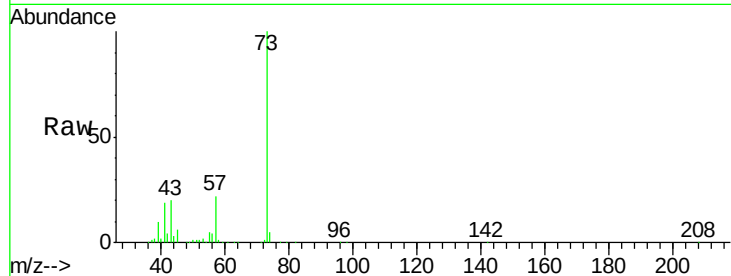
#19
Methyl tert-butyl Ether
Concen: 23.07 ug/l
RT: 3.22 min Scan# 432
Delta R.T. 0.01 min
Lab File: VX000229.D
Acq: 08 Mar 2018 19:19

Instrument :
MSVOA_X
ClientSampled :
VX0308WBS02

Tot Ion: 73 Resp: 111458
Ion Ratio Lower Upper
73 100
57 22.1 16.3 24.5

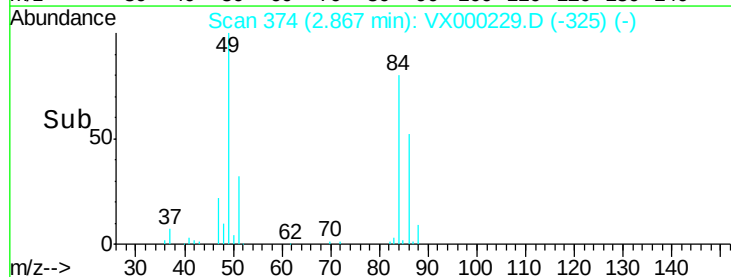
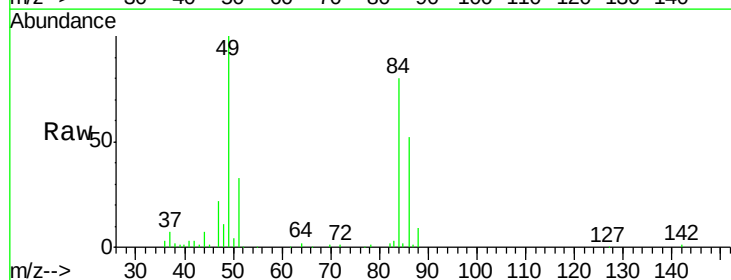
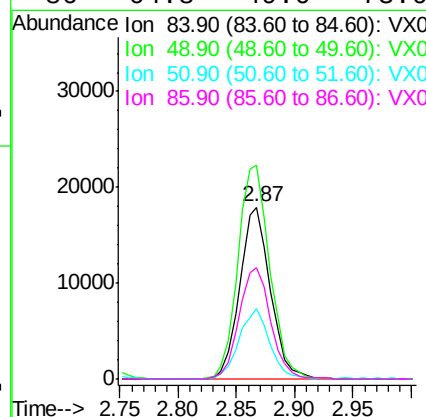
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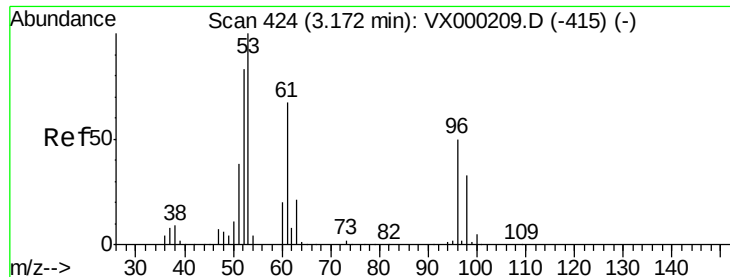
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#20
Methylene Chloride
Concen: 21.48 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX000229.D
Acq: 08 Mar 2018 19:19

Tgt Ion: 84 Resp: 32803
Ion Ratio Lower Upper
84 100
49 124.3 102.1 153.1
51 40.9 30.6 45.8
86 64.8 49.0 73.6





#21

trans-1,2-Dichloroethene

Concen: 21.93 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000229.D

Acq: 08 Mar 2018 19:19

Instrument :

MSVOA_X

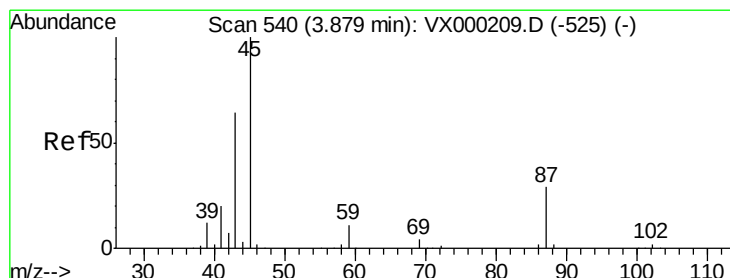
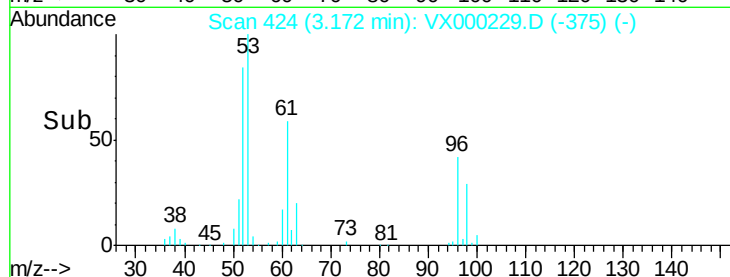
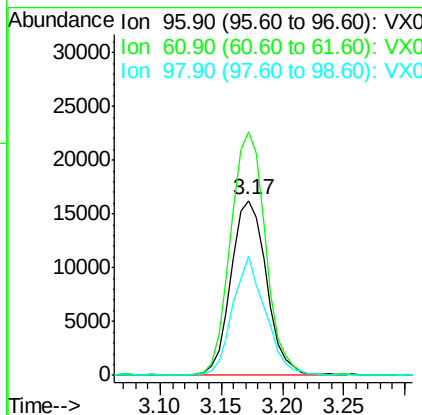
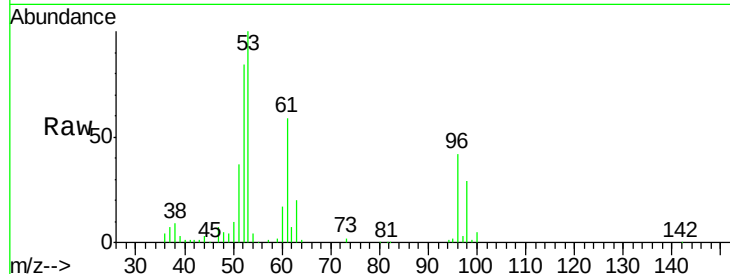
ClientSampled :

VX0308WBS02

Tot Ion:	96	Resp:	32717
Ion	Ratio	Lower	Upper
96	100		
61	139.1	107.0	160.4
98	68.3	51.8	77.8

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#22

Diisopropyl ether

Concen: 19.20 ug/l

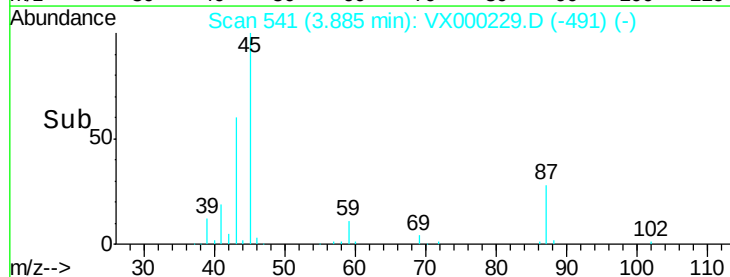
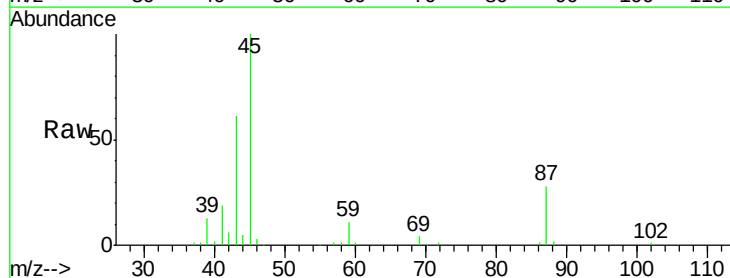
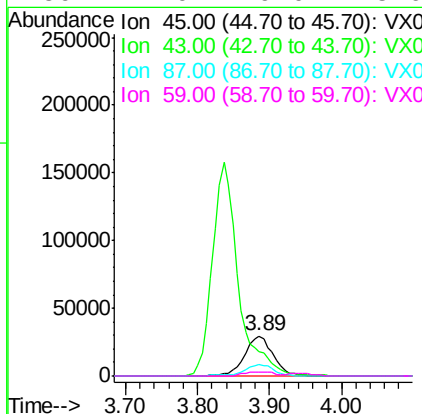
RT: 3.89 min Scan# 541

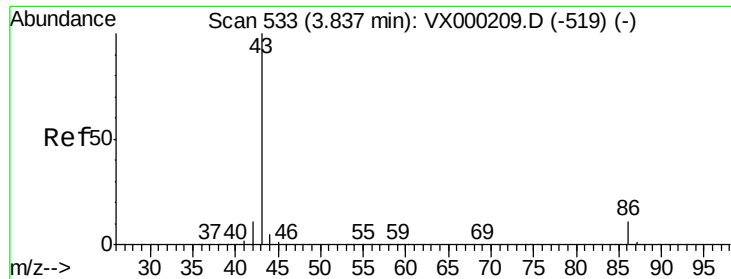
Delta R.T. 0.01 min

Lab File: VX000229.D

Acq: 08 Mar 2018 19:19

Tgt Ion:	45	Resp:	82611
Ion	Ratio	Lower	Upper
45	100		
43	60.0	53.5	80.3
87	28.1	23.3	34.9
59	11.0	9.0	13.6





#23

Vinyl Acetate

Concen: 95.59 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.00 min

Lab File: VX000229.D

Acq: 08 Mar 2018 19:19

Instrument :

MSVOA_X

ClientSampled :

VX0308WBS02

Tot Ion: 43 Resp: 396489

Ion Ratio Lower Upper

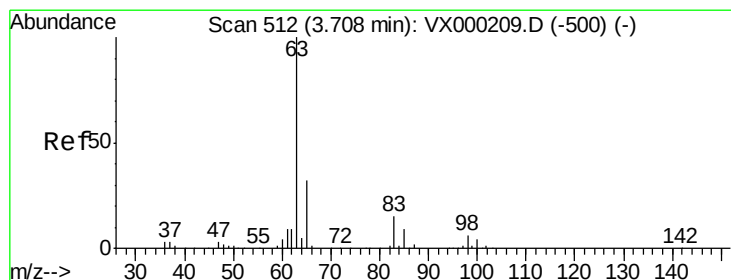
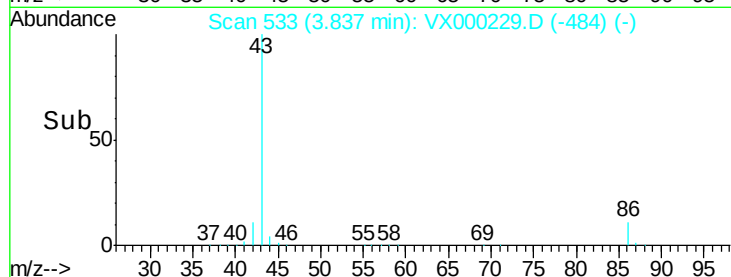
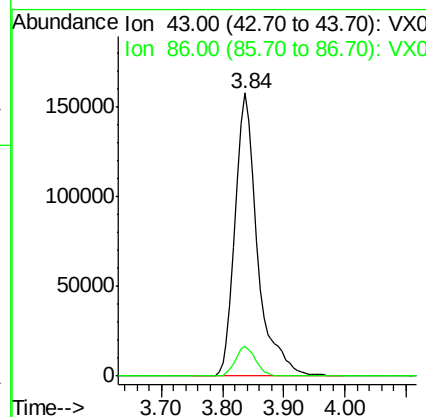
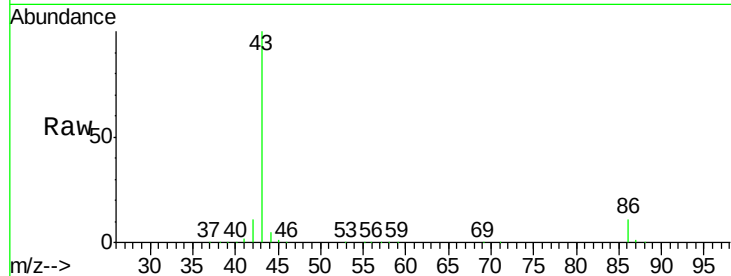
43 100

86 10.5 8.5 12.7

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#24

1,1-Dichloroethane

Concen: 21.75 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000229.D

Acq: 08 Mar 2018 19:19

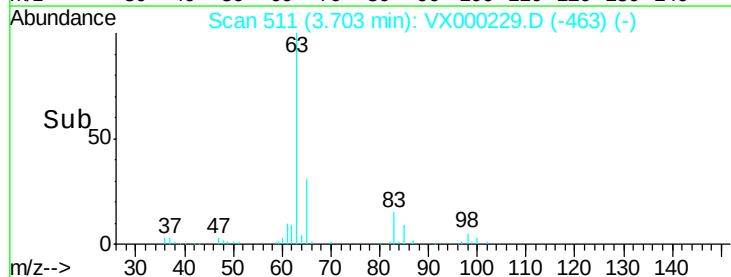
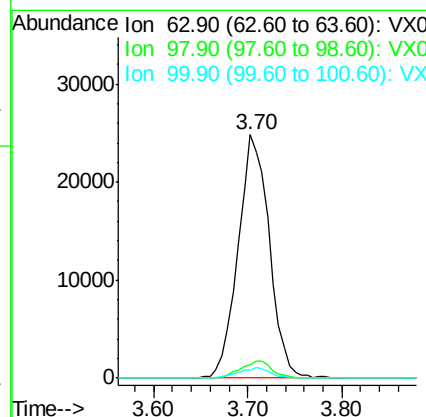
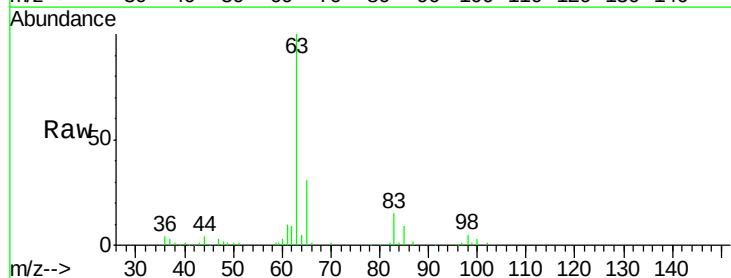
Tgt Ion: 63 Resp: 57378

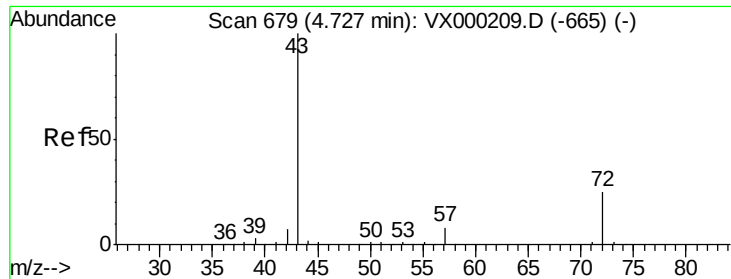
Ion Ratio Lower Upper

63 100

98 5.3 3.1 9.4

100 3.4 2.2 6.6





#25

2-Butanone

Concen: 109.23 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX000229.D

Acq: 08 Mar 2018 19:19

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBS02

Tot Ion: 43 Resp: 172624

Ion Ratio Lower Upper

43 100

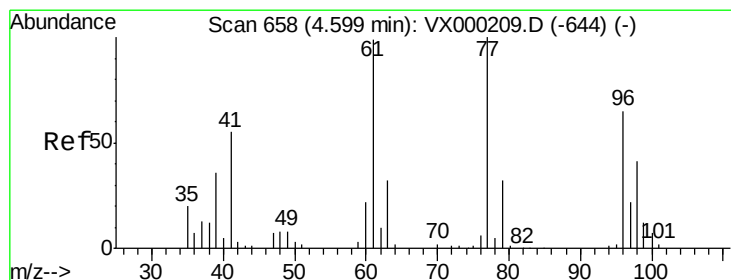
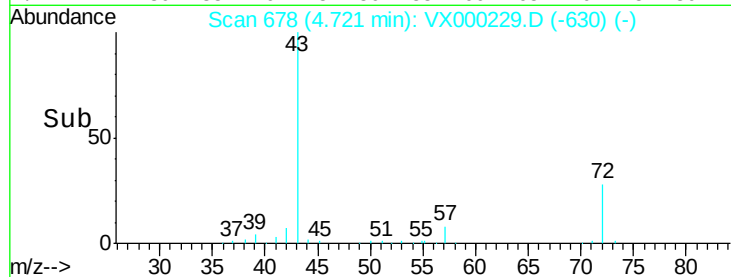
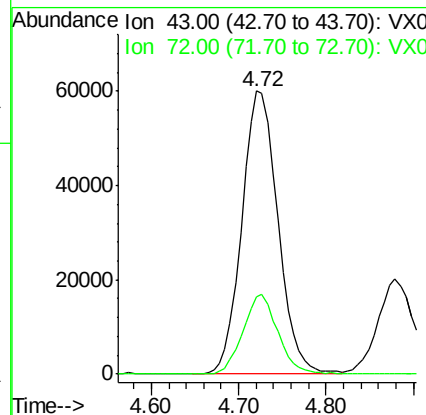
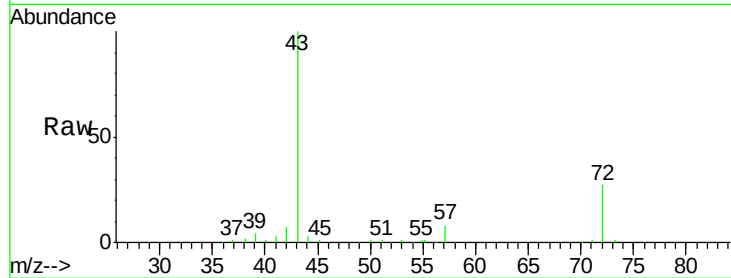
72 27.5 20.2 30.2

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#26

2,2-Dichloropropane

Concen: 20.80 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000229.D

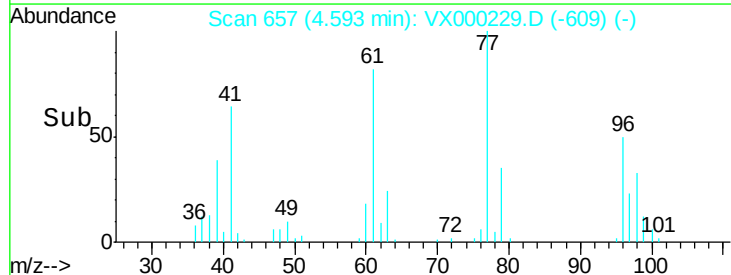
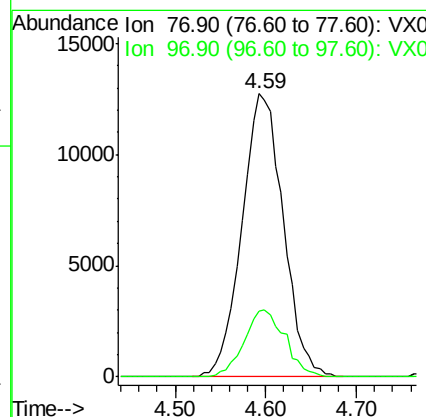
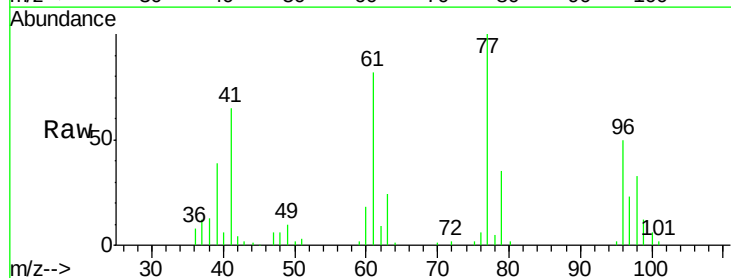
Acq: 08 Mar 2018 19:19

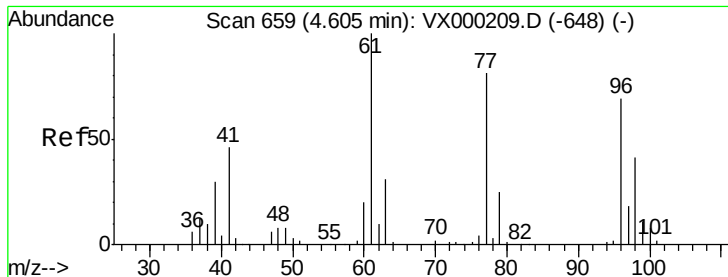
Tgt Ion: 77 Resp: 40115

Ion Ratio Lower Upper

77 100

97 23.3 11.4 34.1





#27

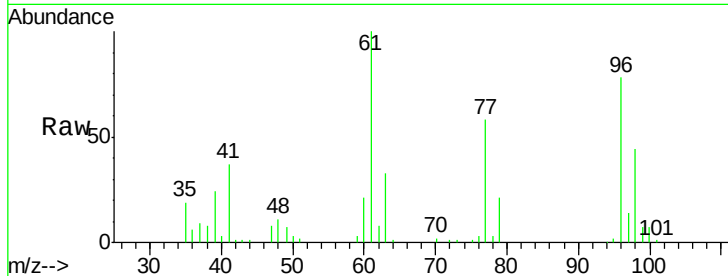
cis-1,2-Dichloroethene
Concen: 21.11 ug/l
RT: 4.62 min Scan# 661
Delta R.T. 0.01 min
Lab File: VX000229.D
Acq: 08 Mar 2018 19:19

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	29865		
61	146.4	0.0	296.4	
98	64.0	0.0	130.6	

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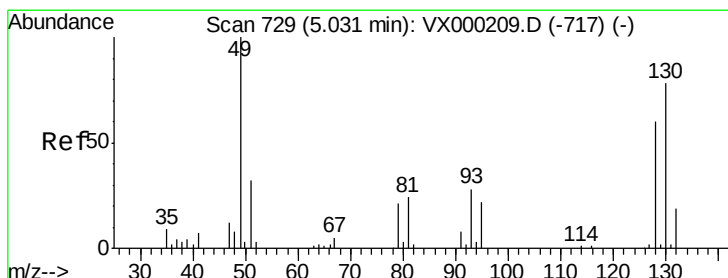
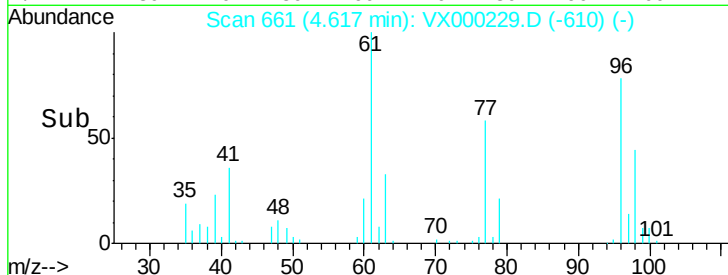
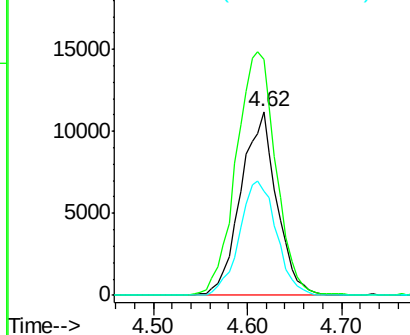


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

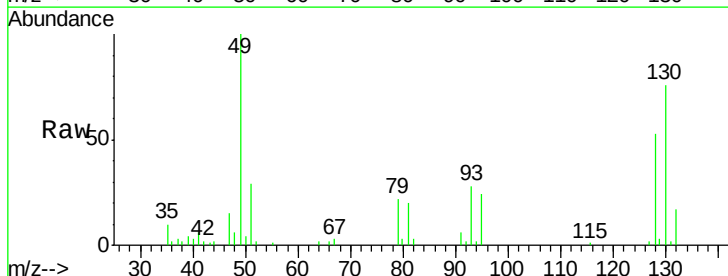
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 22.11 ug/l
RT: 5.03 min Scan# 729
Delta R.T. 0.00 min
Lab File: VX000229.D
Acq: 08 Mar 2018 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	24796		
129	2.4	0.0	5.0	
130	79.7	63.5	95.3	

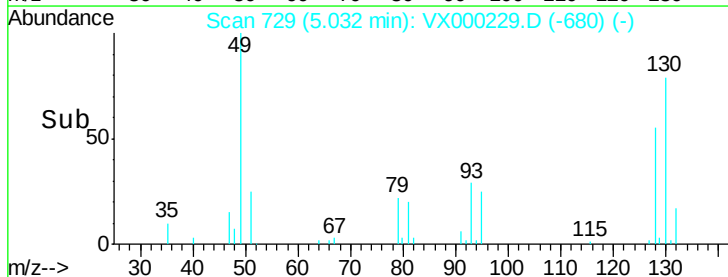
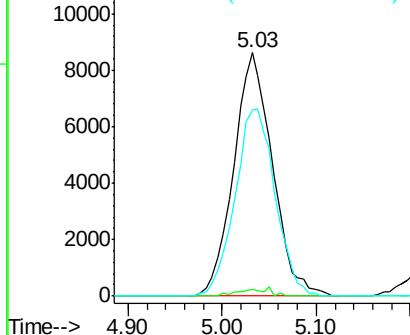


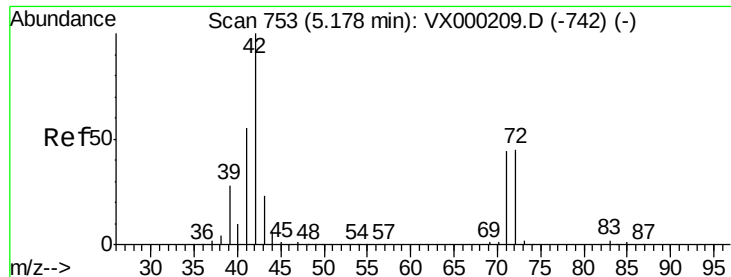
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





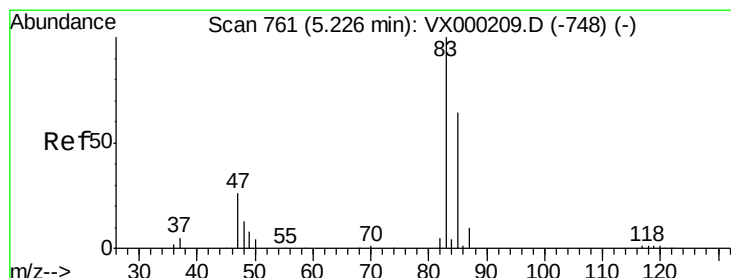
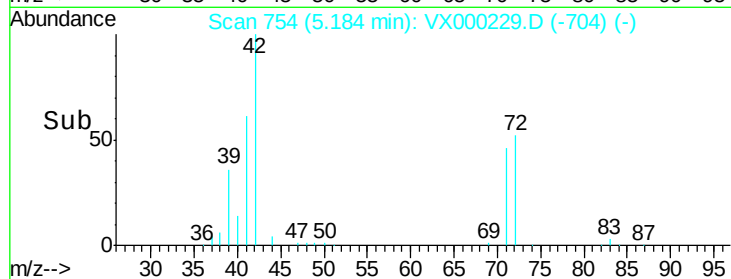
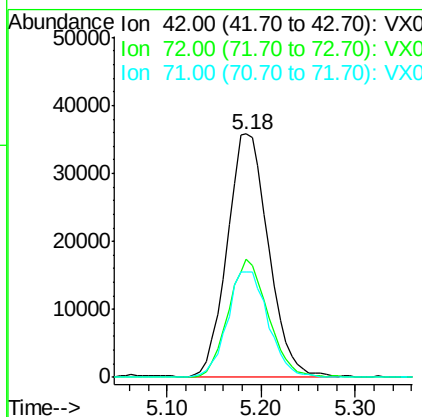
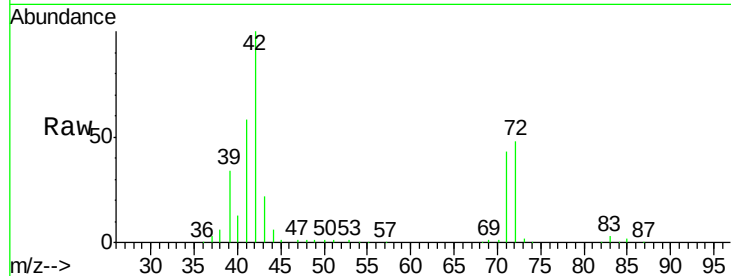
#29
Tetrahydrofuran
Concen: 109.88 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX000229.D
Acq: 08 Mar 2018 19:19

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.6	37.3	55.9
71	43.3	35.0	52.4

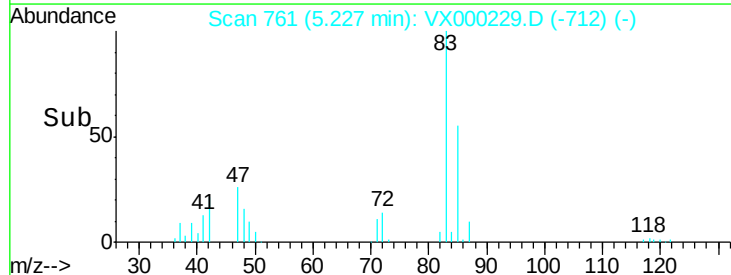
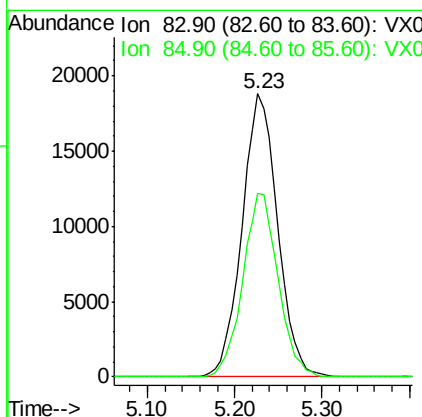
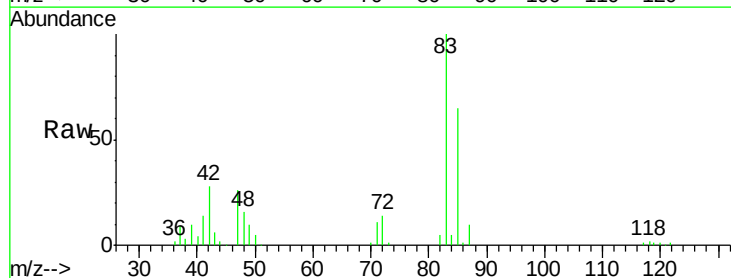
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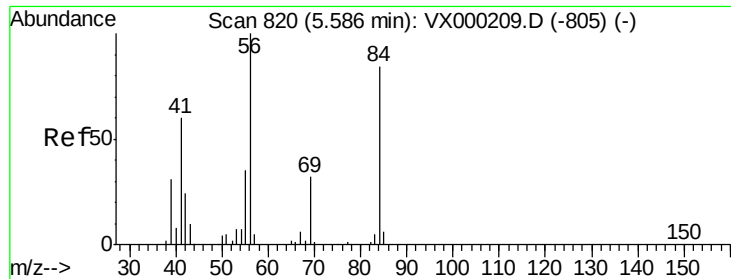
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#30
Chloroform
Concen: 20.83 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX000229.D
Acq: 08 Mar 2018 19:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.0	76.6





#31

Cyclohexane

Concen: 21.34 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.00 min

Lab File: VX000229.D

Acq: 08 Mar 2018 19:19

Instrument :

MSVOA_X

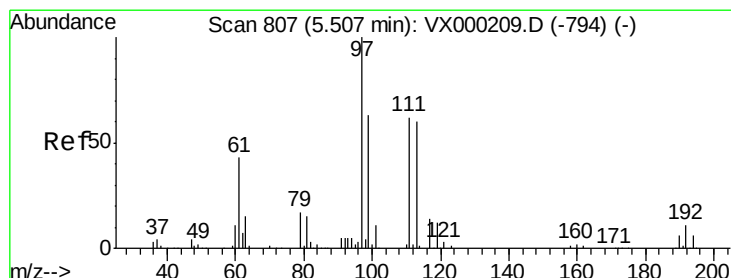
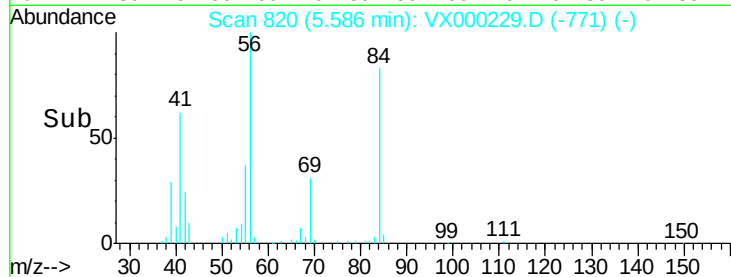
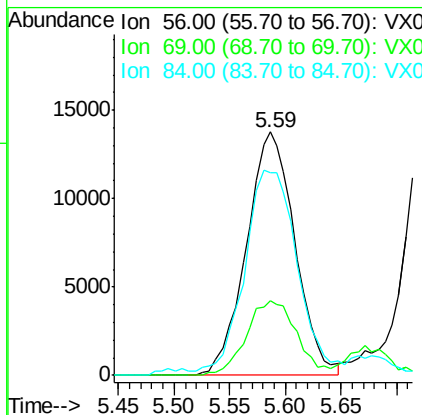
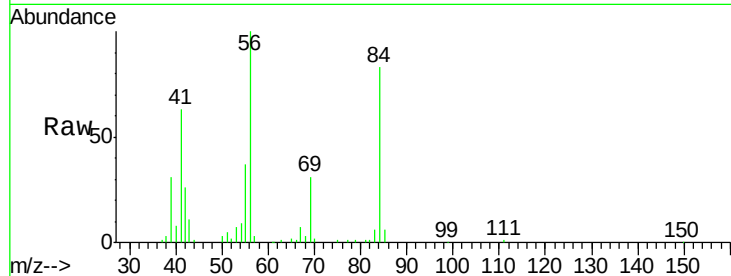
ClientSampleId :

VX0308WBS02

Tot Ion:	56	Resp:	41630
Ion	Ratio	Lower	Upper
56	100		
69	30.8	25.3	37.9
84	81.1	67.2	100.8

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#32

1,1,1-Trichloroethane

Concen: 20.88 ug/l

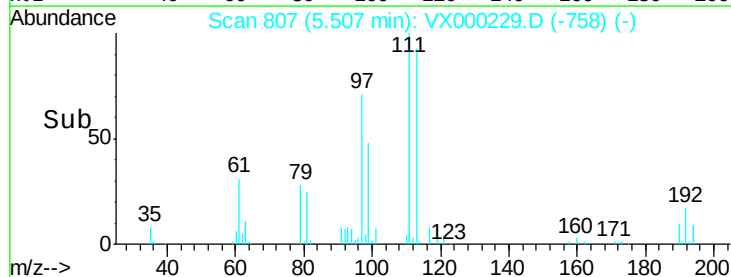
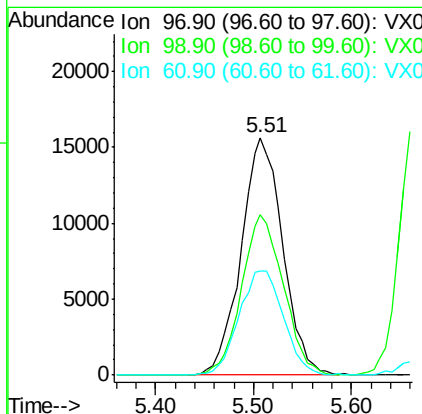
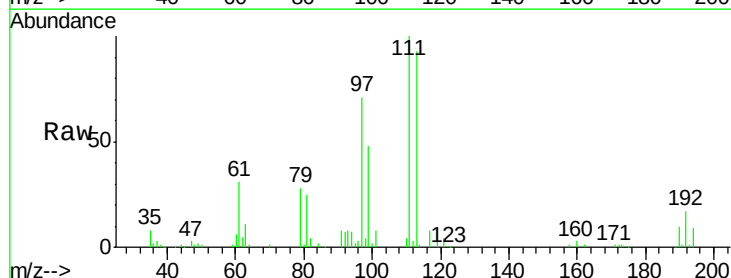
RT: 5.51 min Scan# 807

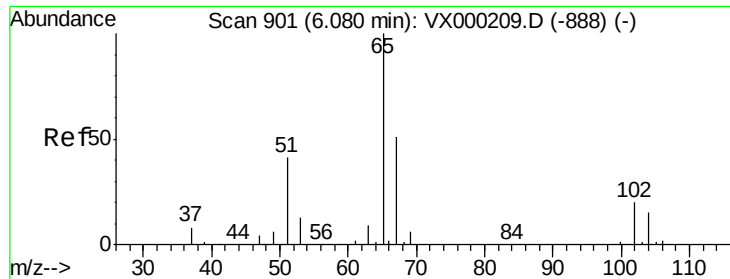
Delta R.T. 0.00 min

Lab File: VX000229.D

Acq: 08 Mar 2018 19:19

Tgt Ion:	97	Resp:	46180
Ion	Ratio	Lower	Upper
97	100		
99	67.9	50.9	76.3
61	47.1	35.4	53.0





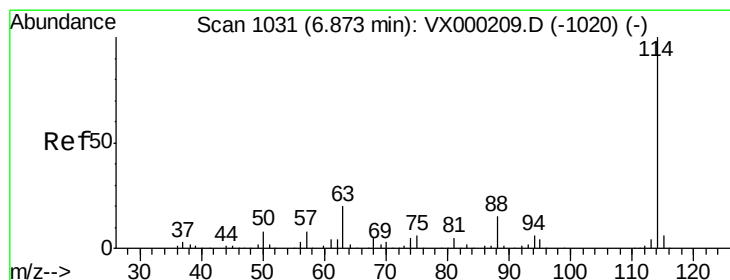
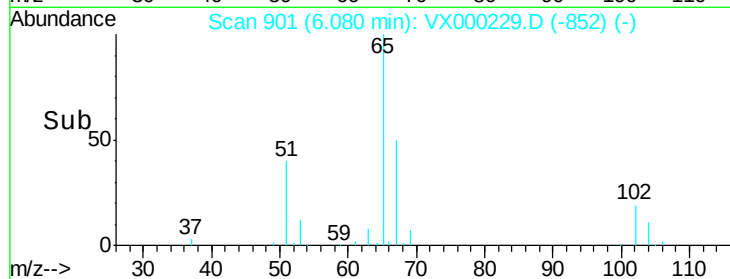
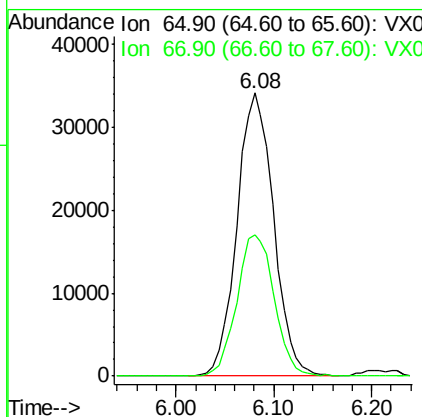
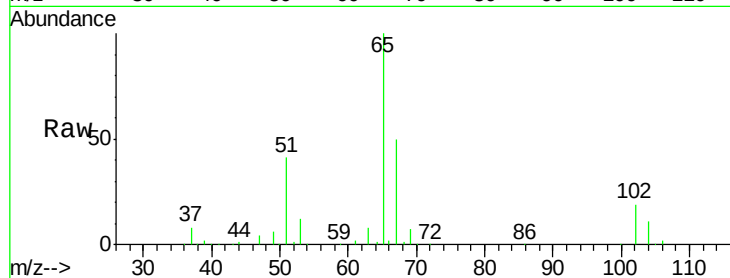
#33
 1,2-Dichloroethane-d4
 Concen: 49.74 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000229.D
 Acq: 08 Mar 2018 19:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.0	0.0	103.4	

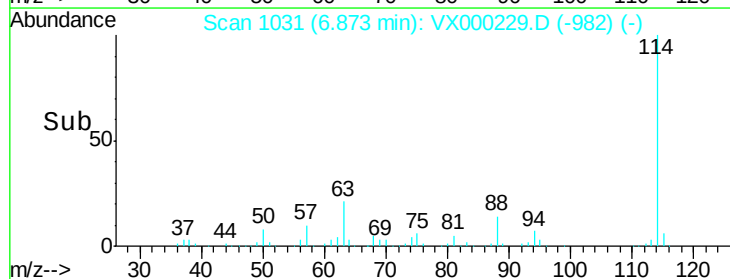
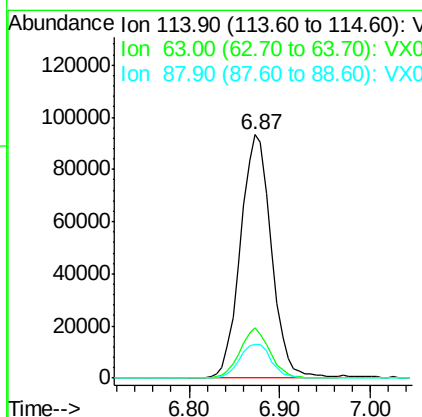
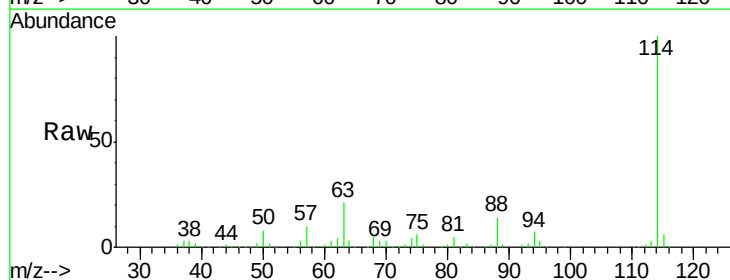
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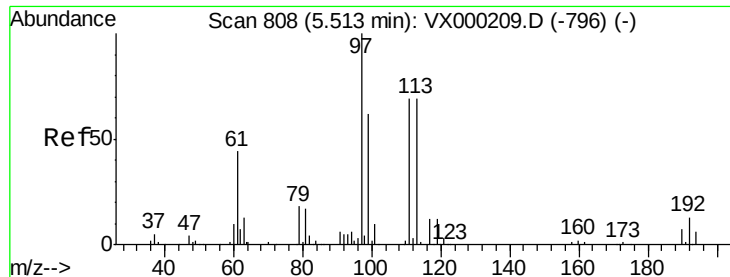
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000229.D
 Acq: 08 Mar 2018 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.7	0.0	39.2	
88	13.9	0.0	29.8	





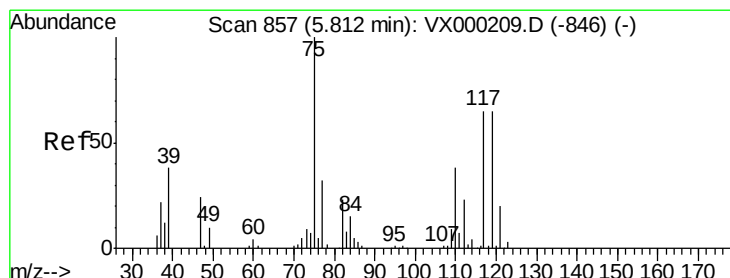
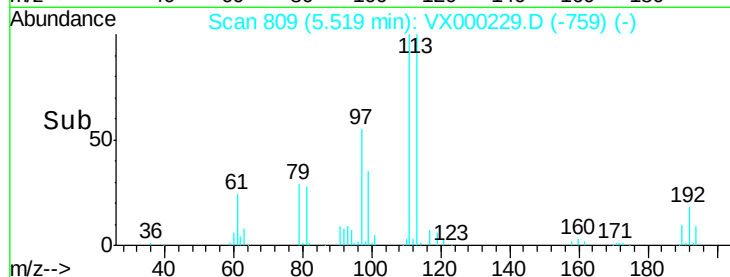
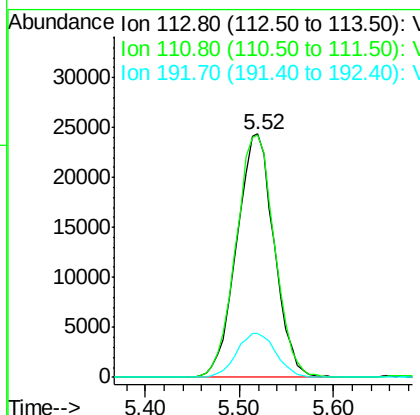
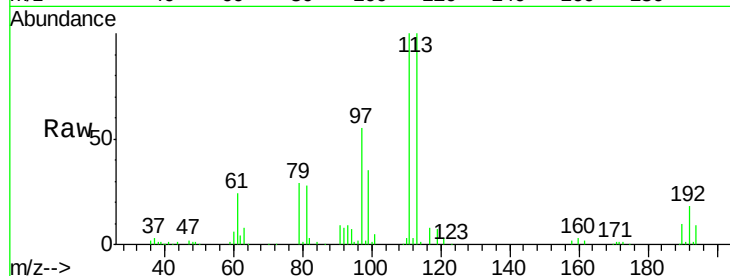
#35
 Dibromofluoromethane
 Concen: 48.70 ug/l
 RT: 5.52 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: VX000229.D
 Acq: 08 Mar 2018 19:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS02

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.0	124.6
192	19.0	15.5	23.3

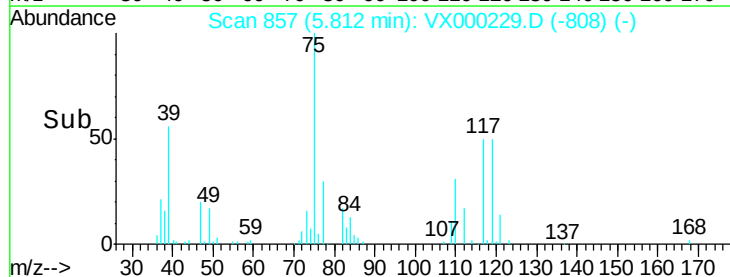
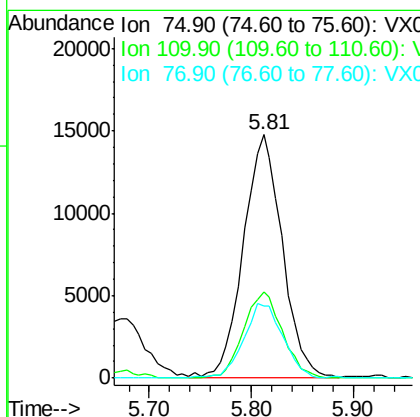
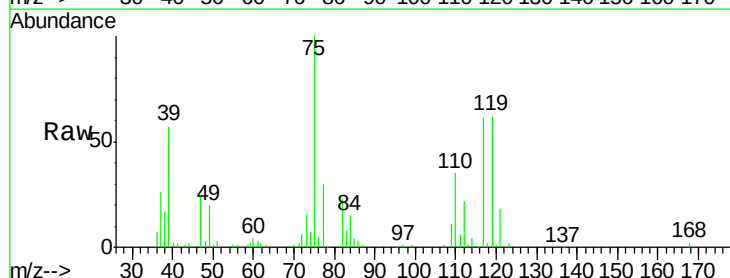
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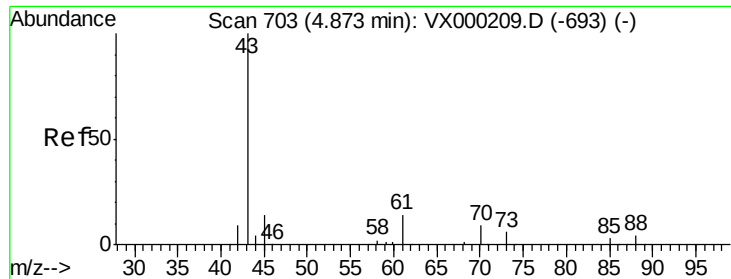
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#36
 1,1-Dichloropropene
 Concen: 19.95 ug/l
 RT: 5.81 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: VX000229.D
 Acq: 08 Mar 2018 19:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.2	17.8	53.5
77	30.7	24.9	37.3





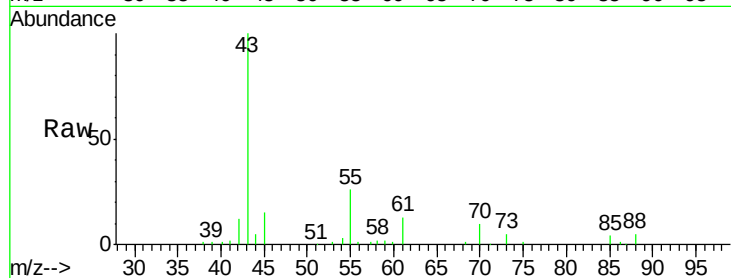
#37
Ethyl Acetate
Concen: 20.94 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX000229.D
Acq: 08 Mar 2018 19:19

Instrument :
MSVOA_X
ClientSampled :
VX0308WBS02

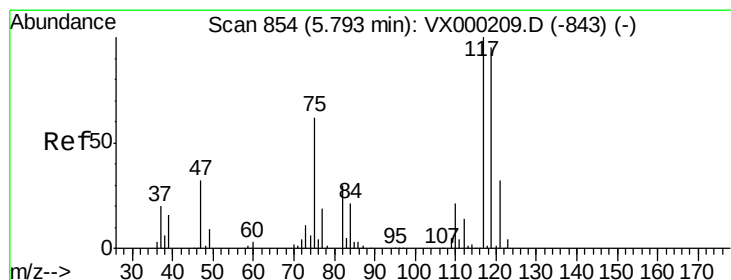
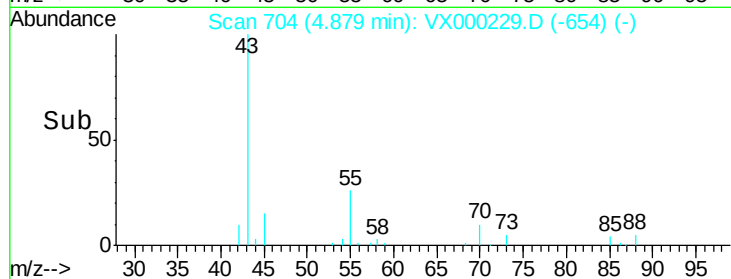
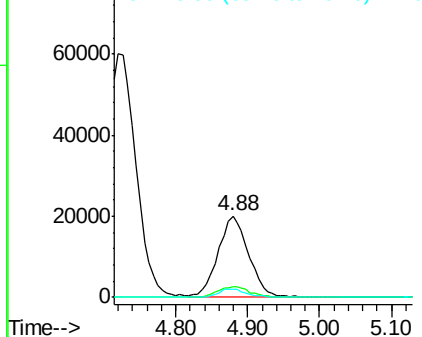
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.0	16.6
70	9.5	7.8	11.6

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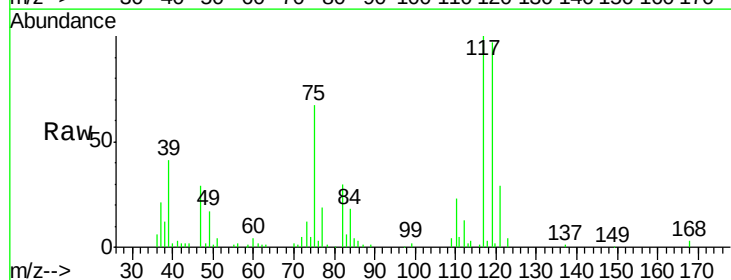


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

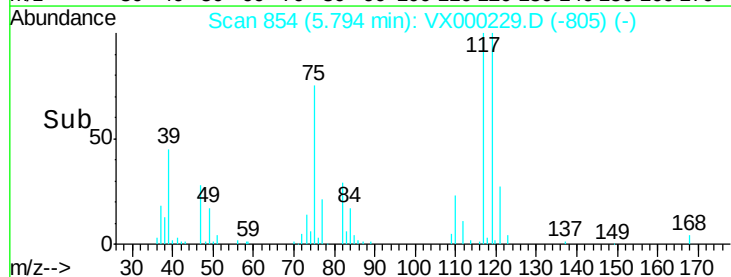
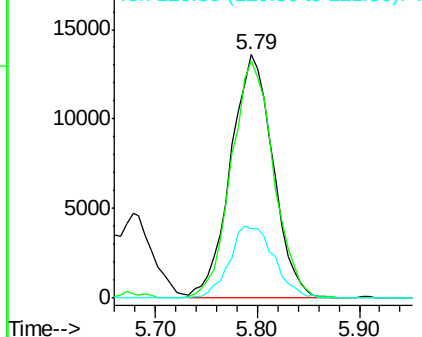


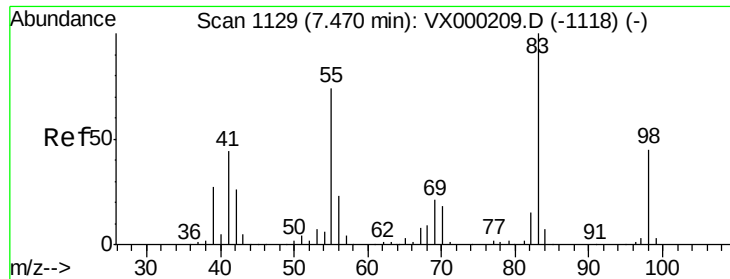
#38
Carbon Tetrachloride
Concen: 19.74 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX000229.D
Acq: 08 Mar 2018 19:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	75.9	113.9
121	28.7	25.8	38.6



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





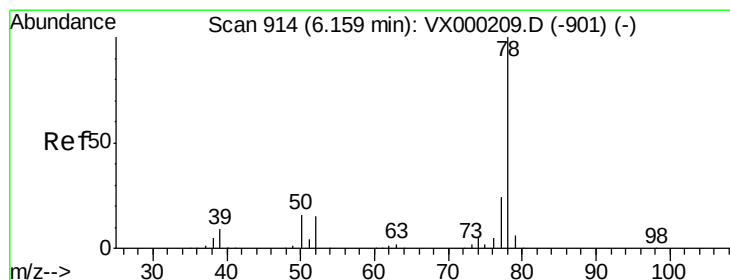
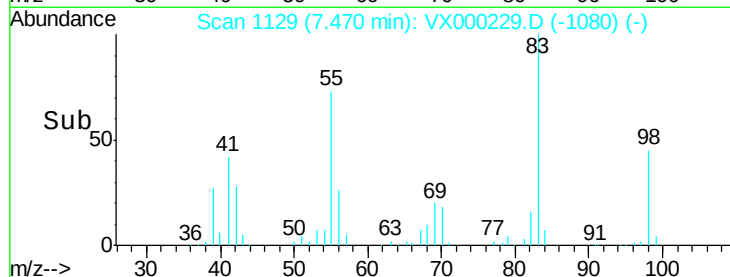
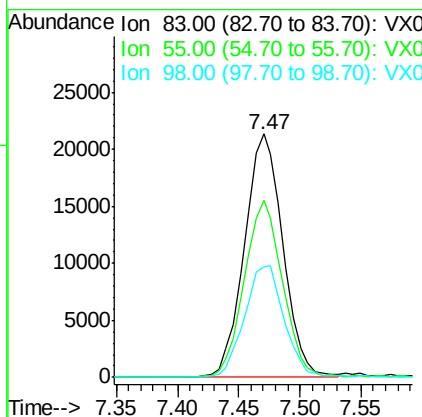
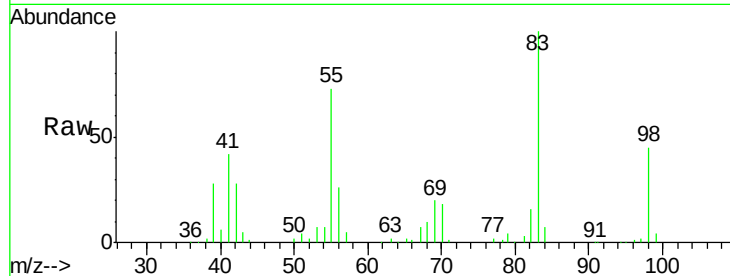
#39
Methylvlcyclohexane
Concen: 19.37 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000229.D
Acq: 08 Mar 2018 19:19

Instrument :
MSVOA_X
ClientSampled :
VX0308WBS02

Tot Ion	83	Resp	46718
Ion Ratio	100	Lower	Upper
83	100		
55	72.8	59.4	89.0
98	45.2	36.3	54.5

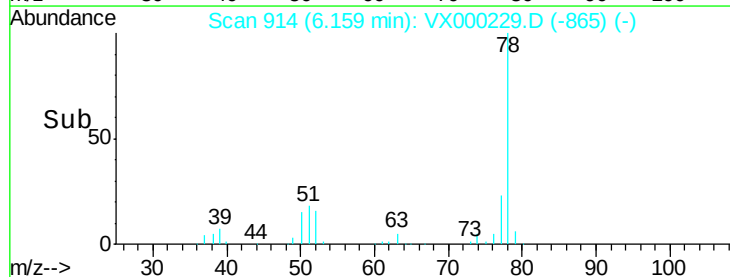
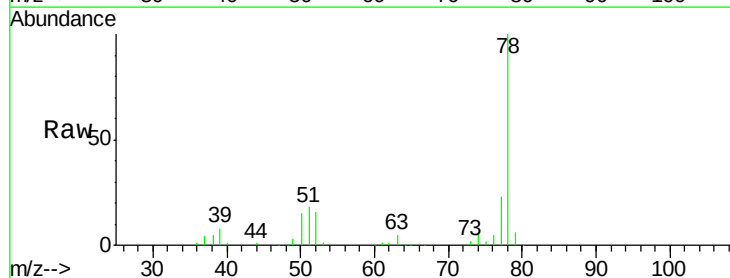
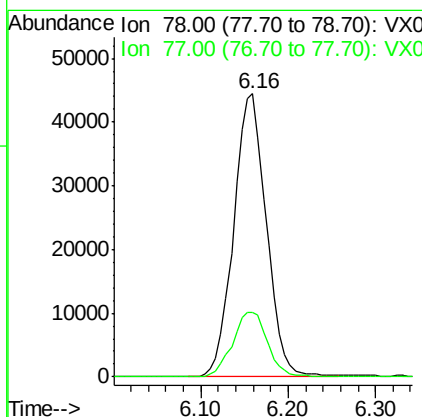
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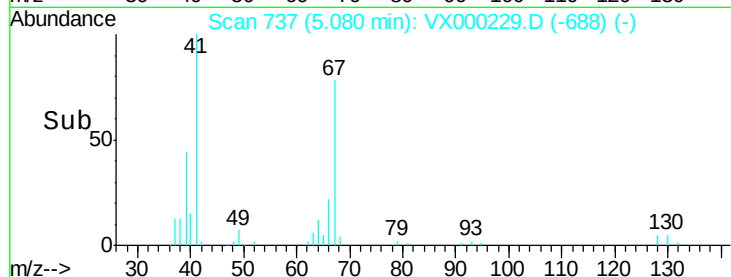
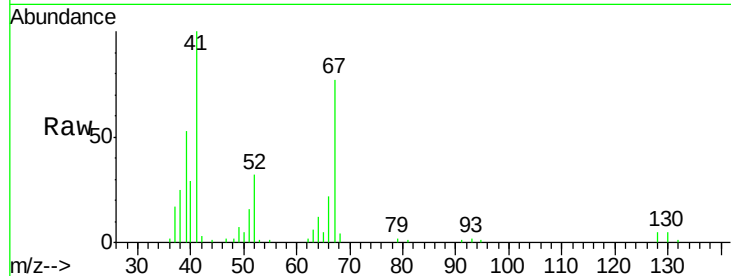
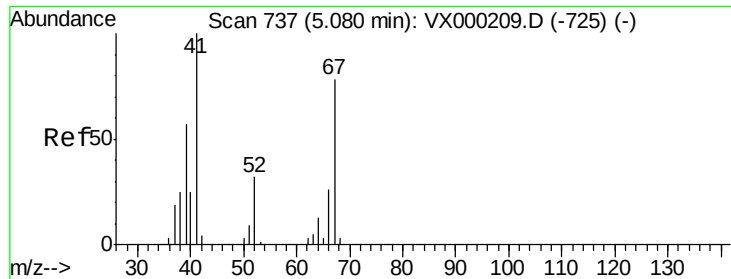
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#40
Benzene
Concen: 20.37 ug/l
RT: 6.16 min Scan# 914
Delta R.T. 0.00 min
Lab File: VX000229.D
Acq: 08 Mar 2018 19:19

Tgt Ion	78	Resp	115460
Ion Ratio	100	Lower	Upper
78	100		
77	22.9	19.4	29.2





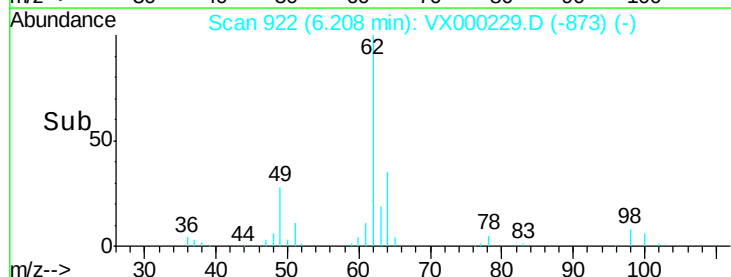
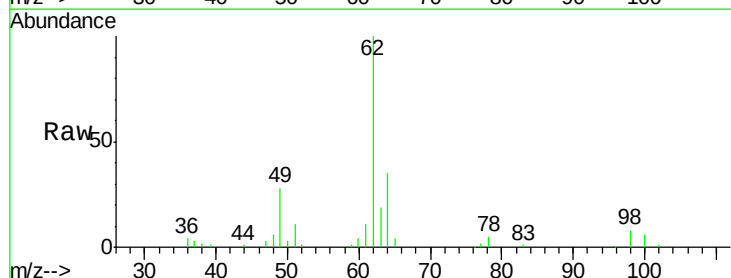
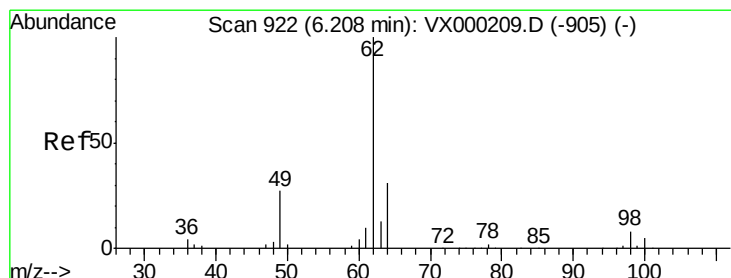
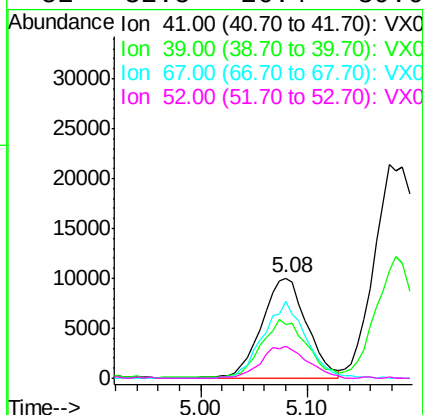
#41
Methacrylonitrile
Concen: 20.48 ug/l
RT: 5.08 min Scan# 737
Delta R.T. 0.00 min
Lab File: VX000229.D
Acq: 08 Mar 2018 19:19

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		29660		
39	57.6	47.8		71.6	
67	72.2	59.3		88.9	
52	32.5	26.4		39.6	

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS02

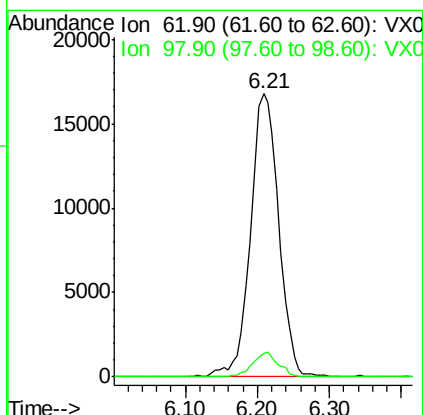
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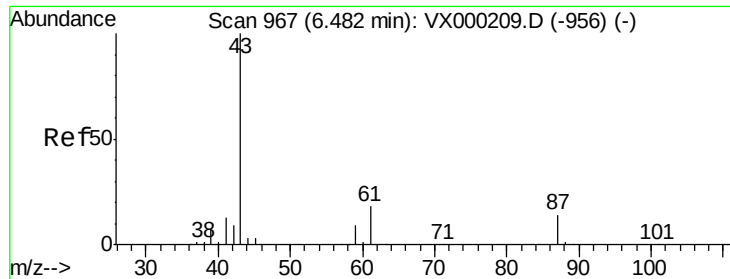
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#42
1,2-Dichloroethane
Concen: 20.54 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000229.D
Acq: 08 Mar 2018 19:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		45675		
98	7.9	0.0		16.2	





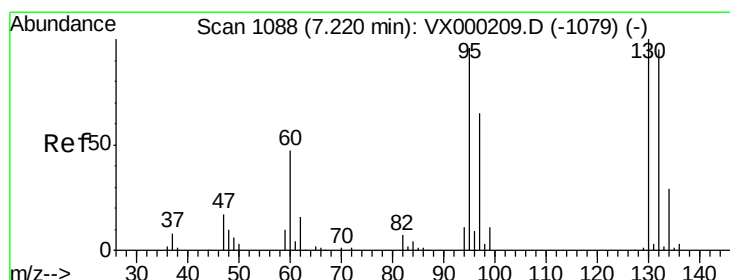
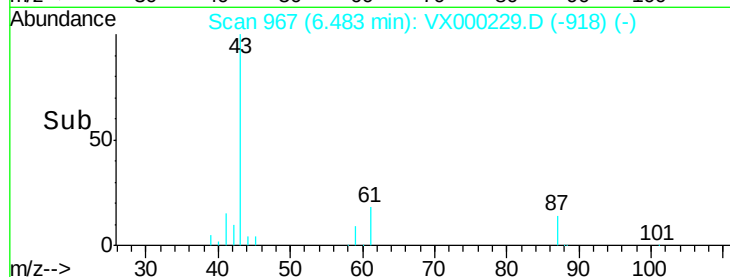
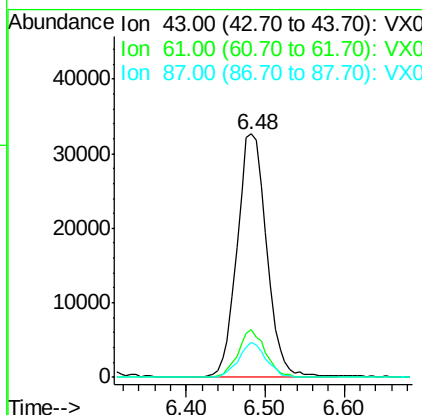
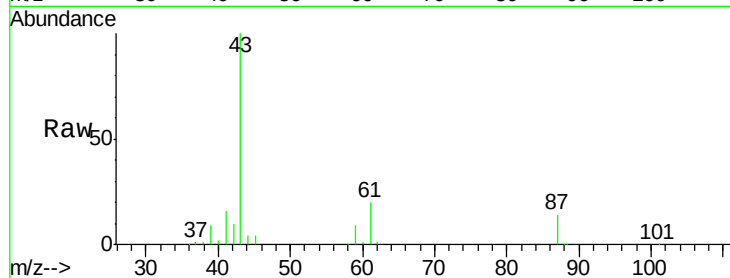
#43
Isopropyl Acetate
Concen: 20.79 ug/l
RT: 6.48 min Scan# 967
Delta R.T. 0.00 min
Lab File: VX000229.D
Acq: 08 Mar 2018 19:19

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.9	14.8	22.2
87	13.3	10.6	16.0

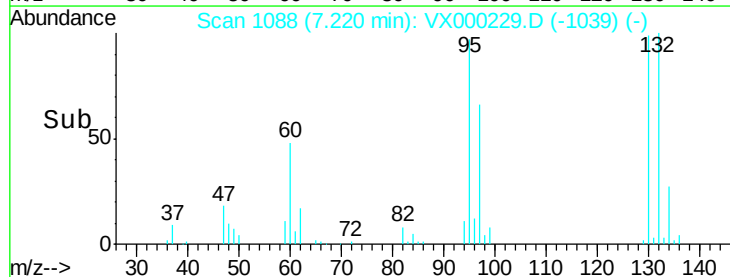
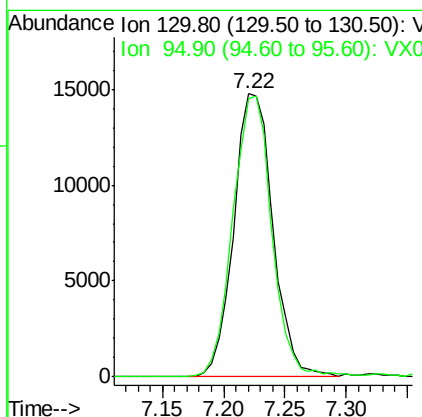
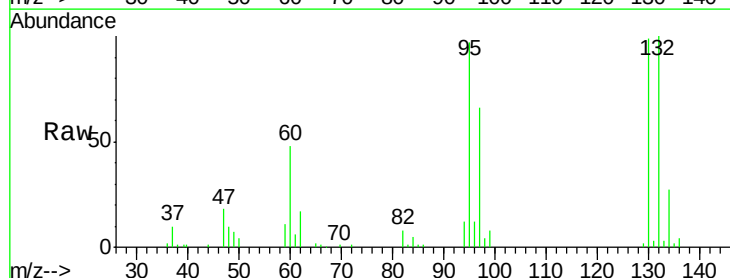
Manual Integrations
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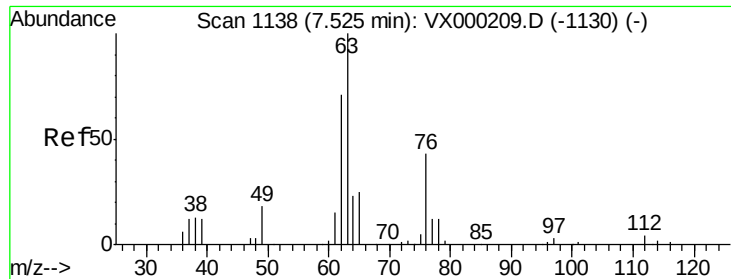
apatel
3/9/2018 9:38:33 AM



#44
Trichloroethene
Concen: 20.20 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX000229.D
Acq: 08 Mar 2018 19:19

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.2	0.0	191.8





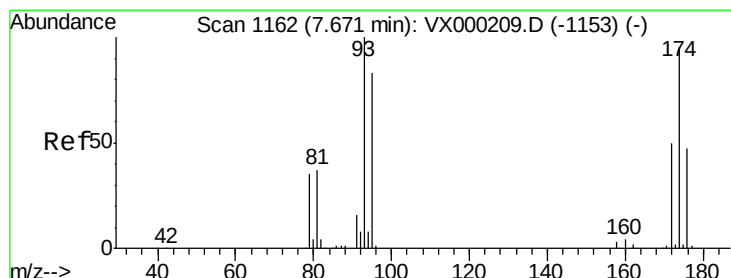
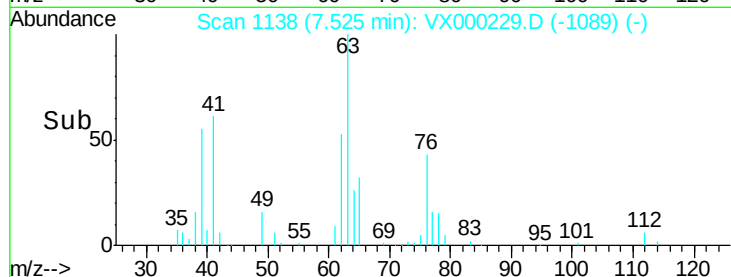
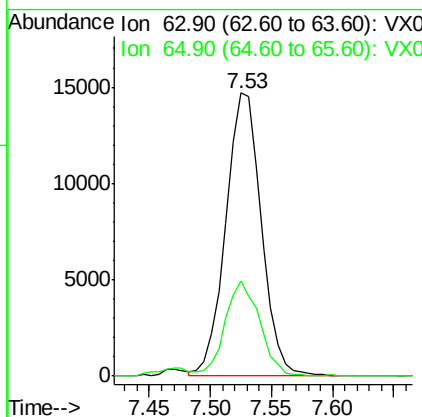
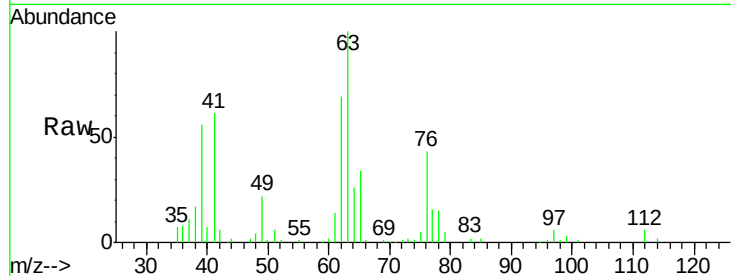
#45
 1,2-Dichloropropane
 Concen: 20.62 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX000229.D
 Acq: 08 Mar 2018 19:19

Instrument :
 MSVOA_X
 ClientSampled :
 VX0308WBS02

Tot Ion: 63 Resp: 29607
 Ion Ratio Lower Upper
 63 100
 65 33.6 22.3 33.5#

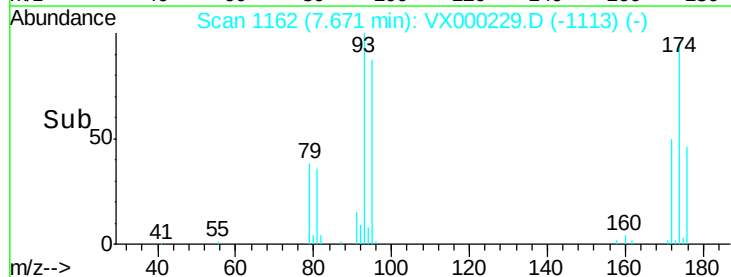
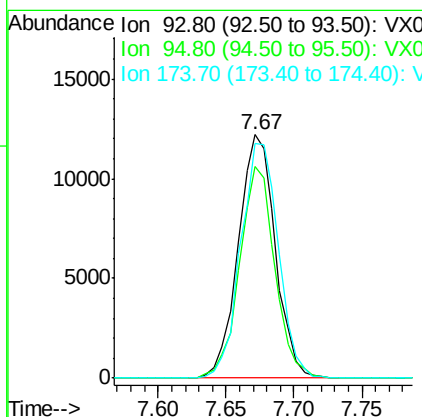
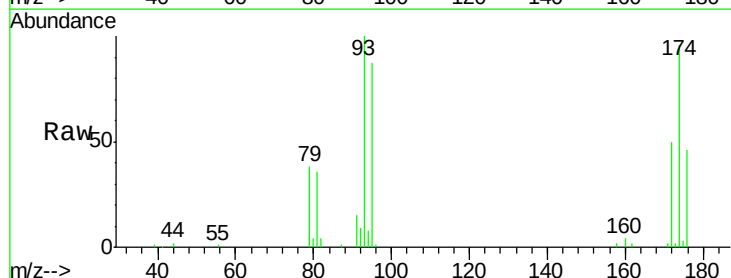
Manual Integrations
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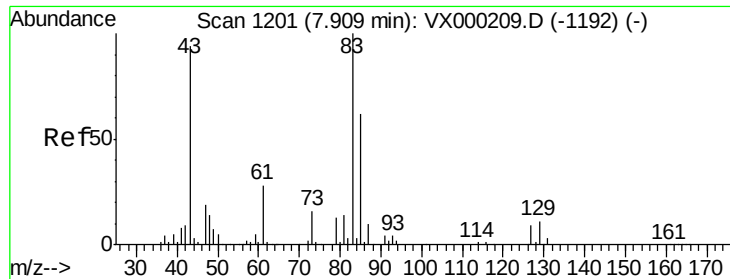
apatel
 3/9/2018 9:38:33 AM



#46
 Dibromomethane
 Concen: 20.38 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX000229.D
 Acq: 08 Mar 2018 19:19

Tgt Ion: 93 Resp: 23154
 Ion Ratio Lower Upper
 93 100
 95 83.0 64.1 96.1
 174 98.3 75.8 113.8





#47

Bromodichloromethane

Concen: 20.92 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000229.D

Acq: 08 Mar 2018 19:19

Instrument :

MSVOA_X

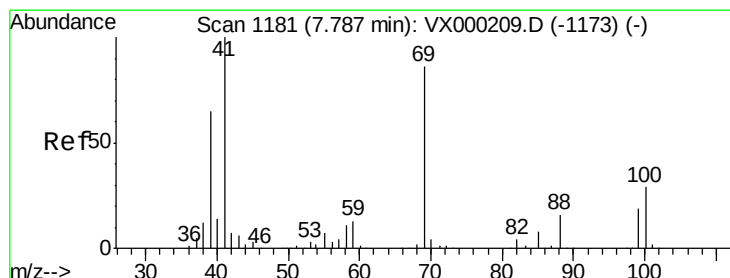
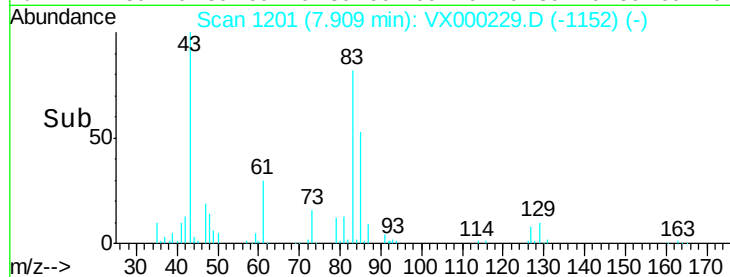
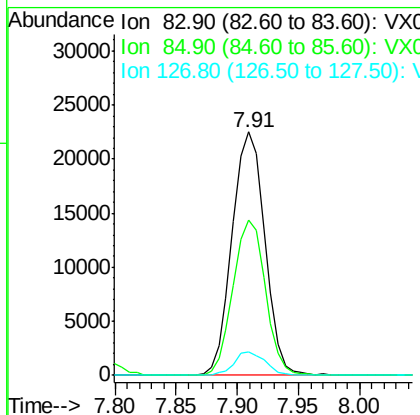
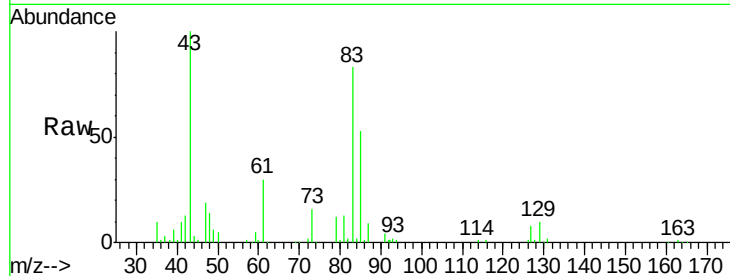
ClientSampleId :

VX0308WBS02

Tot Ion:	83	Resp:	41805
Ion Ratio	Lower	Upper	
83	100		
85	63.9	49.6	74.4
127	9.5	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.56 ug/l

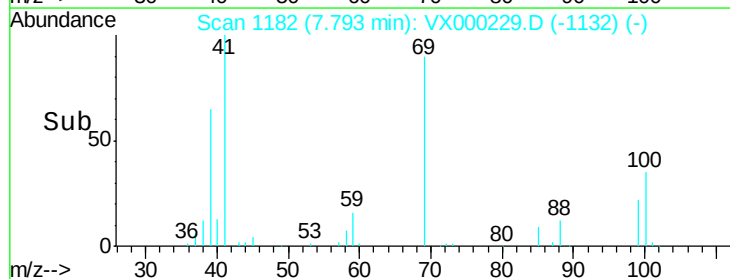
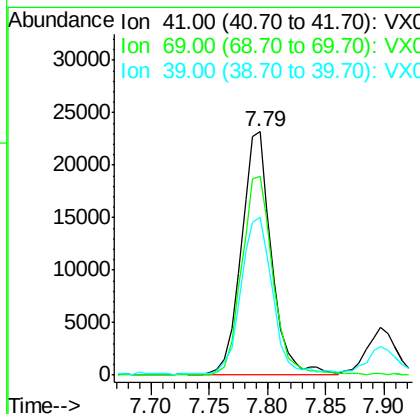
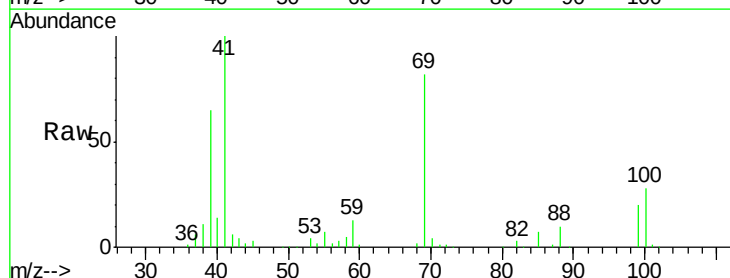
RT: 7.79 min Scan# 1182

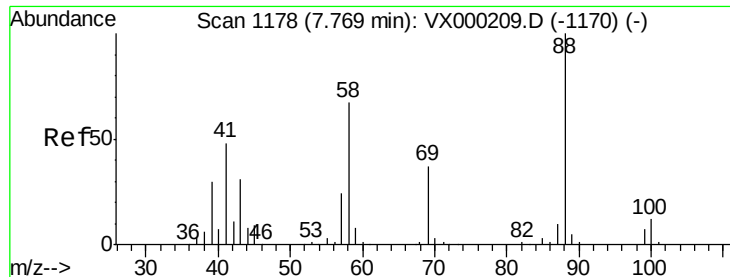
Delta R.T. 0.01 min

Lab File: VX000229.D

Acq: 08 Mar 2018 19:19

Tgt Ion:	41	Resp:	41588
Ion Ratio	Lower	Upper	
41	100		
69	84.8	70.0	105.0
39	66.8	53.6	80.4





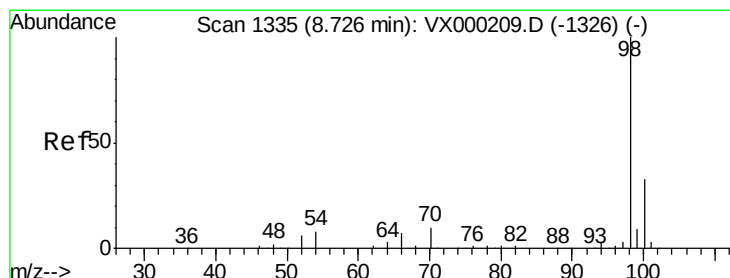
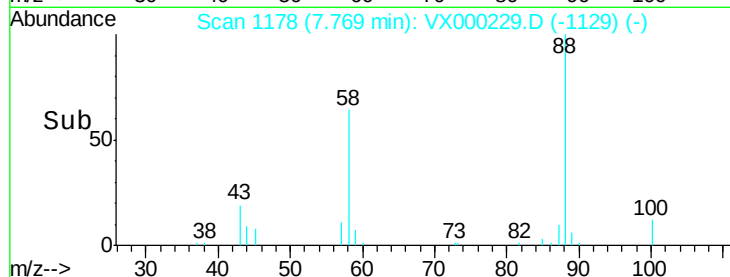
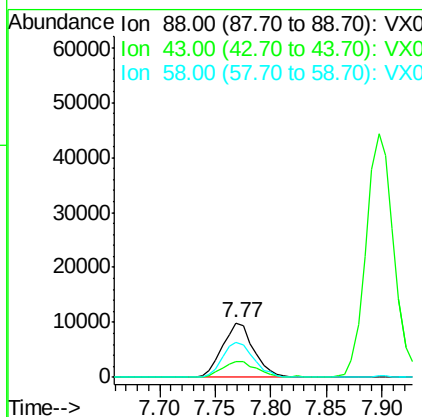
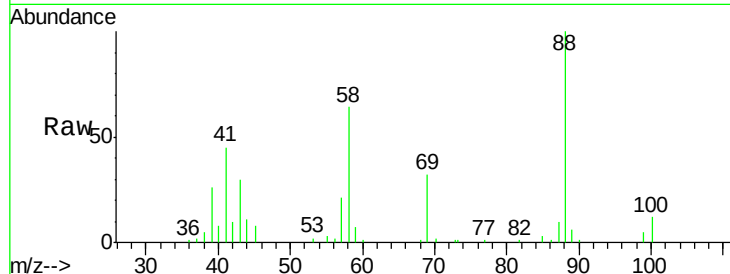
#49
1,4-Dioxane
Concen: 420.41 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VX000229.D
Acq: 08 Mar 2018 19:19

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.0	26.9	40.3
58	65.2	52.2	78.4

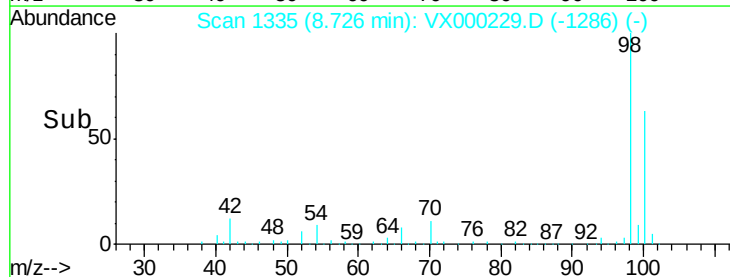
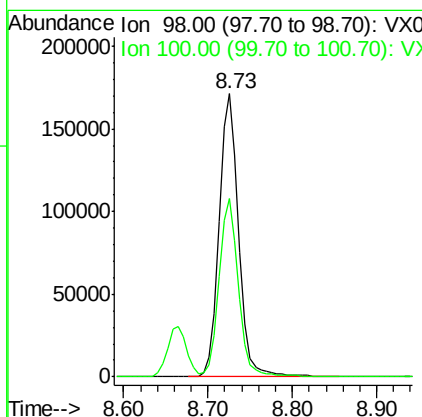
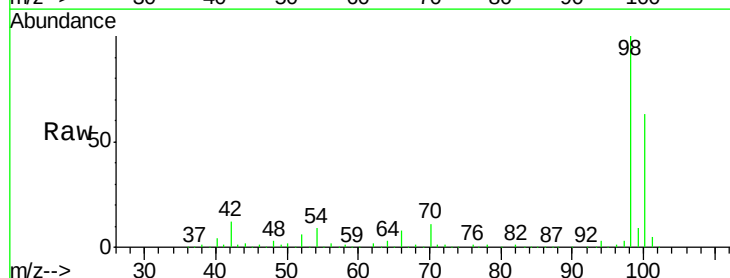
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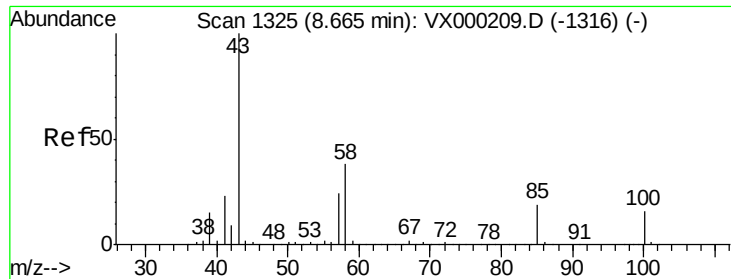
apatel
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#50
Toluene-d8
Concen: 47.59 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000229.D
Acq: 08 Mar 2018 19:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.2	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 107.27 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.01 min

Lab File: VX000229.D

Acq: 08 Mar 2018 19:19

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBS02

Tot Ion: 43 Resp: 332541

Ion Ratio Lower Upper

43 100

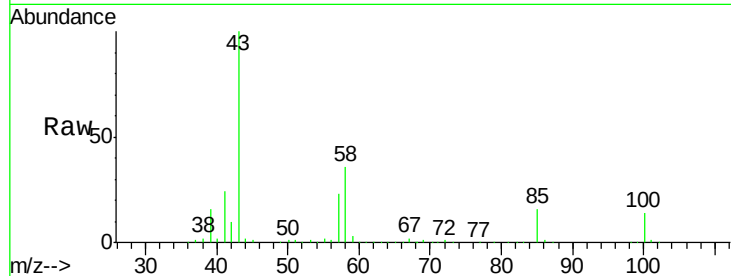
58 36.6 30.2 45.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

200000

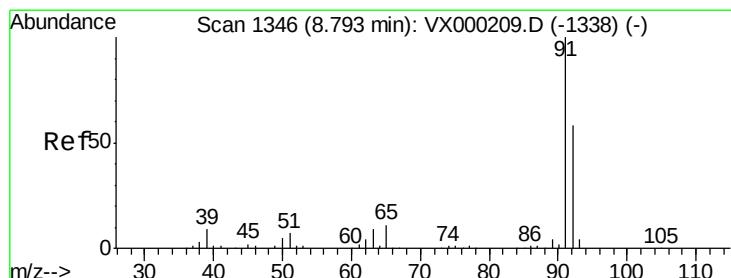
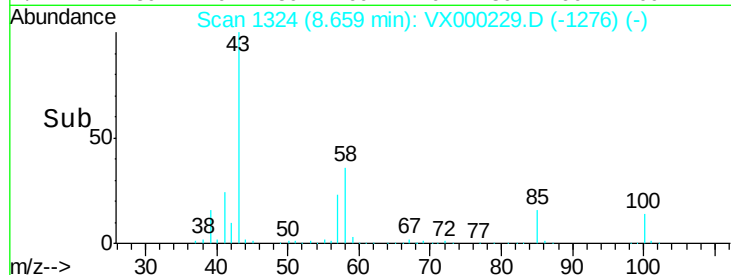
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.23 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000229.D

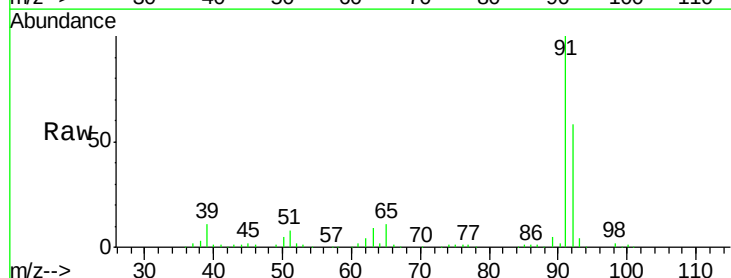
Acq: 08 Mar 2018 19:19

Tgt Ion: 92 Resp: 78603

Ion Ratio Lower Upper

92 100

91 178.0 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

100000

80000

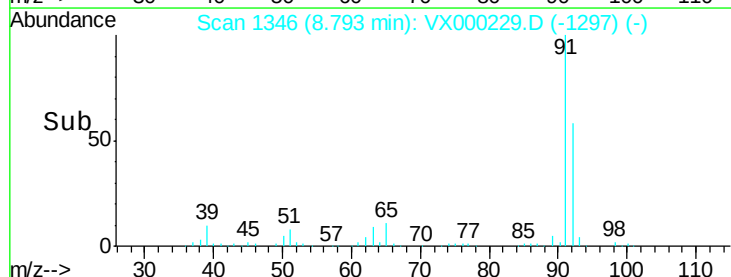
60000

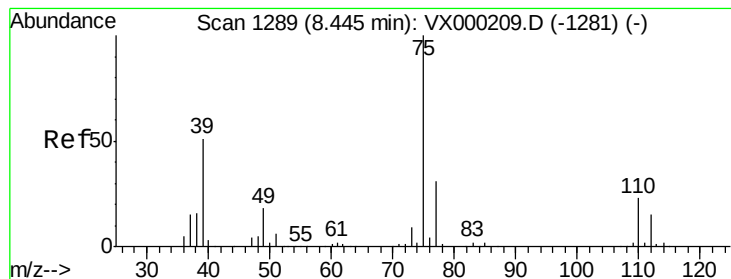
40000

20000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.08 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VX000229.D

Acq: 08 Mar 2018 19:19

Instrument :

MSVOA_X

ClientSampled :

VX0308WBS02

Tot Ion: 75 Resp: 47292

Ion Ratio Lower Upper

75 100

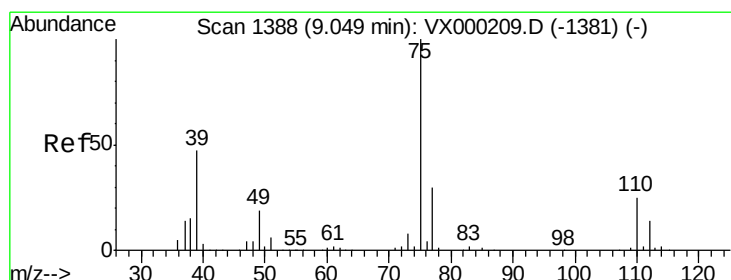
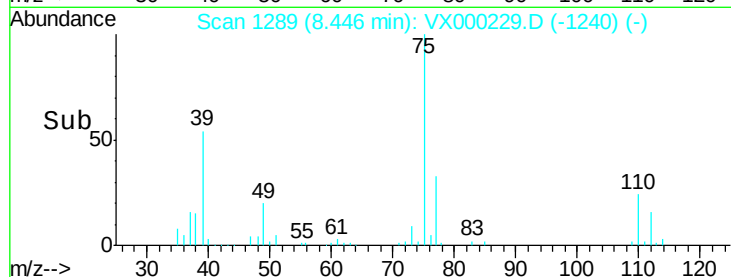
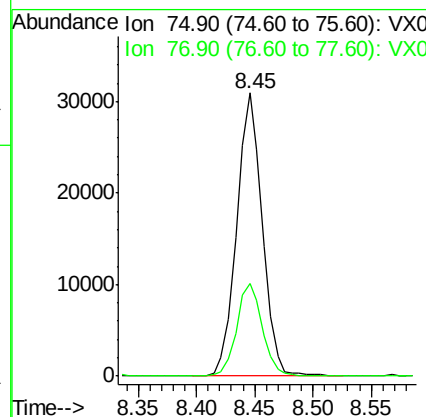
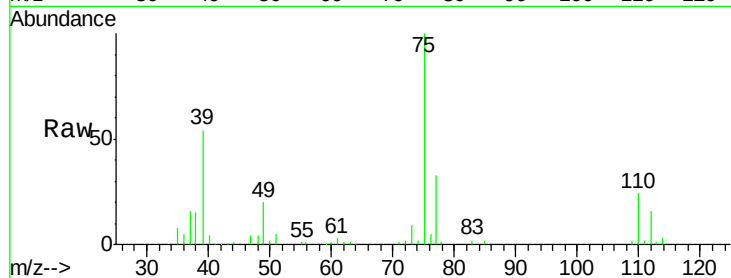
77 32.8 24.8 37.2

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 21.48 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX000229.D

Acq: 08 Mar 2018 19:19

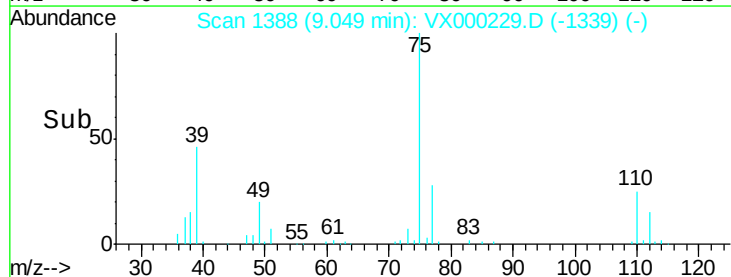
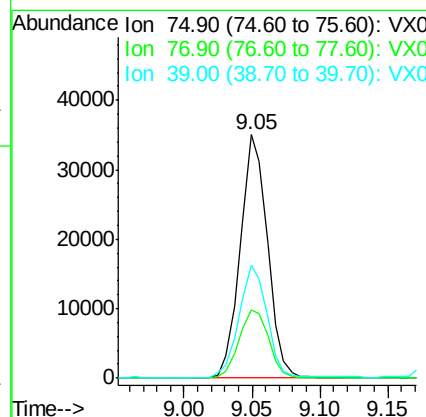
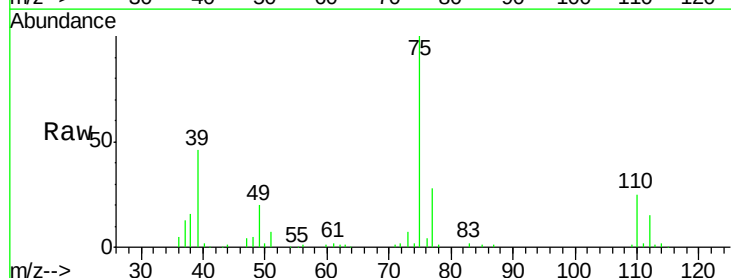
Tgt Ion: 75 Resp: 48940

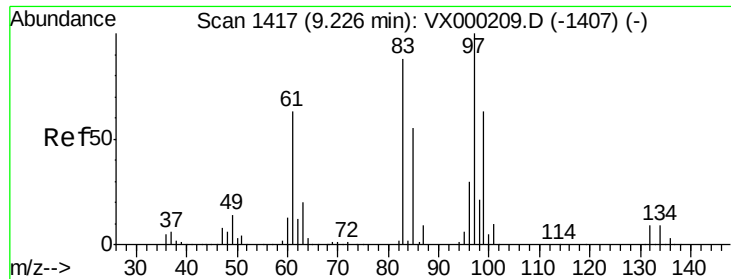
Ion Ratio Lower Upper

75 100

77 28.0 23.9 35.9

39 46.1 37.4 56.2





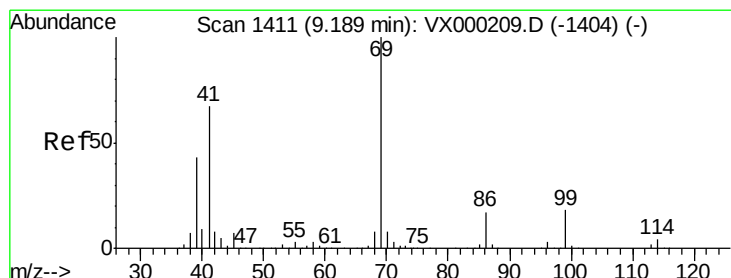
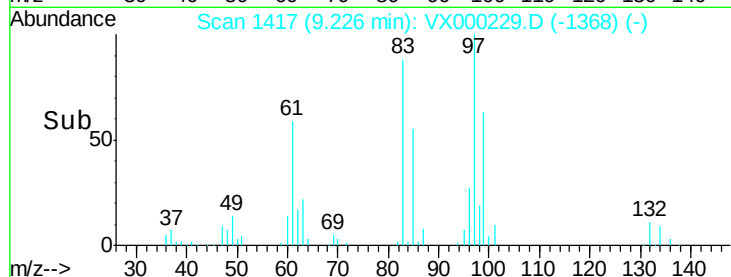
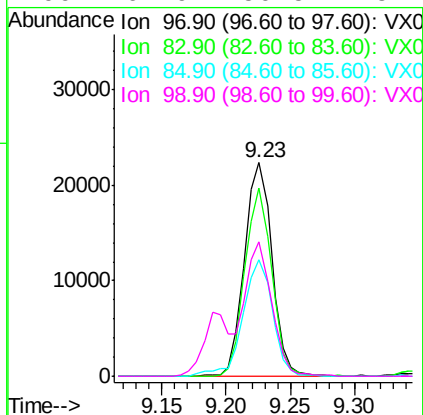
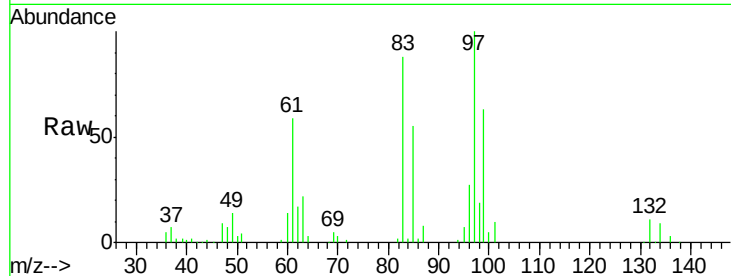
#55
 1,1,2-Trichloroethane
 Concen: 20.97 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000229.D
 Acq: 08 Mar 2018 19:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		33007		
83	88.3	70.4	105.6		
85	54.8	43.9	65.9		
99	62.9	50.5	75.7		

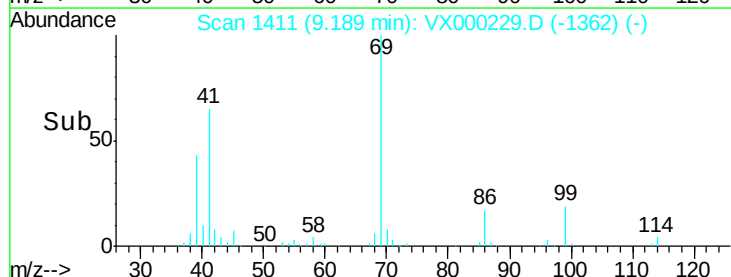
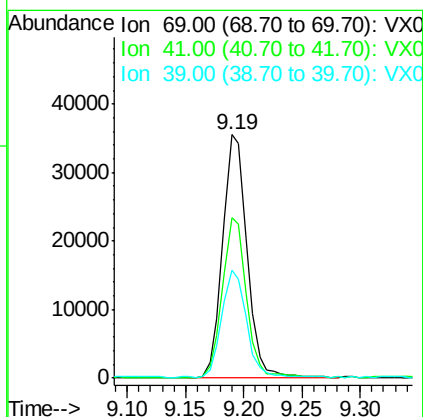
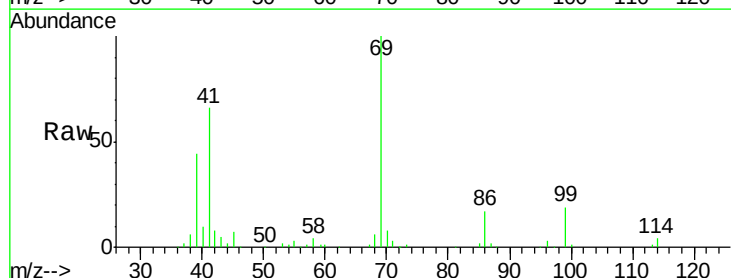
Manual Integrations
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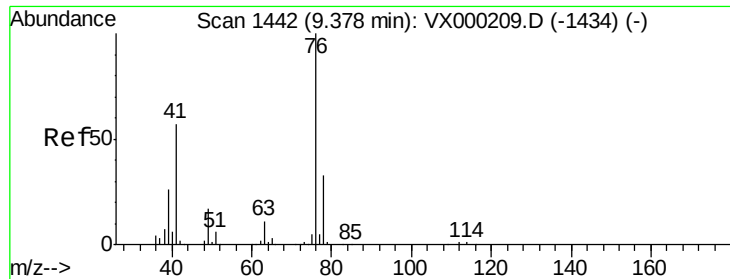
apatel
 3/9/2018 9:38:33 AM



#56
 Ethyl methacrylate
 Concen: 22.04 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX000229.D
 Acq: 08 Mar 2018 19:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		51901		
41	65.0	52.2	78.2		
39	44.9	34.3	51.5		





#57

1,3-Dichloropropane

Concen: 20.74 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX000229.D

Acq: 08 Mar 2018 19:19

Instrument :

MSVOA_X

ClientSampled :

VX0308WBS02

Tot Ion: 76 Resp: 54808

Ion Ratio Lower Upper

76 100

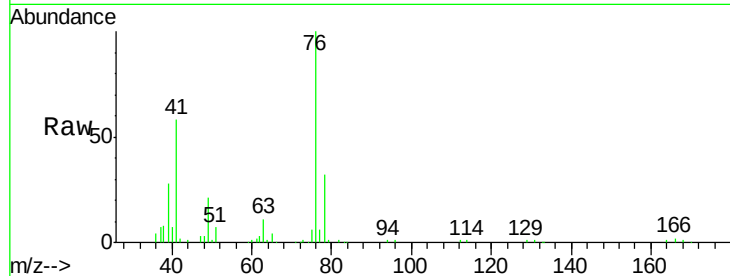
78 31.5 26.2 39.2

Manual Integrations

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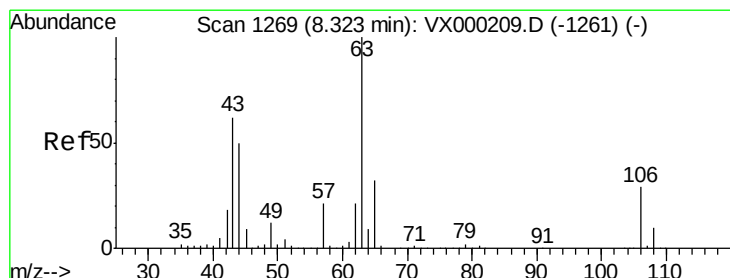
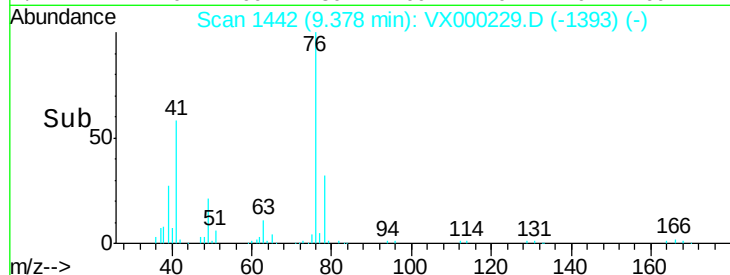
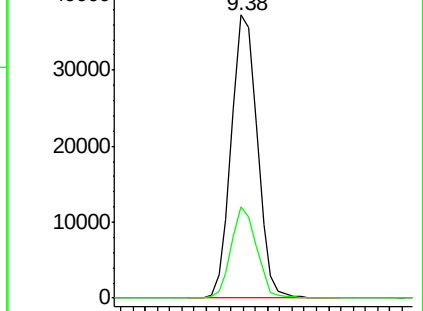
apatel

3/9/2018 9:38:33 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 103.26 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX000229.D

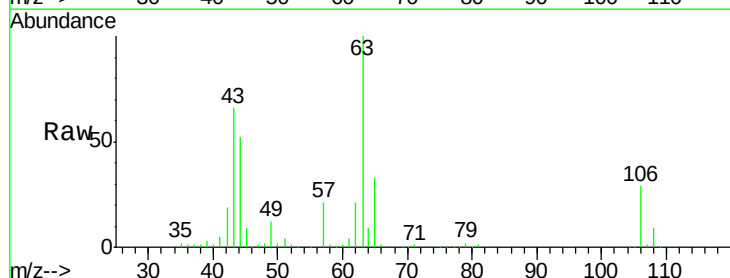
Acq: 08 Mar 2018 19:19

Tgt Ion: 63 Resp: 122780

Ion Ratio Lower Upper

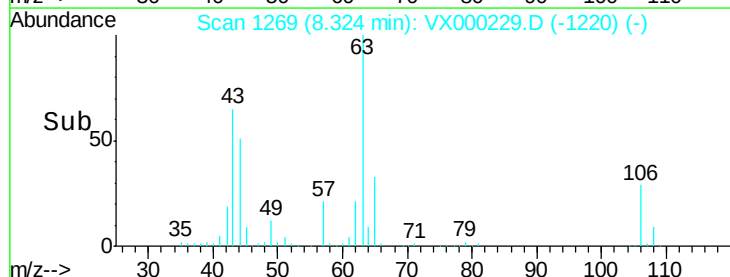
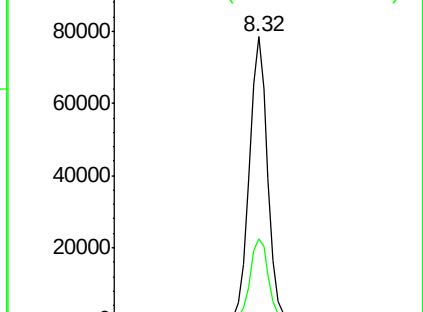
63 100

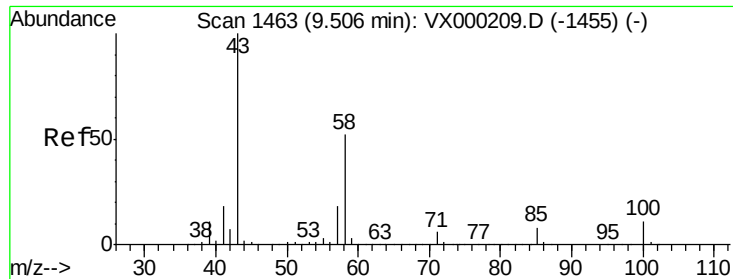
106 29.1 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





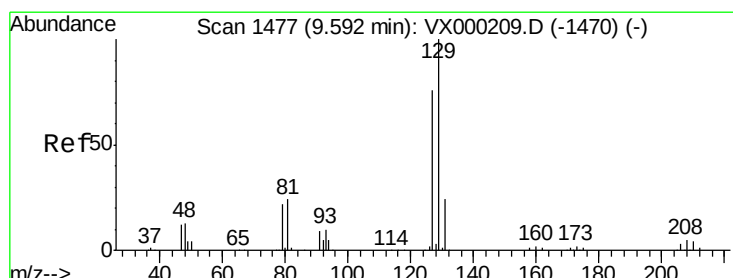
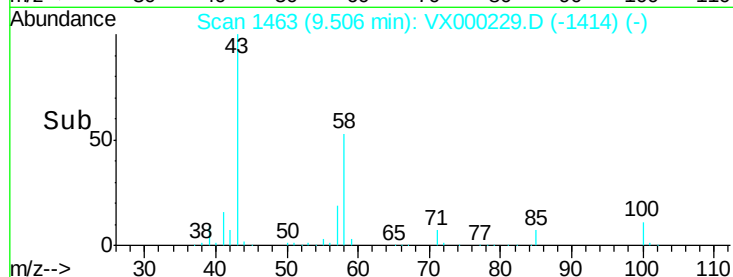
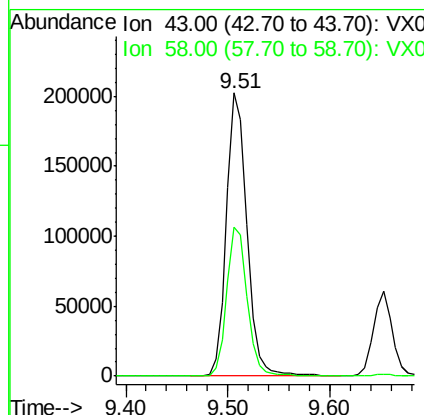
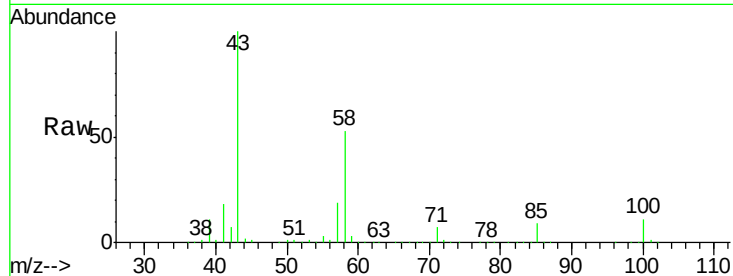
#59
2-Hexanone
Concen: 107.05 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000229.D
Acq: 08 Mar 2018 19:19

Instrument :
MSVOA_X
ClientSampled :
VX0308WBS02

Tot Ion: 43 Resp: 282954
Ion Ratio Lower Upper
43 100
58 52.8 26.6 79.7

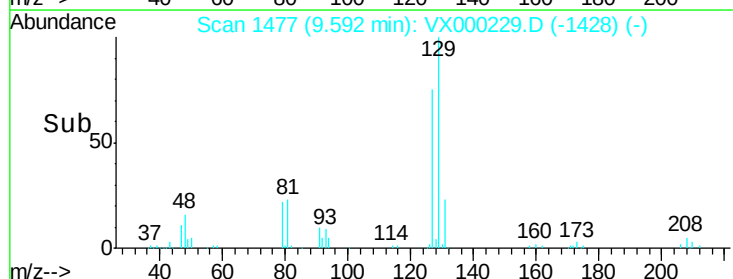
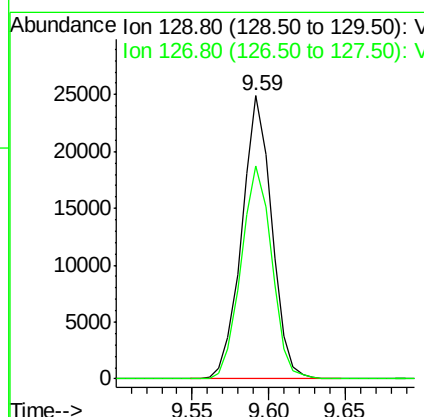
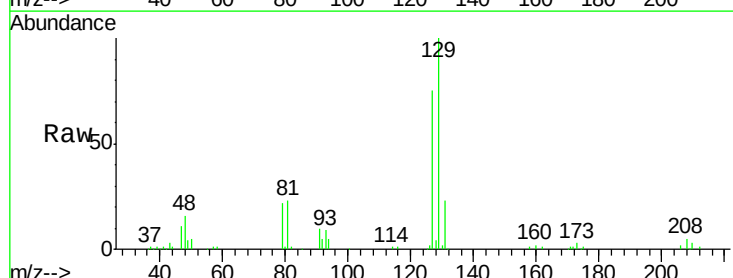
Manual Integrations
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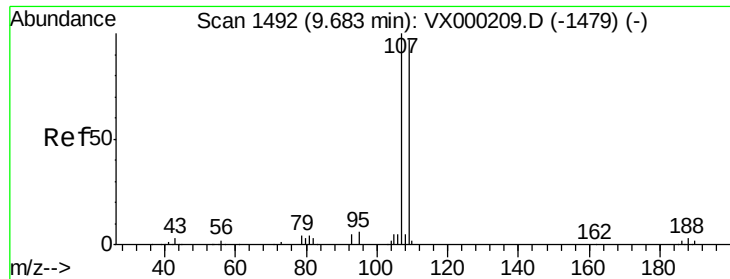
apatel
3/9/2018 9:38:33 AM



#60
Dibromochloromethane
Concen: 20.43 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000229.D
Acq: 08 Mar 2018 19:19

Tgt Ion: 129 Resp: 33906
Ion Ratio Lower Upper
129 100
127 77.3 39.1 117.2





#61

1,2-Dibromoethane

Concen: 21.03 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000229.D

Acq: 08 Mar 2018 19:19

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBS02

Tot Ion: 107 Resp: 36751

Ion Ratio Lower Upper

107 100

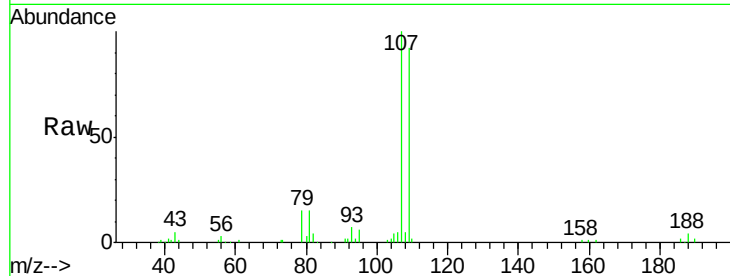
109 93.2 76.8 115.2

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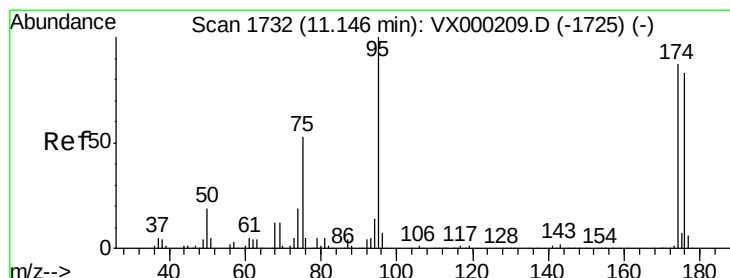
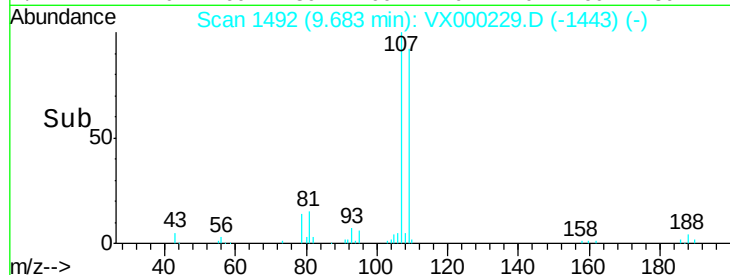


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

Time-->



#62

4-Bromofluorobenzene

Concen: 46.73 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000229.D

Acq: 08 Mar 2018 19:19

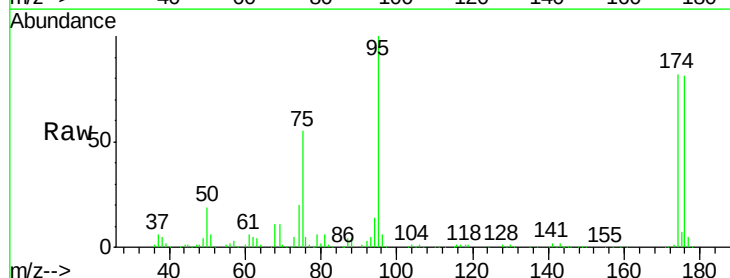
Tgt Ion: 95 Resp: 104825

Ion Ratio Lower Upper

95 100

174 82.2 0.0 175.6

176 81.3 0.0 171.0



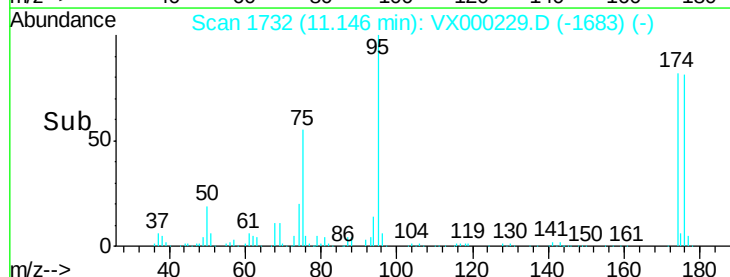
Abundance Ion 94.90 (94.60 to 95.60): VX0

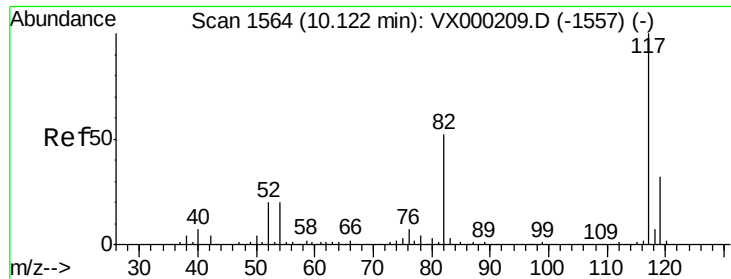
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.15

Time-->





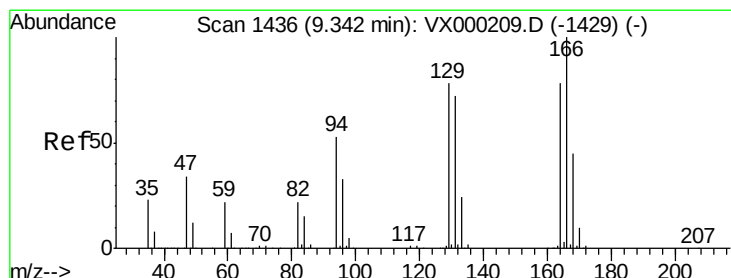
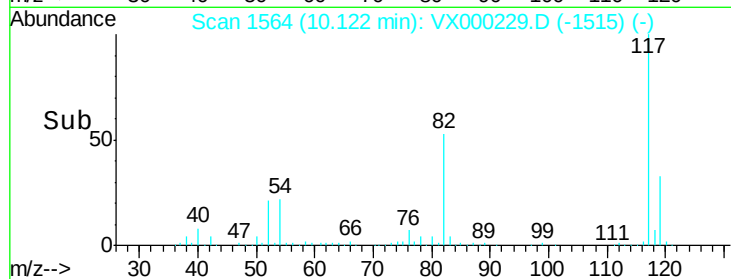
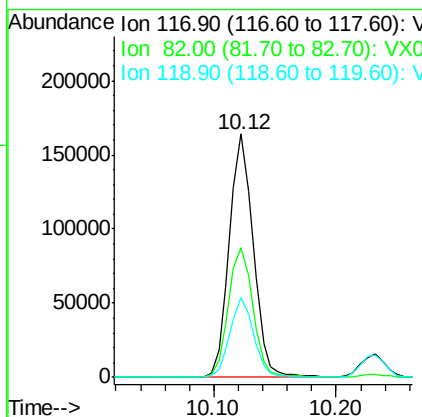
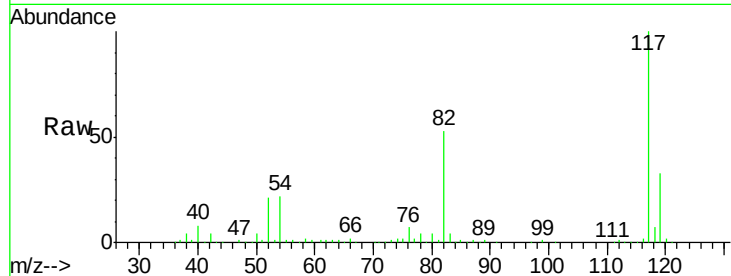
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000229.D
Acq: 08 Mar 2018 19:19

Instrument :
MSVOA_X
ClientSampled :
VX0308WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	42.0	63.0
119	32.9	25.3	37.9

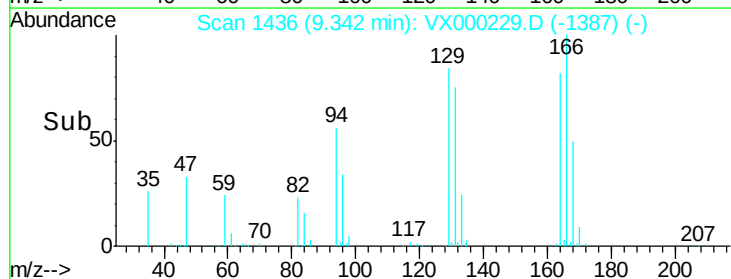
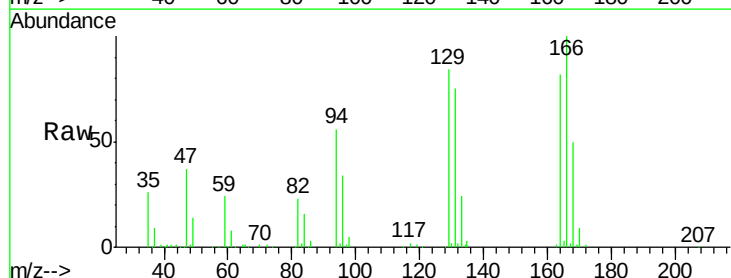
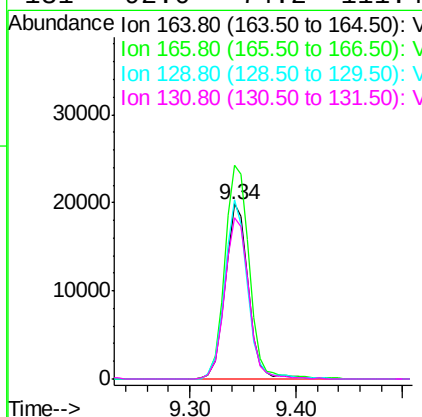
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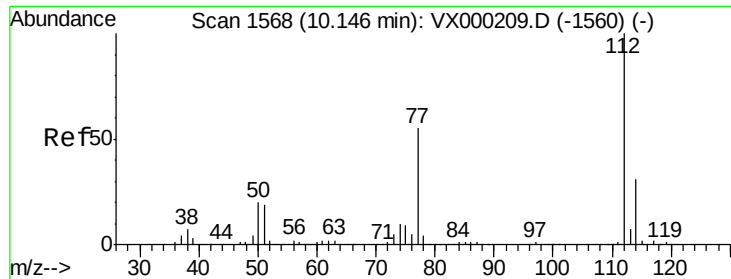
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#64
Tetrachloroethene
Concen: 19.46 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000229.D
Acq: 08 Mar 2018 19:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.1	103.0	154.6
129	102.6	80.2	120.4
131	92.0	74.2	111.4





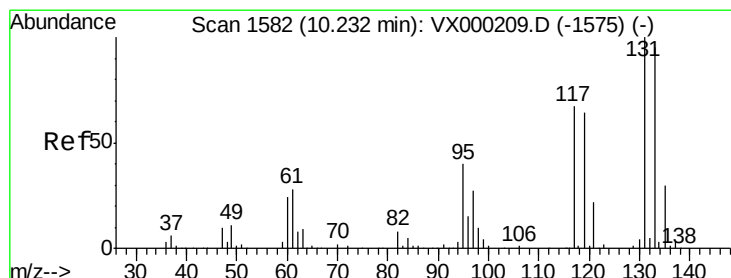
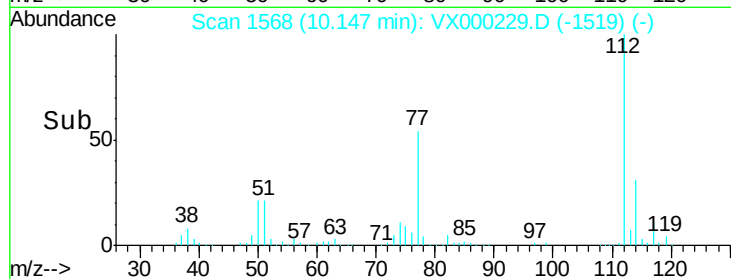
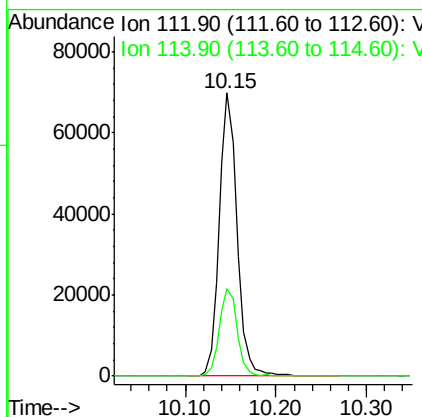
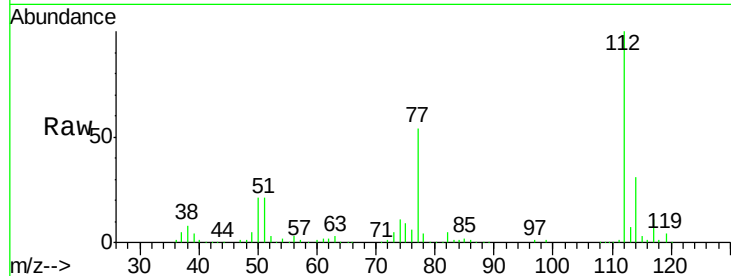
#65
Chlorobenzene
Concen: 21.31 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000229.D
Acq: 08 Mar 2018 19:19

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS02

Tot Ion:112 Resp: 95846
Ion Ratio Lower Upper
112 100
114 31.1 25.0 37.4

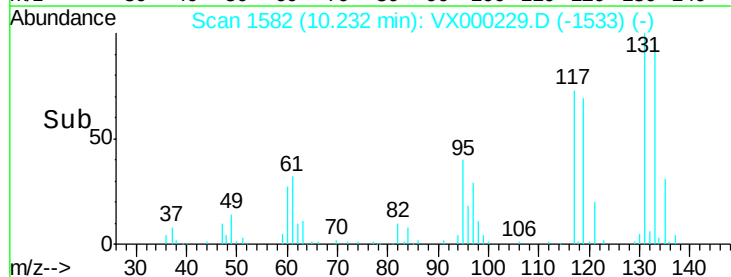
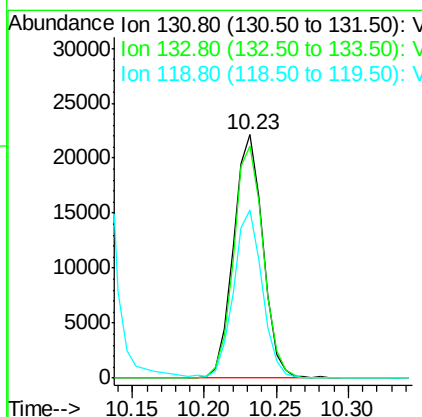
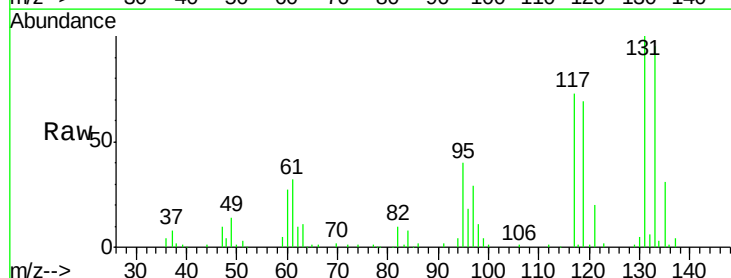
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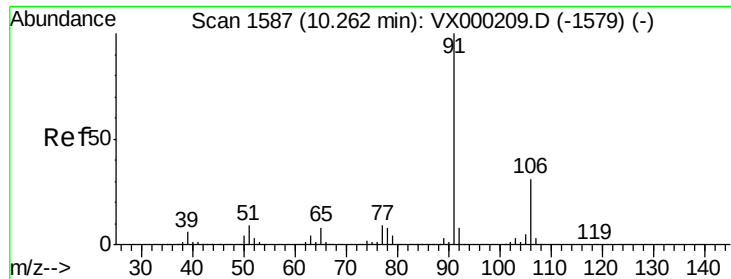
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.59 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VX000229.D
Acq: 08 Mar 2018 19:19

Tgt Ion:131 Resp: 31661
Ion Ratio Lower Upper
131 100
133 96.1 48.3 144.9
119 67.6 32.3 96.8





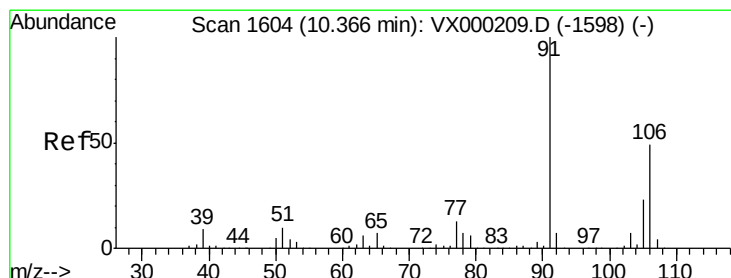
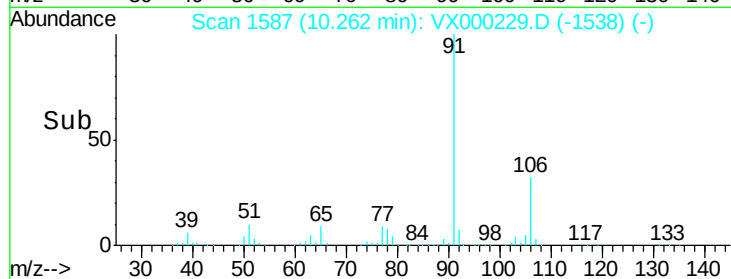
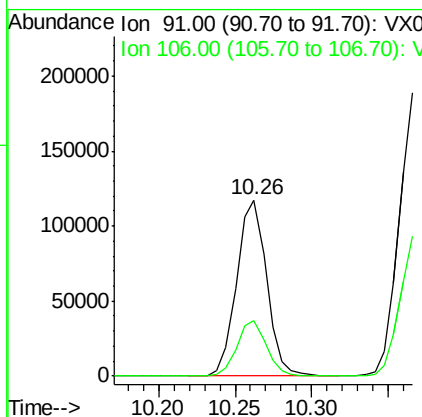
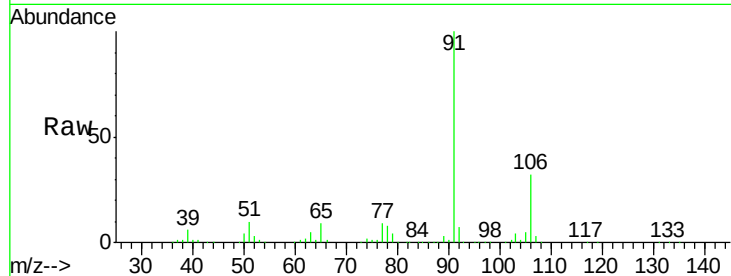
#67
Ethyl Benzene
Concen: 20.38 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.00 min
Lab File: VX000229.D
Acq: 08 Mar 2018 19:19

Instrument :
MSVOA_X
ClientSampled :
VX0308WBS02

Tot Ion: 91 Resp: 159969
Ion Ratio Lower Upper
91 100
106 31.7 25.2 37.8

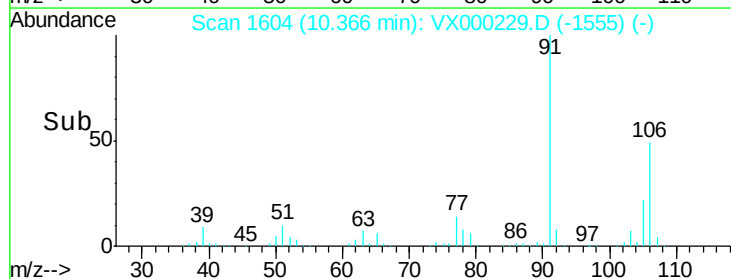
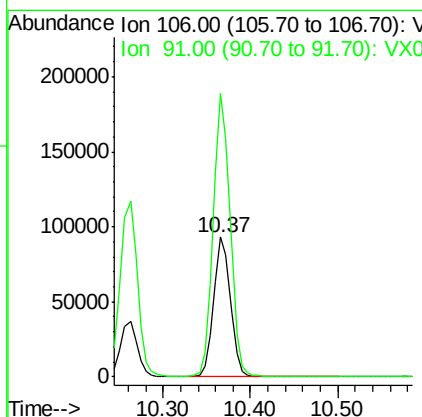
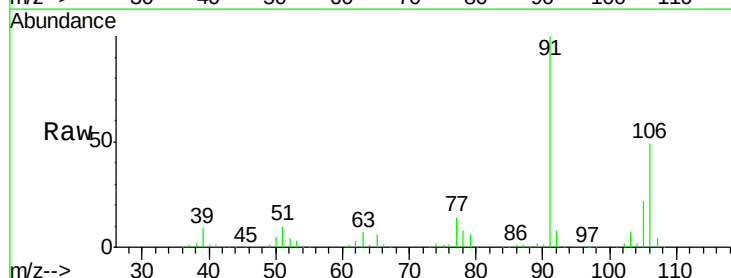
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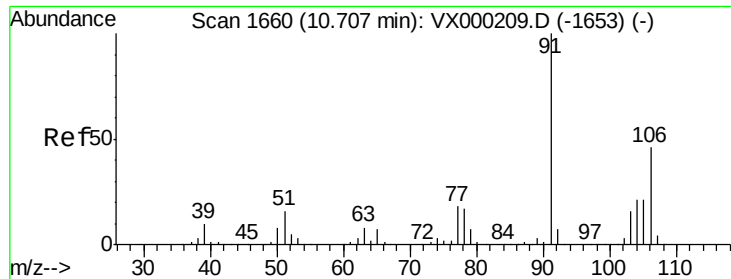
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#68
m/p-Xylenes
Concen: 41.23 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000229.D
Acq: 08 Mar 2018 19:19

Tgt Ion: 106 Resp: 124550
Ion Ratio Lower Upper
106 100
91 203.1 160.9 241.3





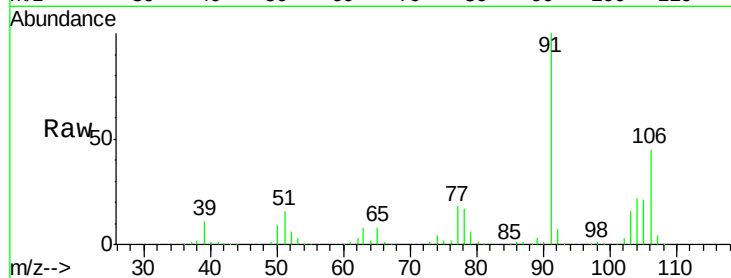
#69
o-Xylene
Concen: 20.68 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000229.D
Acq: 08 Mar 2018 19:19

Instrument :
MSVOA_X
ClientSampled :
VX0308WBS02

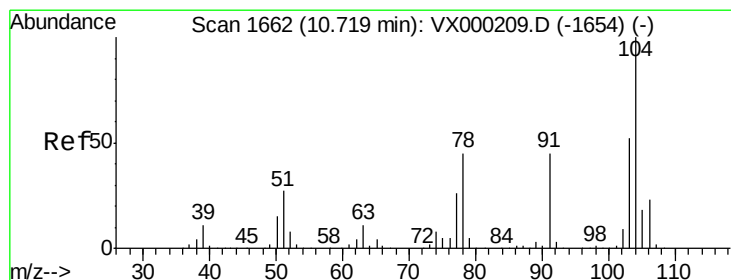
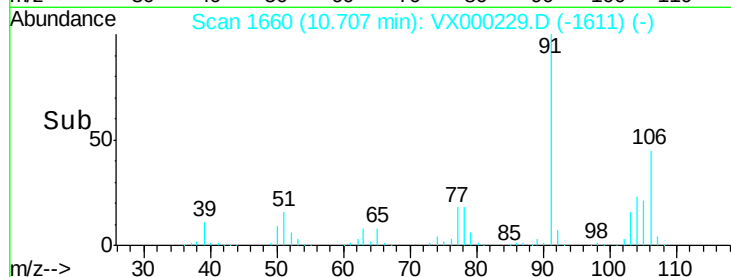
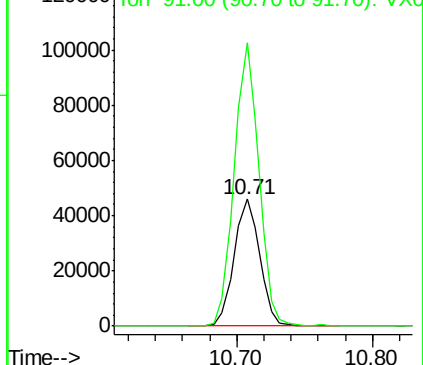
Tot Ion:106 Resp: 60048
Ion Ratio Lower Upper
106 100
91 216.2 105.9 317.7

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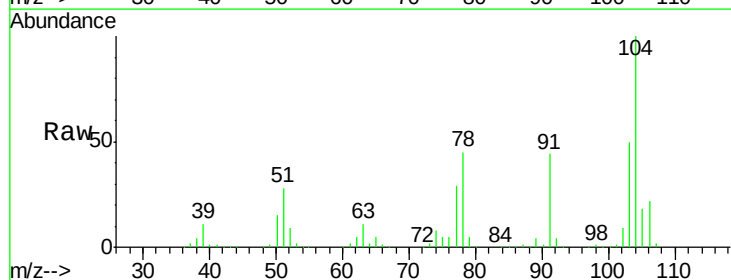


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

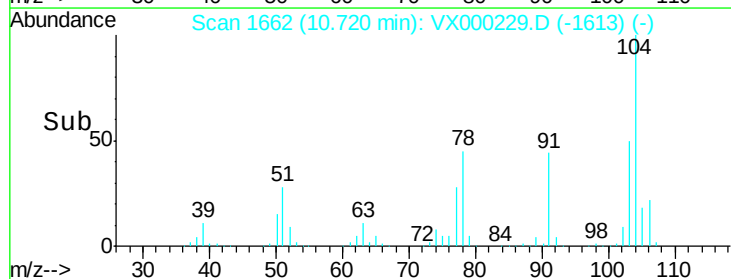
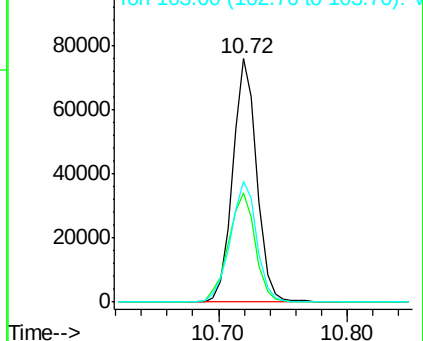


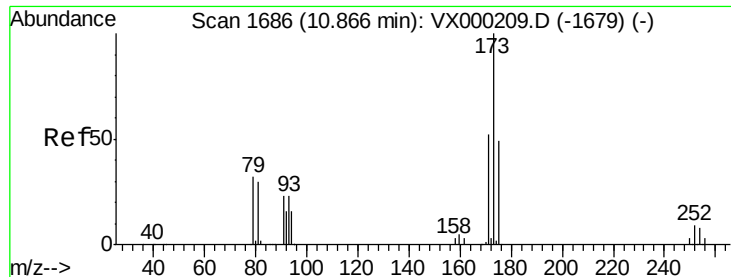
#70
Styrene
Concen: 20.54 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000229.D
Acq: 08 Mar 2018 19:19

Tgt Ion:104 Resp: 98957
Ion Ratio Lower Upper
104 100
78 50.5 39.6 59.4
103 54.8 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: 18.62 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000229.D

Acq: 08 Mar 2018 19:19

Instrument :

MSVOA_X

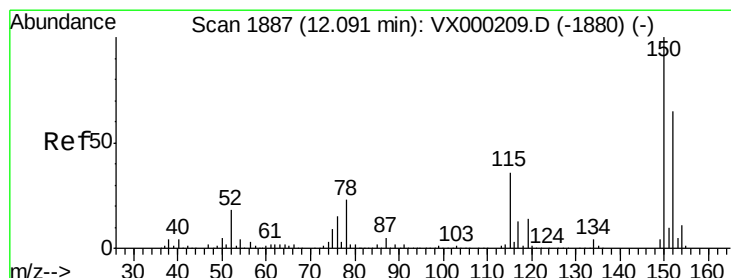
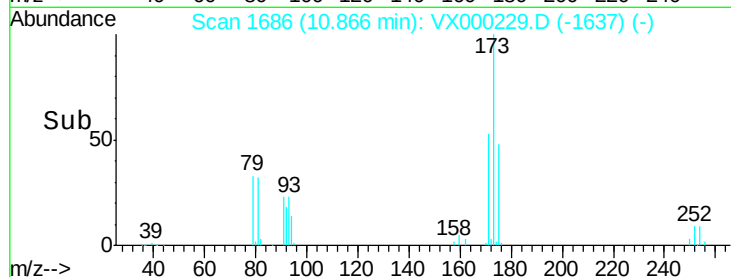
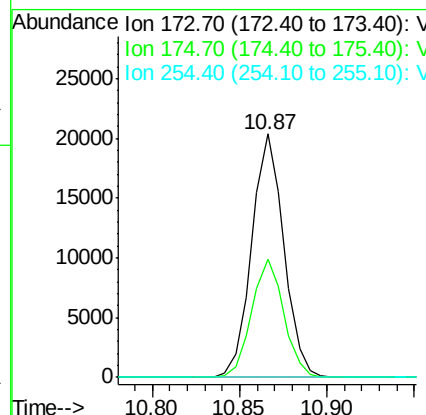
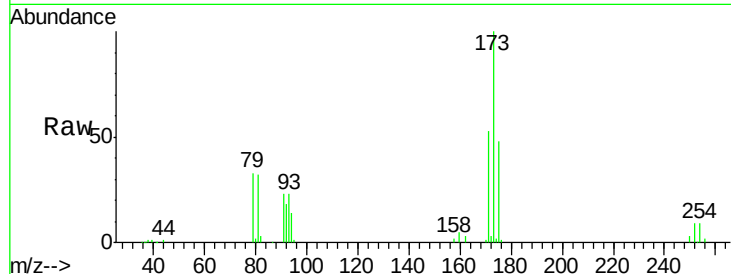
ClientSampled :

VX0308WBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.4	73.2
254	0.0	0.2	0.2#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

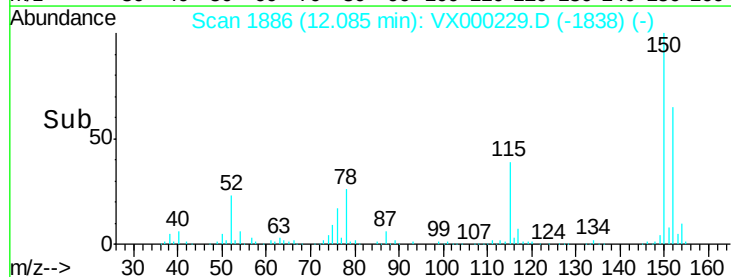
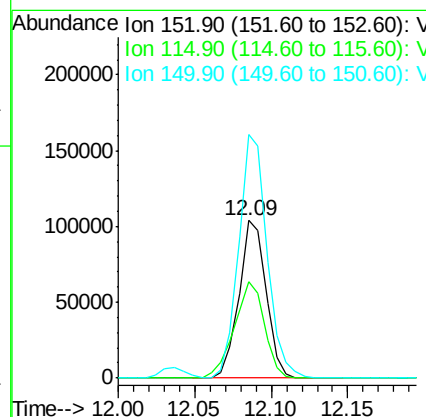
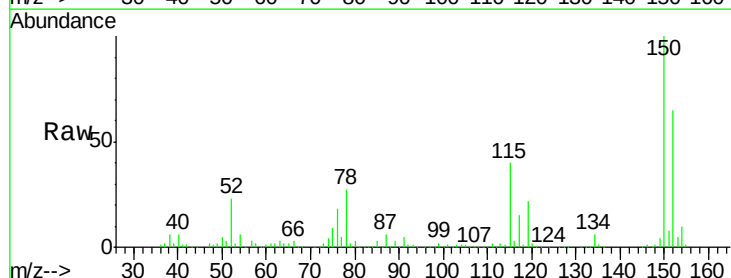
RT: 12.09 min Scan# 1886

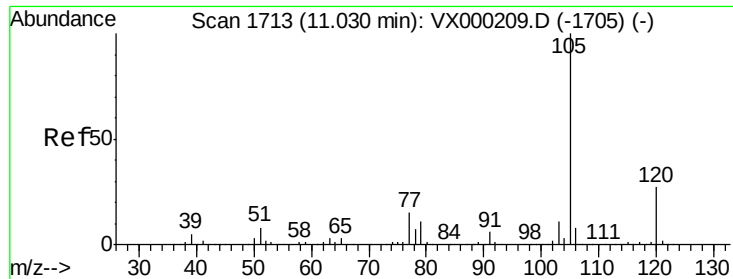
Delta R.T. -0.01 min

Lab File: VX000229.D

Acq: 08 Mar 2018 19:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	68.0	39.8	119.3
150	162.4	0.0	345.0





#73

Isopropylbenzene

Concen: 20.75 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000229.D

Acq: 08 Mar 2018 19:19

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBS02

Tot Ion: 105 Resp: 165149

Ion Ratio Lower Upper

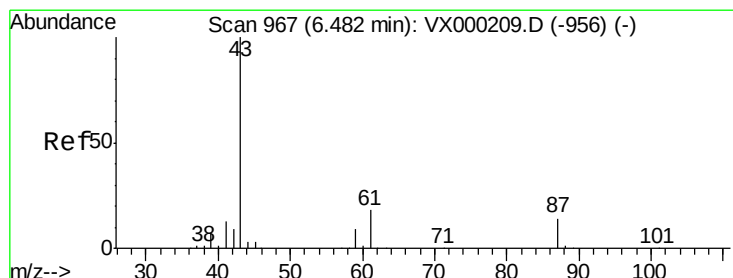
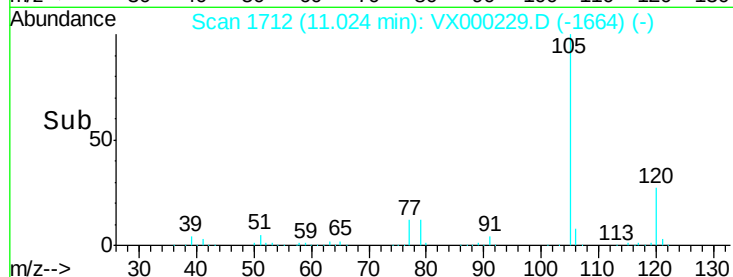
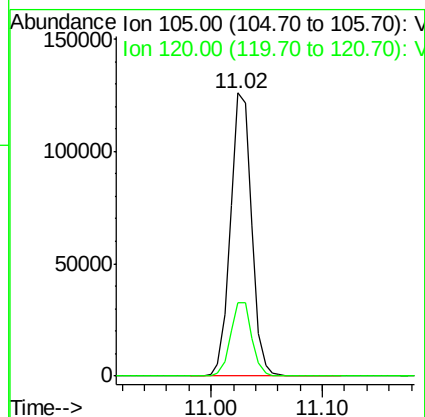
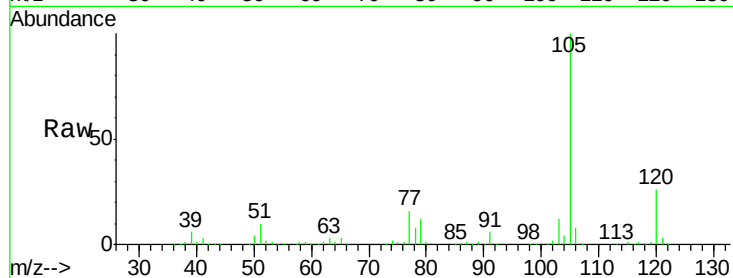
105 100

120 26.3 13.5 40.4

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#74

N-ethyl acetate

Concen: 20.97 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.00 min

Lab File: VX000229.D

Acq: 08 Mar 2018 19:19

Tgt Ion: 43 Resp: 85395

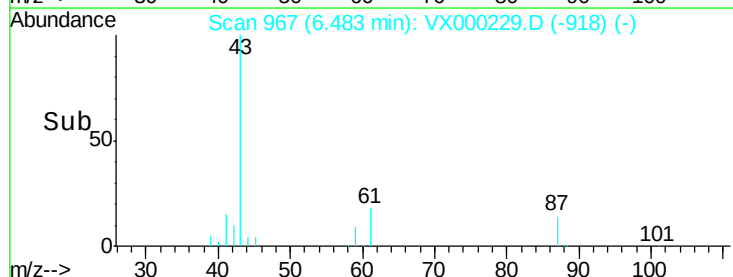
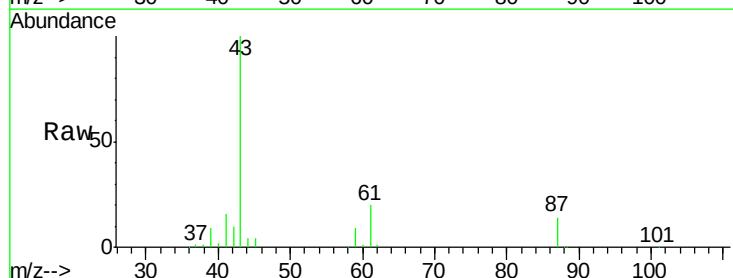
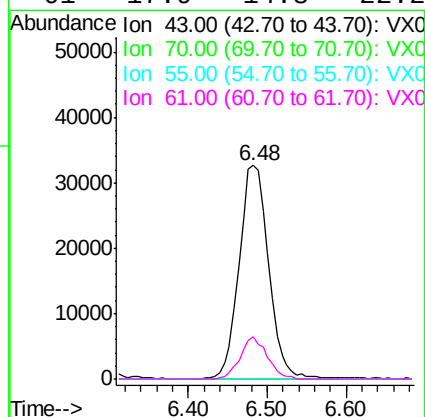
Ion Ratio Lower Upper

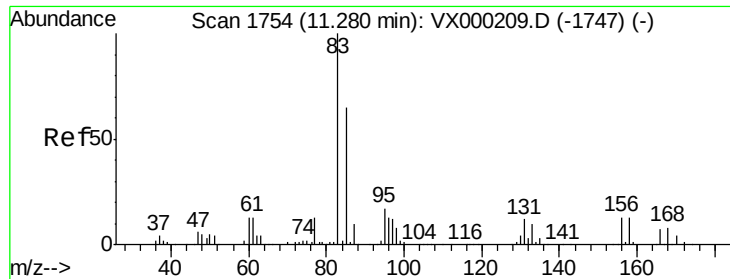
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 17.9 14.8 22.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.67 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000229.D

Acq: 08 Mar 2018 19:19

Instrument :

MSVOA_X

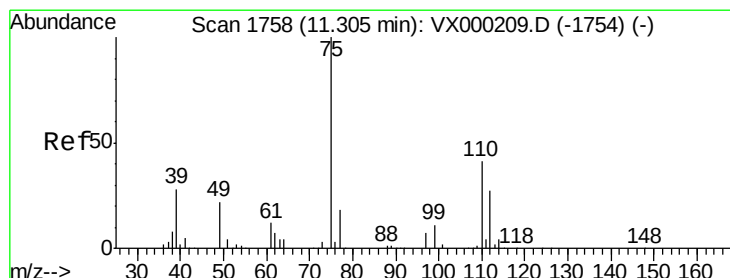
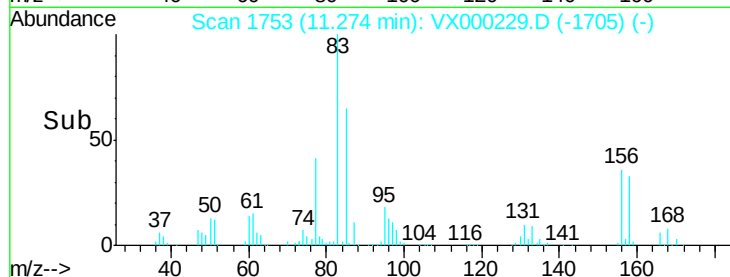
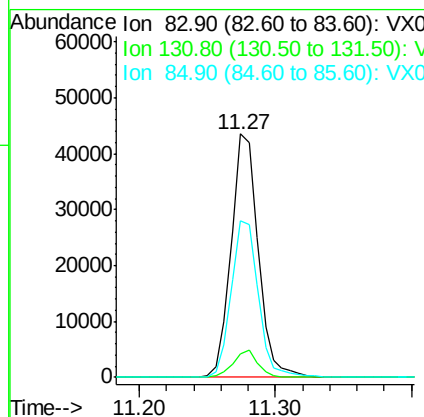
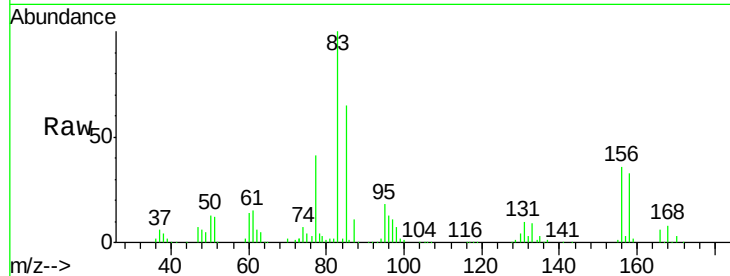
ClientSampled :

VX0308WBS02

Tot Ion:	83	Resp:	60468
Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.5	16.5
85	64.7	32.5	97.4

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#76

1,2,3-Trichloropropane

Concen: 21.31 ug/l m

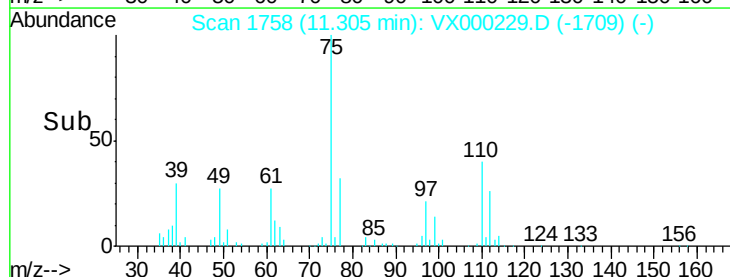
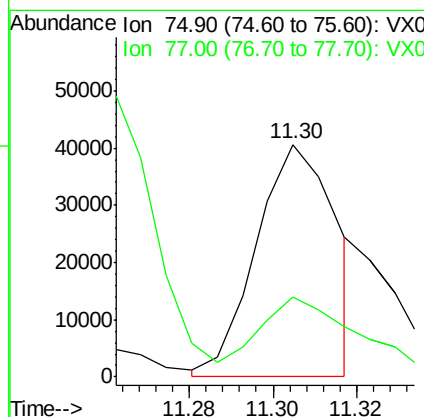
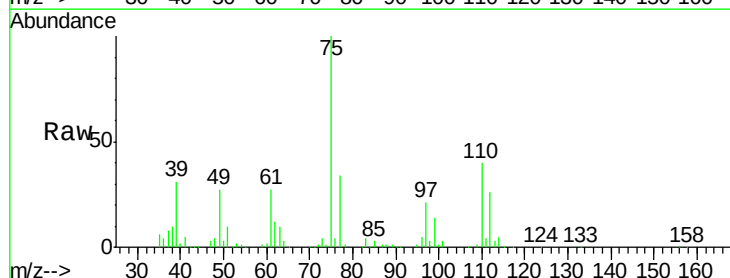
RT: 11.30 min Scan# 1758

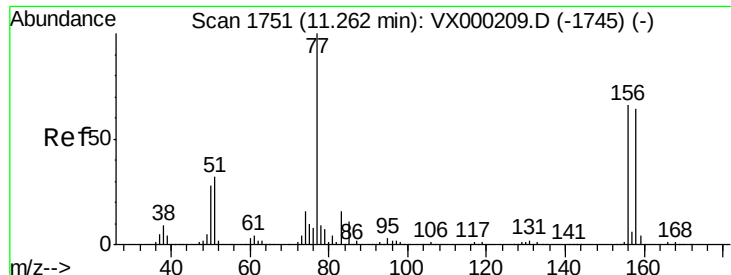
Delta R.T. 0.00 min

Lab File: VX000229.D

Acq: 08 Mar 2018 19:19

Tgt Ion:	75	Resp:	54290
Ion	Ratio	Lower	Upper
75	100		
77	43.2	22.3	66.8





#77

Bromobenzene

Concen: 20.17 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000229.D

Acq: 08 Mar 2018 19:19

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBS02

Tot Ion:156 Resp: 41505

Ion Ratio Lower Upper

156 100

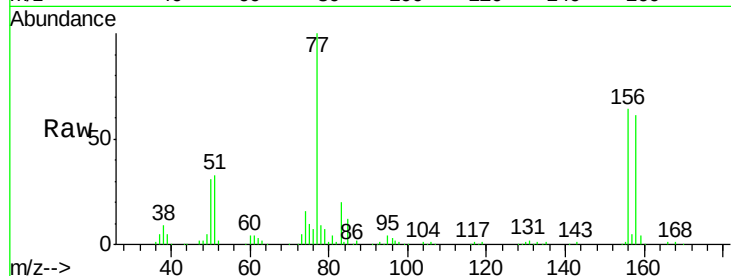
77 150.5 71.9 215.7

158 95.4 48.0 144.2

Manual Integrations
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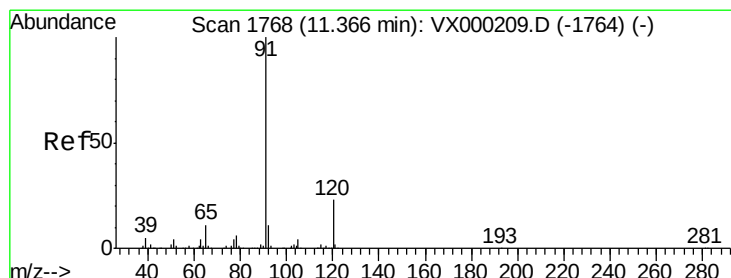
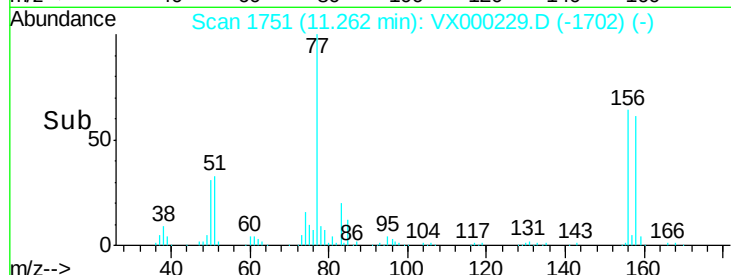
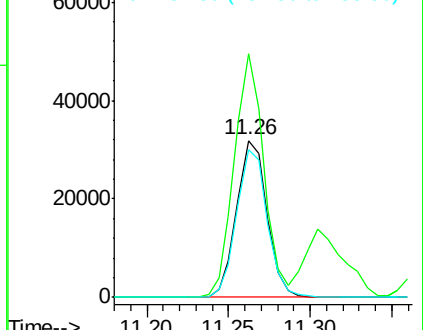
3/9/2018 9:38:33 AM



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: 20.71 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000229.D

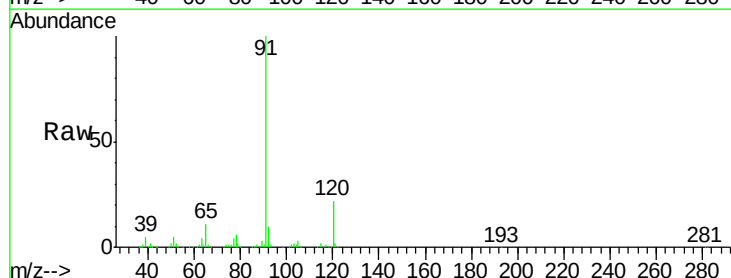
Acq: 08 Mar 2018 19:19

Tgt Ion: 91 Resp: 194003

Ion Ratio Lower Upper

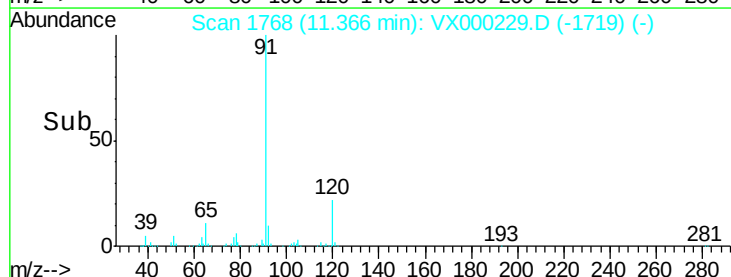
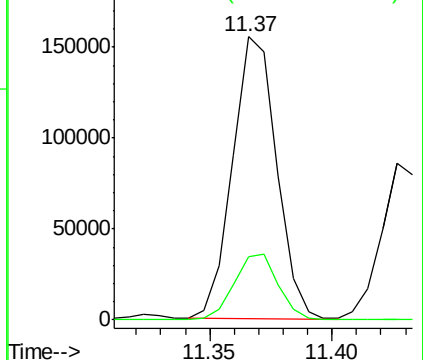
91 100

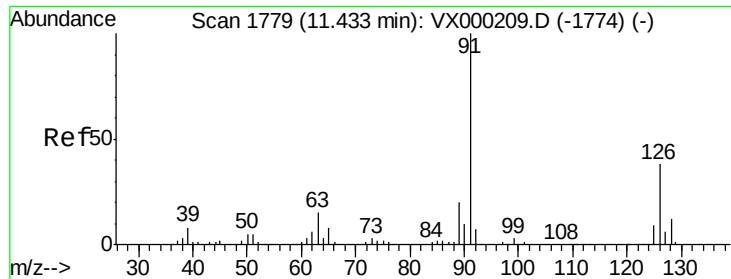
120 23.2 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.70 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX000229.D

Acq: 08 Mar 2018 19:19

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBS02

Tot Ion: 91 Resp: 109400

Ion Ratio Lower Upper

91 100

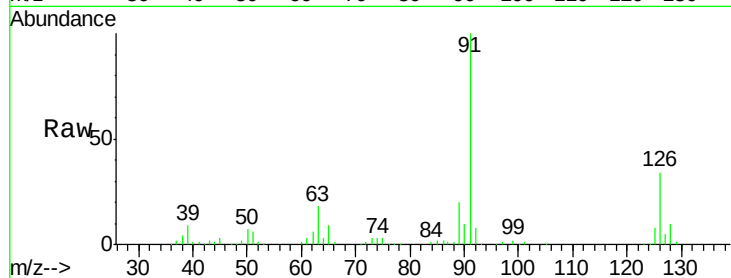
126 35.0 18.4 55.2

Manual Integrations

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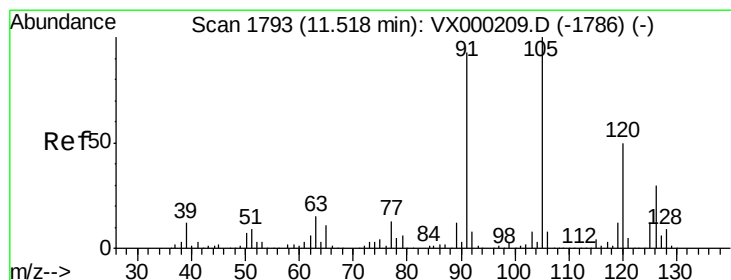
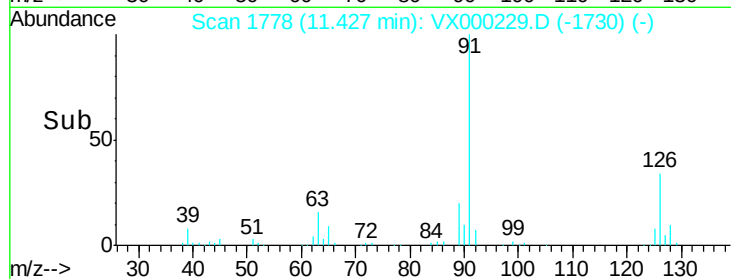
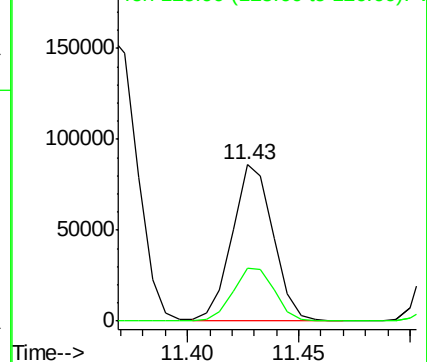
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.17 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX000229.D

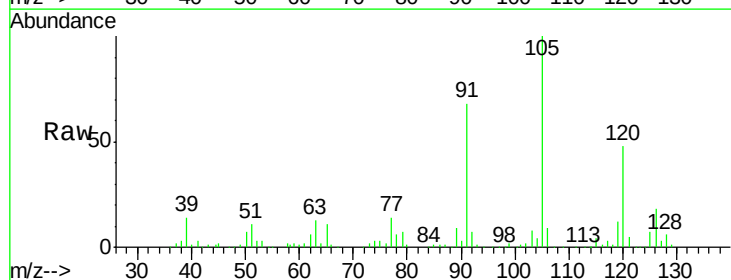
Acq: 08 Mar 2018 19:19

Tgt Ion: 105 Resp: 140654

Ion Ratio Lower Upper

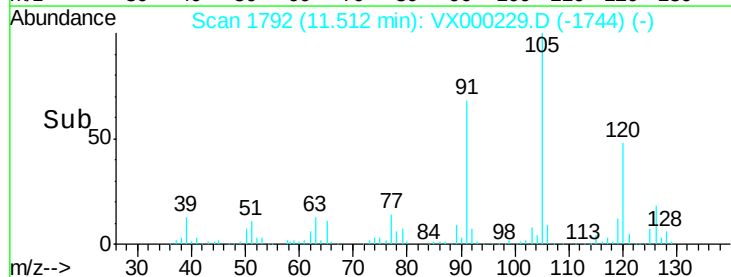
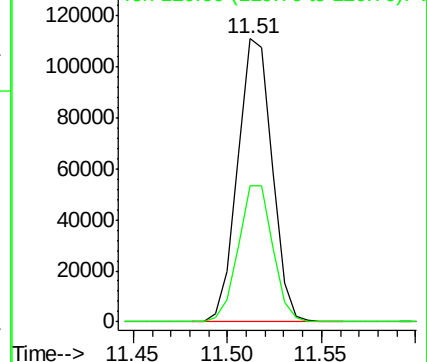
105 100

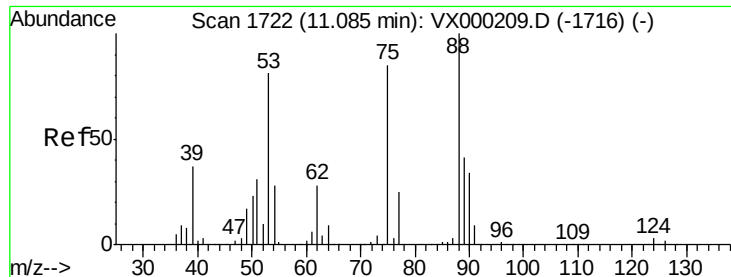
120 48.1 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.90 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. 0.00 min

Lab File: VX000229.D

Acq: 08 Mar 2018 19:19

Instrument :

MSVOA_X

ClientSampled :

VX0308WBS02

Tot Ion: 75 Resp: 14893

Ion Ratio Lower Upper

75 100

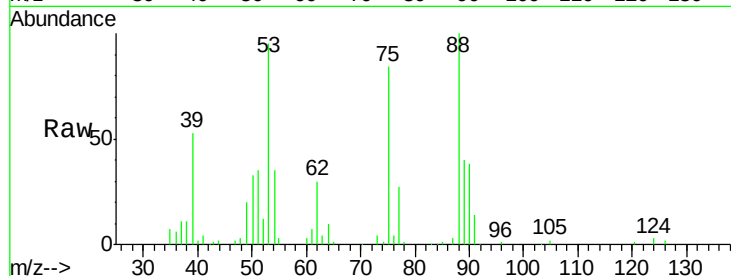
53 116.0 78.6 118.0

89 49.4 38.8 58.2

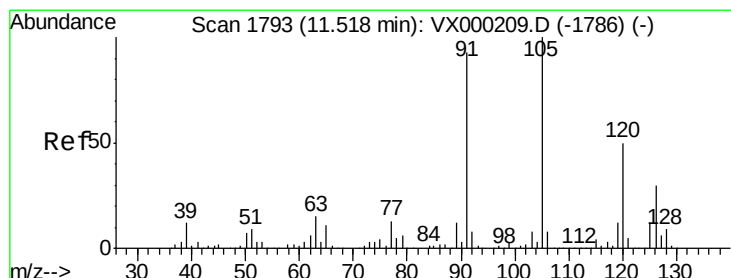
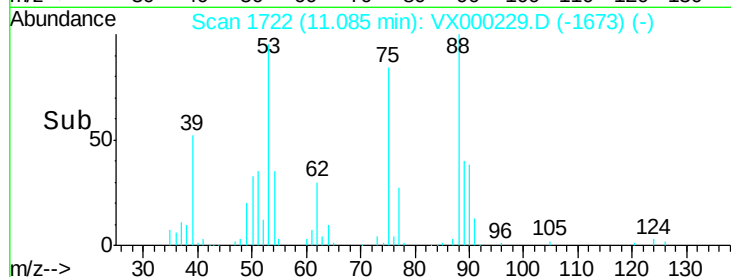
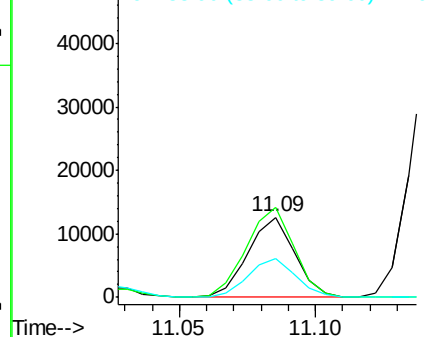
Manual Integrations
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Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.94 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000229.D

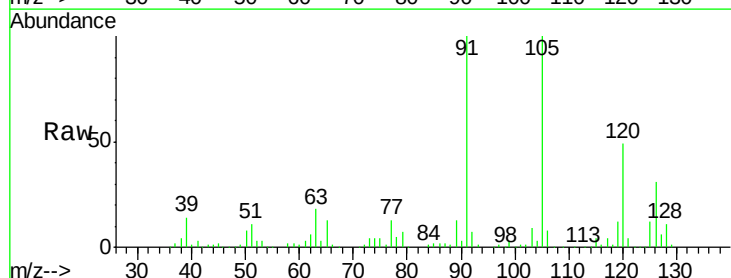
Acq: 08 Mar 2018 19:19

Tgt Ion: 91 Resp: 134531

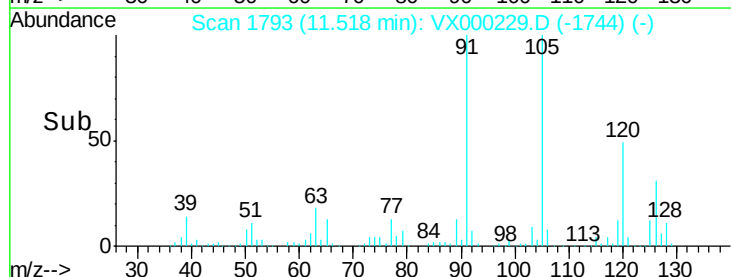
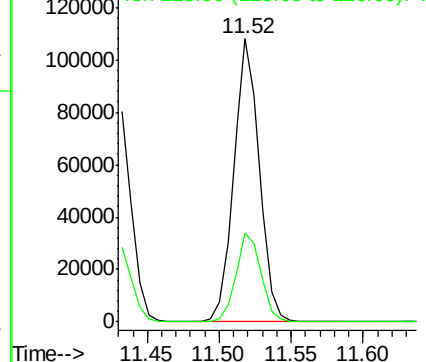
Ion Ratio Lower Upper

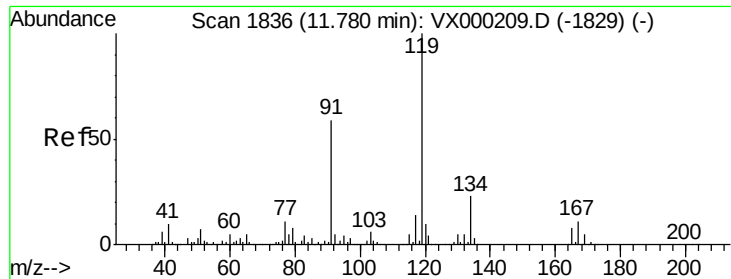
91 100

126 30.8 16.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 21.32 ug/l

RT: 11.78 min Scan# 1836

Delta R.T. 0.00 min

Lab File: VX000229.D

Acq: 08 Mar 2018 19:19

Instrument :

MSVOA_X

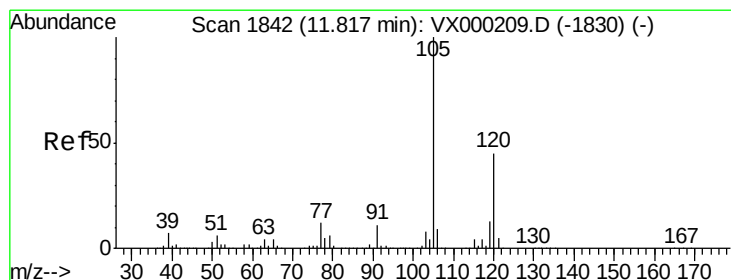
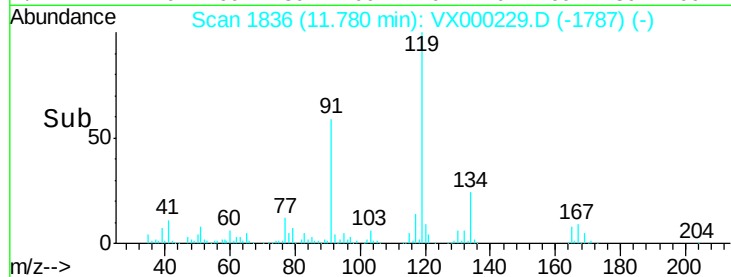
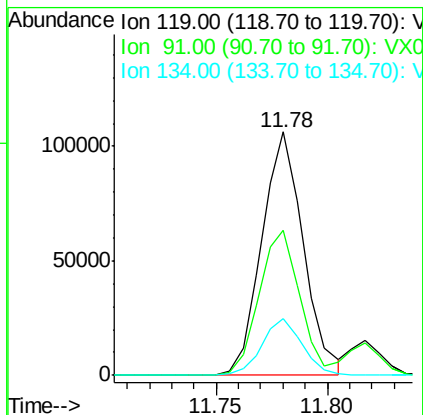
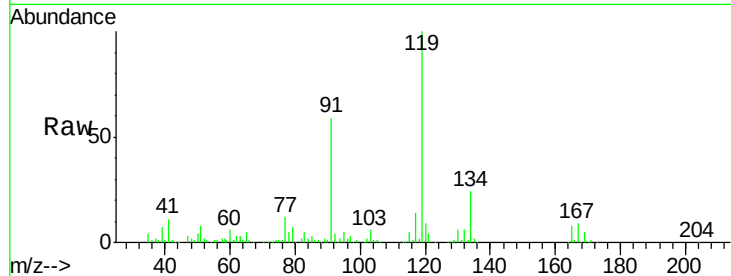
ClientSampled :

VX0308WBS02

Tot Ion:	119	Resp:	137875
Ion Ratio	Lower	Upper	
119	100		
91	57.8	28.9	86.7
134	22.6	11.5	34.4

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 21.39 ug/l

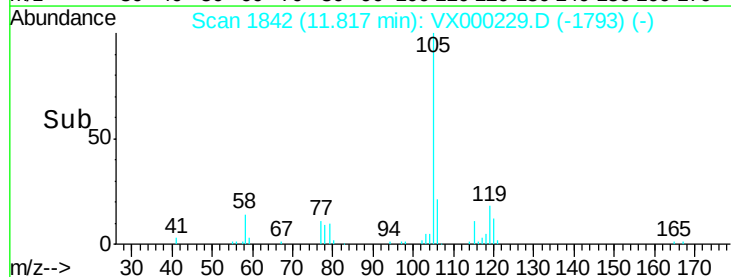
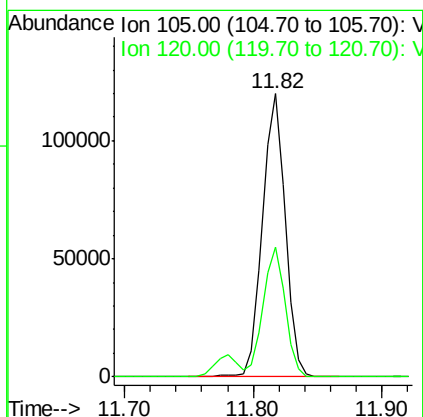
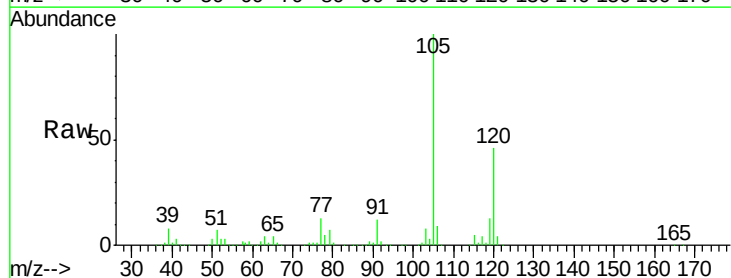
RT: 11.82 min Scan# 1842

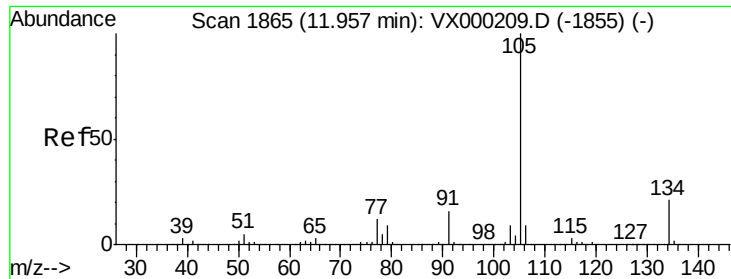
Delta R.T. 0.00 min

Lab File: VX000229.D

Acq: 08 Mar 2018 19:19

Tgt Ion:	105	Resp:	146148
Ion Ratio	Lower	Upper	
105	100		
120	44.7	23.0	69.0





#85

sec-Butylbenzene

Concen: 21.06 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VX000229.D

Acq: 08 Mar 2018 19:19

Instrument :

MSVOA_X

ClientSampled :

VX0308WBS02

Tot Ion:105 Resp: 172202

Ion Ratio Lower Upper

105 100

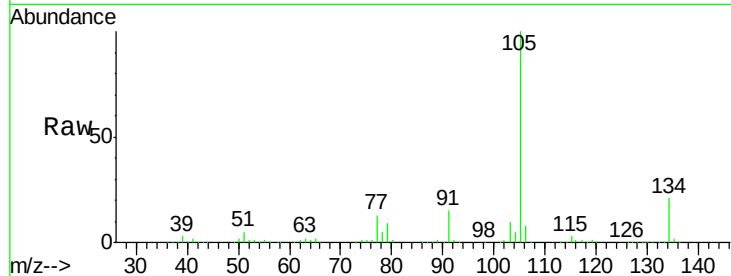
134 20.3 10.3 30.9

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.96

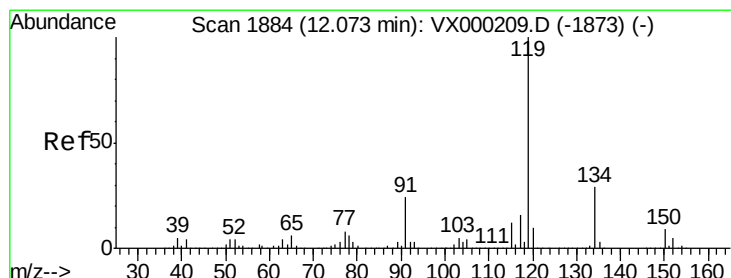
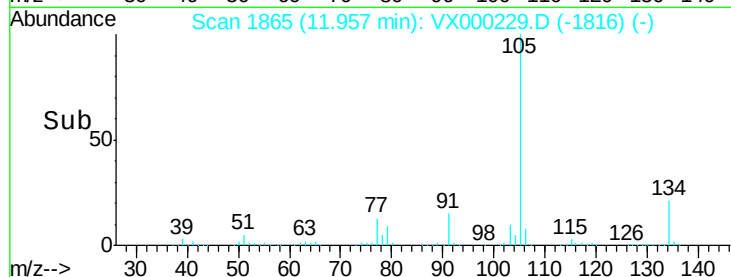
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.97 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000229.D

Acq: 08 Mar 2018 19:19

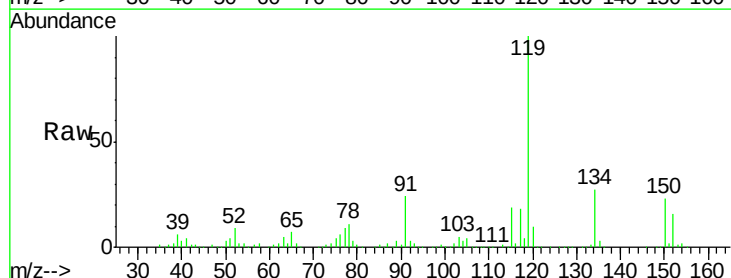
Tgt Ion:119 Resp: 151216

Ion Ratio Lower Upper

119 100

134 26.3 13.8 41.3

91 24.7 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.07

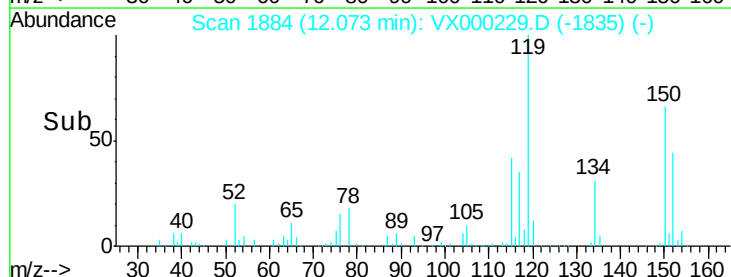
150000

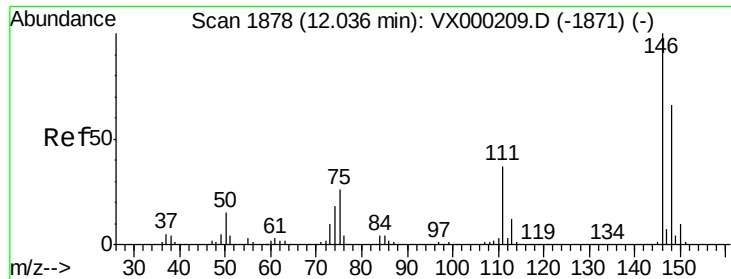
100000

50000

0

Time-->





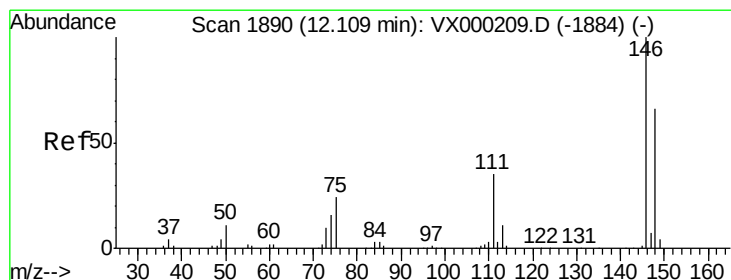
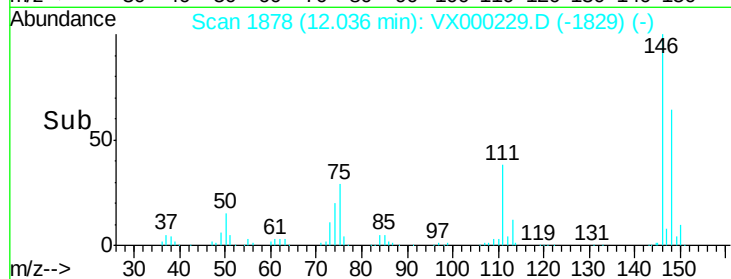
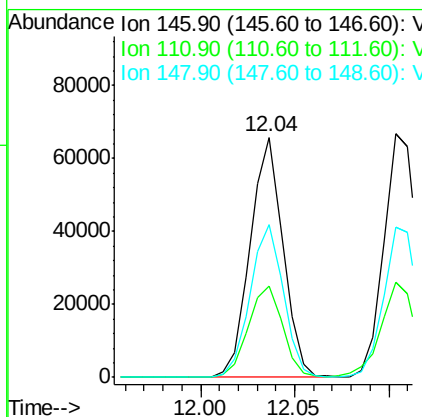
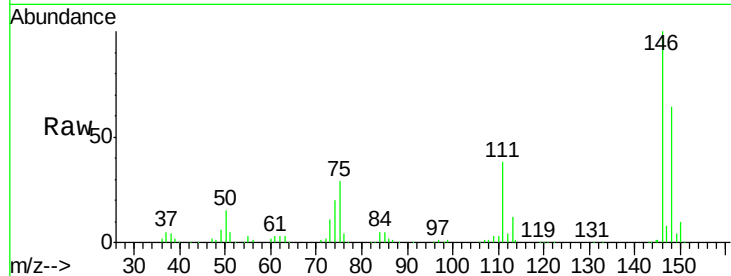
#87
 1,3-Dichlorobenzene
 Concen: 20.37 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000229.D
 Acq: 08 Mar 2018 19:19

Instrument :
 MSVOA_X
 ClientSampled :
 VX0308WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.0	57.0
148	64.3	32.1	96.3

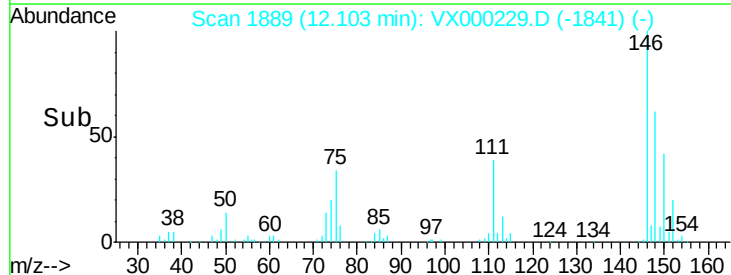
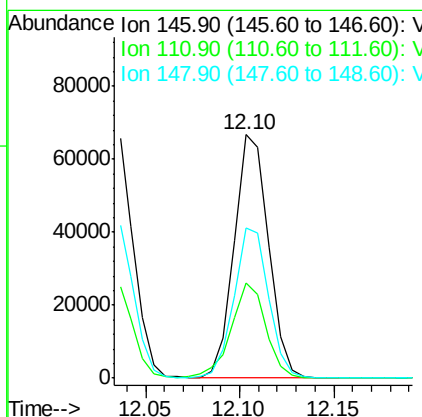
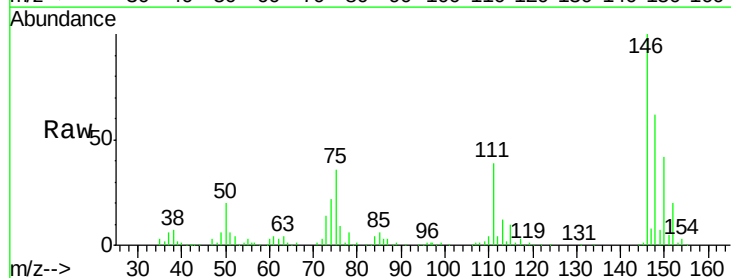
Manual Integrations
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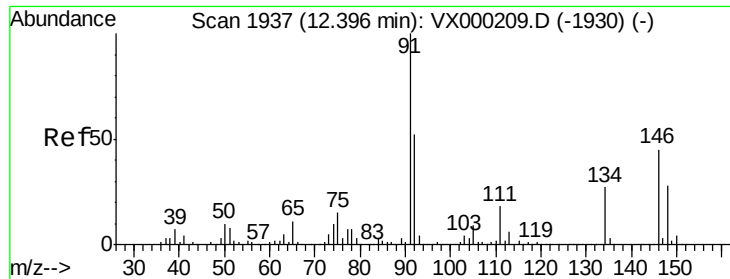
apatel
 3/9/2018 9:38:33 AM



#88
 1,4-Dichlorobenzene
 Concen: 20.56 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000229.D
 Acq: 08 Mar 2018 19:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	18.9	56.9
148	62.6	32.6	97.8





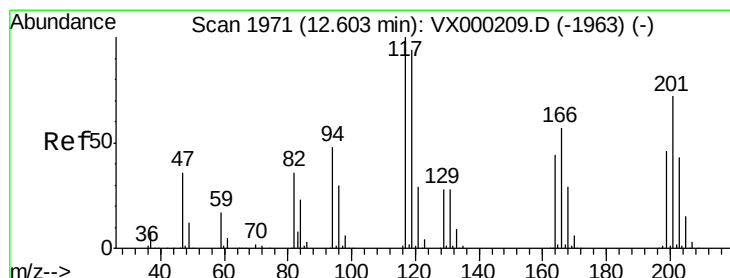
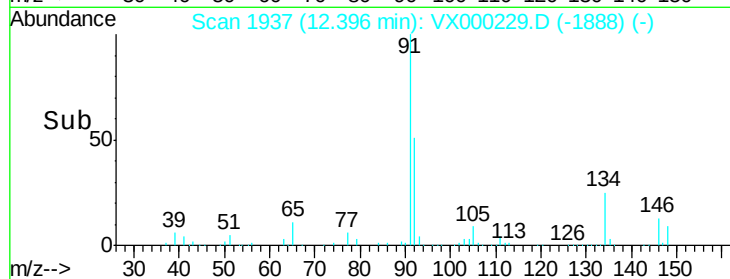
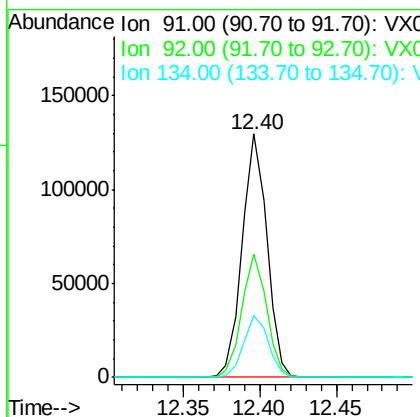
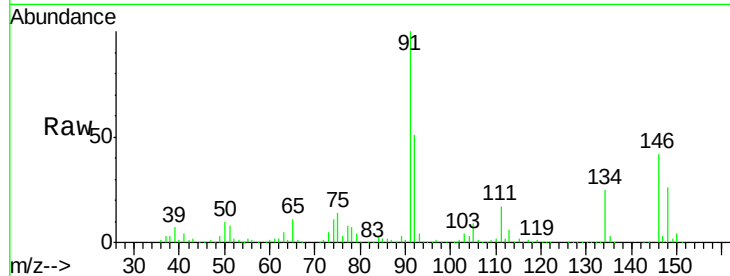
#89
n-Butylbenzene
Concen: 20.96 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000229.D
Acq: 08 Mar 2018 19:19

Instrument :
MSVOA_X
ClientSampled :
VX0308WBS02

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

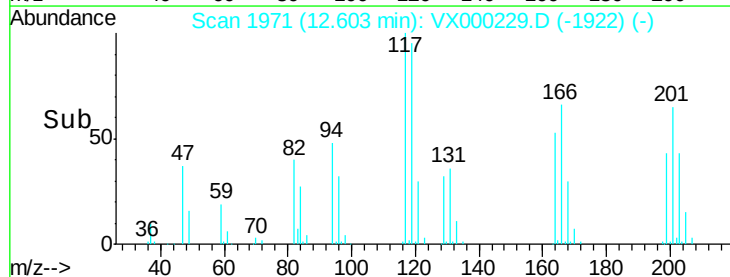
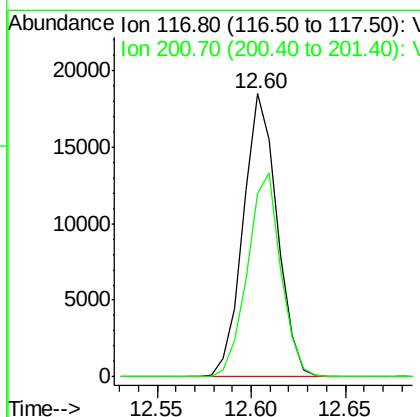
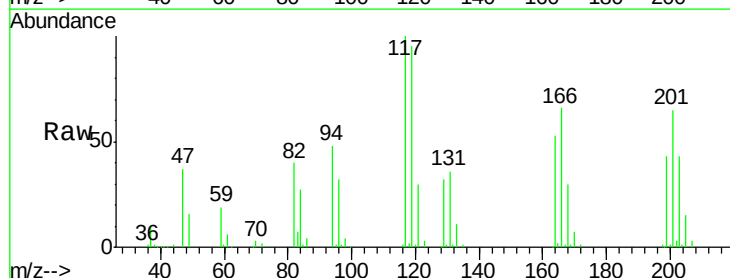
Manual Integrations
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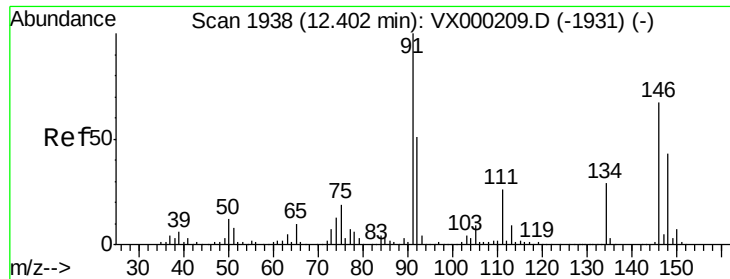
apatel
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#90
Hexachloroethane
Concen: 19.83 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000229.D
Acq: 08 Mar 2018 19:19

Tgt Ion	Ratio	Lower	Upper
117	100		
201	71.2	38.2	114.6





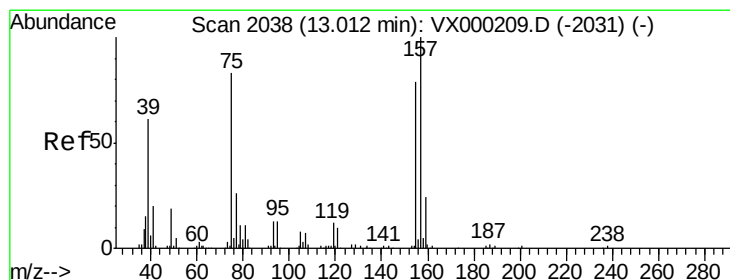
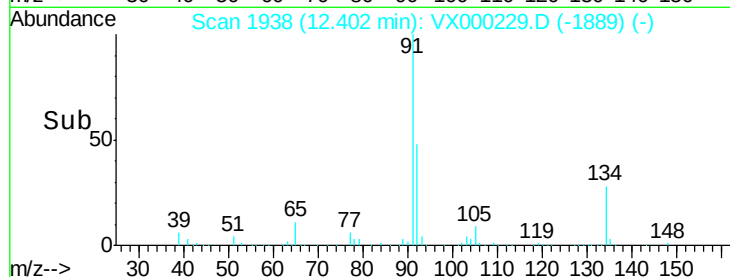
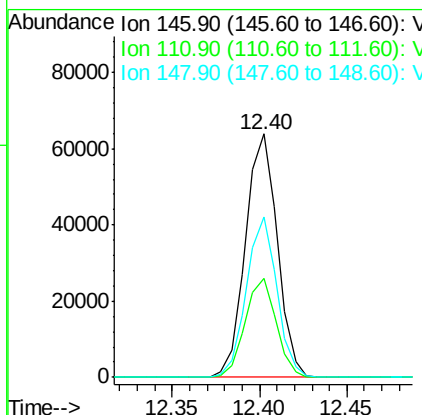
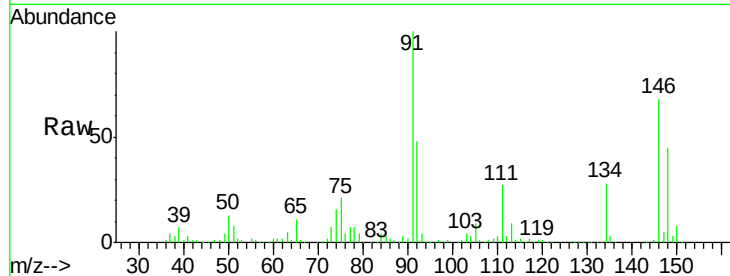
#91
 1,2-Dichlorobenzene
 Concen: 20.90 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000229.D
 Acq: 08 Mar 2018 19:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.7	59.0
148	63.1	32.0	96.0

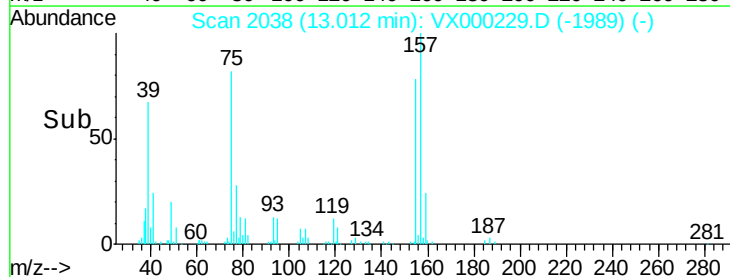
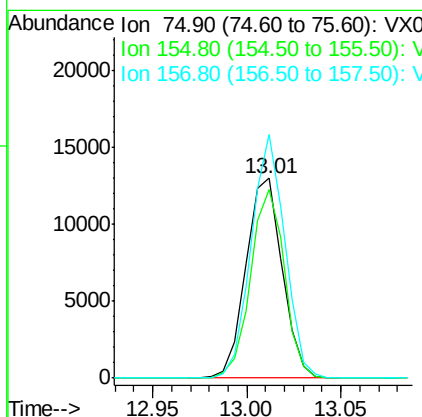
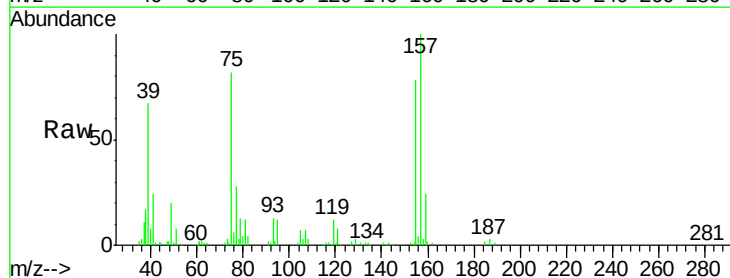
Manual Integrations
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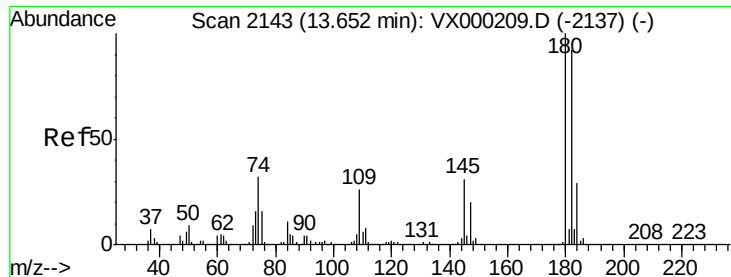
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.15 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. 0.00 min
 Lab File: VX000229.D
 Acq: 08 Mar 2018 19:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.9	45.5	136.5
157	113.1	58.6	175.8





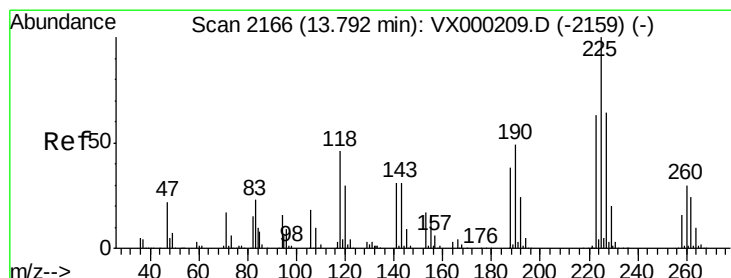
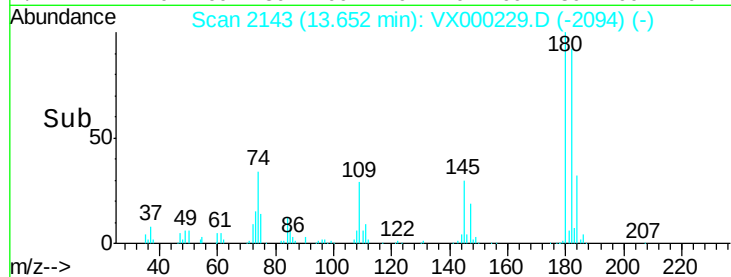
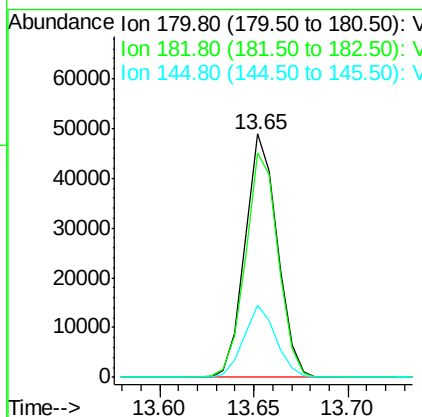
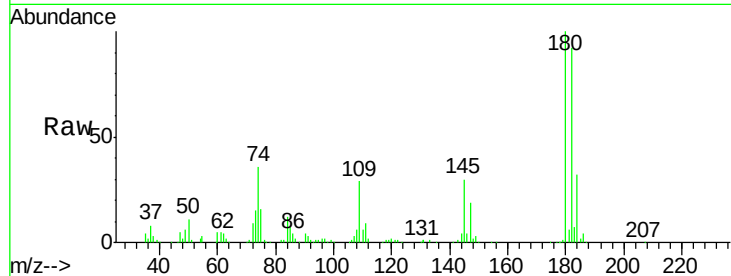
#93
1,2,4-Trichlorobenzene
Concen: 20.64 ug/l
RT: 13.65 min Scan# 2143
Delta R.T. 0.00 min
Lab File: VX000229.D
Acq: 08 Mar 2018 19:19

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	92.8	47.0	141.0	
145	29.4	15.3	45.9	

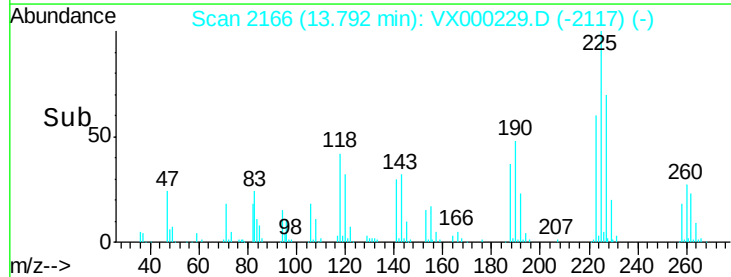
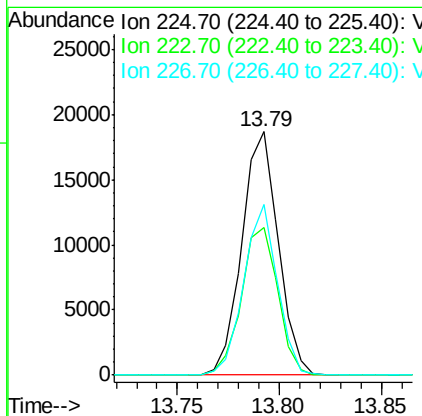
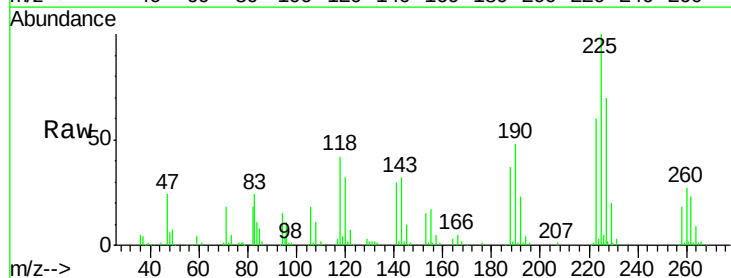
Manual Integrations
APPROVED

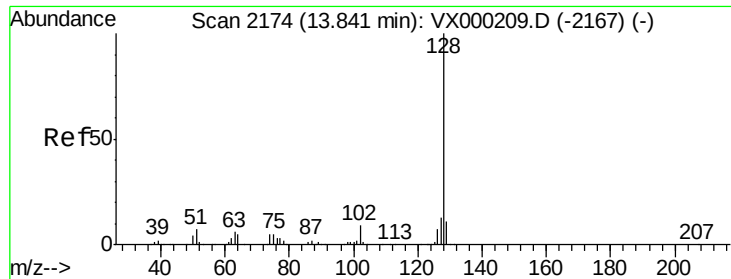
apatel
3/9/2018 9:38:33 AM



#94
Hexachlorobutadiene
Concen: 19.75 ug/l
RT: 13.79 min Scan# 2166
Delta R.T. 0.00 min
Lab File: VX000229.D
Acq: 08 Mar 2018 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	60.5	31.8	95.3	
227	64.8	31.9	95.5	





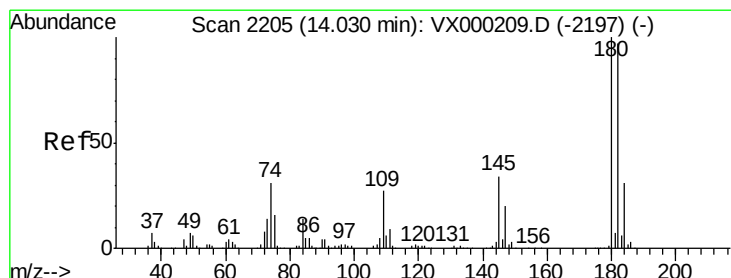
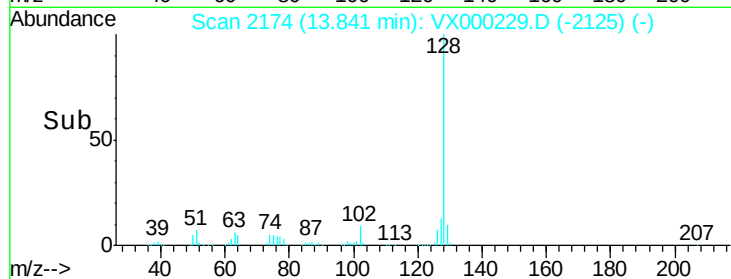
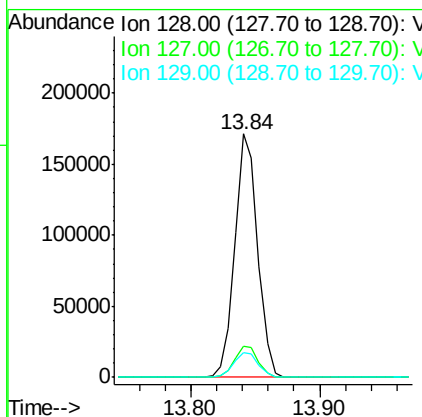
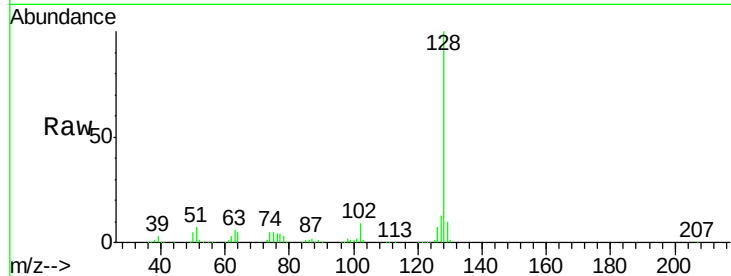
#95
Naphthalene
Concen: 21.46 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000229.D
Acq: 08 Mar 2018 19:19

Instrument :
MSVOA_X
ClientSampled :
VX0308WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	10.9	8.6	13.0

Manual Integrations
APPROVED

apatel
3/9/2018 9:38:33 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.59 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VX000229.D
Acq: 08 Mar 2018 19:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	48.0	144.0
145	30.8	16.3	48.8

