

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030818\
 Data File : VX000230.D
 Acq On : 08 Mar 2018 19:45
 Operator : JC/MD
 Sample : VX0308WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBSD02

Manual Integrations
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 3/9/2018 9:38:36 AM

Quant Time: Mar 09 04:34:04 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	133857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	223124	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	227204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	130194	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	86850	46.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.62%	
35) Dibromofluoromethane	5.51	113	67189	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
50) Toluene-d8	8.73	98	272056	46.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.74%	
62) 4-Bromofluorobenzene	11.15	95	102984	45.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	26553	18.20	ug/l	96
3) Chloromethane	1.32	50	28675	20.14	ug/l	99
4) Vinyl Chloride	1.40	62	33606	20.25	ug/l	97
5) Bromomethane	1.64	94	27813	15.37	ug/l	95
6) Chloroethane	1.73	64	21811	20.80	ug/l	95
7) Trichlorofluoromethane	1.93	101	56813	20.64	ug/l	95
8) Diethyl Ether	2.20	74	20539	20.33	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	29794	19.38	ug/l	99
10) Methyl Iodide	2.52	142	25261	17.81	ug/l	99
11) Tert butyl alcohol	3.08	59	71011	104.15	ug/l	100
12) 1,1-Dichloroethene	2.38	96	29361	20.80	ug/l	98
13) Acrolein	2.30	56	41423	115.56	ug/l	96
14) Allyl chloride	2.73	41	52929	20.30	ug/l	98
15) Acrylonitrile	3.16	53	125003	105.35	ug/l	100
16) Acetone	2.45	43	138085	103.62	ug/l	98
17) Carbon Disulfide	2.57	76	74648	19.30	ug/l	98
18) Methyl Acetate	2.79	43	60652	21.37	ug/l	98
19) Methyl tert-butyl Ether	3.22	73	103720	20.63	ug/l	95
20) Methylene Chloride	2.86	84	32165	20.24	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	30989	19.96	ug/l	99
22) Diisopropyl ether	3.89	45	76963	17.18	ug/l	95
23) Vinyl Acetate	3.84	43	372594	86.32	ug/l	100
24) 1,1-Dichloroethane	3.70	63	53887	19.63	ug/l	98
25) 2-Butanone	4.72	43	164876	100.26	ug/l	99
26) 2,2-Dichloropropane	4.60	77	38517	19.19	ug/l	100
27) cis-1,2-Dichloroethene	4.61	96	27908	18.96	ug/l	100
28) Bromochloromethane	5.03	49	26253	22.50	ug/l	96
29) Tetrahydrofuran	5.18	42	104842	101.50	ug/l	98
30) Chloroform	5.23	83	50838	19.15	ug/l	97
31) Cyclohexane	5.59	56	39375	19.39	ug/l	94
32) 1,1,1-Trichloroethane	5.51	97	45026	19.56	ug/l	99
36) 1,1-Dichloropropene	5.81	75	37966	19.12	ug/l	99
37) Ethyl Acetate	4.88	43	55402	19.31	ug/l	99
38) Carbon Tetrachloride	5.79	117	38298	19.06	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	42754	17.55	ug/l	93
40) Benzene	6.15	78	109824	19.18	ug/l	98
41) Methacrylonitrile	5.07	41	27881	19.06	ug/l	98
42) 1,2-Dichloroethane	6.21	62	44924	20.00	ug/l	99
43) Isopropyl Acetate	6.48	43	79601	19.19	ug/l	100
44) Trichloroethene	7.23	130	31347	19.13	ug/l	100
45) 1,2-Dichloropropane	7.53	63	28825	19.88	ug/l	97
46) Dibromomethane	7.68	93	21510	18.75	ug/l	97
47) Bromodichloromethane	7.91	83	39934	19.79	ug/l	99
48) Methyl methacrylate	7.79	41	38661	18.92	ug/l	97
49) 1,4-Dioxane	7.77	88	18229	393.00	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	313401	100.10	ug/l	98
52) Toluene	8.79	92	74591	19.01	ug/l	95
53) t-1,3-Dichloropropene	8.45	75	46266	19.45	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	44455	19.32	ug/l	95
55) 1,1,2-Trichloroethane	9.23	97	31587	19.87	ug/l	96
56) Ethyl methacrylate	9.20	69	48773	20.50	ug/l	98
57) 1,3-Dichloropropane	9.38	76	52859	19.80	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	121110	100.84	ug/l	98
59) 2-Hexanone	9.51	43	265582	99.48	ug/l	99
60) Dibromochloromethane	9.59	129	31372	18.72	ug/l	98
61) 1,2-Dibromoethane	9.68	107	34118	19.33	ug/l	99
64) Tetrachloroethene	9.34	164	29252	18.40	ug/l	96
65) Chlorobenzene	10.15	112	89376	19.48	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	30978	19.75	ug/l	98
67) Ethyl Benzene	10.26	91	153572	19.18	ug/l	100
68) m/p-Xylenes	10.37	106	119613	38.81	ug/l	99
69) o-Xylene	10.71	106	56806	19.18	ug/l	97
70) Styrene	10.72	104	94638	19.26	ug/l	99
71) Bromoform	10.87	173	25001	17.76	ug/l #	98
73) Isopropylbenzene	11.02	105	157814	19.36	ug/l	98
74) N-amyl acetate	6.48	43	79601	19.09	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	56437	19.75	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	51657m	19.79	ug/l	
77) Bromobenzene	11.26	156	39512	18.75	ug/l	96
78) n-propylbenzene	11.37	91	182967	19.07	ug/l	98
79) 2-Chlorotoluene	11.43	91	105241	19.45	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	133067	19.55	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	14500	17.01	ug/l	93
82) 4-Chlorotoluene	11.52	91	127124	19.32	ug/l	99
83) tert-Butylbenzene	11.78	119	131571	19.87	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	137105	19.59	ug/l	99
85) sec-Butylbenzene	11.96	105	165695	19.78	ug/l	98
86) p-Isopropyltoluene	12.07	119	145939	19.76	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	76343	19.05	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	79693	18.98	ug/l	98
89) n-Butylbenzene	12.40	91	137549	19.34	ug/l	98
90) Hexachloroethane	12.60	117	21629	18.17	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	75333	18.99	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16136	20.11	ug/l	92

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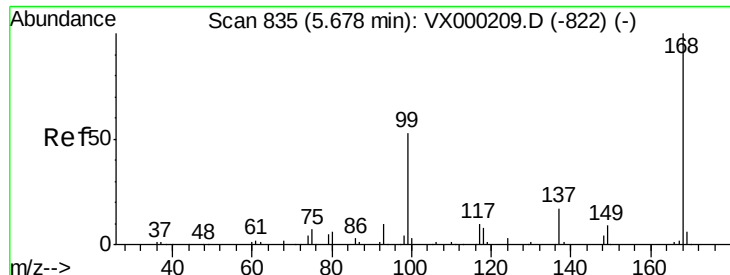
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.66	180	54294	18.81	ug/l	99
94) Hexachlorobutadiene	13.79	225	21111	17.58	ug/l	98
95) Naphthalene	13.84	128	199546	19.82	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	53388	18.70	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: VX000230.D

Acq: 08 Mar 2018 19:45

Tot Ion: 168 Resp: 133857

Ion Ratio Lower Upper

168 100

99 55.6 42.8 64.2

Instrument :

MSVOA_X

ClientSampled :

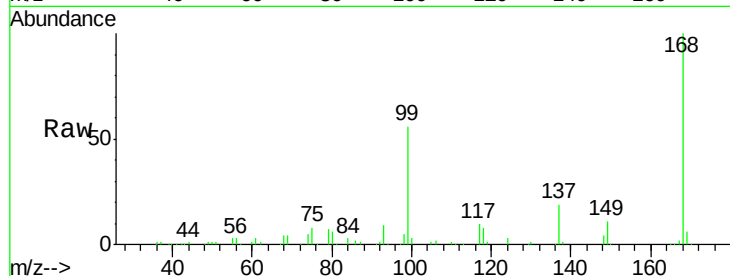
VX0308WBSD02

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

50000

40000

30000

20000

10000

0

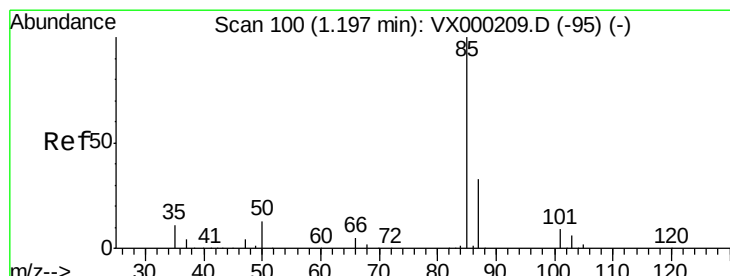
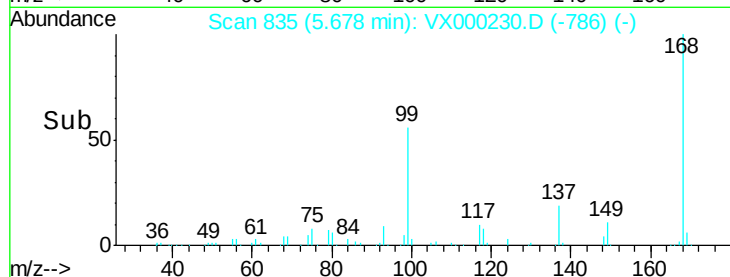
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.20 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000230.D

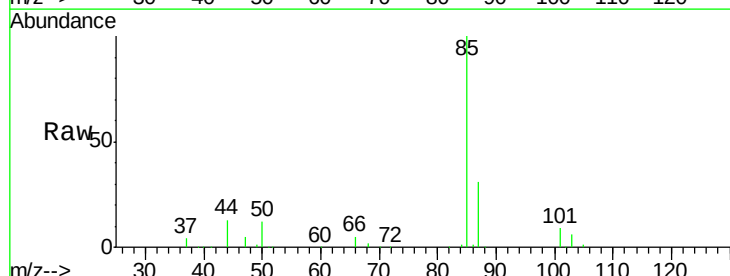
Acq: 08 Mar 2018 19:45

Tgt Ion: 85 Resp: 26553

Ion Ratio Lower Upper

85 100

87 31.2 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

30000

20000

10000

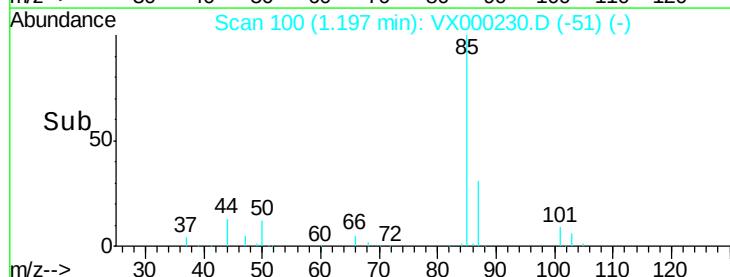
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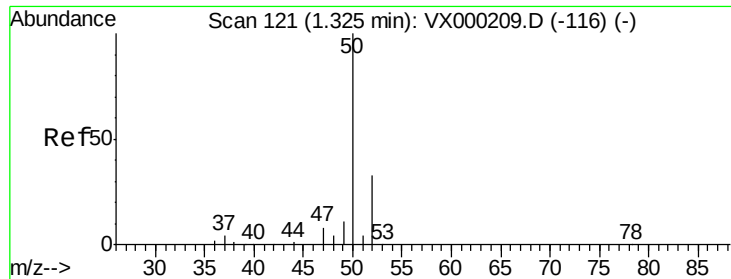
1.15

1.20

1.25

Time-->





#3

Chloromethane

Concen: 20.14 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

Instrument :

MSVOA_X

ClientSampled :

VX0308WBSD02

Tot Ion: 50 Resp: 28675

Ion Ratio Lower Upper

50 100

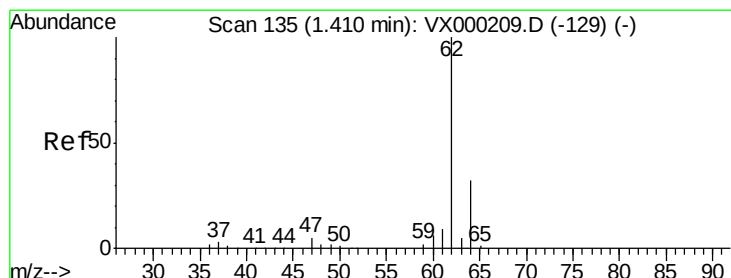
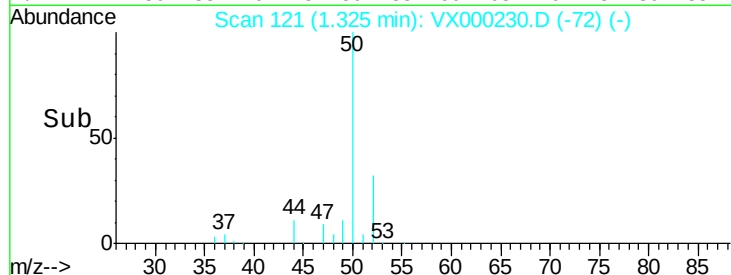
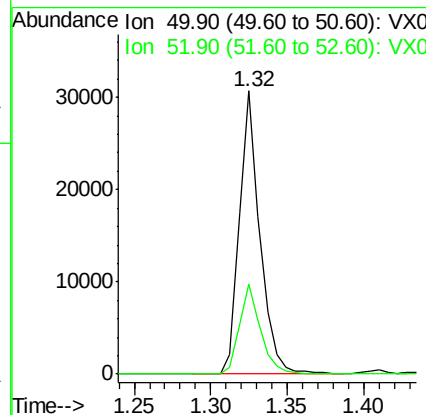
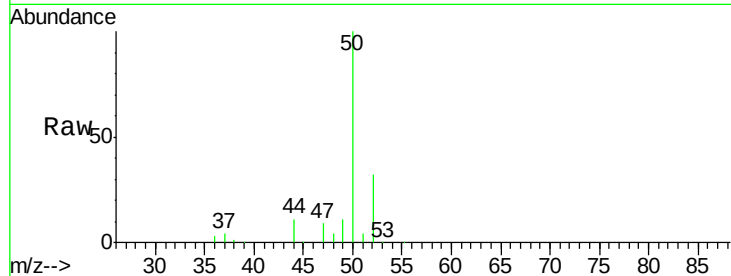
52 32.1 26.2 39.2

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#4

Vinyl Chloride

Concen: 20.25 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000230.D

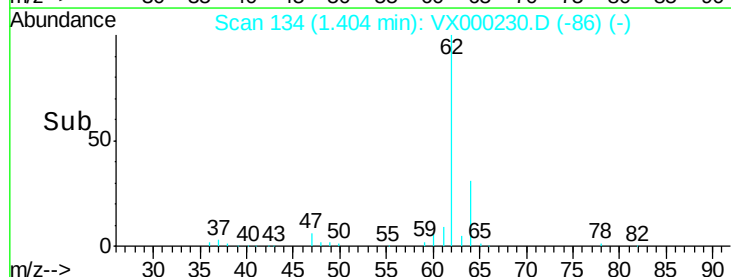
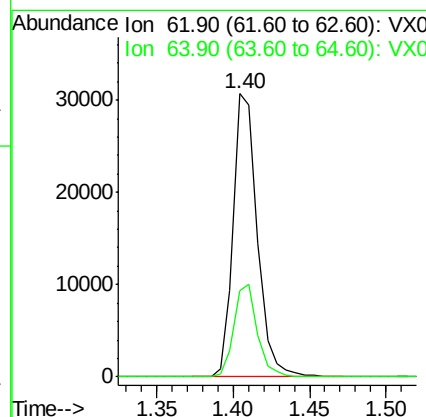
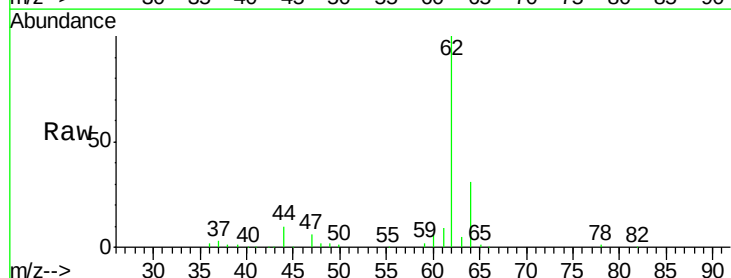
Acq: 08 Mar 2018 19:45

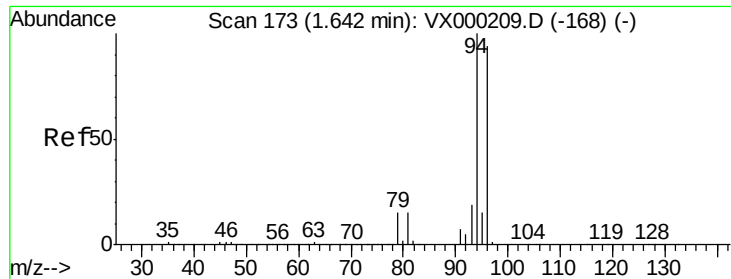
Tgt Ion: 62 Resp: 33606

Ion Ratio Lower Upper

62 100

64 30.6 25.7 38.5





#5

Bromomethane

Concen: 15.37 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBSD02

Tot Ion: 94 Resp: 27813

Ion Ratio Lower Upper

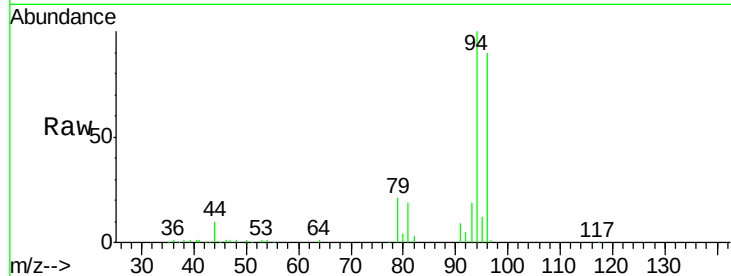
94 100

96 89.7 75.3 112.9

Manual Integrations
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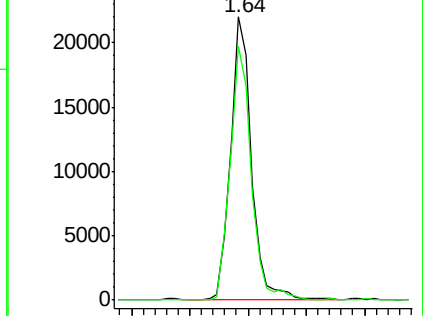
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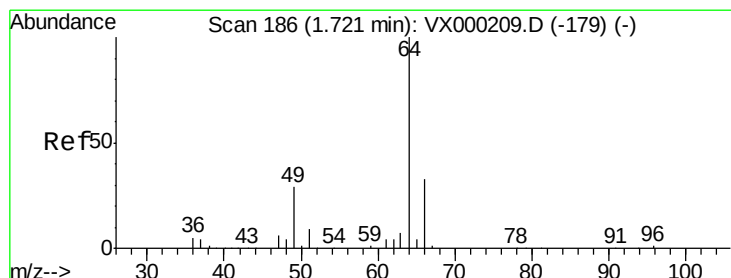
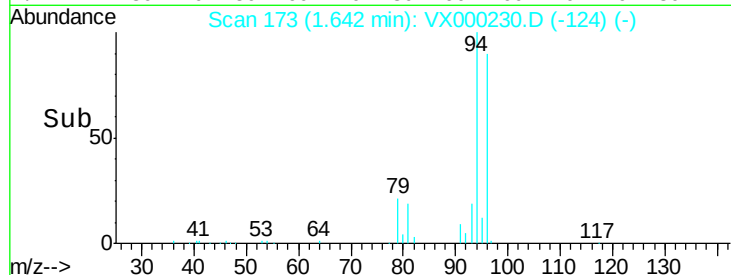


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: 20.80 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX000230.D

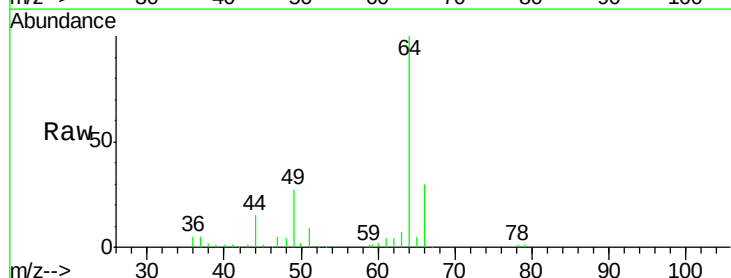
Acq: 08 Mar 2018 19:45

Tgt Ion: 64 Resp: 21811

Ion Ratio Lower Upper

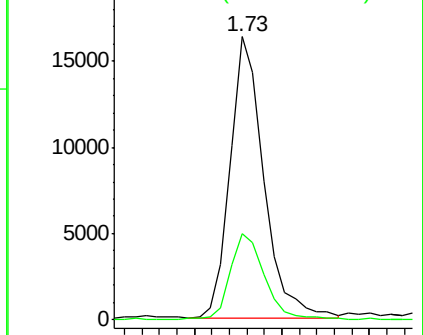
64 100

66 30.0 26.2 39.4

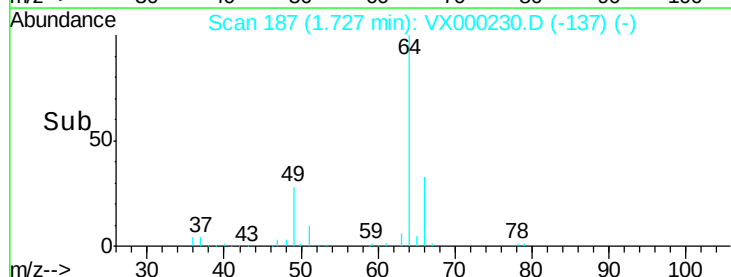


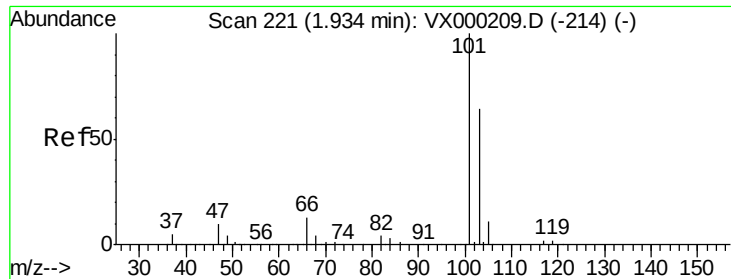
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->





#7

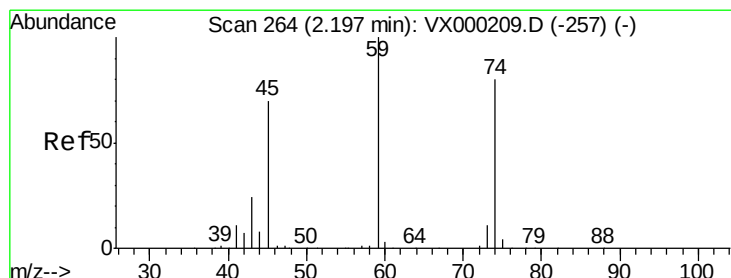
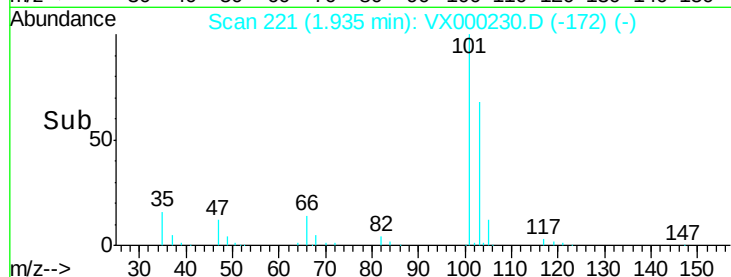
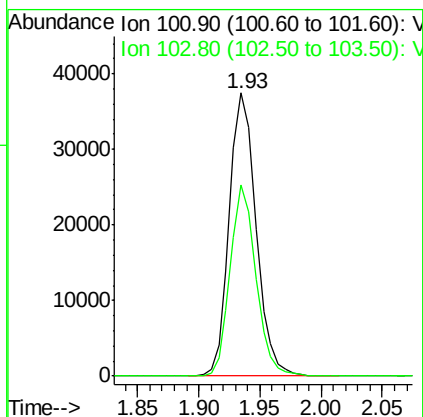
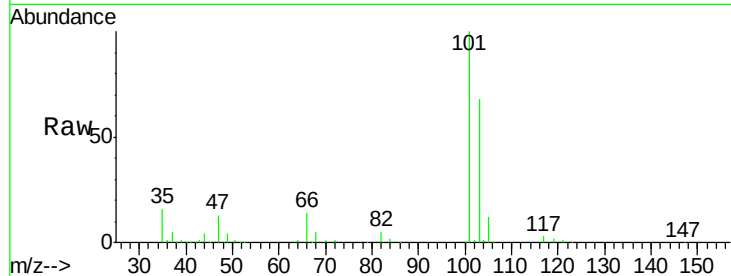
Trichlorofluoromethane
Concen: 20.64 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

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Tot Ion:101 Resp: 56813
Ion Ratio Lower Upper
101 100
103 67.6 51.2 76.8

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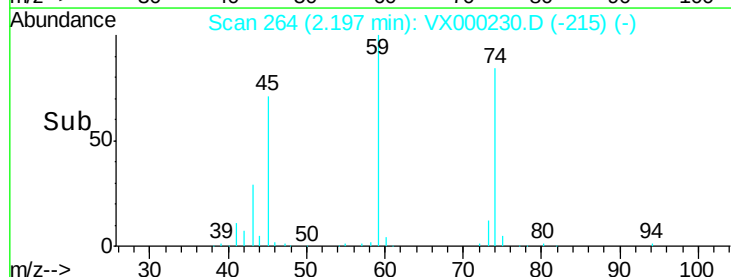
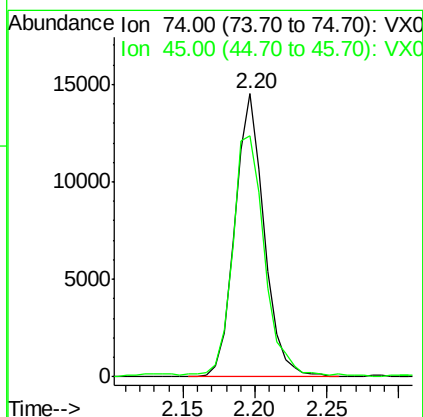
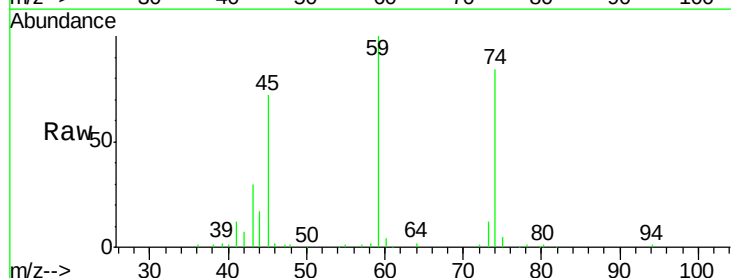
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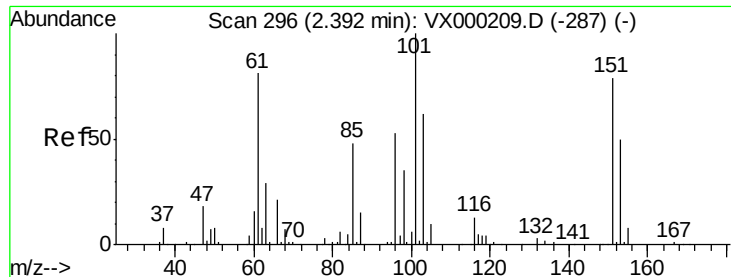


#8

Diethyl Ether
Concen: 20.33 ug/l
RT: 2.20 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Tgt Ion: 74 Resp: 20539
Ion Ratio Lower Upper
74 100
45 95.4 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.38 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.00 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

Instrument :

MSVOA_X

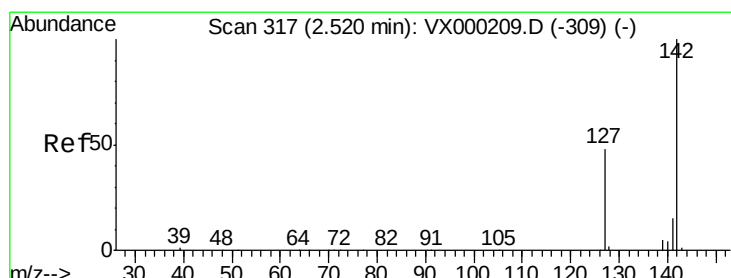
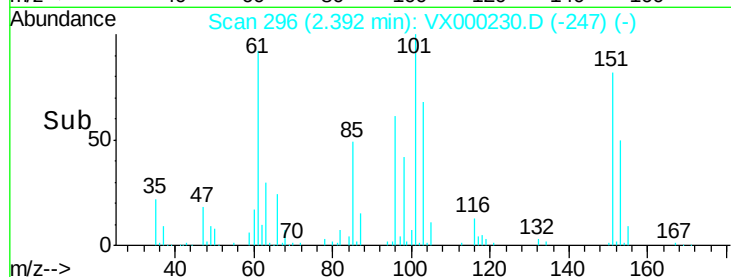
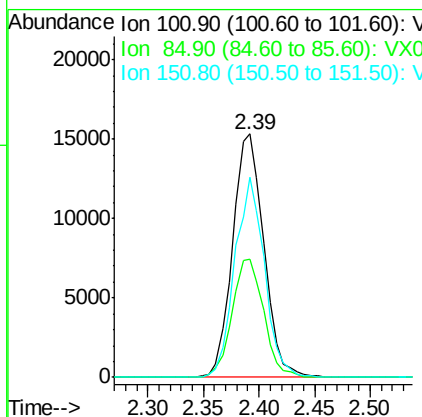
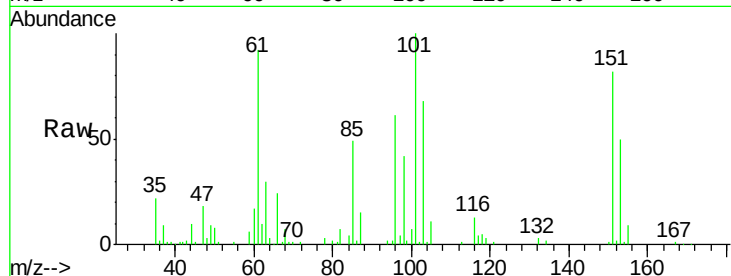
ClientSampleId :

VX0308WBSD02

Tot Ion:	101	Resp:	29794
Ion Ratio	Lower	Upper	
101	100		
85	48.8	38.3	57.5
151	78.0	62.8	94.2

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#10

Methyl Iodide

Concen: 17.81 ug/l

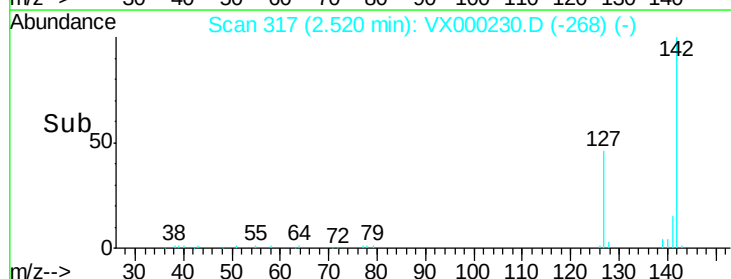
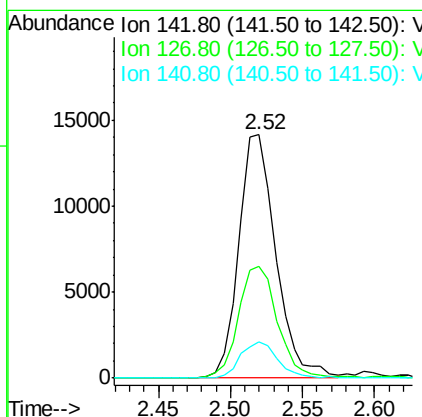
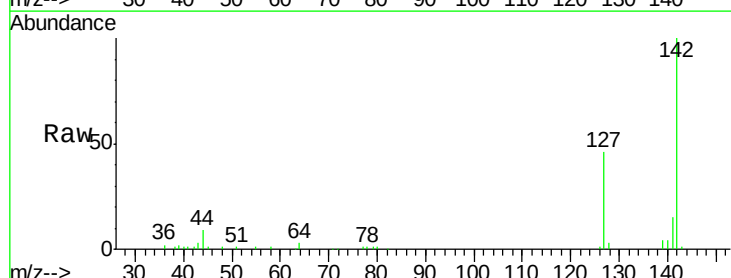
RT: 2.52 min Scan# 317

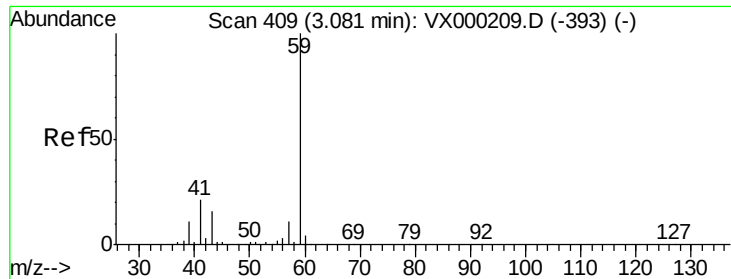
Delta R.T. 0.00 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

Tgt Ion:	142	Resp:	25261
Ion Ratio	Lower	Upper	
142	100		
127	48.6	39.0	58.6
141	14.9	11.6	17.4





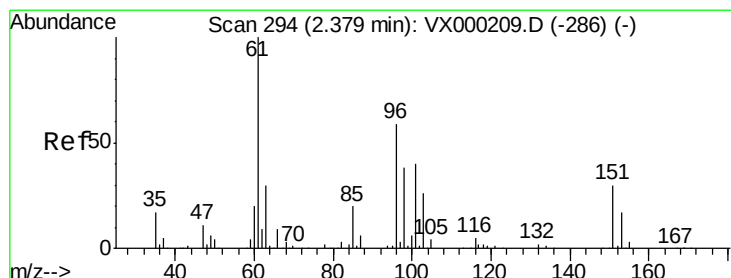
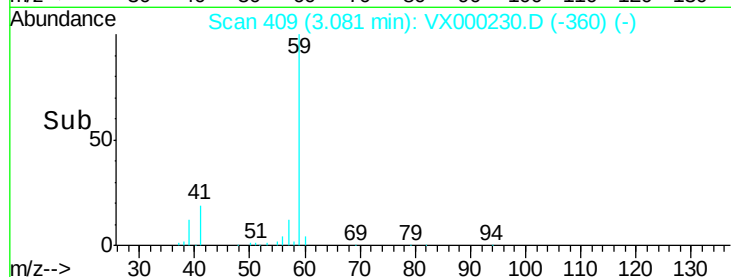
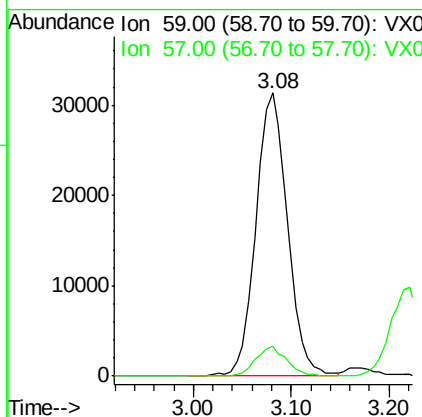
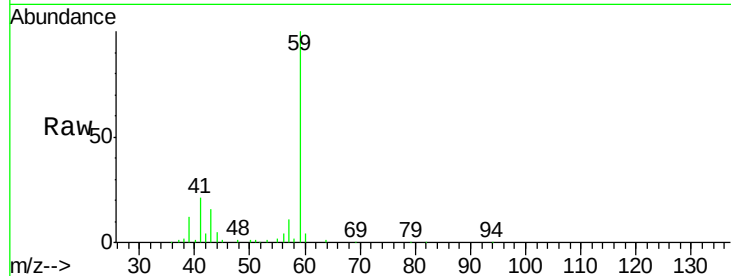
#11
Tert butyl alcohol
Concen: 104.15 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Instrument :
MSVOA_X
ClientSampled :
VX0308WBSD02

Tot Ion	59	Resp	71011
Ion Ratio	100	Lower	Upper
57	10.6	8.4	12.6

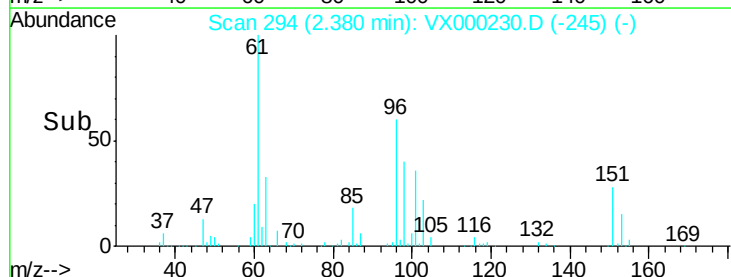
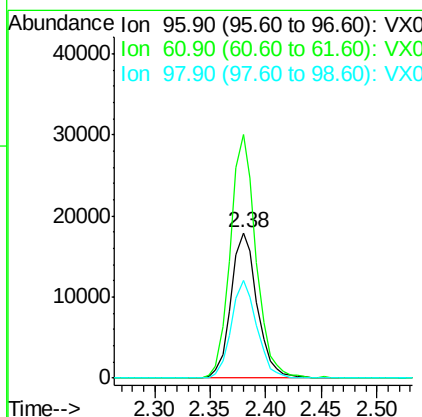
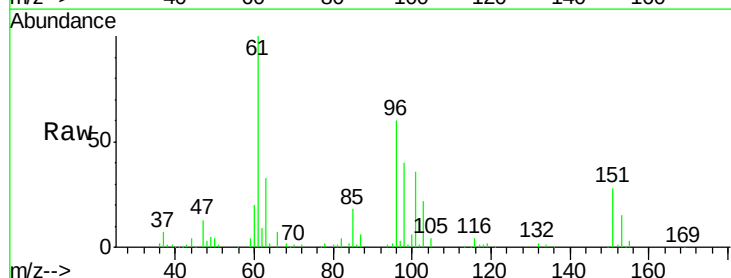
Manual Integrations
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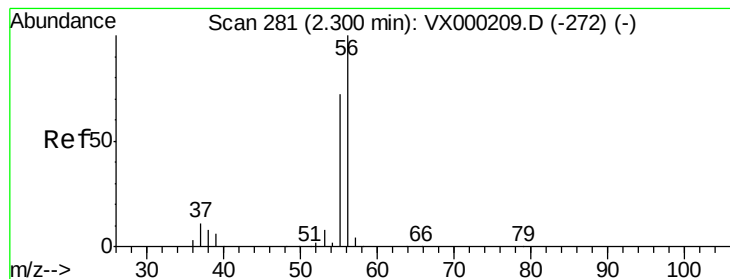
apatel
3/9/2018 9:38:36 AM



#12
1,1-Dichloroethene
Concen: 20.80 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Tgt Ion	96	Resp	29361
Ion Ratio	100	Lower	Upper
61	167.2	135.8	203.6
98	66.7	51.1	76.7





#13

Acrolein

Concen: 115.56 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBSD02

Tot Ion: 56 Resp: 41423

Ion Ratio Lower Upper

56 100

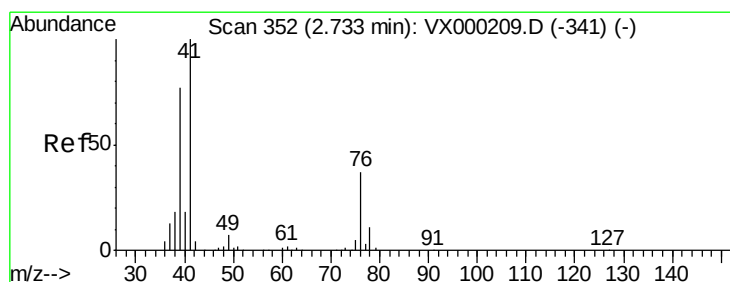
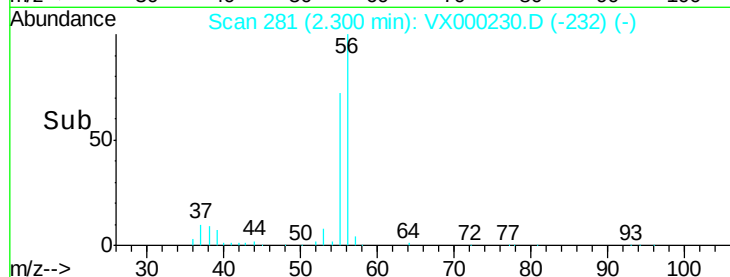
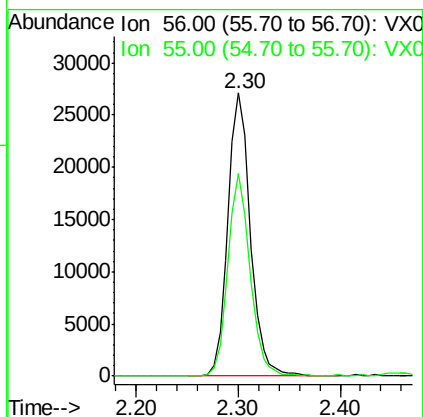
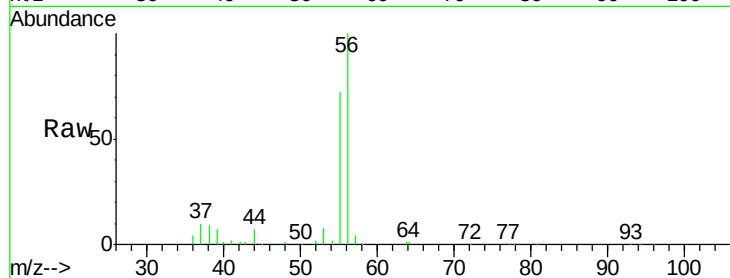
55 70.7 59.2 88.8

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#14

Allyl chloride

Concen: 20.30 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

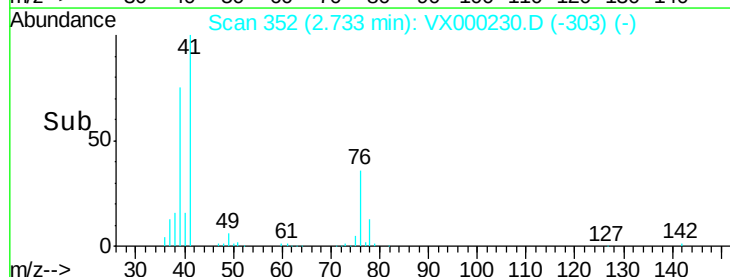
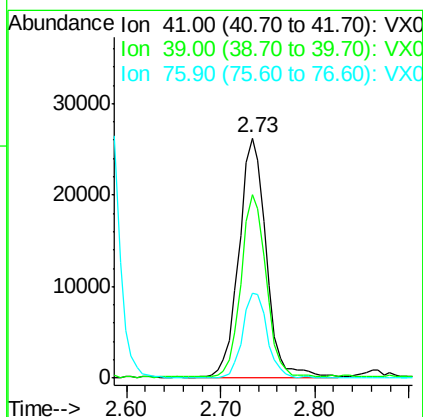
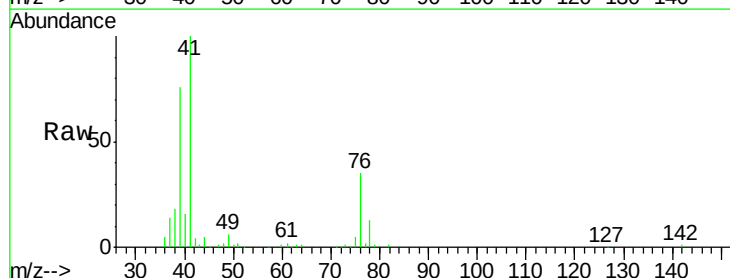
Tgt Ion: 41 Resp: 52929

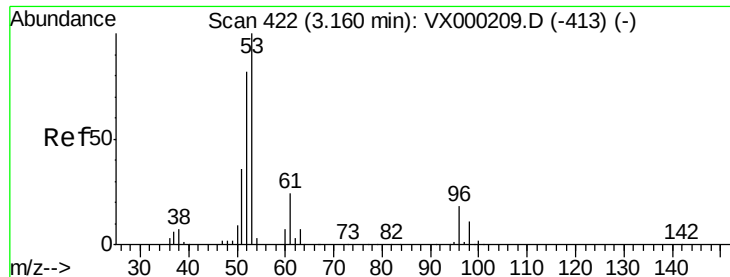
Ion Ratio Lower Upper

41 100

39 70.0 57.0 85.6

76 32.2 26.8 40.2





#15

Acrylonitrile

Concen: 105.35 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

Instrument :

MSVOA_X

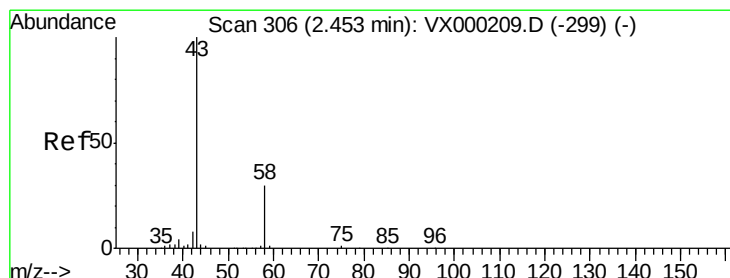
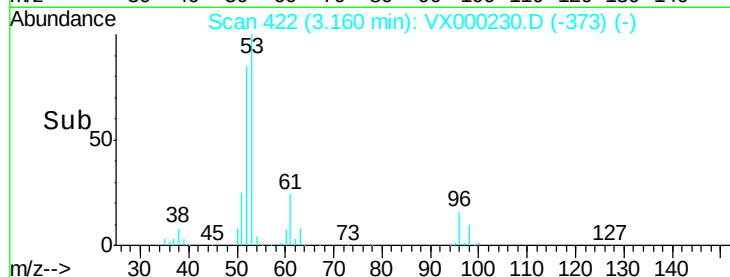
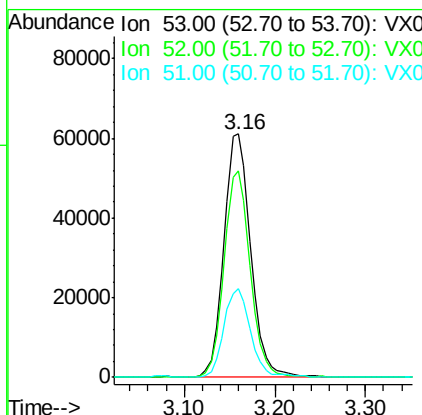
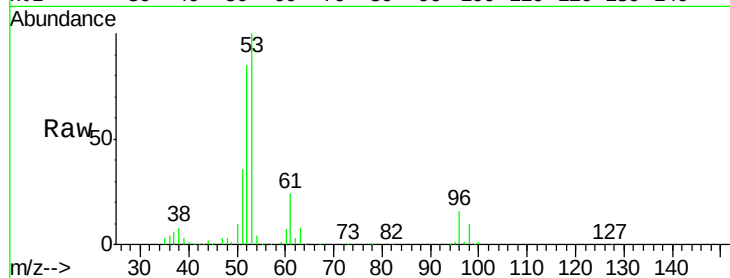
ClientSampleId :

VX0308WBSD02

Tot Ion:	53	Resp:	125003
Ion Ratio		Lower	Upper
53	100		
52	83.3	66.3	99.5
51	36.9	29.6	44.4

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#16

Acetone

Concen: 103.62 ug/l

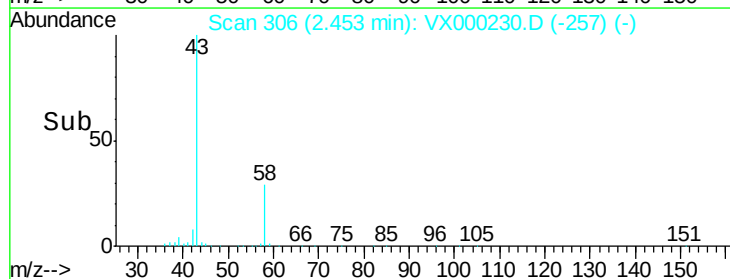
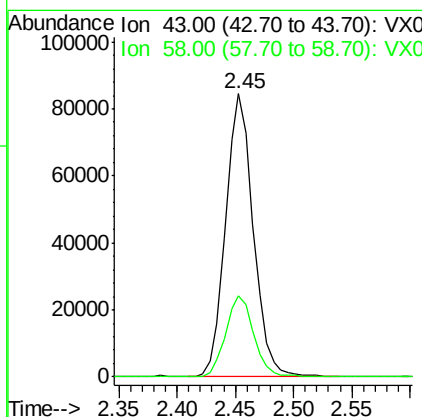
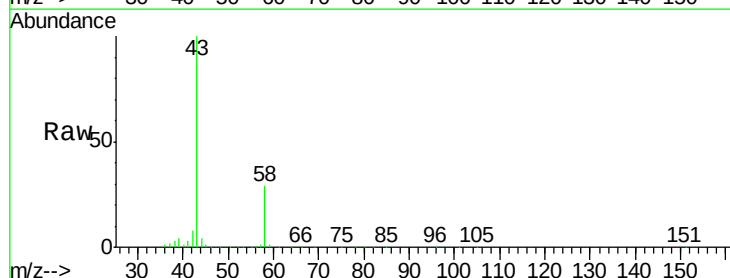
RT: 2.45 min Scan# 306

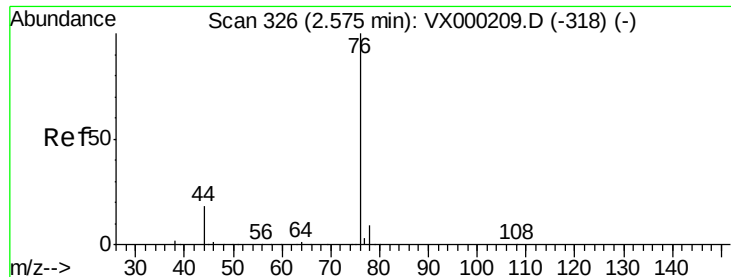
Delta R.T. 0.00 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

Tgt Ion:	43	Resp:	138085
Ion Ratio		Lower	Upper
43	100		
58	28.8	23.8	35.6





#17

Carbon Disulfide

Concen: 19.30 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

Instrument :

MSVOA_X

ClientSampled :

VX0308WBSD02

Tot Ion: 76 Resp: 74648

Ion Ratio Lower Upper

76 100

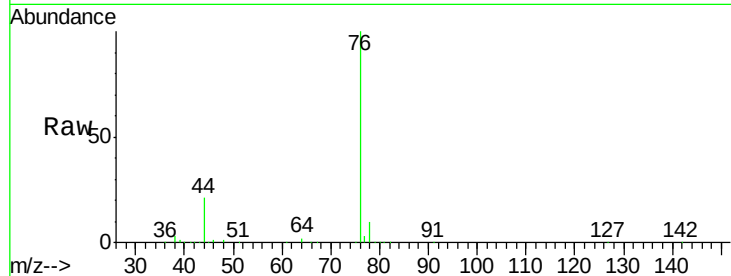
78 9.7 7.0 10.6

Manual Integrations

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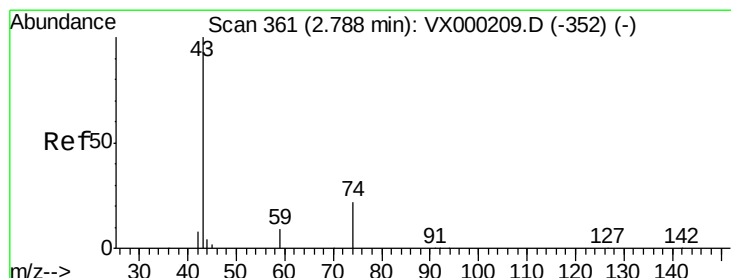
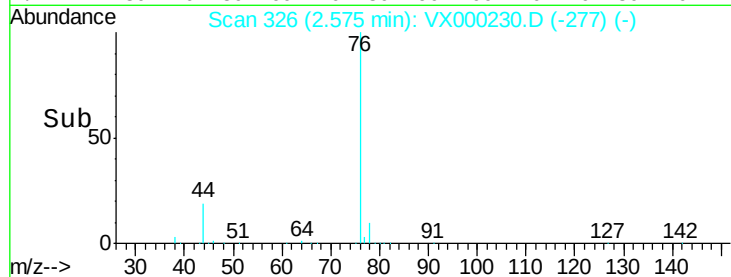
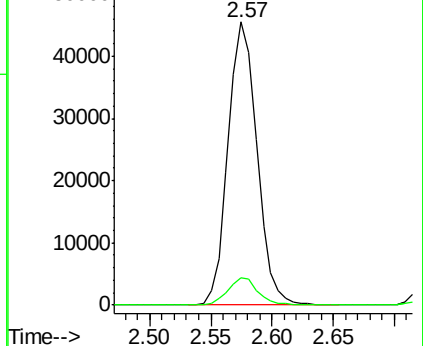
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 21.37 ug/l

RT: 2.79 min Scan# 361

Delta R.T. 0.00 min

Lab File: VX000230.D

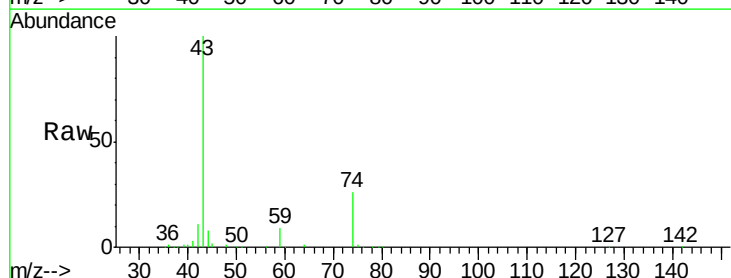
Acq: 08 Mar 2018 19:45

Tgt Ion: 43 Resp: 60652

Ion Ratio Lower Upper

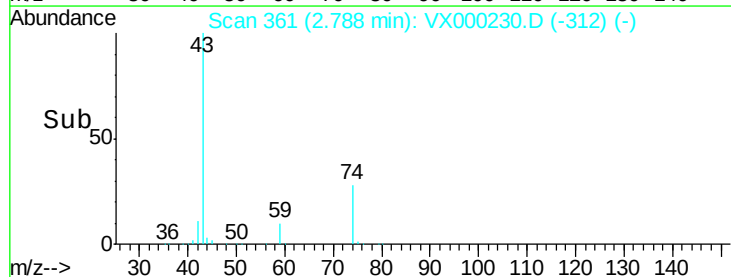
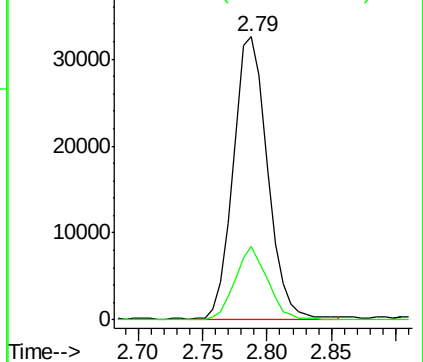
43 100

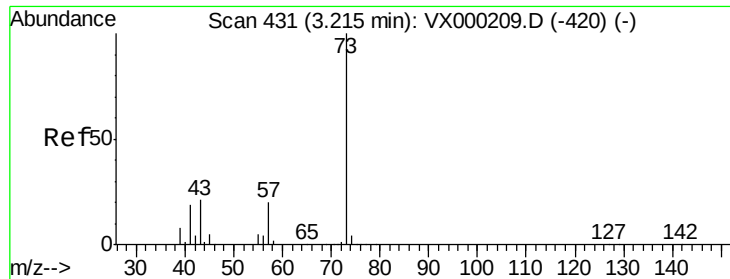
74 24.4 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





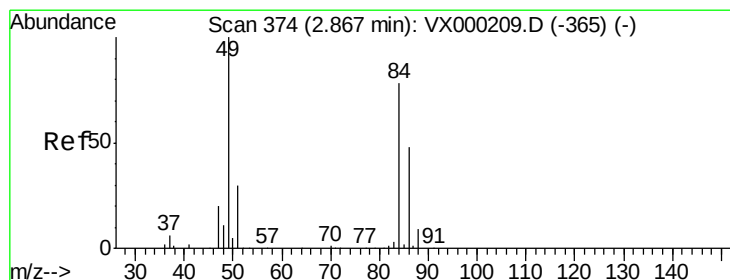
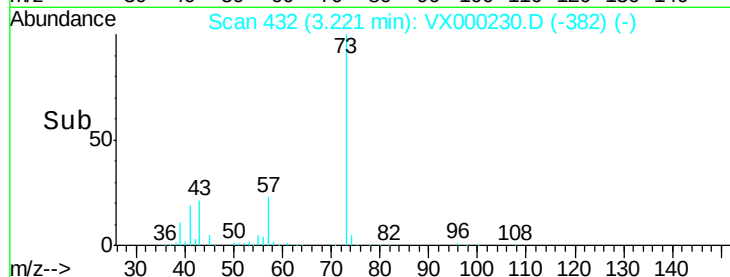
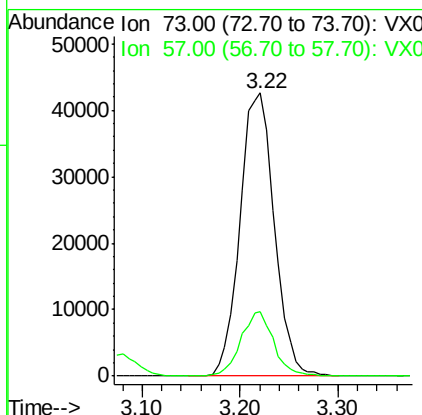
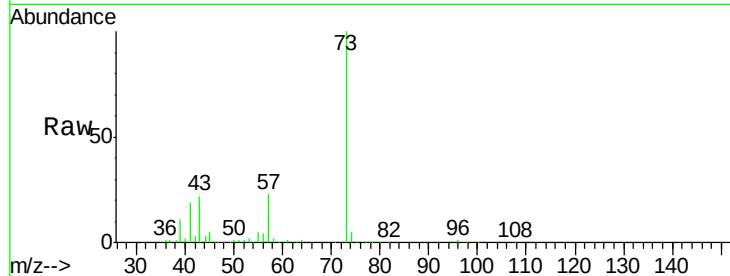
#19
Methyl tert-butyl Ether
Concen: 20.63 ug/l
RT: 3.22 min Scan# 432
Delta R.T. 0.01 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.9	16.3	24.5

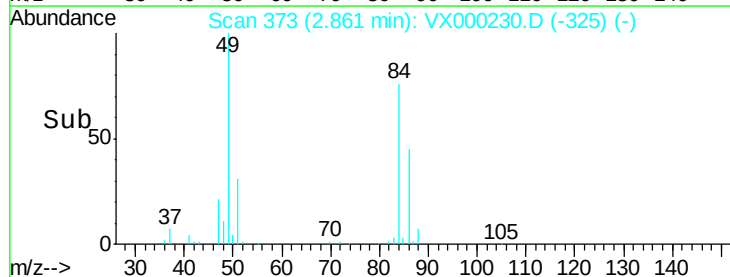
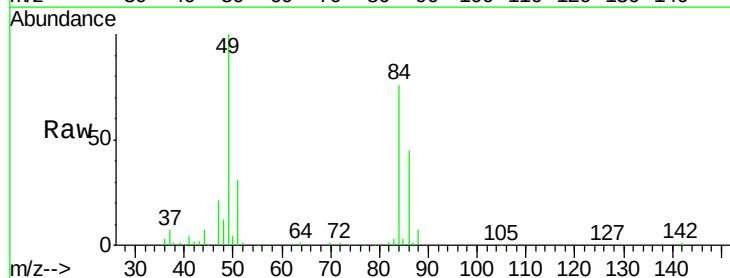
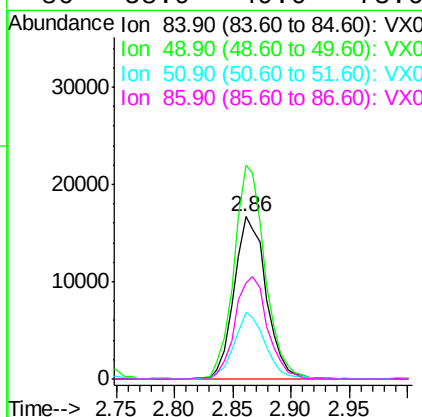
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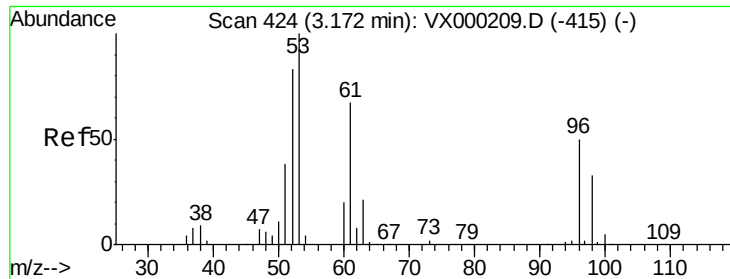
apatel
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#20
Methylene Chloride
Concen: 20.24 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Tgt Ion	Ratio	Lower	Upper
84	100		
49	131.6	102.1	153.1
51	40.8	30.6	45.8
86	58.9	49.0	73.6





#21

trans-1,2-Dichloroethene

Concen: 19.96 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

Instrument :

MSVOA_X

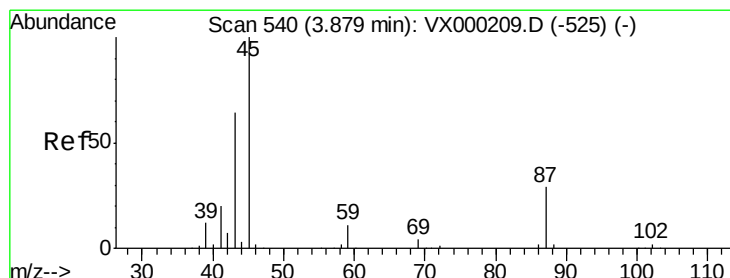
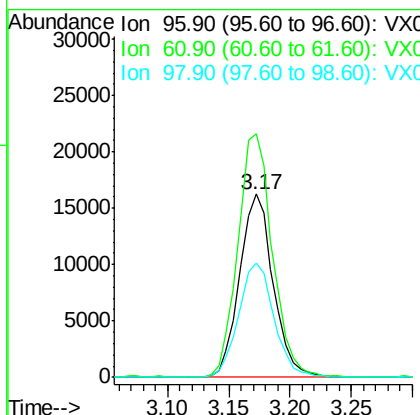
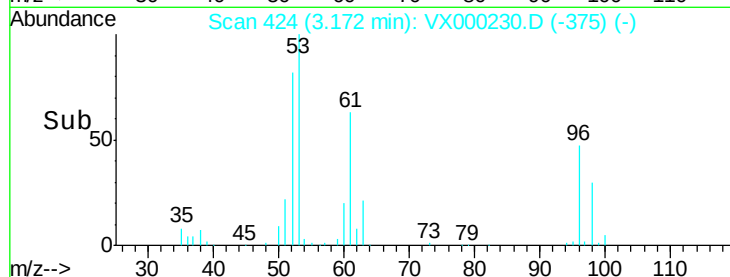
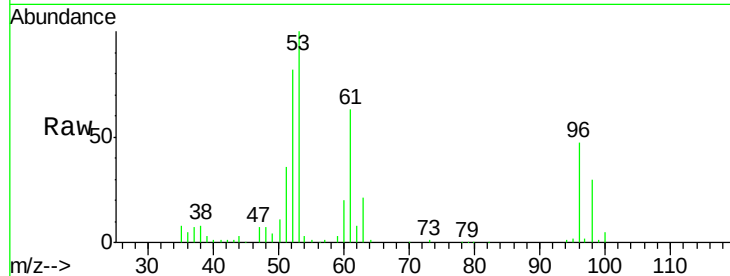
ClientSampleId :

VX0308WBSD02

Tot Ion:	96	Resp:	30989
Ion	Ratio	Lower	Upper
96	100		
61	133.0	107.0	160.4
98	62.2	51.8	77.8

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#22

Diisopropyl ether

Concen: 17.18 ug/l

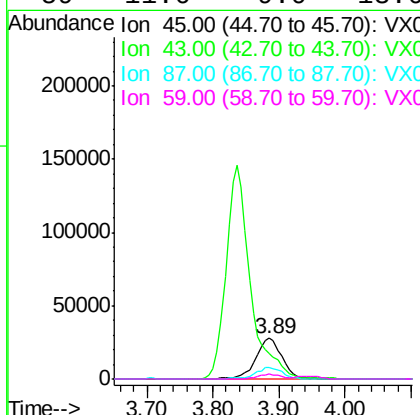
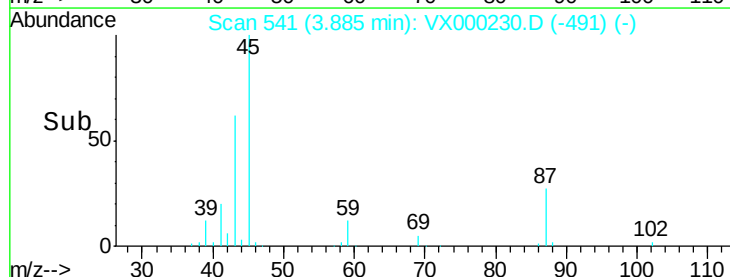
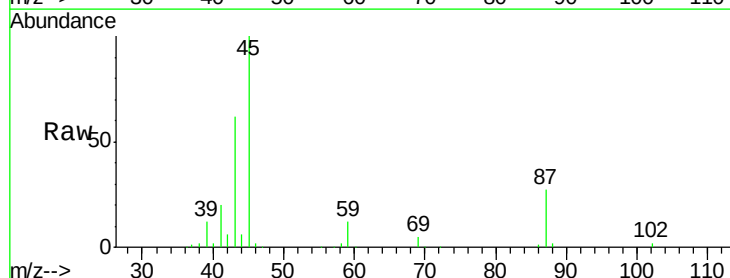
RT: 3.89 min Scan# 541

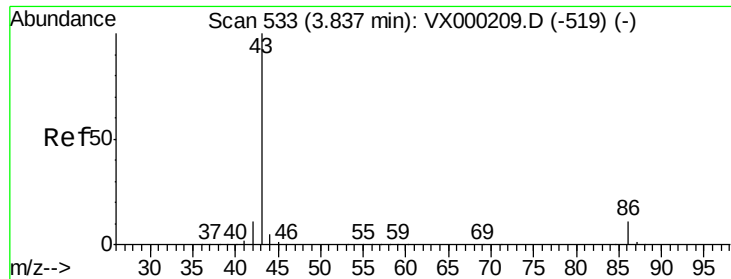
Delta R.T. 0.01 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

Tgt Ion:	45	Resp:	76963
Ion	Ratio	Lower	Upper
45	100		
43	61.7	53.5	80.3
87	26.8	23.3	34.9
59	11.6	9.0	13.6





#23

Vinyl Acetate

Concen: 86.32 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.00 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBSD02

Tot Ion: 43 Resp: 372594

Ion Ratio Lower Upper

43 100

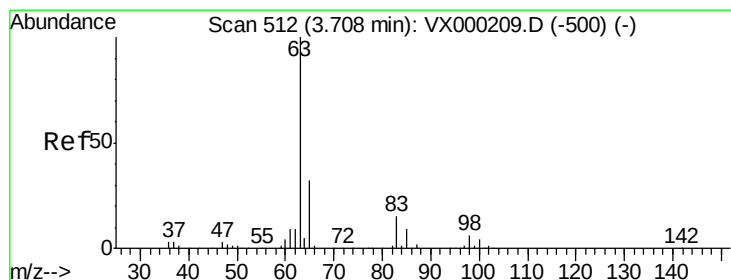
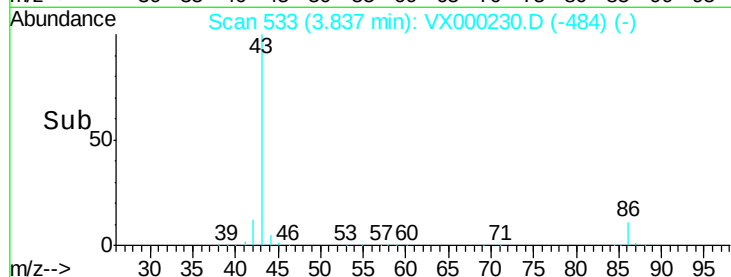
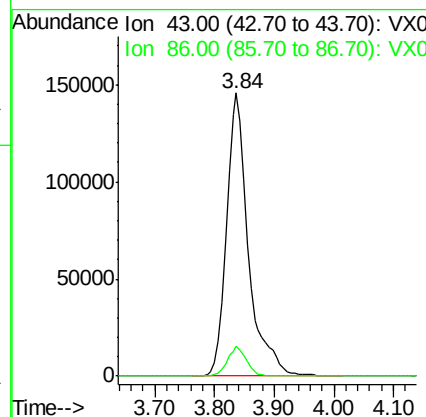
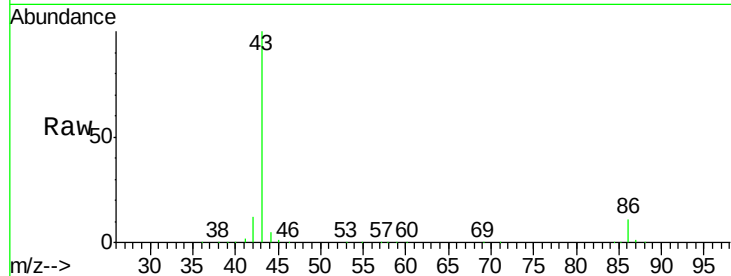
86 10.7 8.5 12.7

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#24

1,1-Dichloroethane

Concen: 19.63 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

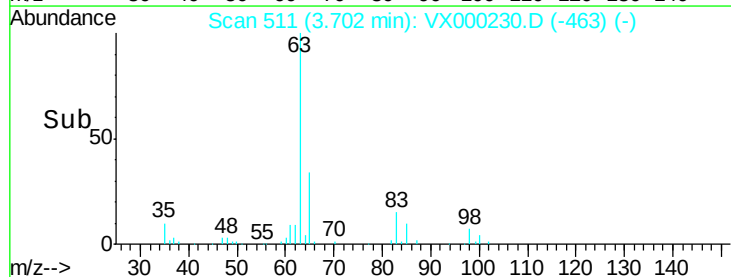
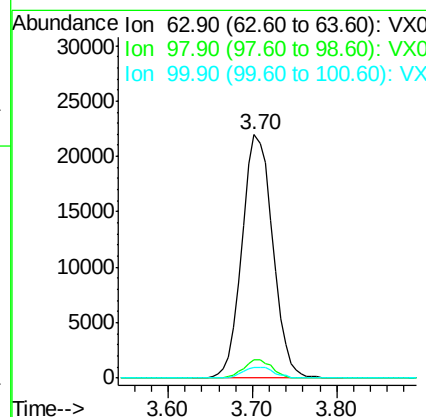
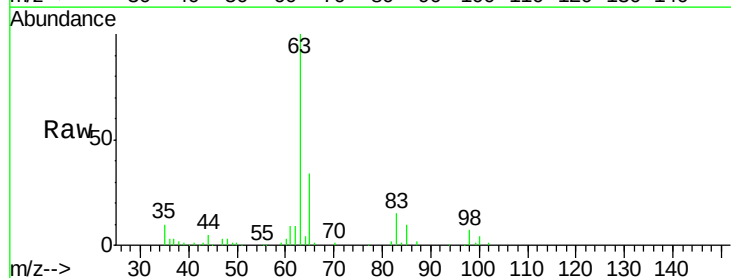
Tgt Ion: 63 Resp: 53887

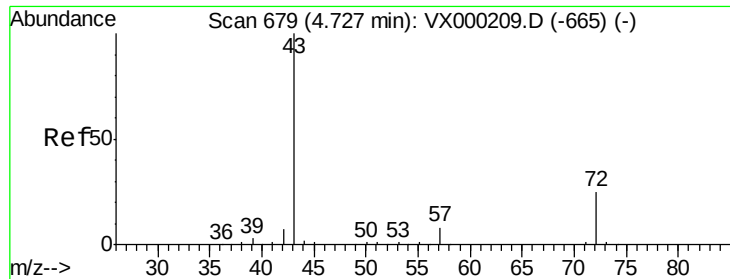
Ion Ratio Lower Upper

63 100

98 7.3 3.1 9.4

100 4.4 2.2 6.6





#25

2-Butanone

Concen: 100.26 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBSD02

Tot Ion: 43 Resp: 164876

Ion Ratio Lower Upper

43 100

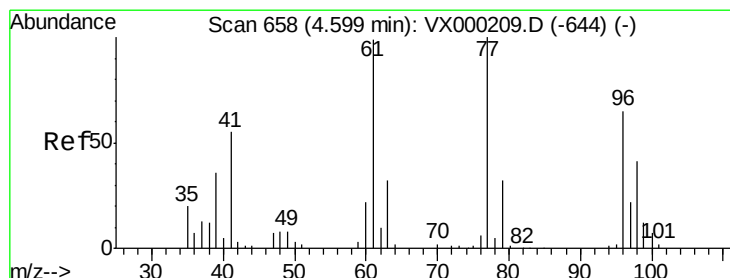
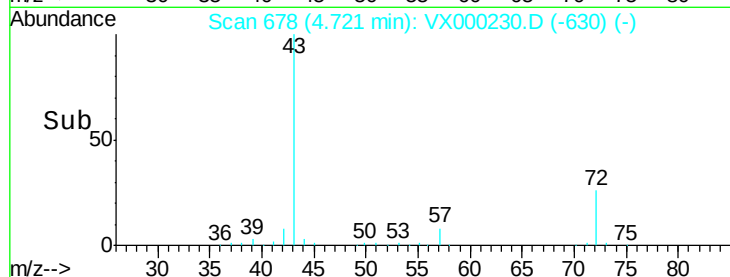
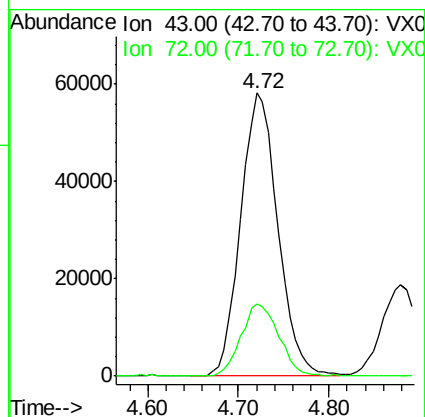
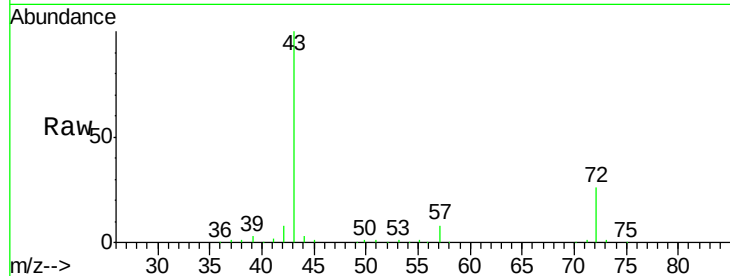
72 25.7 20.2 30.2

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#26

2,2-Dichloropropane

Concen: 19.19 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX000230.D

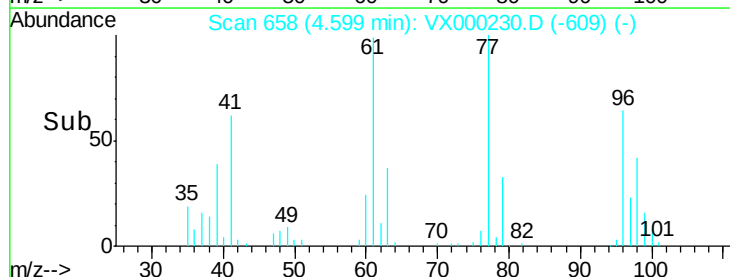
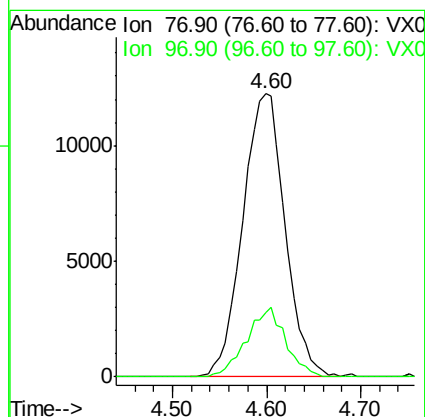
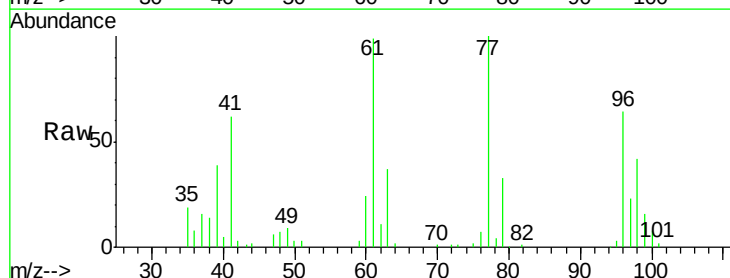
Acq: 08 Mar 2018 19:45

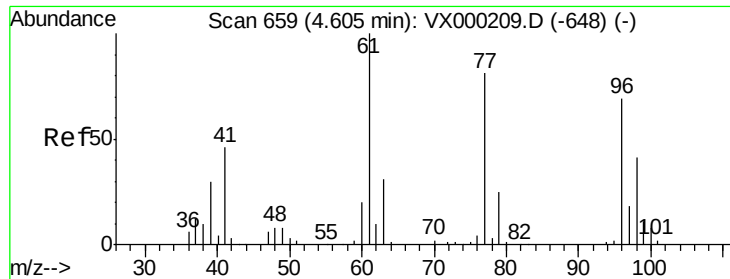
Tgt Ion: 77 Resp: 38517

Ion Ratio Lower Upper

77 100

97 22.5 11.4 34.1





#27

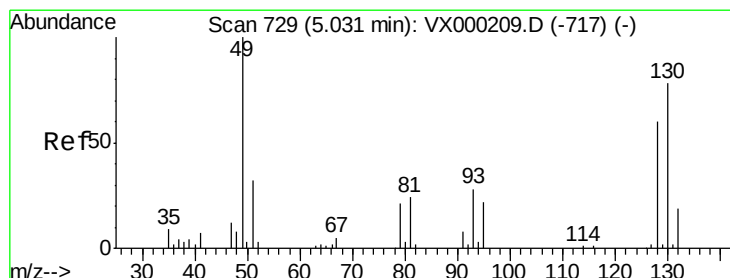
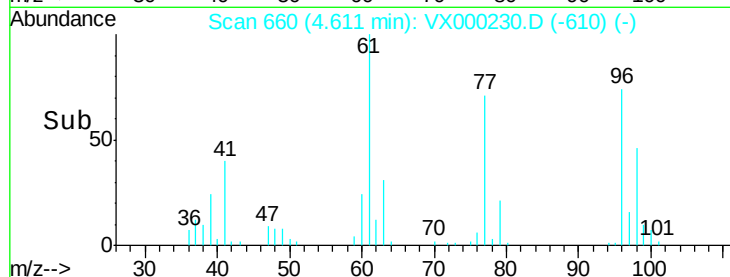
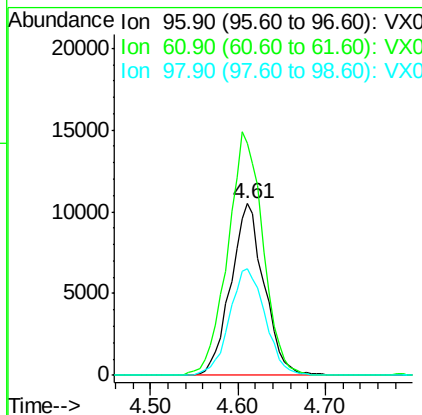
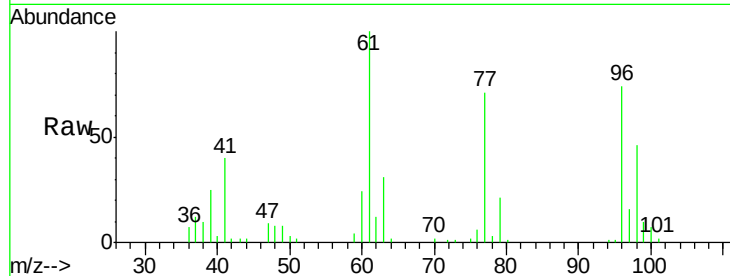
cis-1,2-Dichloroethene
Concen: 18.96 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.01 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	27908		
61	148.7		0.0	296.4
98	65.9		0.0	130.6

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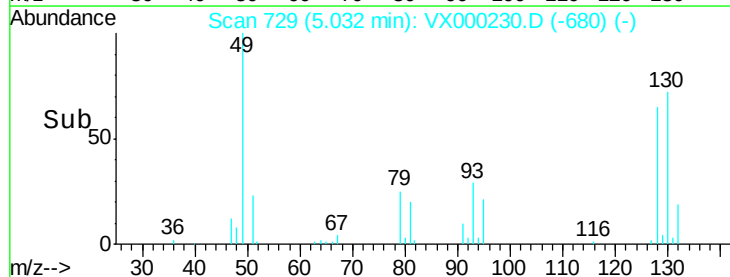
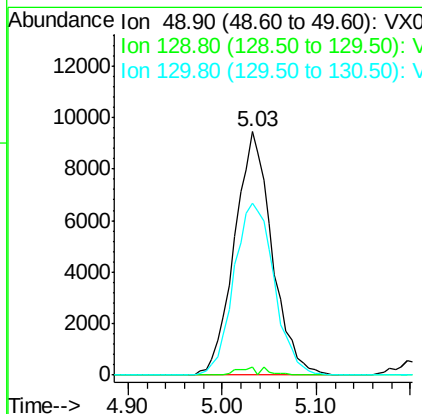
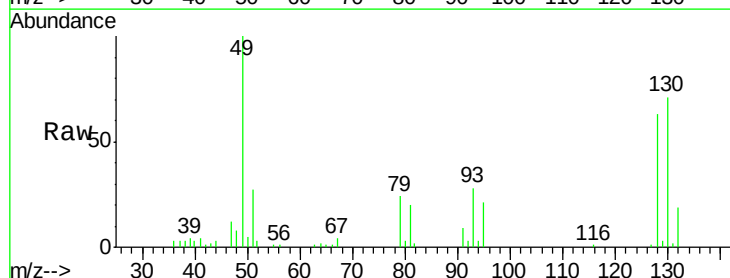
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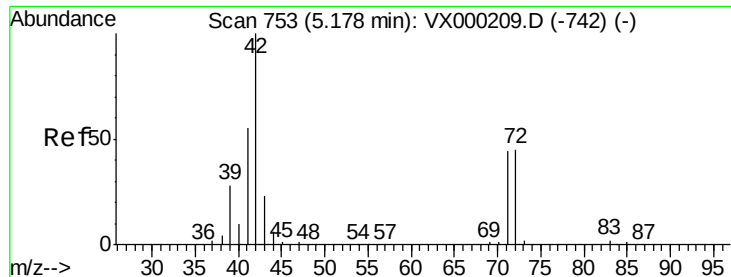


#28

Bromochloromethane
Concen: 22.50 ug/l
RT: 5.03 min Scan# 729
Delta R.T. 0.00 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	26253		
129	1.4		0.0	5.0
130	75.8		63.5	95.3





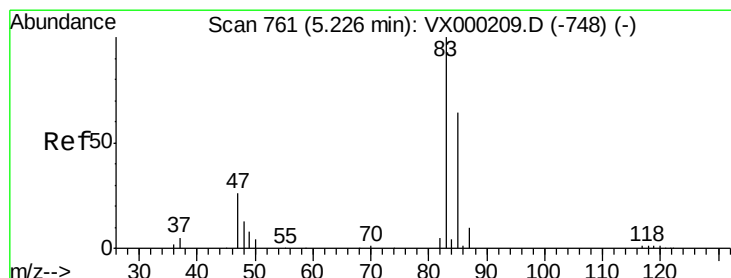
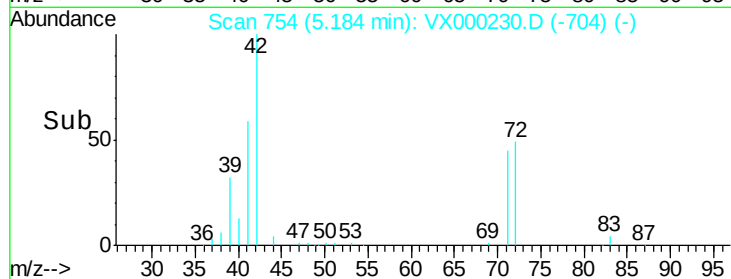
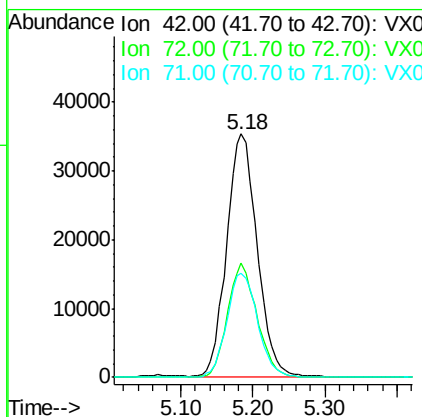
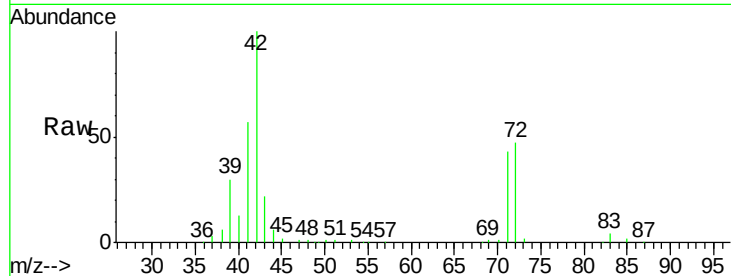
#29
Tetrahydrofuran
Concen: 101.50 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.8	37.3	55.9
71	43.0	35.0	52.4

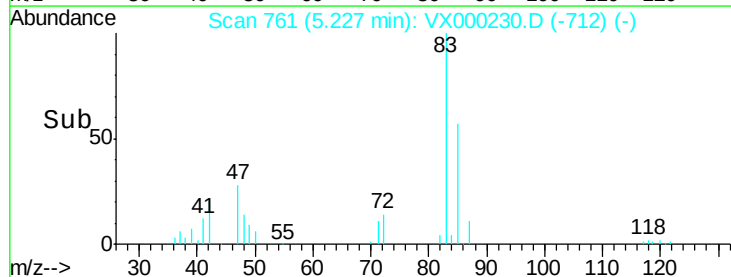
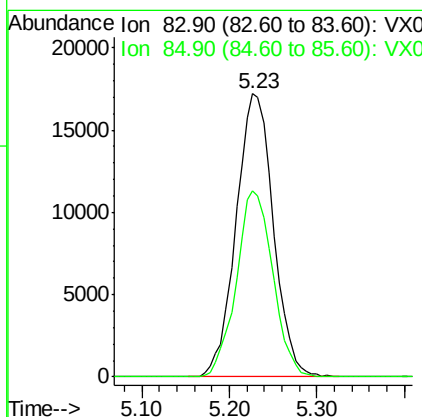
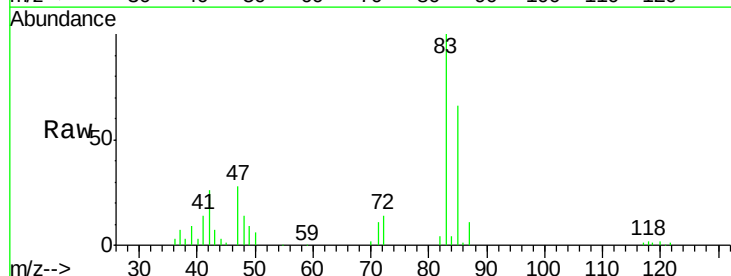
Manual Integrations
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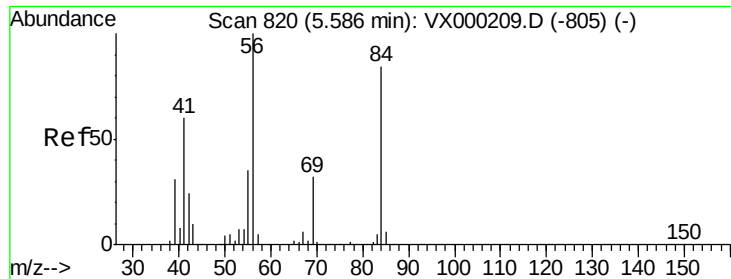
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#30
Chloroform
Concen: 19.15 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	51.0	76.6





#31

Cyclohexane

Concen: 19.39 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.00 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

Instrument :

MSVOA_X

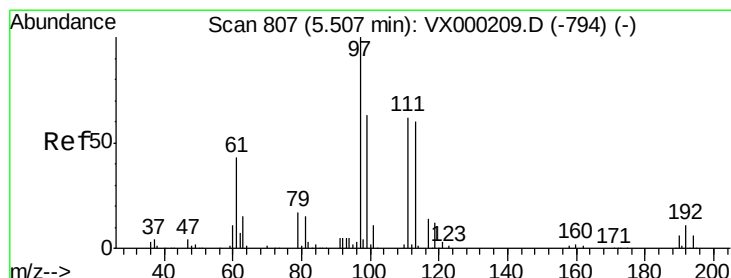
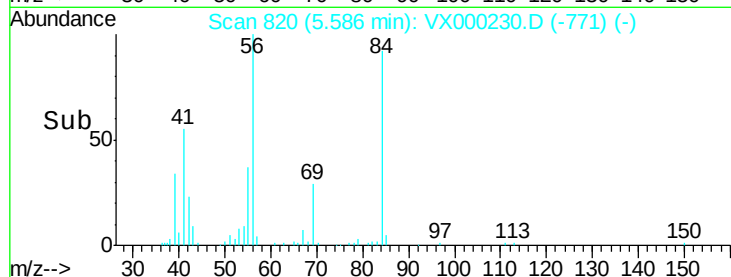
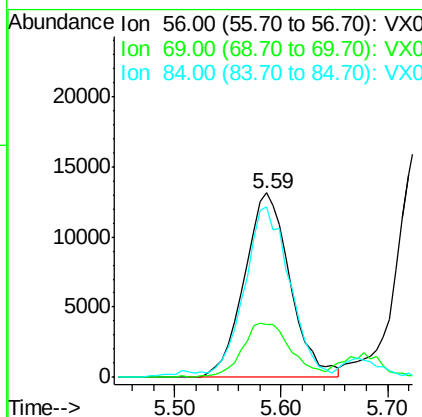
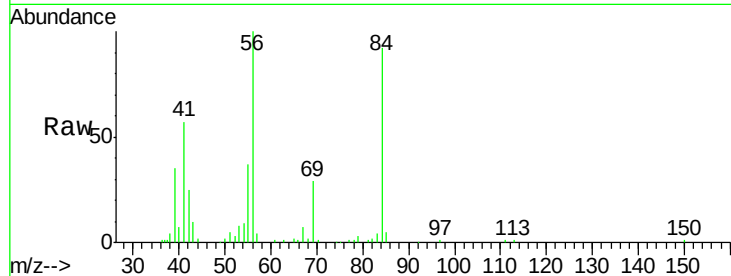
ClientSampleId :

VX0308WBSD02

Tot Ion:	56	Resp:	39375
Ion Ratio	Lower	Upper	
56	100		
69	28.9	25.3	37.9
84	89.2	67.2	100.8

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.56 ug/l

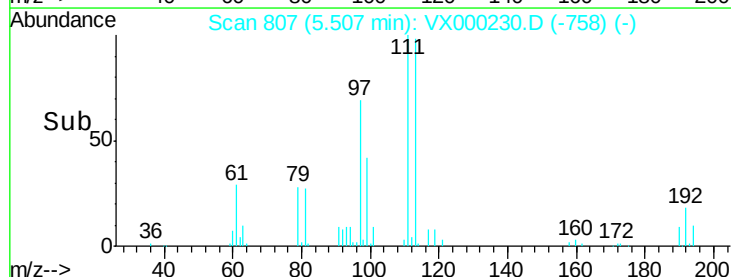
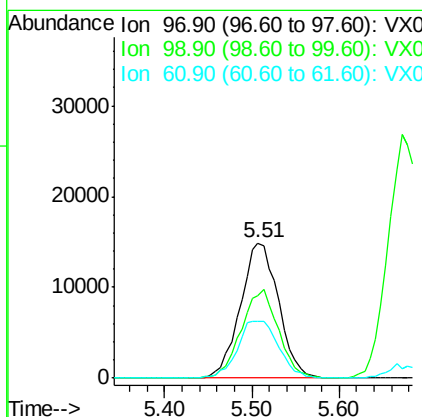
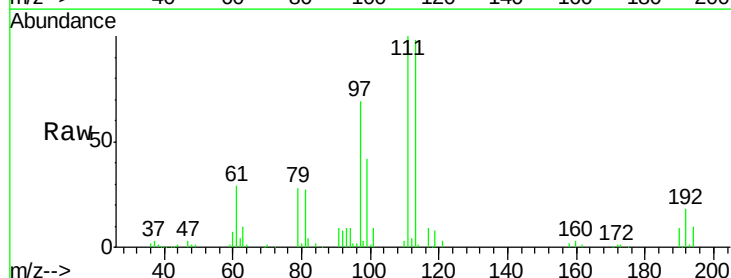
RT: 5.51 min Scan# 807

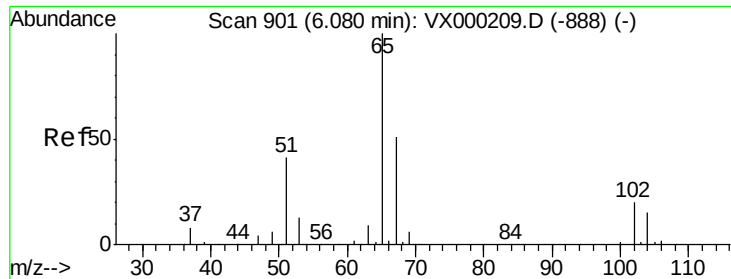
Delta R.T. 0.00 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

Tgt Ion:	97	Resp:	45026
Ion Ratio	Lower	Upper	
97	100		
99	63.7	50.9	76.3
61	45.4	35.4	53.0





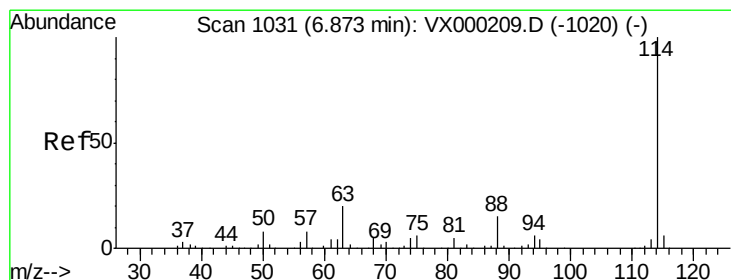
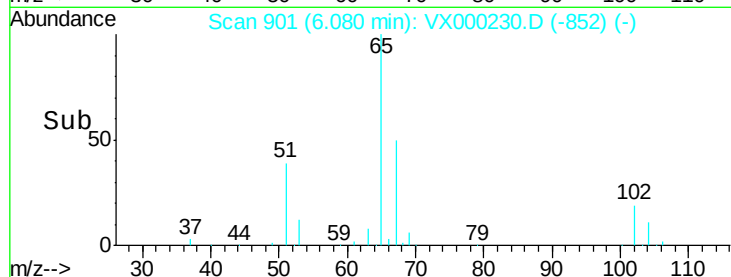
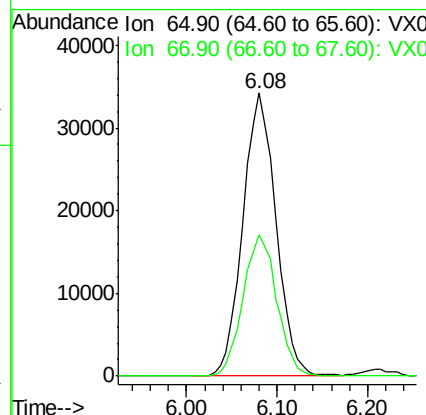
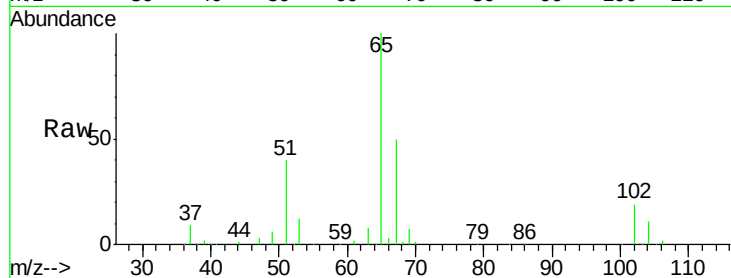
#33
 1,2-Dichloroethane-d4
 Concen: 46.81 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000230.D
 Acq: 08 Mar 2018 19:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	50.7	0.0	103.4	

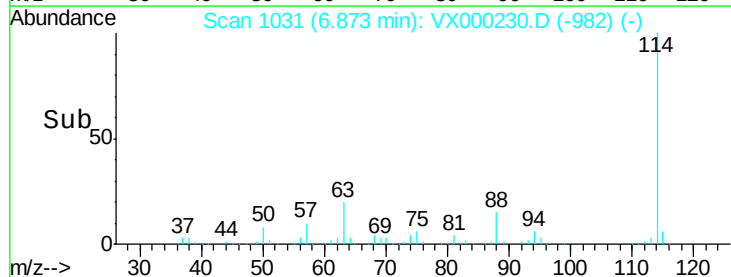
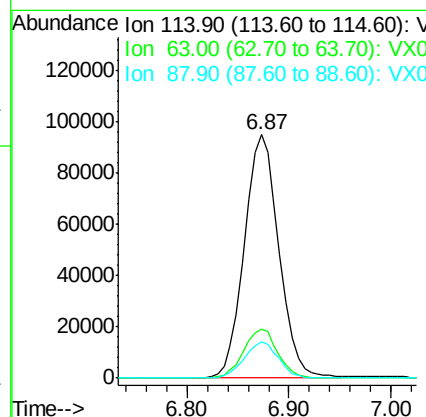
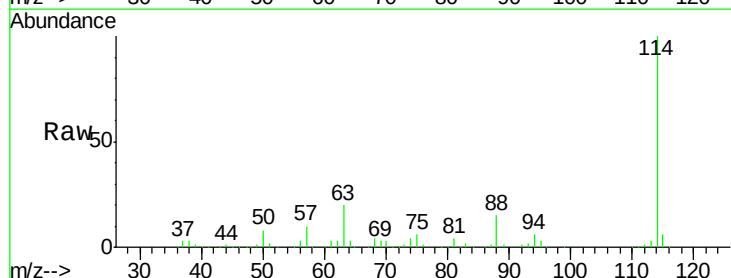
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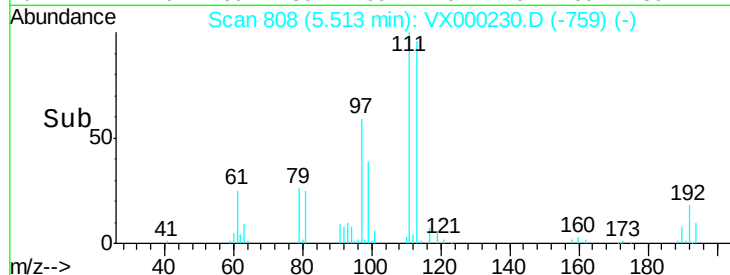
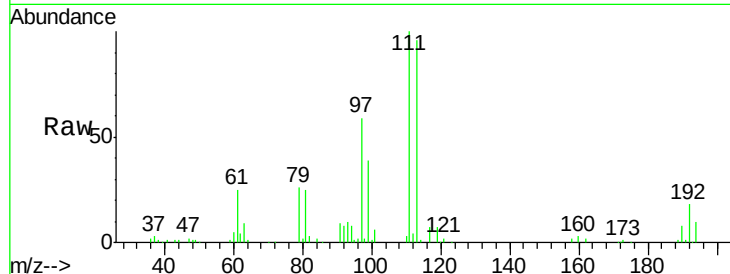
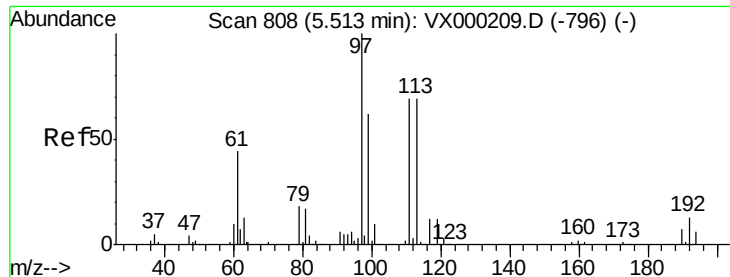
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 3/9/2018 9:38:36 AM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000230.D
 Acq: 08 Mar 2018 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.9	0.0	39.2	
88	14.9	0.0	29.8	





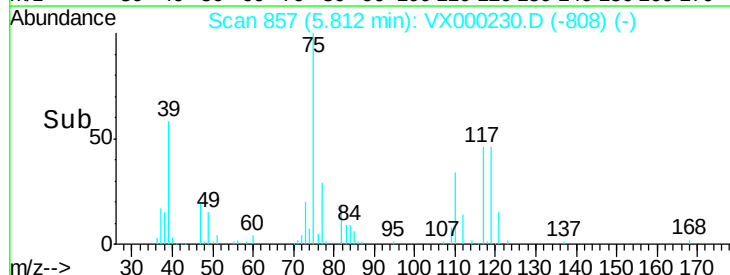
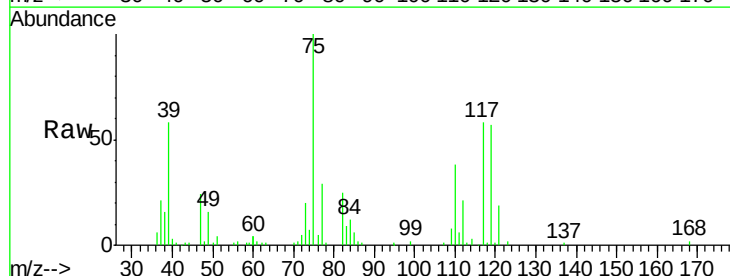
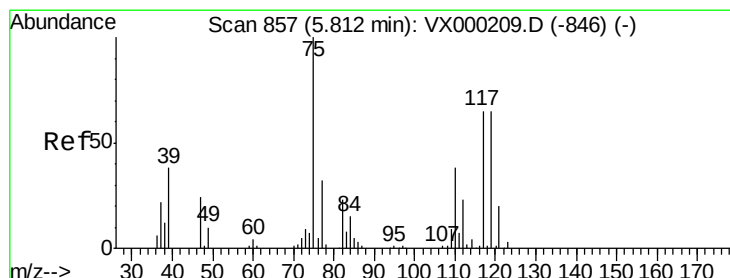
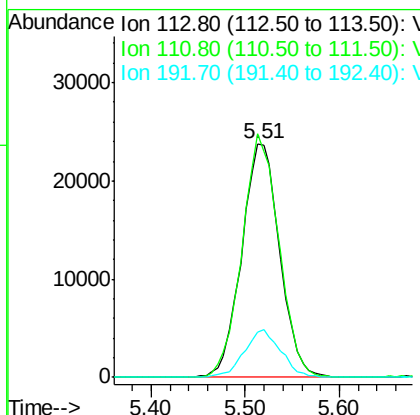
#35
Dibromofluoromethane
Concen: 47.94 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.00 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Tot Ion	Ratio	Resp	Lower	Upper
113	100	67189		
111	101.2	83.0	124.6	
192	19.7	15.5	23.3	

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD02

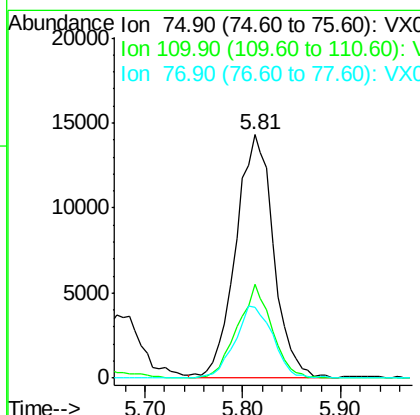
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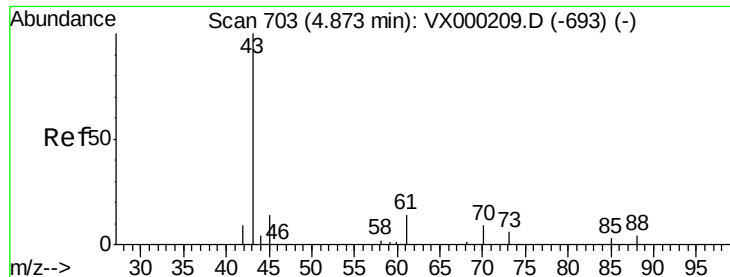
apatel
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#36
1,1-Dichloropropene
Concen: 19.12 ug/l
RT: 5.81 min Scan# 857
Delta R.T. 0.00 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	37966		
110	35.4	17.8	53.5	
77	29.7	24.9	37.3	





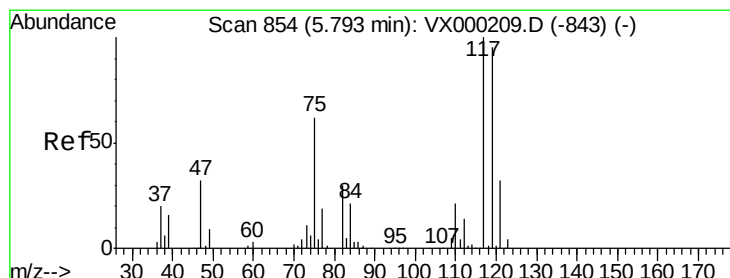
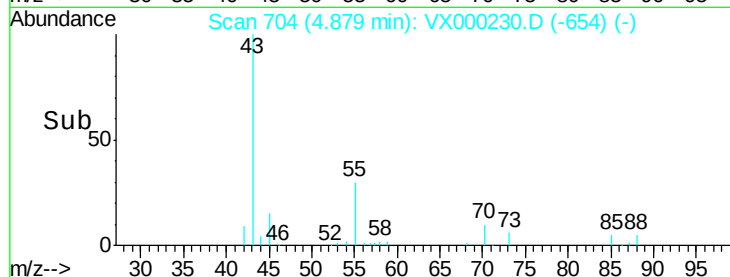
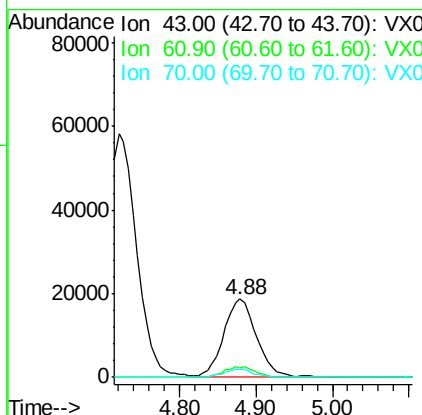
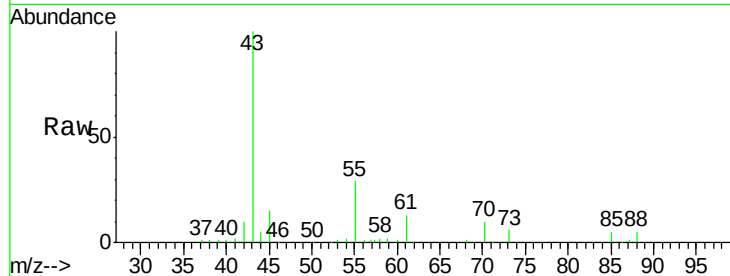
#37
Ethyl Acetate
Concen: 19.31 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Instrument :
MSVOA_X
ClientSampled :
VX0308WBSD02

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

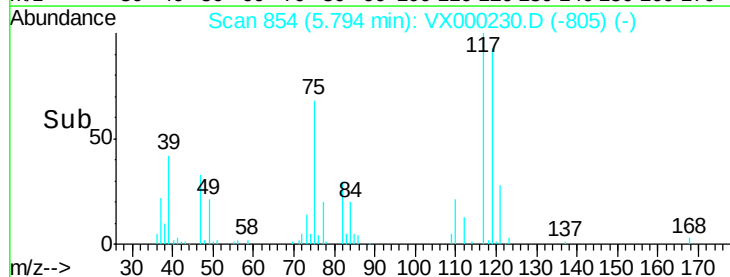
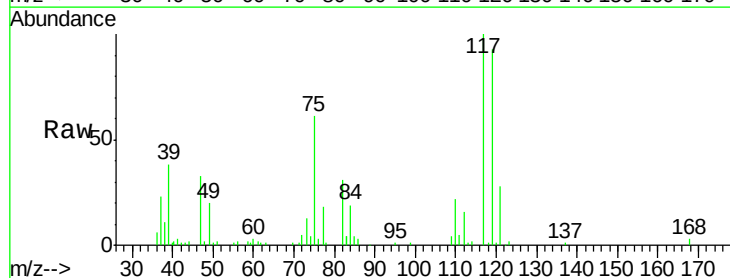
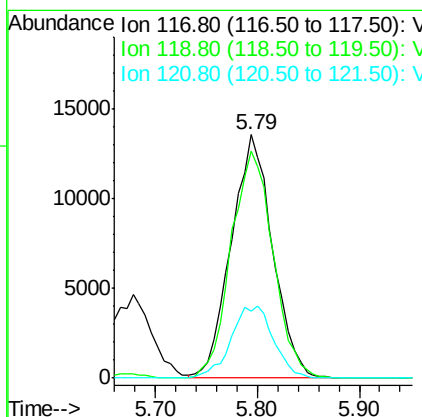
Manual Integrations
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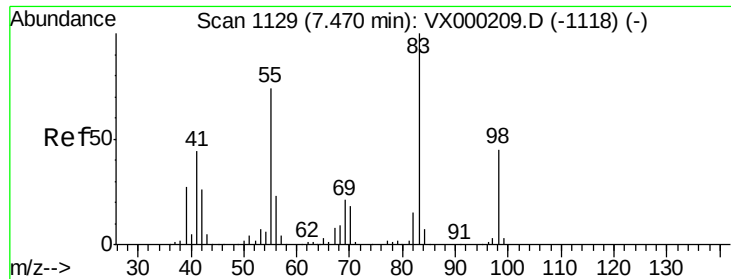
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#38
Carbon Tetrachloride
Concen: 19.06 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.3	75.9	113.9
121	27.6	25.8	38.6





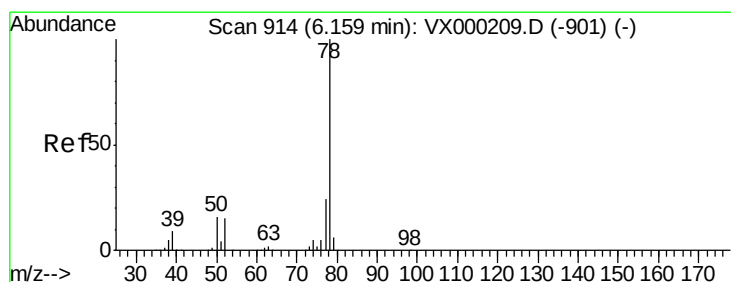
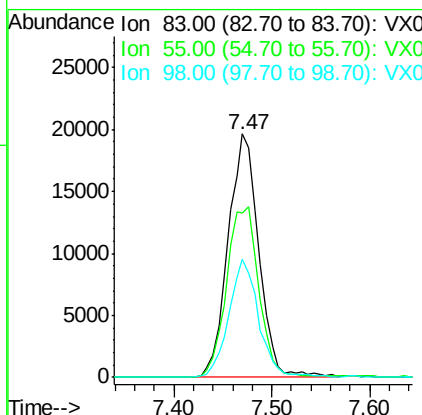
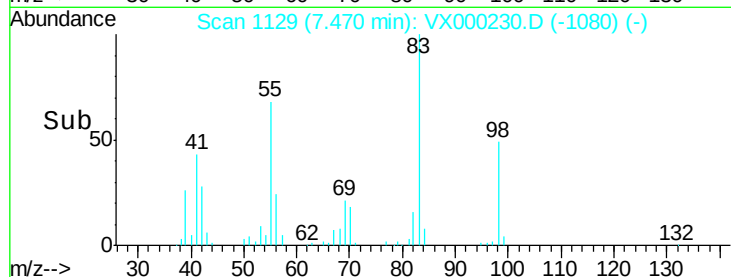
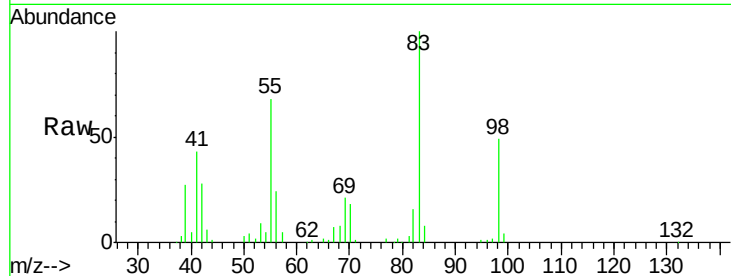
#39
Methylvlcyclohexane
Concen: 17.55 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Instrument :
MSVOA_X
ClientSampled :
VX0308WBSD02

Tot Ion	83.00	Resp	42754
Ion	Ratio	Lower	Upper
83	100		
55	67.5	59.4	89.0
98	48.7	36.3	54.5

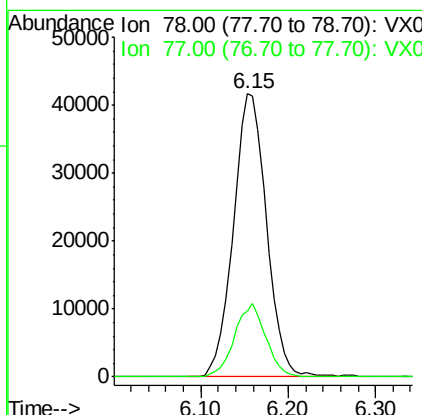
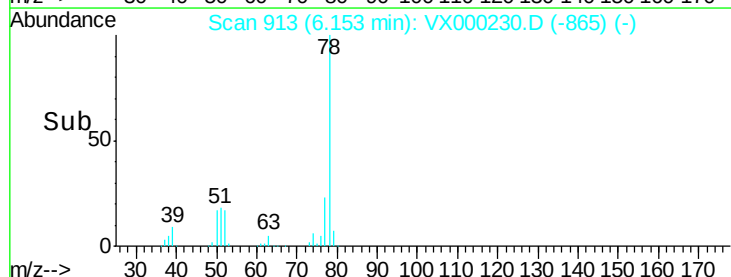
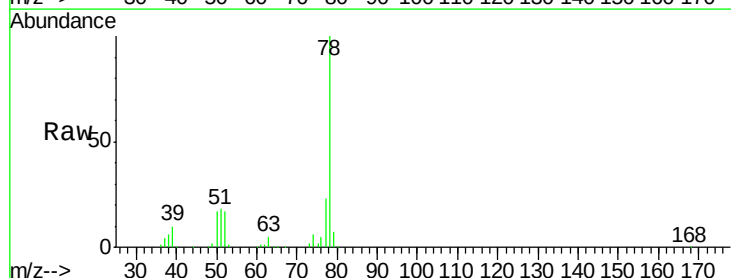
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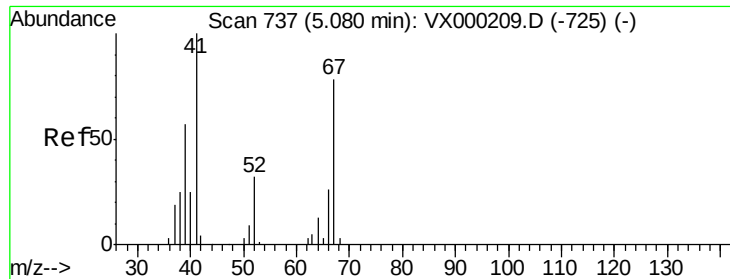
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#40
Benzene
Concen: 19.18 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.01 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Tgt Ion	78.00	Resp	109824
Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.4	29.2





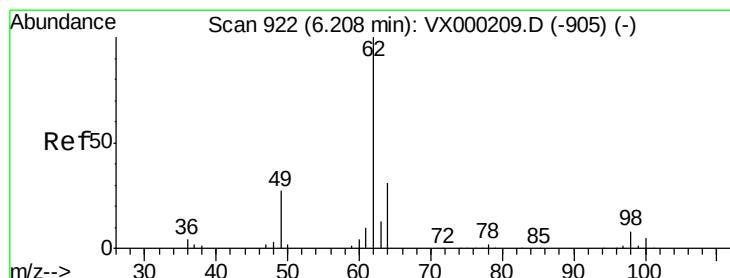
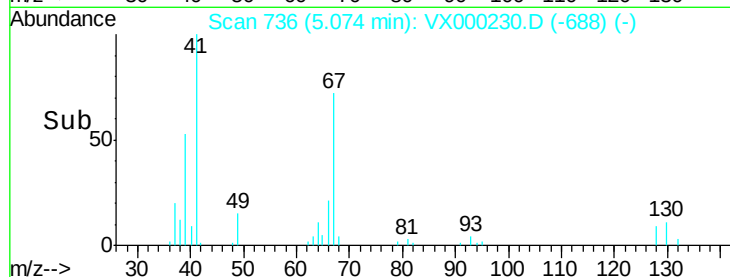
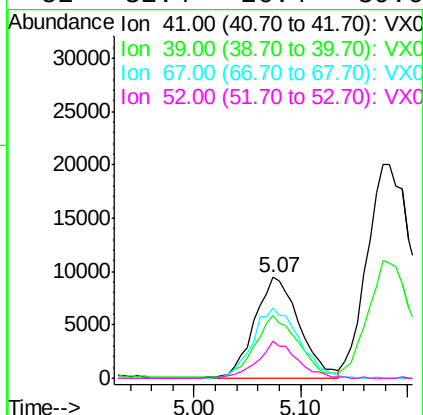
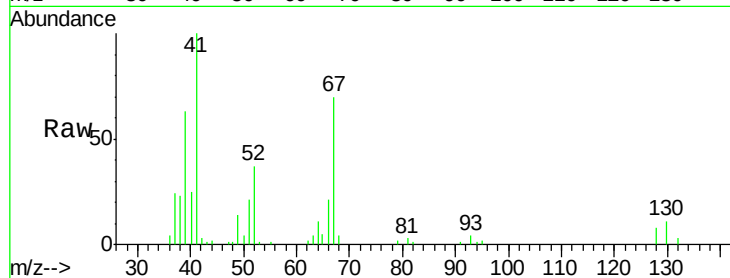
#41
Methacrylonitrile
Concen: 19.06 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.01 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	58.9	47.8	71.6	
67	71.8	59.3	88.9	
52	32.4	26.4	39.6	

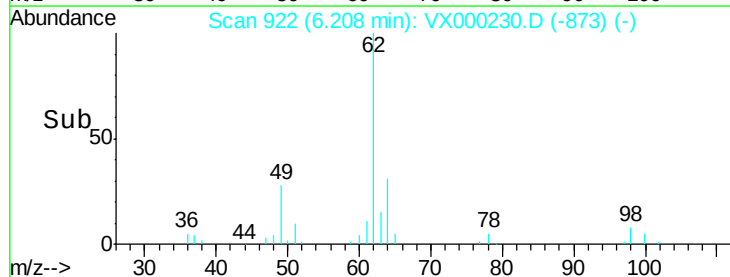
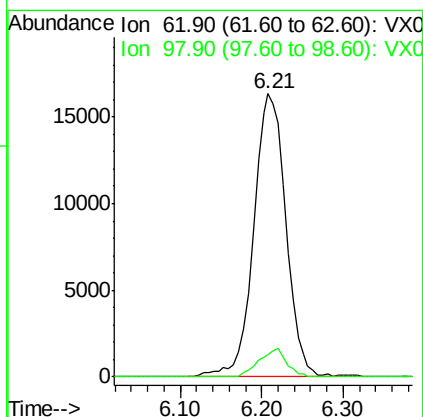
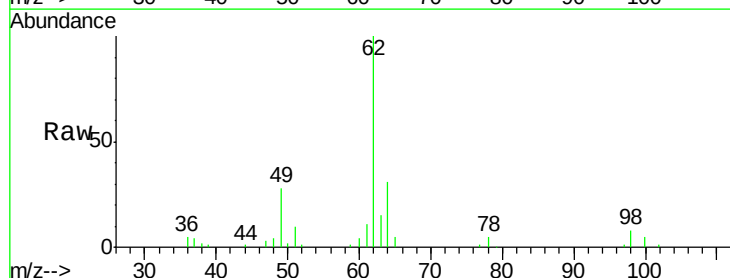
Manual Integrations
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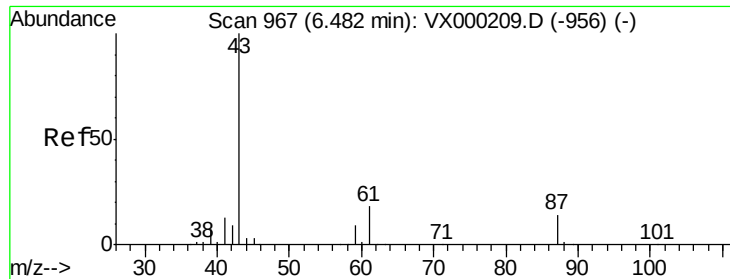
apatel
3/9/2018 9:38:36 AM



#42
1,2-Dichloroethane
Concen: 20.00 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.5	0.0	16.2	





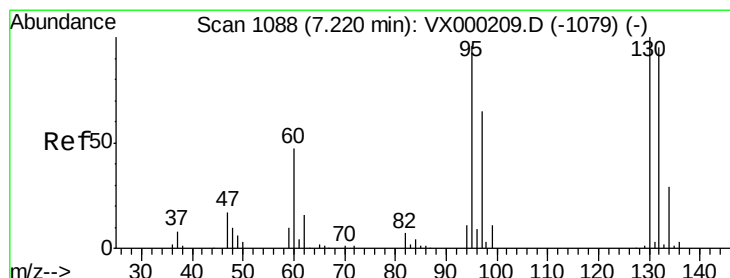
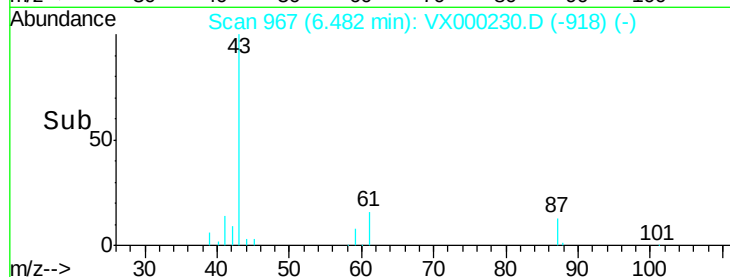
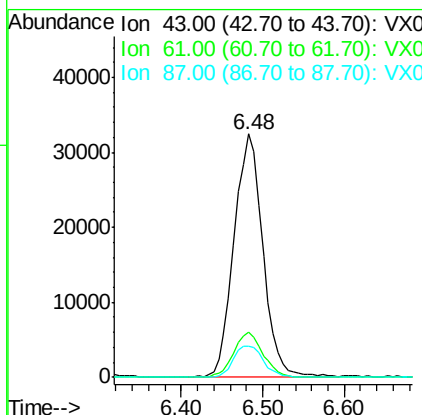
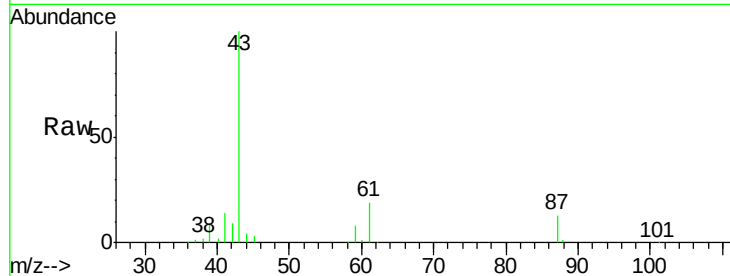
#43
Isopropyl Acetate
Concen: 19.19 ug/l
RT: 6.48 min Scan# 967
Delta R.T. 0.00 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.8	14.8	22.2
87	13.4	10.6	16.0

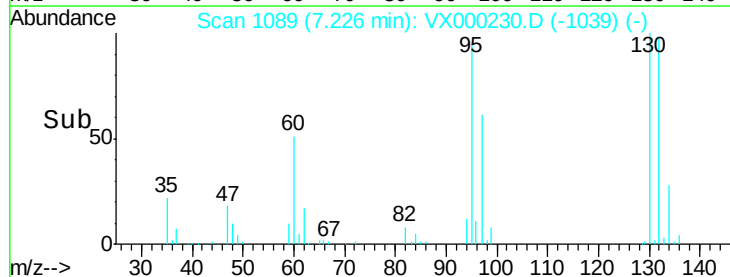
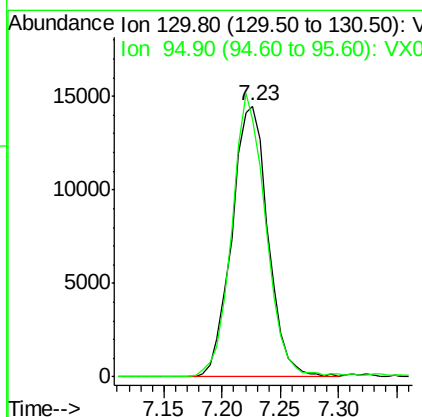
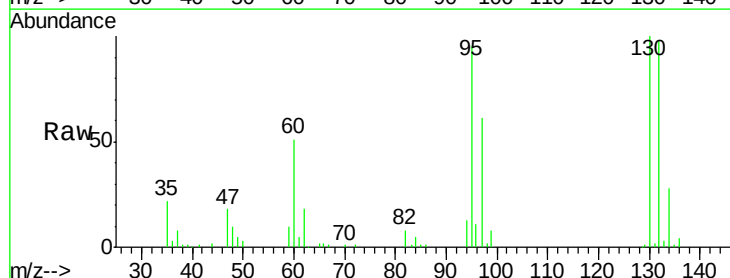
Manual Integrations
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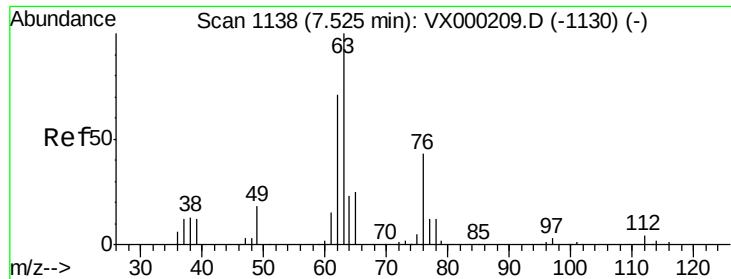
apatel
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#44
Trichloroethene
Concen: 19.13 ug/l
RT: 7.23 min Scan# 1089
Delta R.T. 0.01 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.4	0.0	191.8





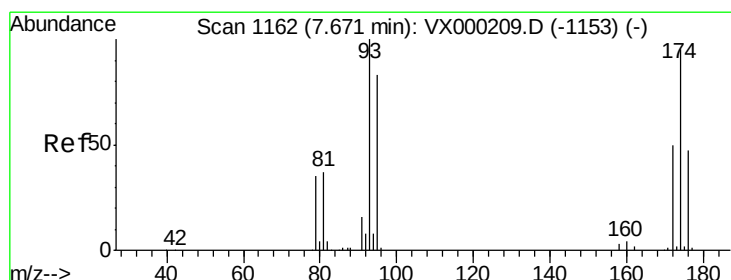
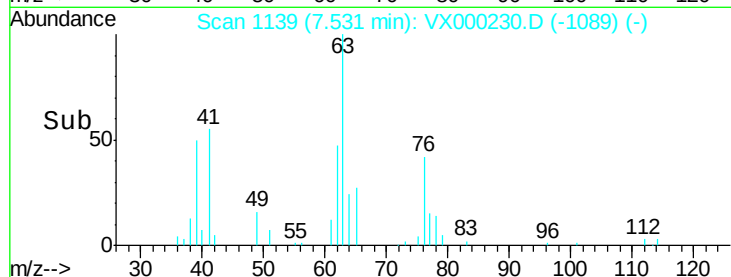
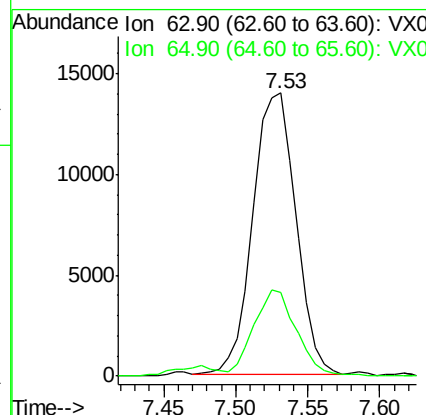
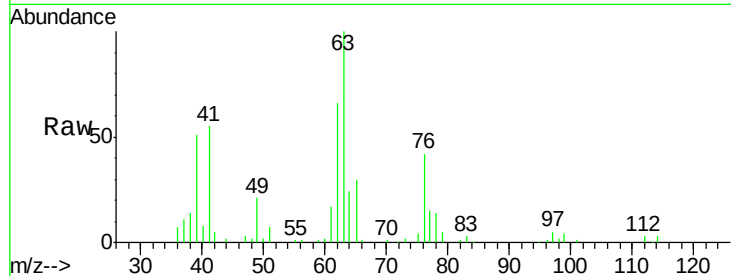
#45
 1,2-Dichloropropane
 Concen: 19.88 ug/l
 RT: 7.53 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VX000230.D
 Acq: 08 Mar 2018 19:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBSD02

Tot Ion: 63 Resp: 28825
 Ion Ratio Lower Upper
 63 100
 65 29.3 22.3 33.5

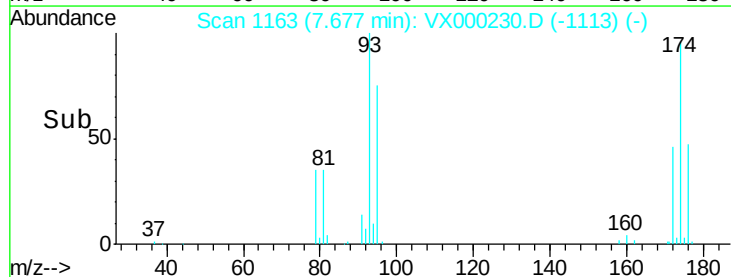
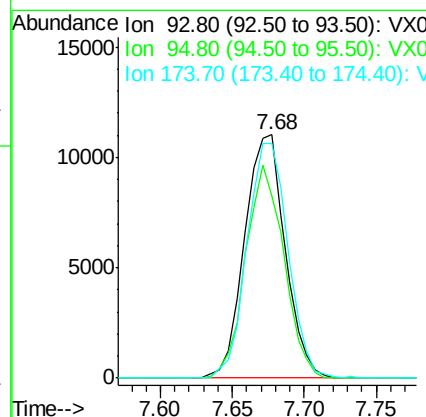
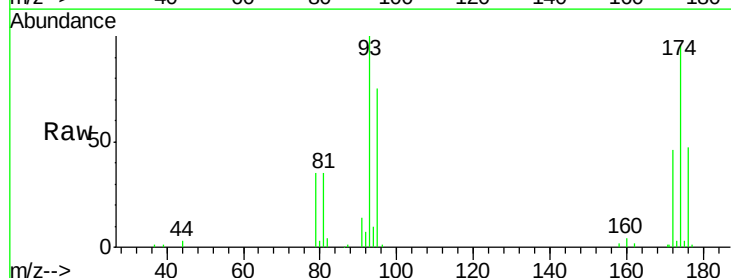
Manual Integrations
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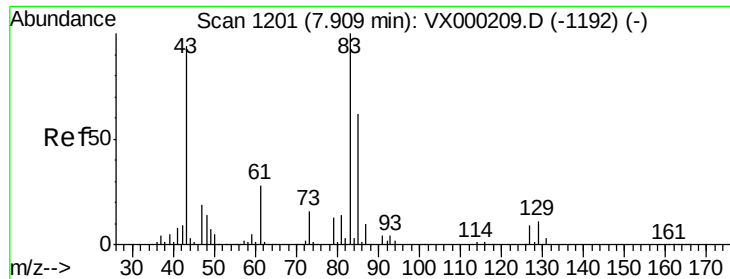
apatel
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#46
 Dibromomethane
 Concen: 18.75 ug/l
 RT: 7.68 min Scan# 1163
 Delta R.T. 0.01 min
 Lab File: VX000230.D
 Acq: 08 Mar 2018 19:45

Tgt Ion: 93 Resp: 21510
 Ion Ratio Lower Upper
 93 100
 95 82.7 64.1 96.1
 174 97.2 75.8 113.8





#47

Bromodichloromethane

Concen: 19.79 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

Instrument :

MSVOA_X

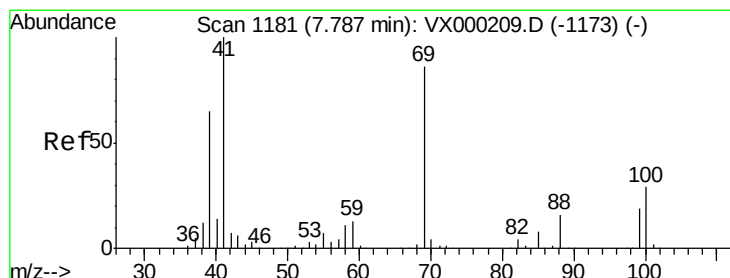
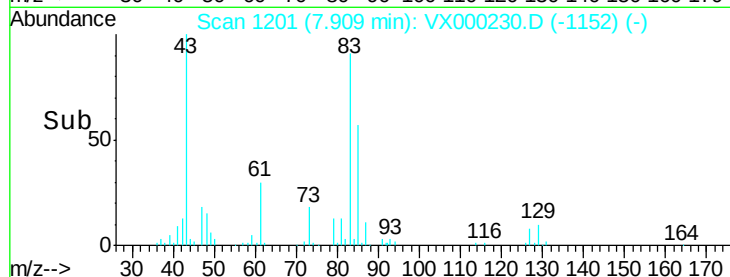
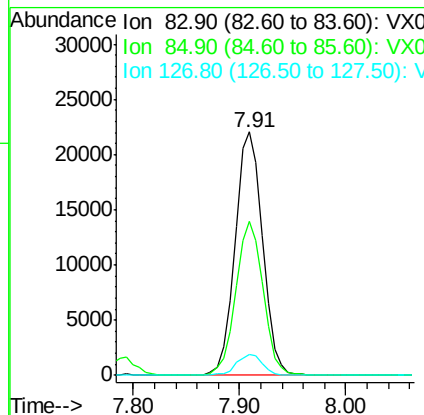
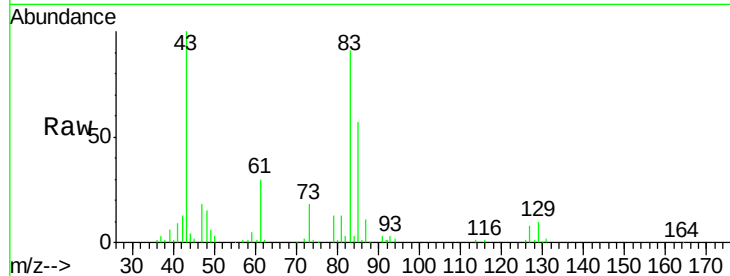
ClientSampleId :

VX0308WBSD02

Tot Ion:	83	Resp:	39934
Ion	Ratio	Lower	Upper
83	100		
85	63.0	49.6	74.4
127	8.5	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.92 ug/l

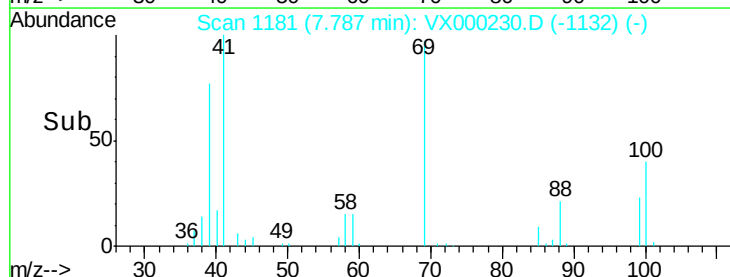
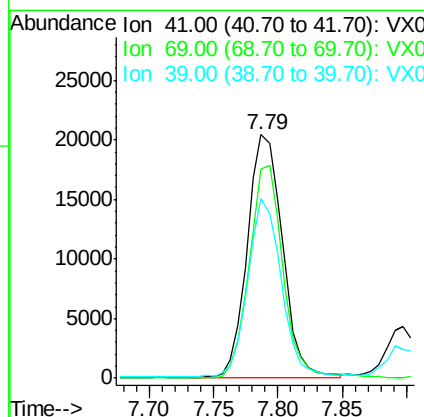
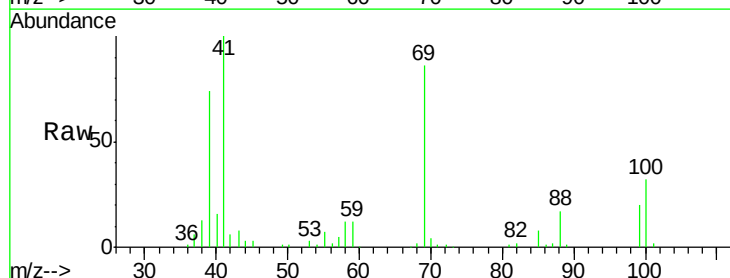
RT: 7.79 min Scan# 1181

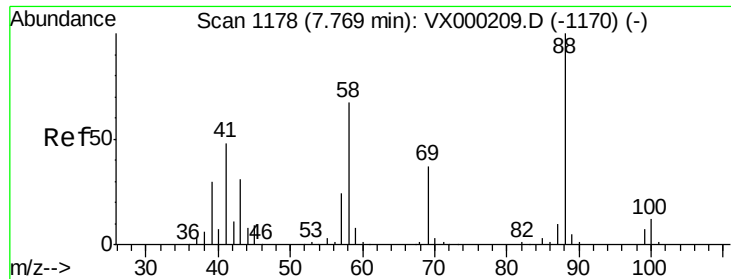
Delta R.T. 0.00 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

Tgt Ion:	41	Resp:	38661
Ion	Ratio	Lower	Upper
41	100		
69	84.3	70.0	105.0
39	68.8	53.6	80.4





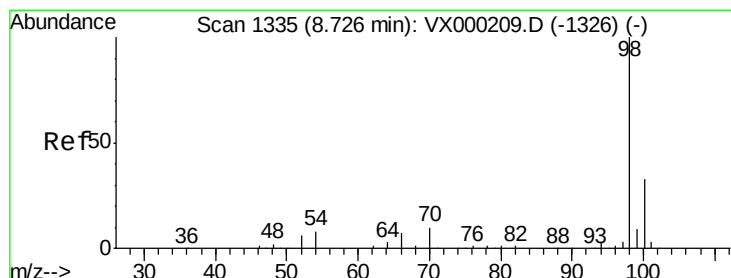
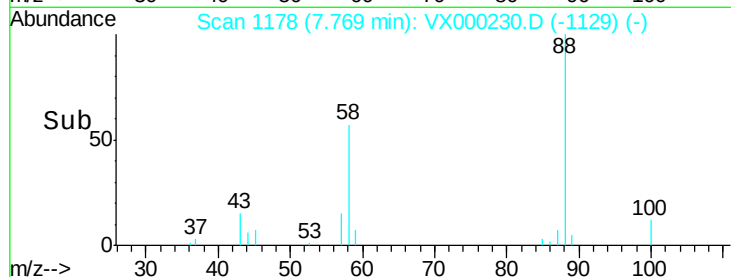
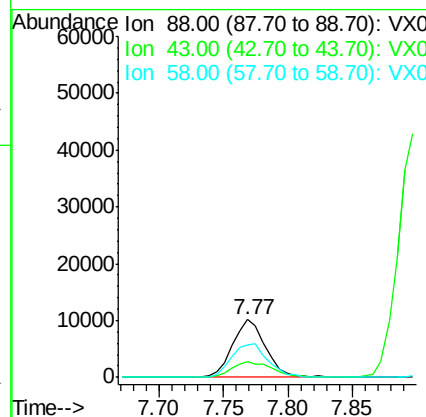
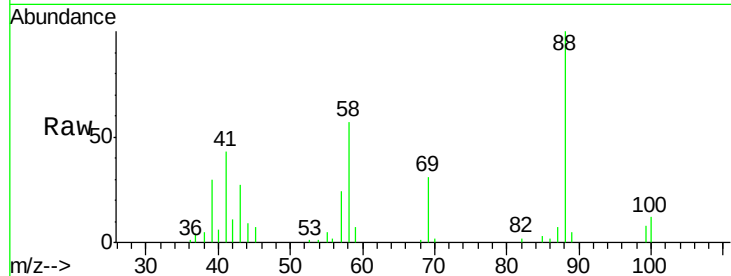
#49
 1,4-Dioxane
 Concen: 393.00 ug/l
 RT: 7.77 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: VX000230.D
 Acq: 08 Mar 2018 19:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.7	26.9	40.3
58	65.4	52.2	78.4

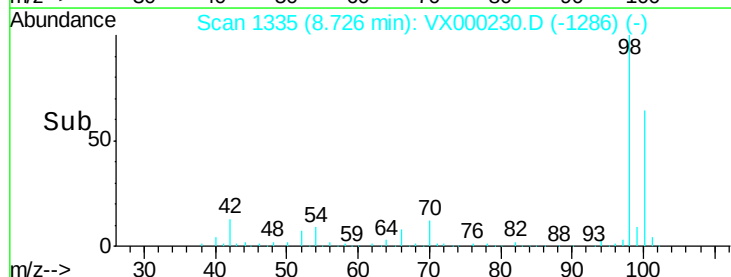
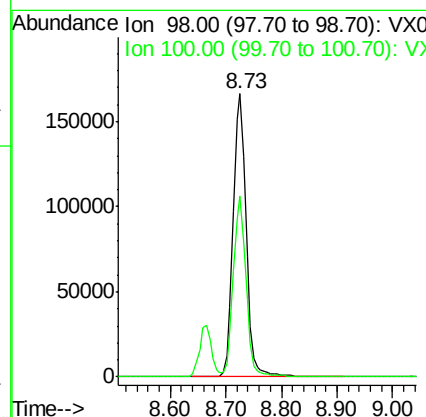
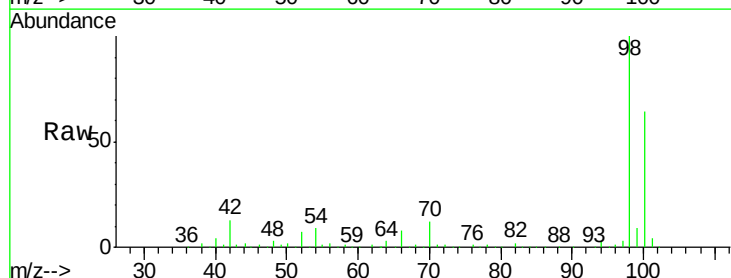
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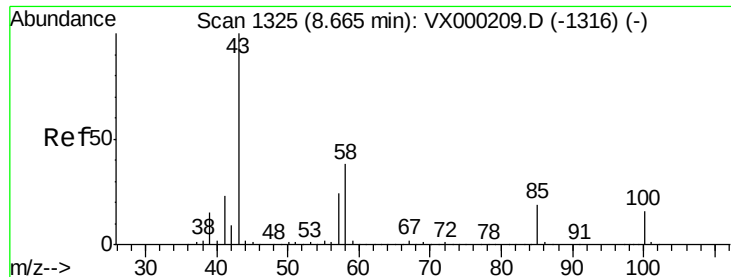
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#50
 Toluene-d8
 Concen: 46.87 ug/l
 RT: 8.73 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: VX000230.D
 Acq: 08 Mar 2018 19:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.1	51.2	76.8





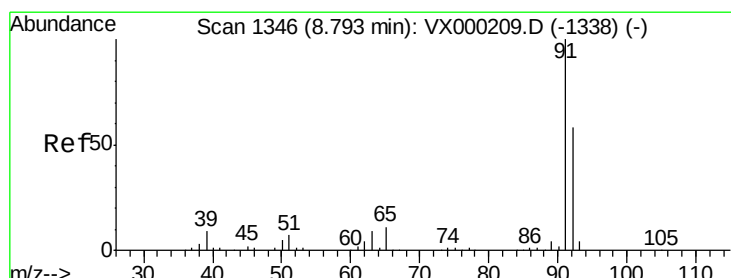
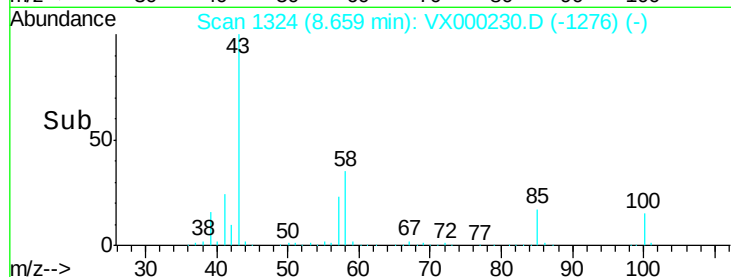
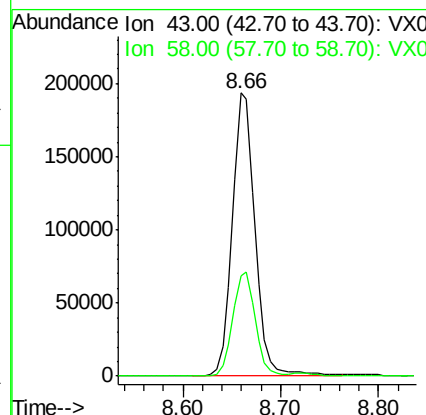
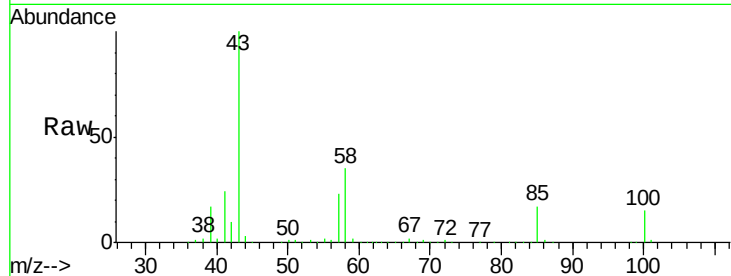
#51
4-Methyl-2-Pentanone
Concen: 100.10 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.01 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	36.2	30.2	45.2

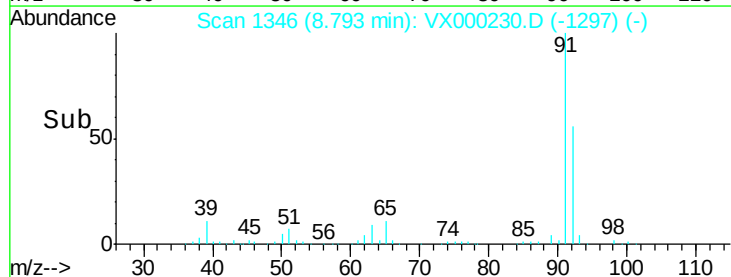
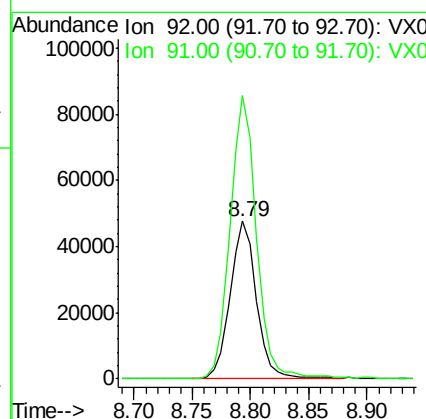
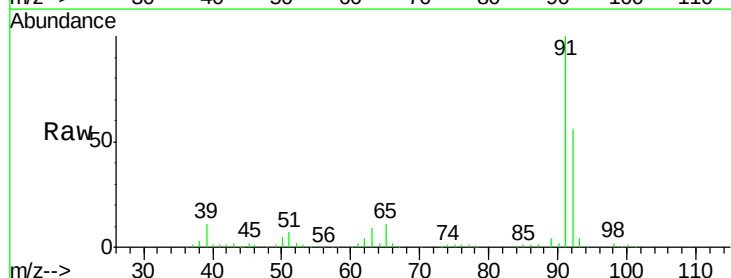
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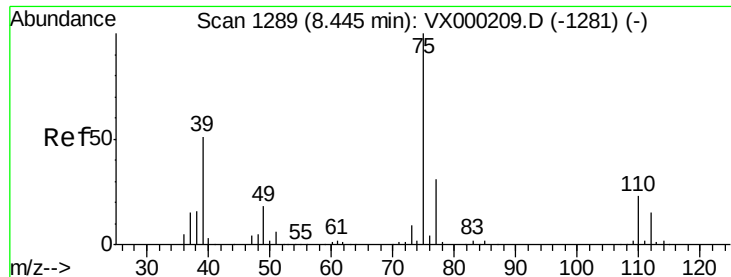
apatel
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#52
Toluene
Concen: 19.01 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Tgt Ion	Ratio	Lower	Upper
92	100		
91	180.9	139.0	208.6





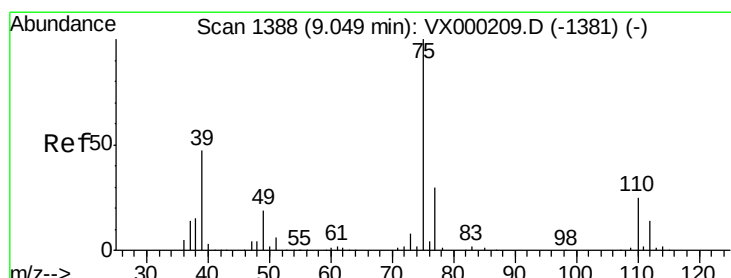
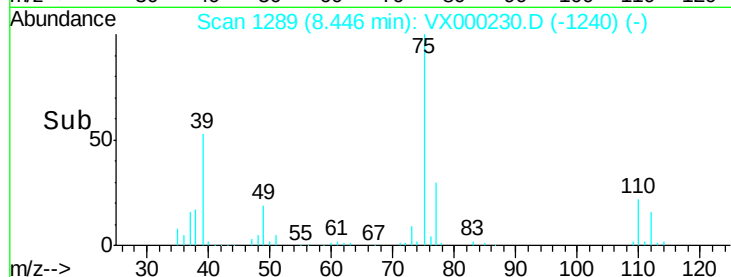
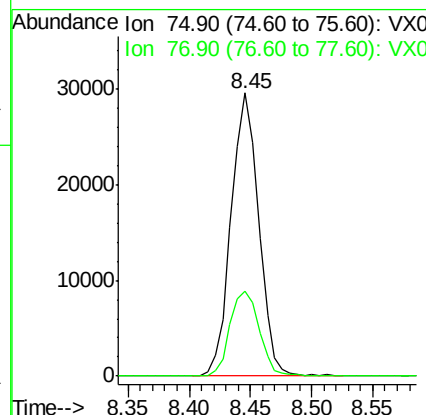
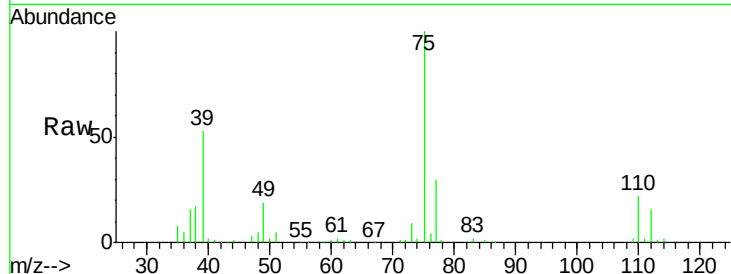
#53
t-1,3-Dichloropropene
Concen: 19.45 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD02

Tot Ion: 75 Resp: 46266
Ion Ratio Lower Upper
75 100
77 29.9 24.8 37.2

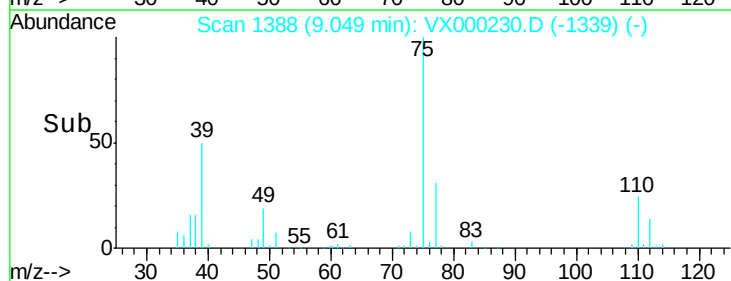
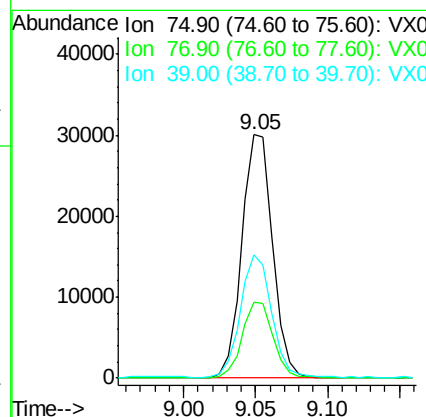
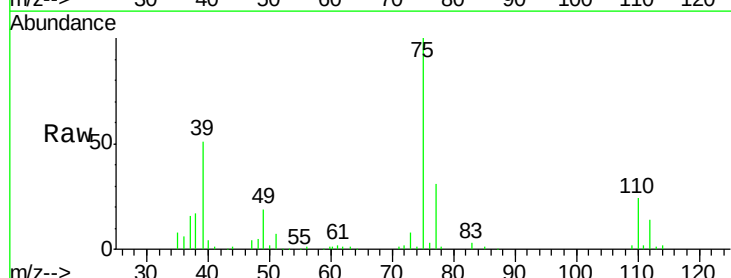
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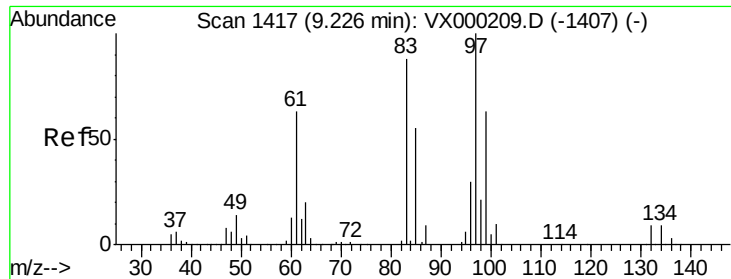
apatel
3/9/2018 9:38:36 AM



#54
cis-1,3-Dichloropropene
Concen: 19.32 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Tgt Ion: 75 Resp: 44455
Ion Ratio Lower Upper
75 100
77 31.4 23.9 35.9
39 50.6 37.4 56.2





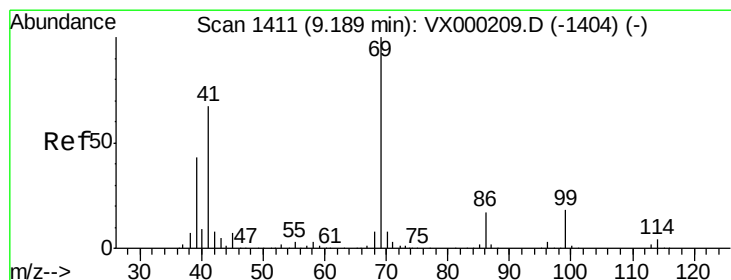
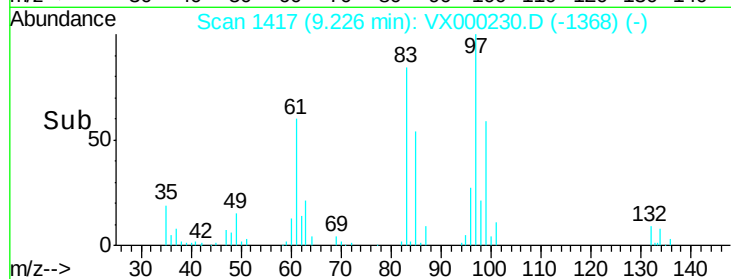
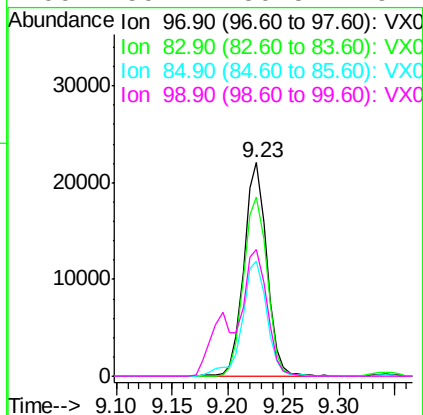
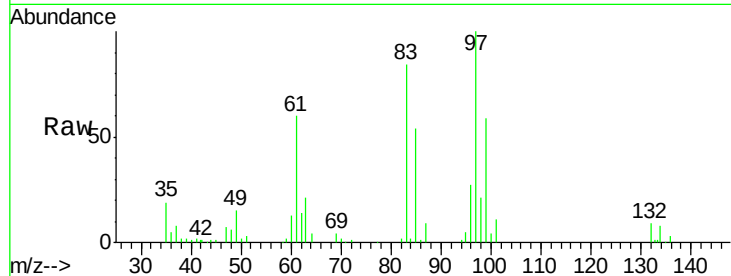
#55
 1,1,2-Trichloroethane
 Concen: 19.87 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000230.D
 Acq: 08 Mar 2018 19:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBSD02

Tot Ion:	97	Resp:	31587
Ion	Ratio	Lower	Upper
97	100		
83	83.9	70.4	105.6
85	54.0	43.9	65.9
99	59.2	50.5	75.7

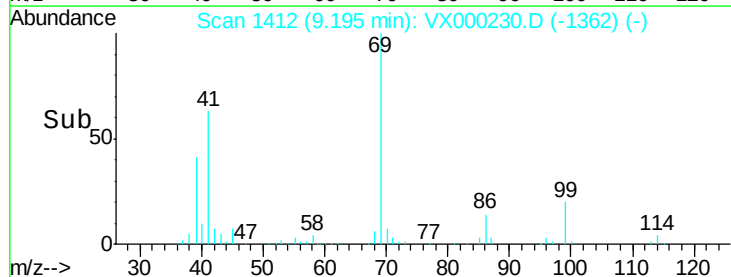
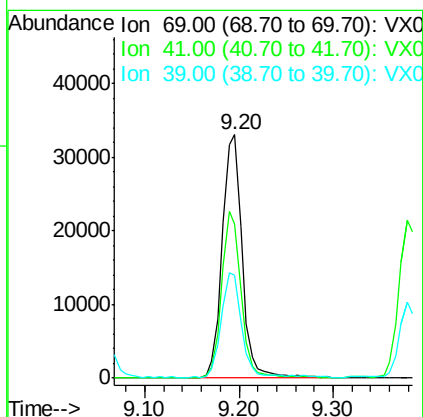
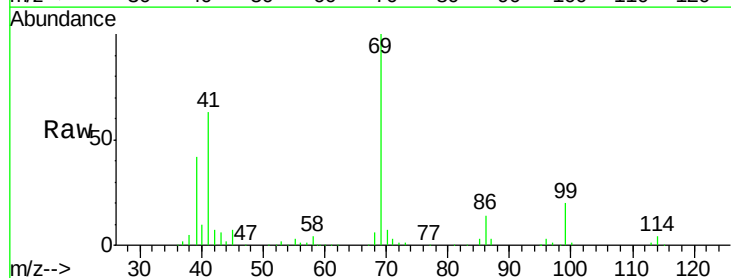
Manual Integrations
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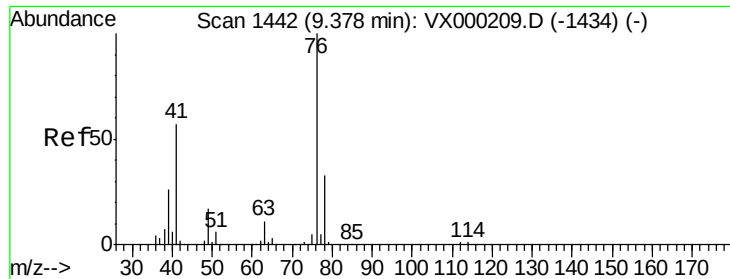
apatel
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#56
 Ethyl methacrylate
 Concen: 20.50 ug/l
 RT: 9.20 min Scan# 1412
 Delta R.T. 0.01 min
 Lab File: VX000230.D
 Acq: 08 Mar 2018 19:45

Tgt Ion:	69	Resp:	48773
Ion	Ratio	Lower	Upper
69	100		
41	65.8	52.2	78.2
39	44.7	34.3	51.5





#57

1,3-Dichloropropane

Concen: 19.80 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBSD02

Tot Ion: 76 Resp: 52859

Ion Ratio Lower Upper

76 100

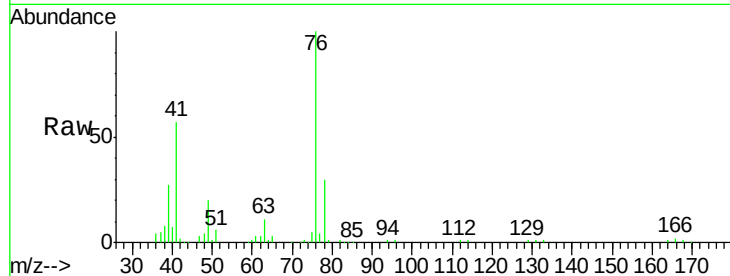
78 32.6 26.2 39.2

Manual Integrations

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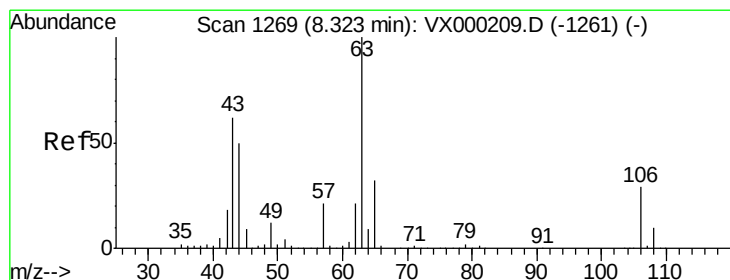
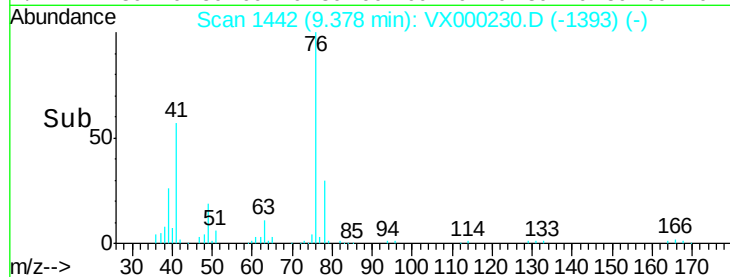
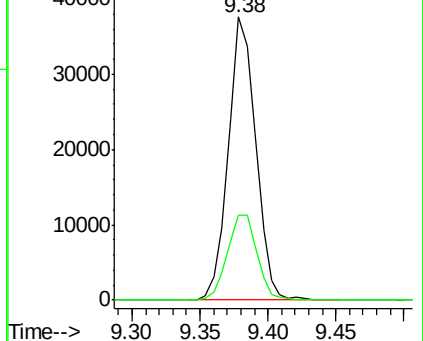
apatel

3/9/2018 9:38:36 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: 100.84 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX000230.D

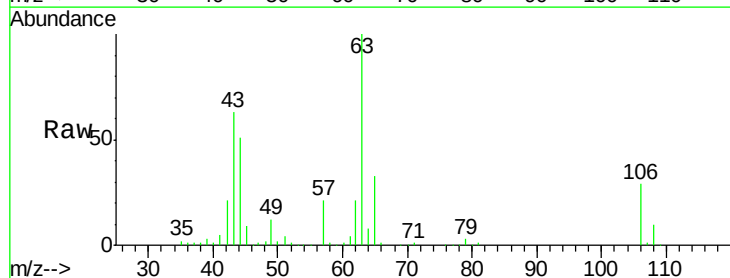
Acq: 08 Mar 2018 19:45

Tgt Ion: 63 Resp: 121110

Ion Ratio Lower Upper

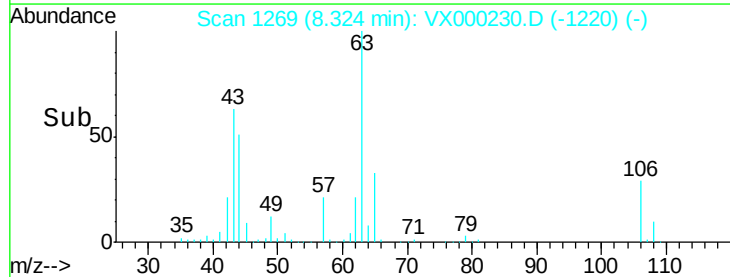
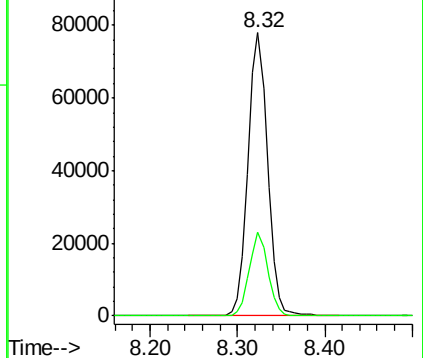
63 100

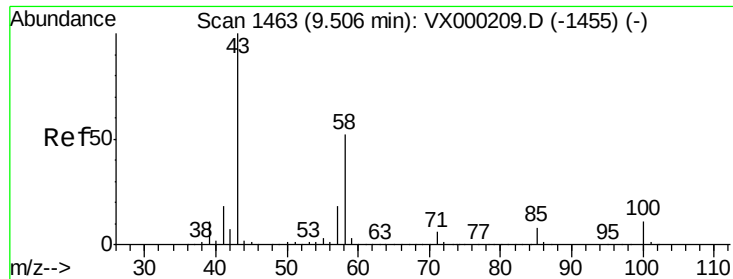
106 28.2 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





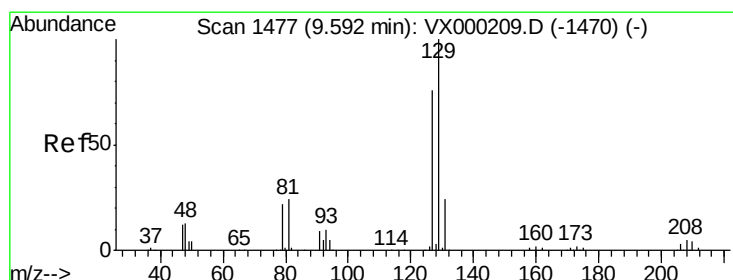
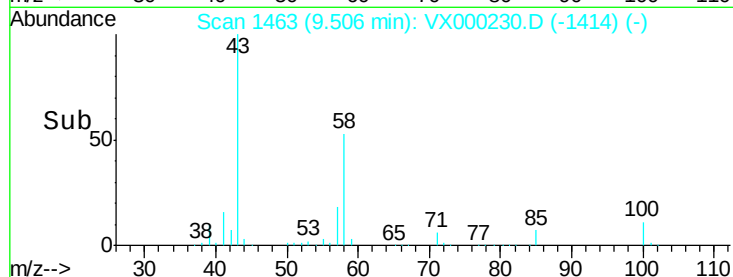
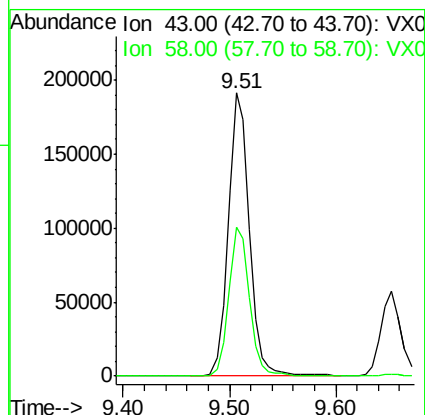
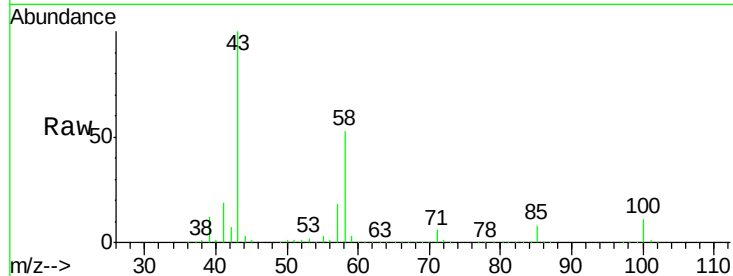
#59
2-Hexanone
Concen: 99.48 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD02

Tot Ion: 43 Resp: 265582
Ion Ratio Lower Upper
43 100
58 52.3 26.6 79.7

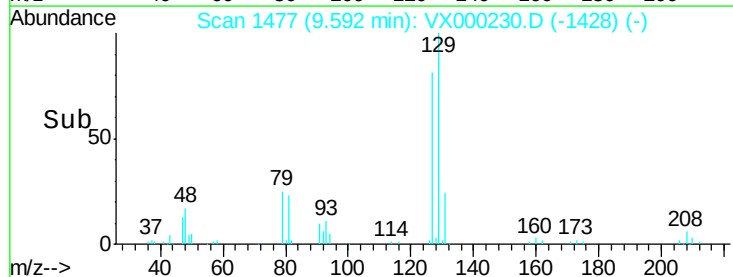
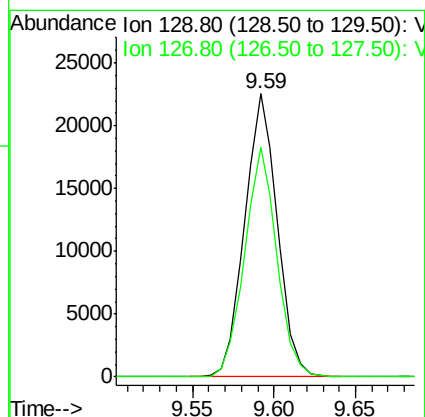
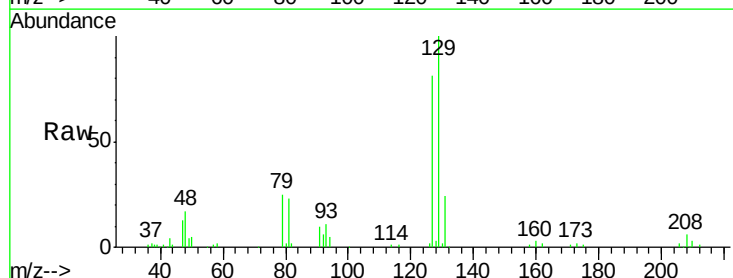
Manual Integrations
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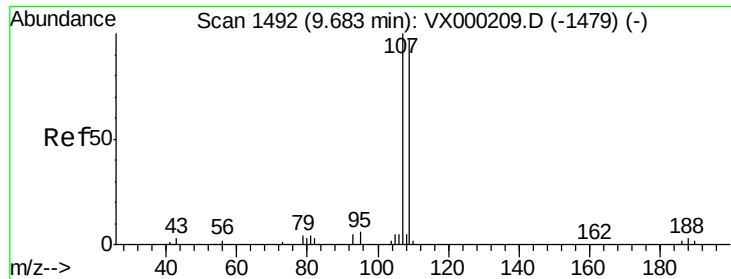
apatel
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#60
Dibromochloromethane
Concen: 18.72 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Tgt Ion: 129 Resp: 31372
Ion Ratio Lower Upper
129 100
127 80.0 39.1 117.2





#61

1,2-Dibromoethane

Concen: 19.33 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBSD02

Tot Ion:107 Resp: 34118

Ion Ratio Lower Upper

107 100

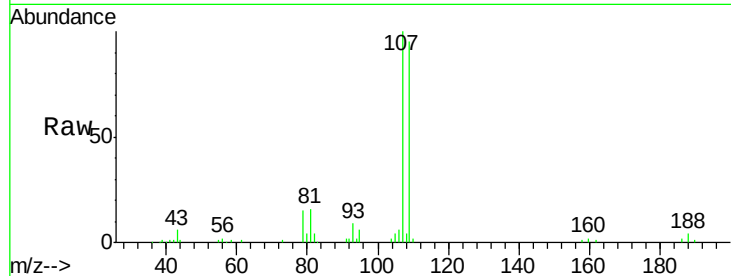
109 95.1 76.8 115.2

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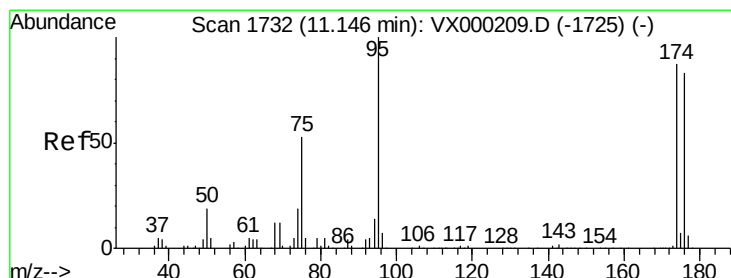
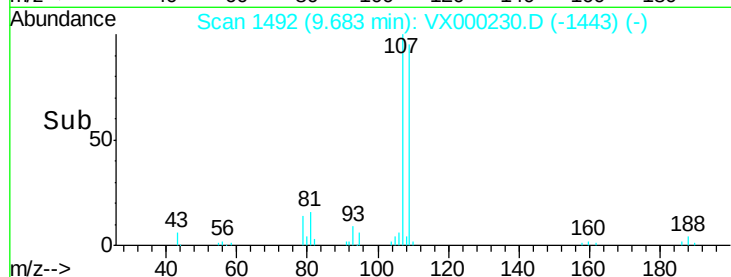
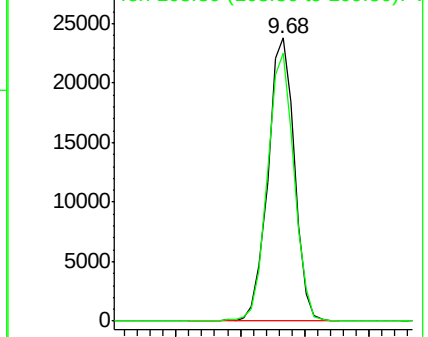
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.45 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

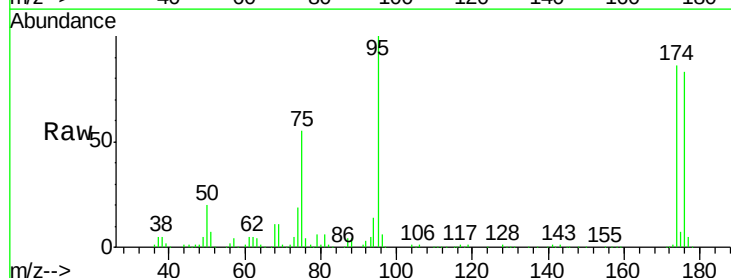
Tgt Ion: 95 Resp: 102984

Ion Ratio Lower Upper

95 100

174 85.6 0.0 175.6

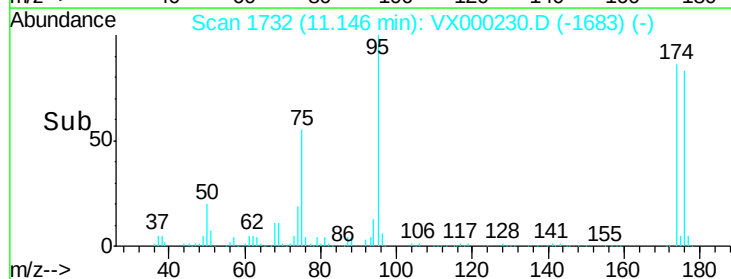
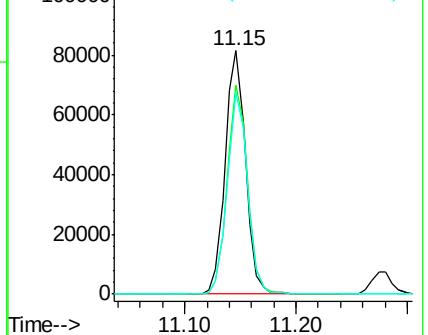
176 82.5 0.0 171.0

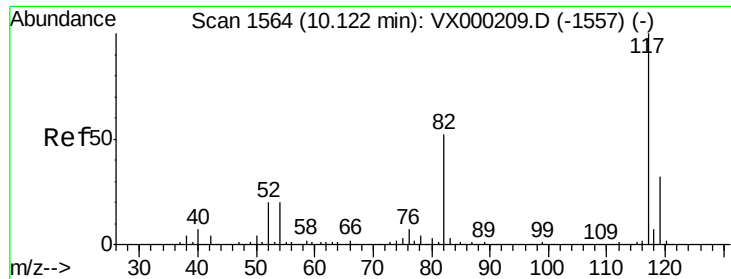


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





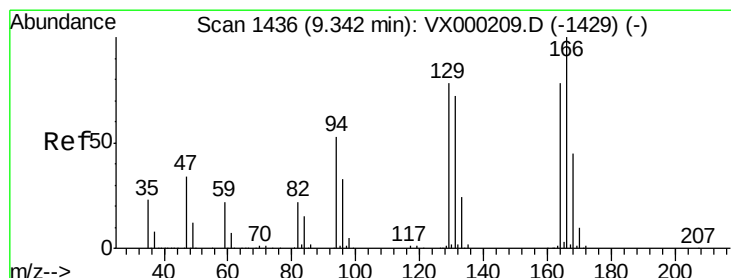
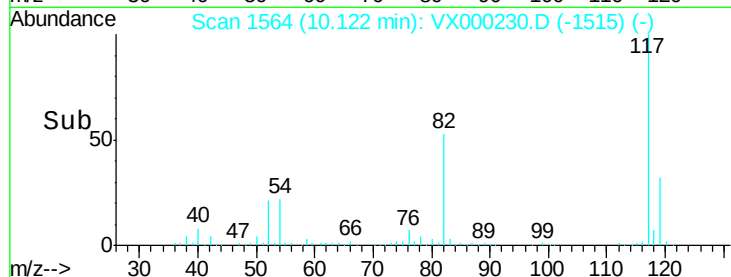
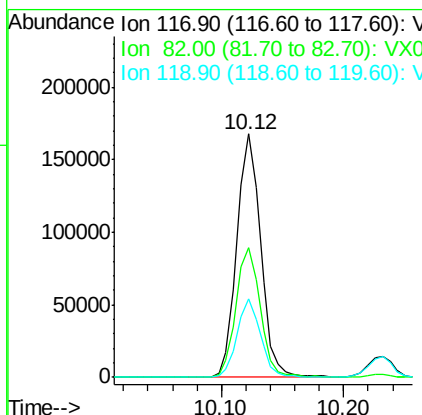
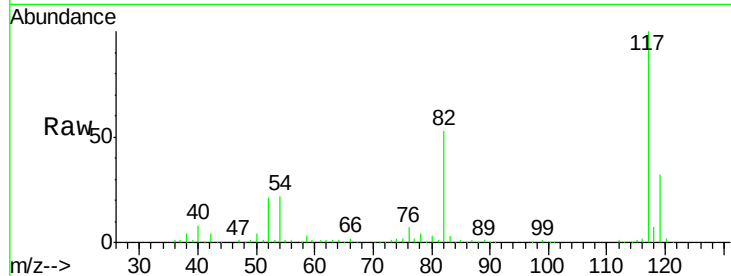
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.0	63.0
119	32.3	25.3	37.9

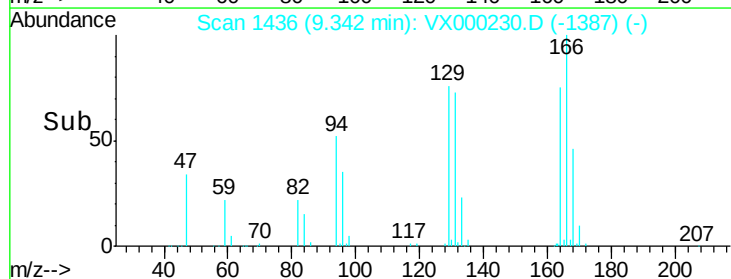
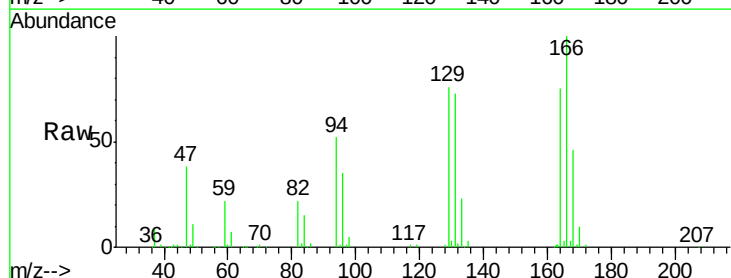
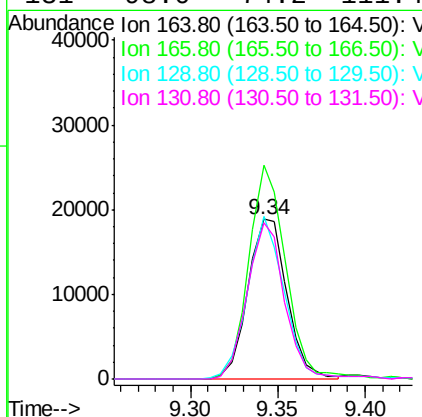
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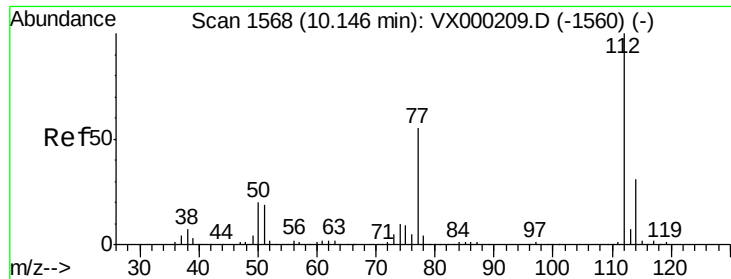
apatel
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#64
Tetrachloroethene
Concen: 18.40 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.9	103.0	154.6
129	102.3	80.2	120.4
131	98.0	74.2	111.4





#65

Chlorobenzene

Concen: 19.48 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

Instrument :

MSVOA_X

ClientSampled :

VX0308WBSD02

Tot Ion:112 Resp: 89376

Ion Ratio Lower Upper

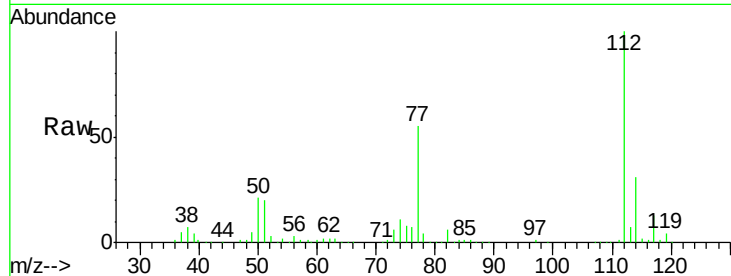
112 100

114 30.9 25.0 37.4

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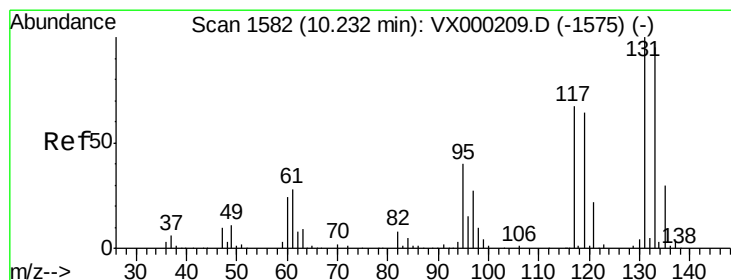
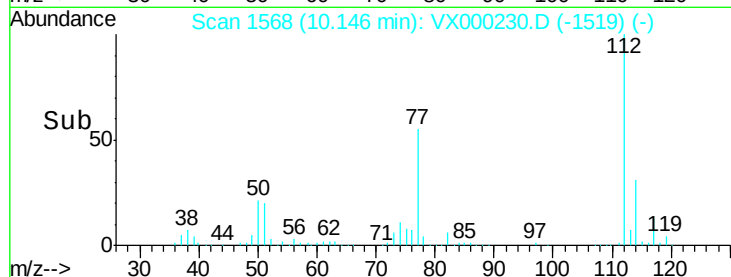
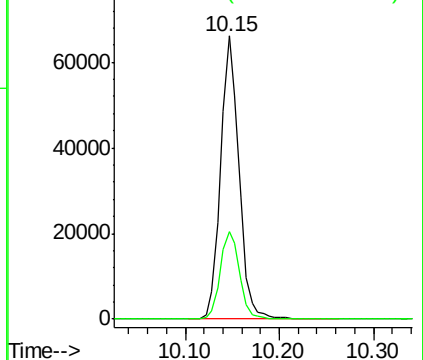
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.75 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. 0.00 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

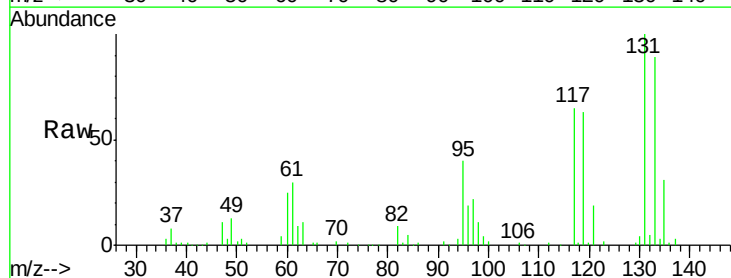
Tgt Ion:131 Resp: 30978

Ion Ratio Lower Upper

131 100

133 94.1 48.3 144.9

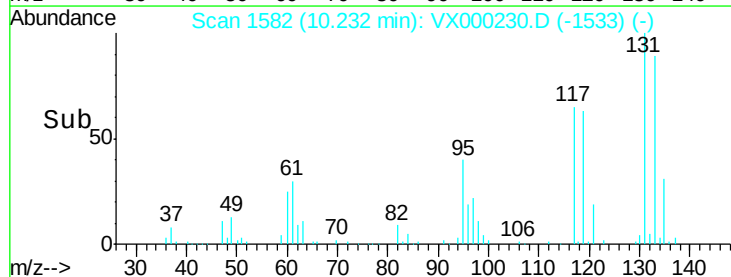
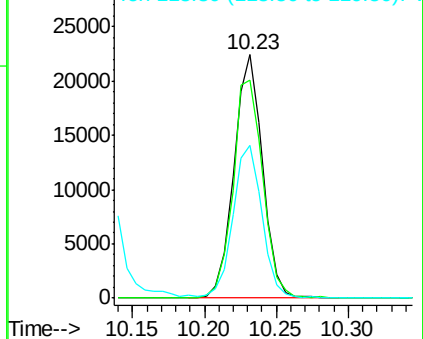
119 64.3 32.3 96.8

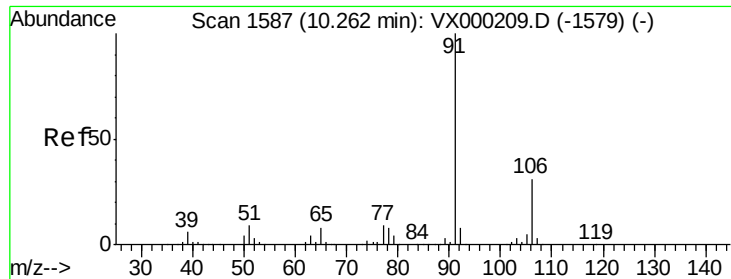


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.18 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. 0.00 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBSD02

Tot Ion: 91 Resp: 153572

Ion Ratio Lower Upper

91 100

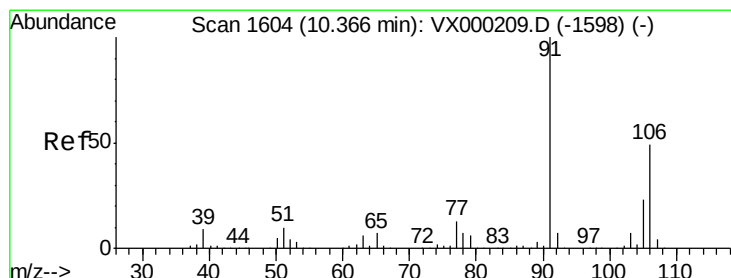
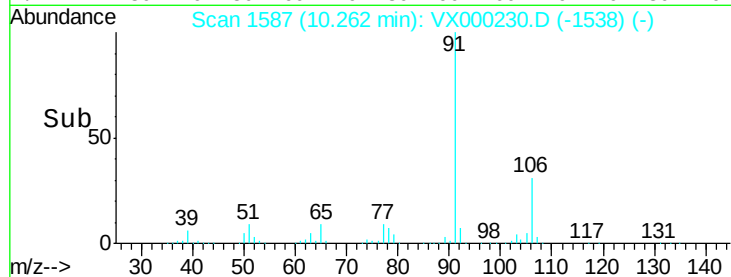
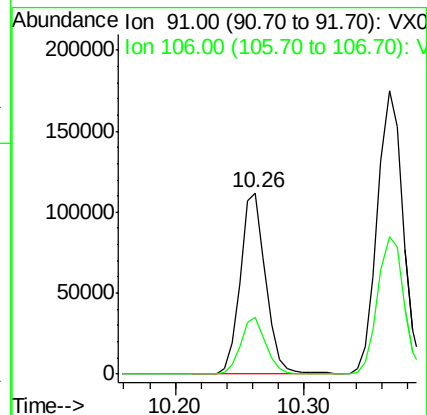
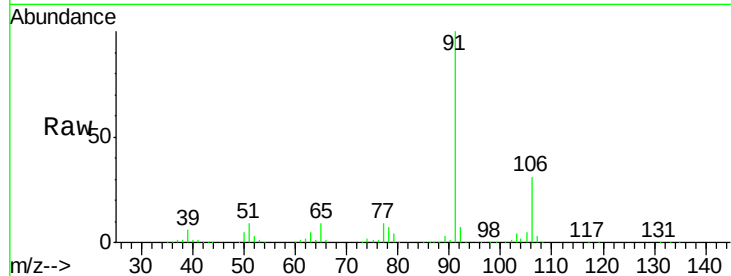
106 31.3 25.2 37.8

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#68

m/p-Xylenes

Concen: 38.81 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX000230.D

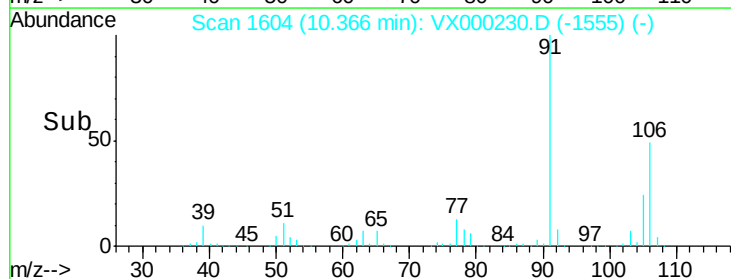
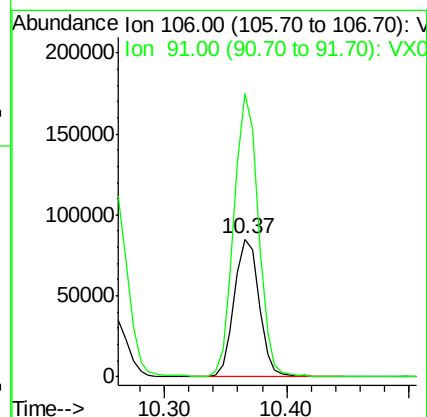
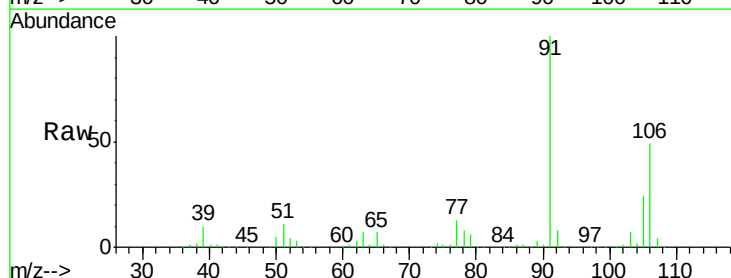
Acq: 08 Mar 2018 19:45

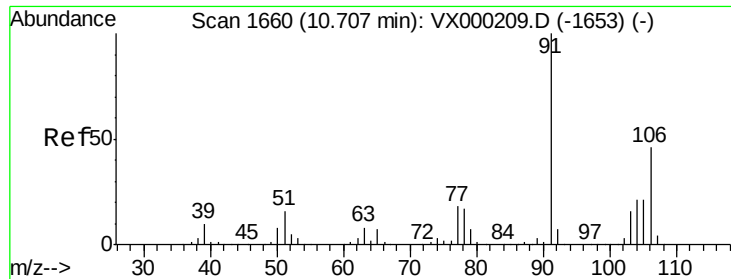
Tgt Ion: 106 Resp: 119613

Ion Ratio Lower Upper

106 100

91 202.4 160.9 241.3





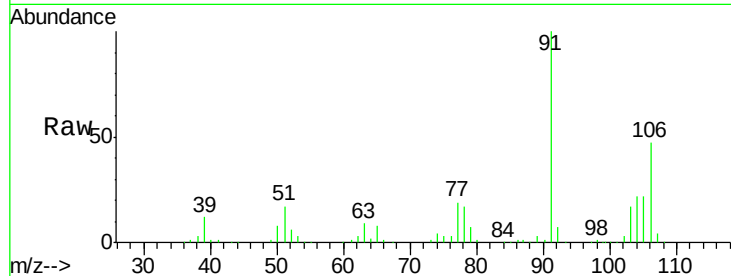
#69
o-Xylene
Concen: 19.18 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Instrument :
MSVOA_X
ClientSampled :
VX0308WBSD02

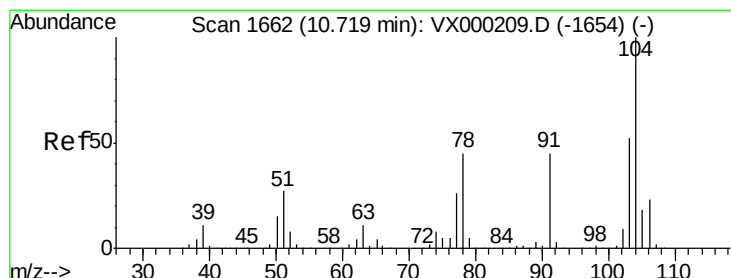
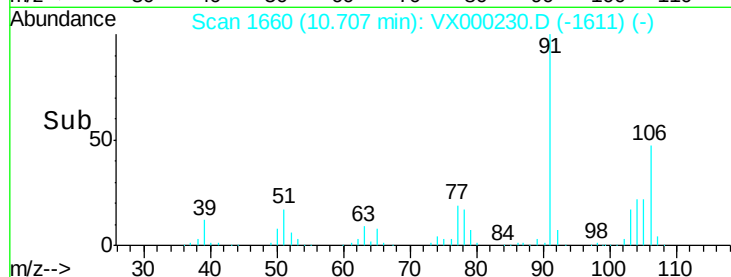
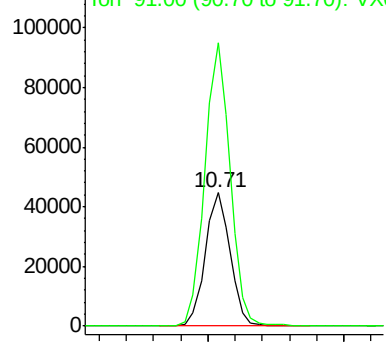
Tot Ion:106 Resp: 56806
Ion Ratio Lower Upper
106 100
91 216.0 105.9 317.7

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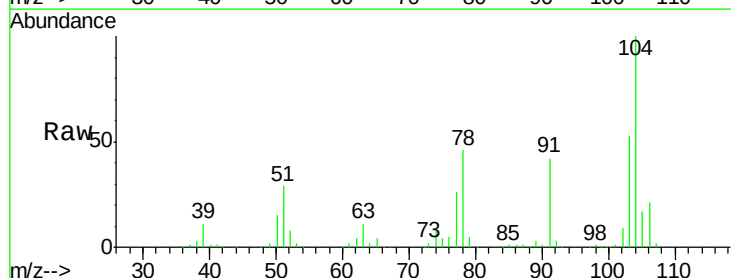


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

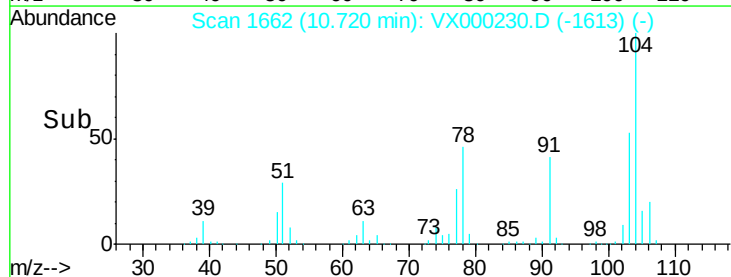
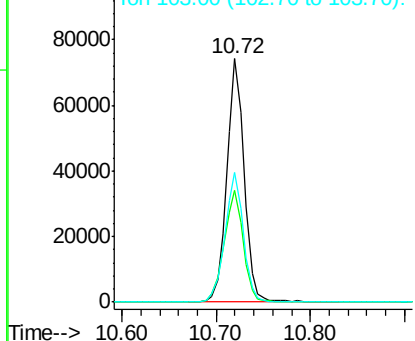


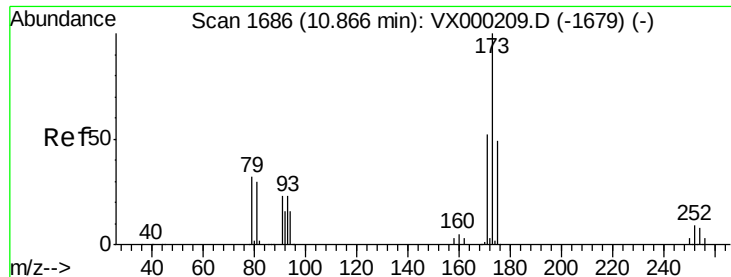
#70
Styrene
Concen: 19.26 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Tgt Ion:104 Resp: 94638
Ion Ratio Lower Upper
104 100
78 50.7 39.6 59.4
103 56.7 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





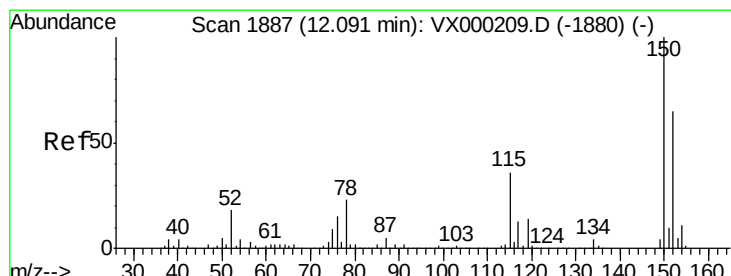
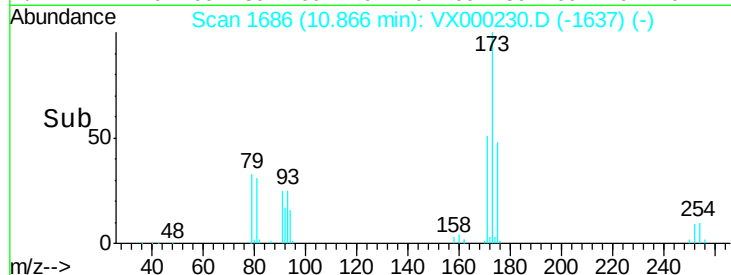
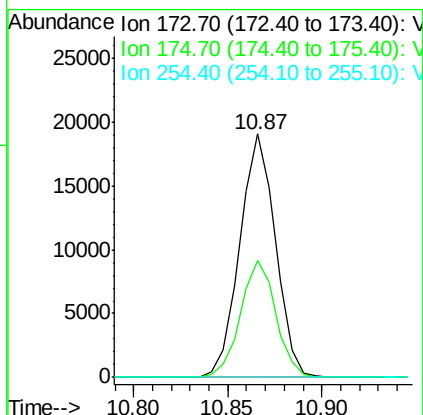
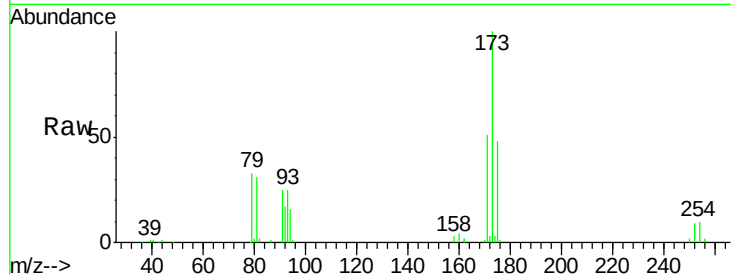
#71
Bromoform
Concen: 17.76 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Instrument :
MSVOA_X
ClientSampled :
VX0308WBSD02

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.6	24.4	73.2
254	0.0	0.2	0.2

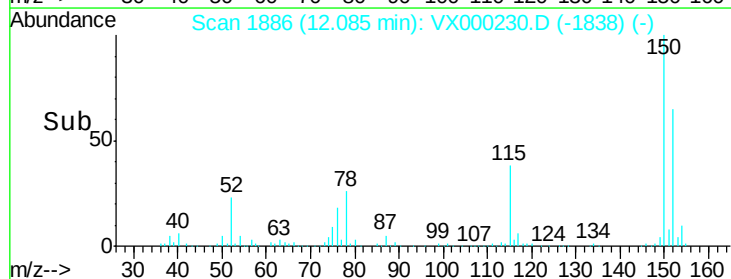
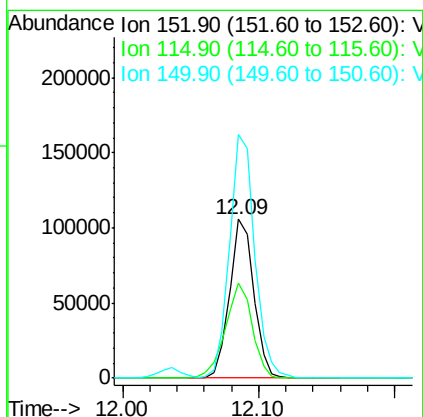
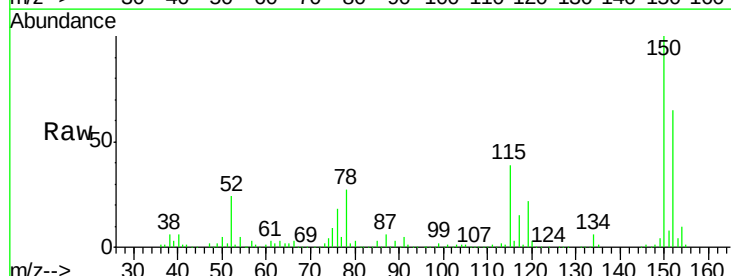
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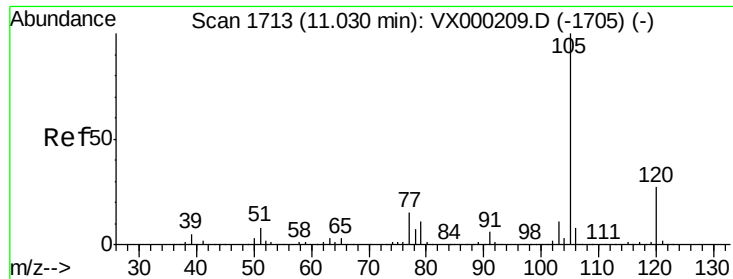
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.01 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.4	39.8	119.3
150	160.5	0.0	345.0





#73

Isopropylbenzene

Concen: 19.36 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

Instrument :

MSVOA_X

ClientSampled :

VX0308WBSD02

Tot Ion: 105 Resp: 157814

Ion Ratio Lower Upper

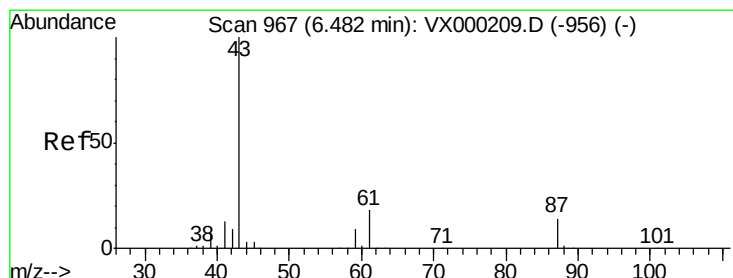
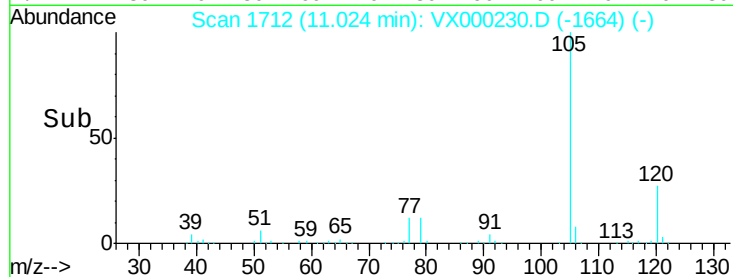
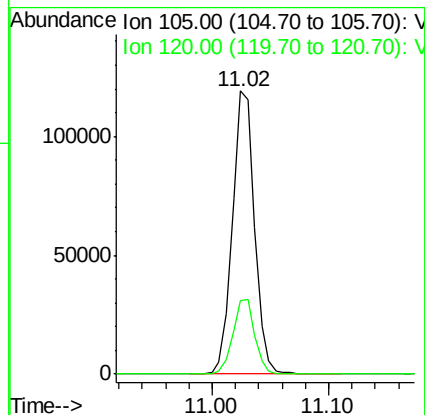
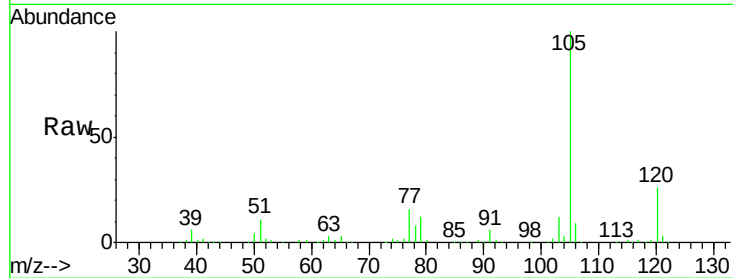
105 100

120 26.1 13.5 40.4

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#74

N-ethyl acetate

Concen: 19.09 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.00 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

Tgt Ion: 43 Resp: 79601

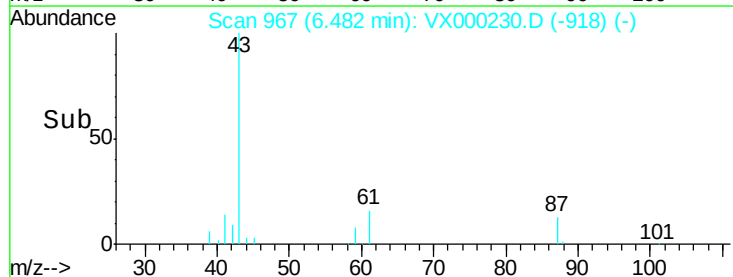
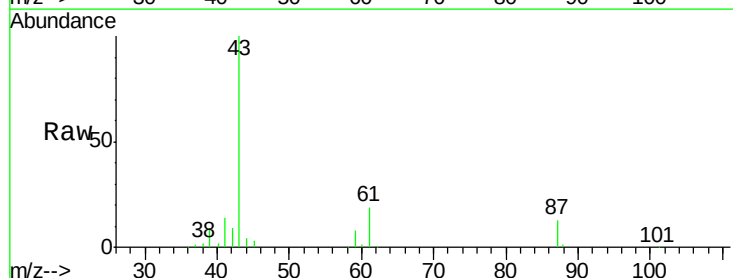
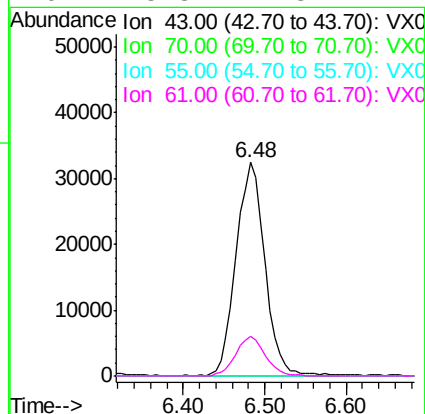
Ion Ratio Lower Upper

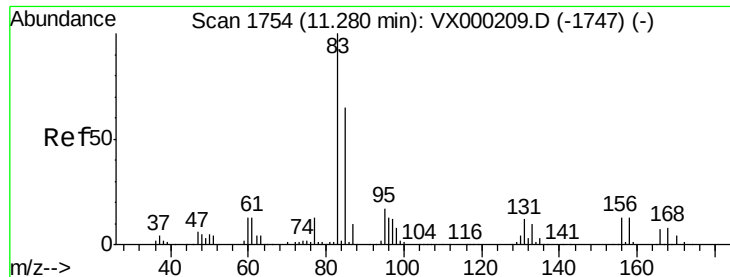
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 18.8 14.8 22.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.75 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

Instrument :

MSVOA_X

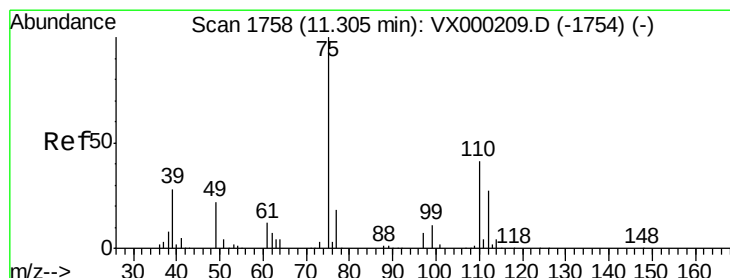
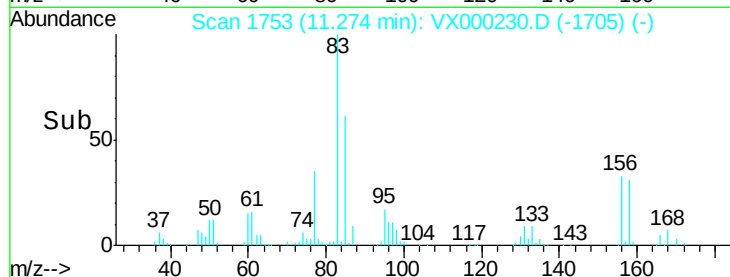
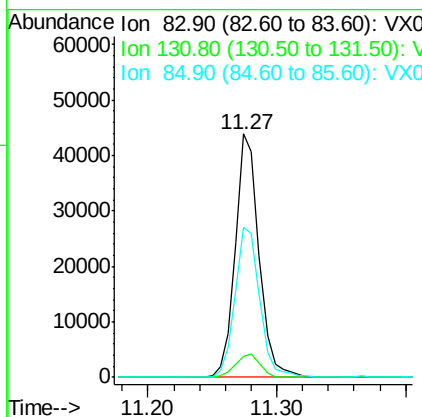
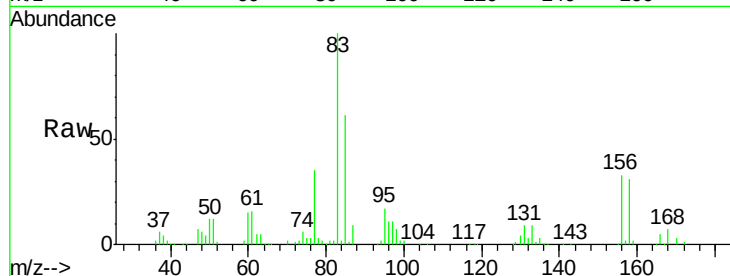
ClientSampled :

VX0308WBSD02

Tot Ion:	83	Resp:	56437
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.5	16.5
85	64.2	32.5	97.4

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#76

1,2,3-Trichloropropane

Concen: 19.79 ug/l m

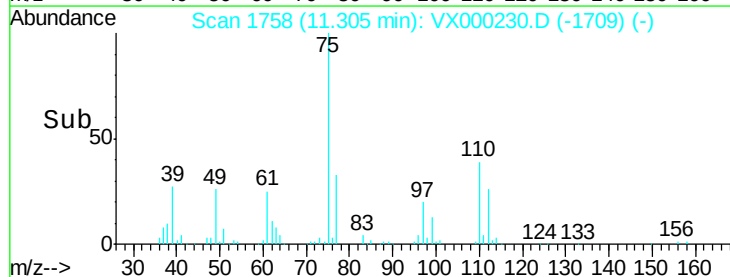
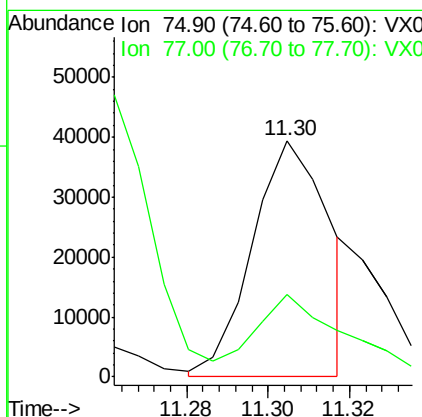
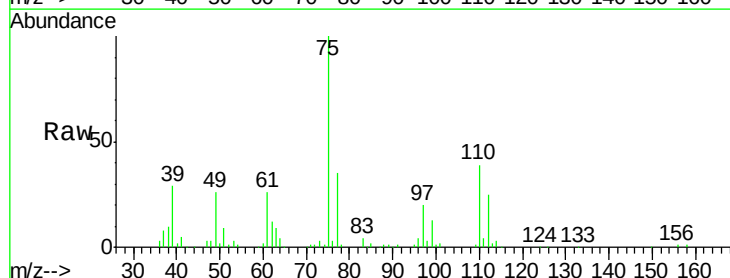
RT: 11.30 min Scan# 1758

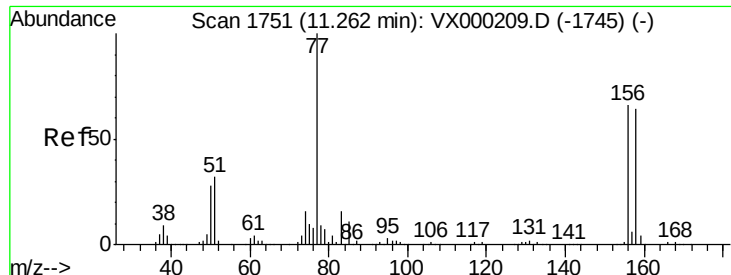
Delta R.T. 0.00 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

Tgt Ion:	75	Resp:	51657
Ion Ratio	Lower	Upper	
75	100		
77	40.9	22.3	66.8





#77

Bromobenzene

Concen: 18.75 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

Instrument :

MSVOA_X

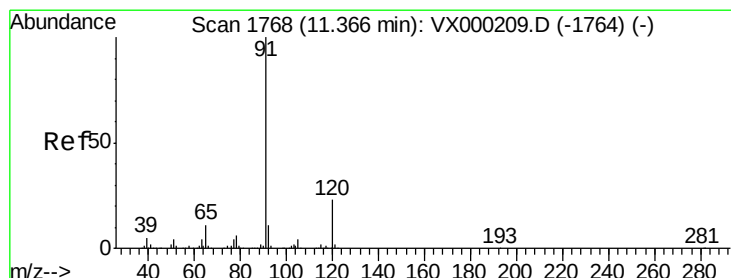
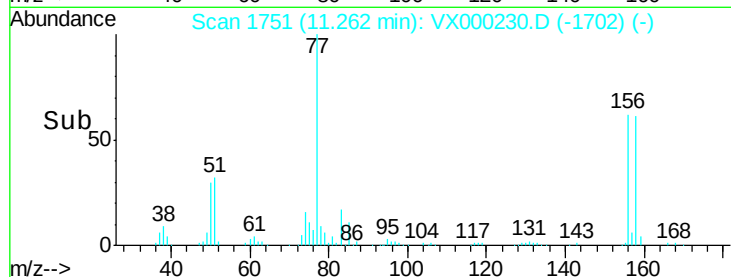
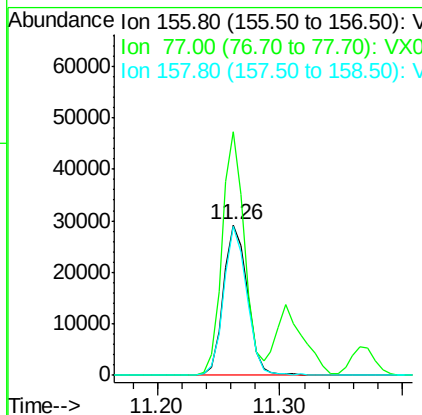
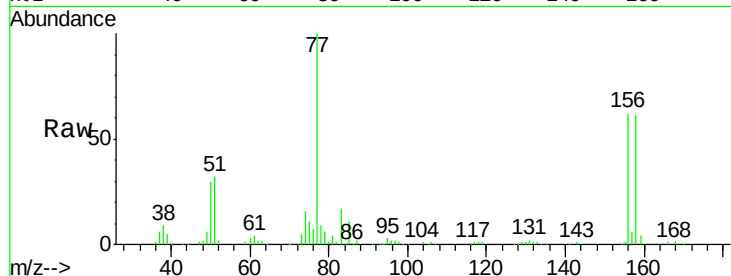
ClientSampleId :

VX0308WBSD02

Tot Ion:	156	Resp:	39512
Ion Ratio	Lower	Upper	
156	100		
77	151.6	71.9	215.7
158	96.0	48.0	144.2

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#78

n-propylbenzene

Concen: 19.07 ug/l

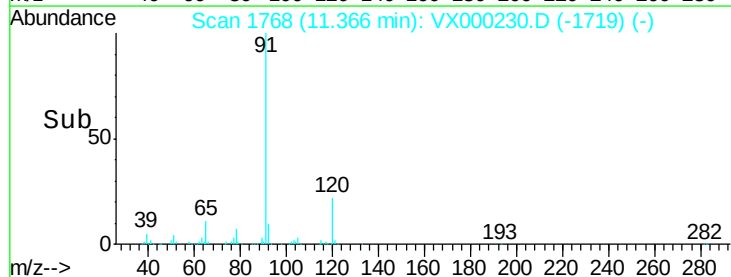
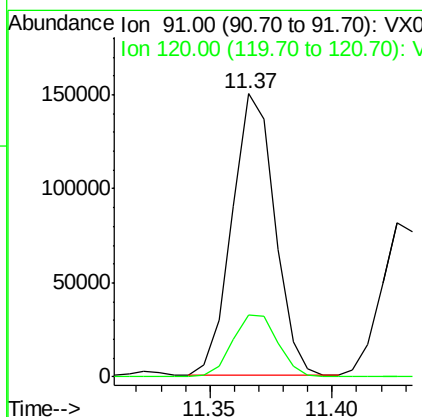
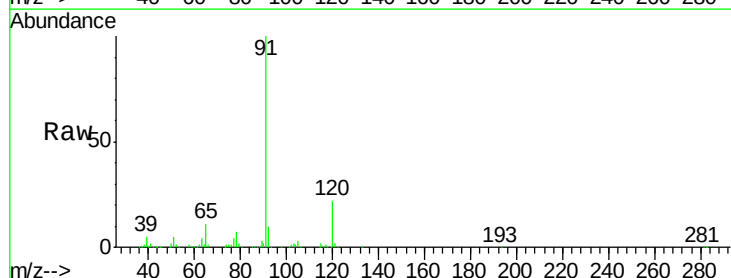
RT: 11.37 min Scan# 1768

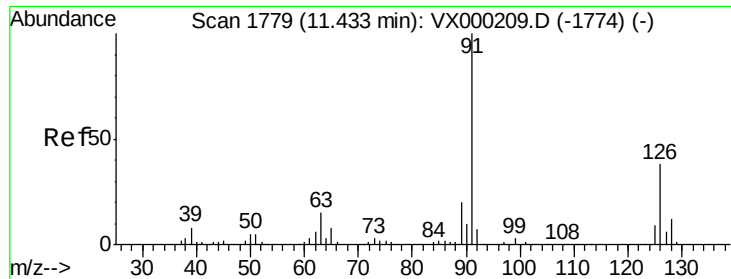
Delta R.T. 0.00 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

Tgt Ion:	91	Resp:	182967
Ion Ratio	Lower	Upper	
91	100		
120	23.5	12.2	36.4





#79

2-Chlorotoluene

Concen: 19.45 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBSD02

Tot Ion: 91 Resp: 105241

Ion Ratio Lower Upper

91 100

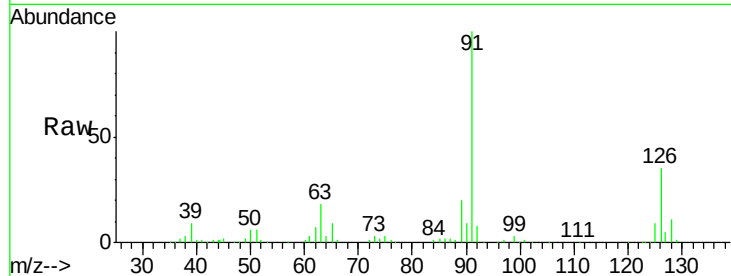
126 36.2 18.4 55.2

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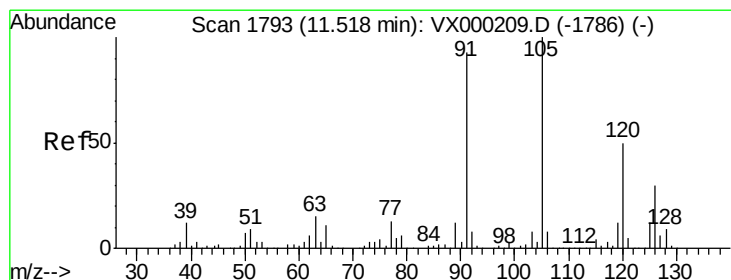
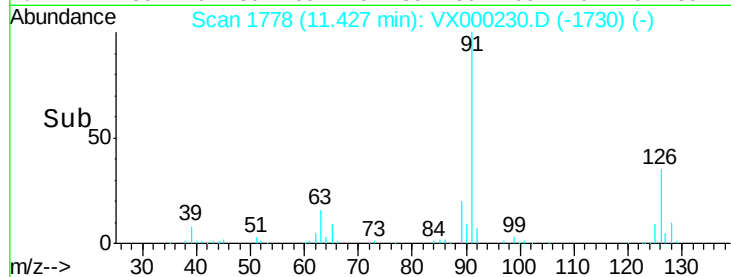
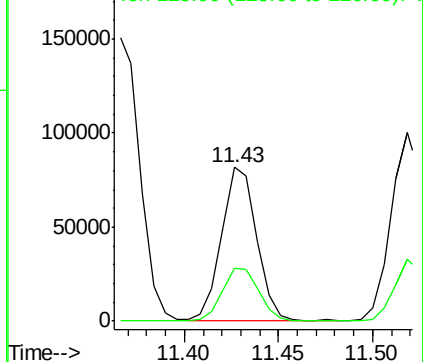
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.55 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX000230.D

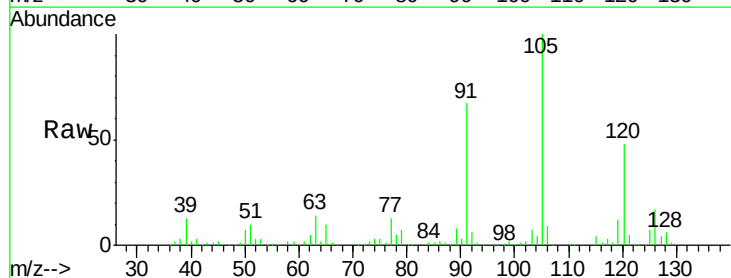
Acq: 08 Mar 2018 19:45

Tgt Ion: 105 Resp: 133067

Ion Ratio Lower Upper

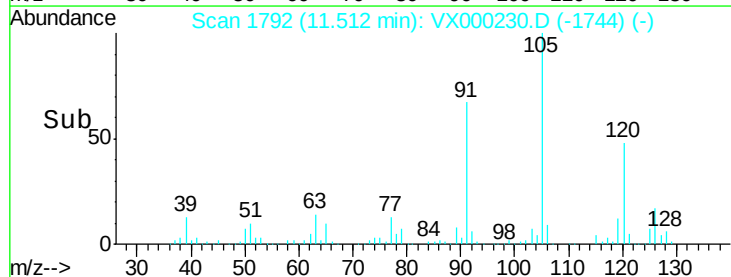
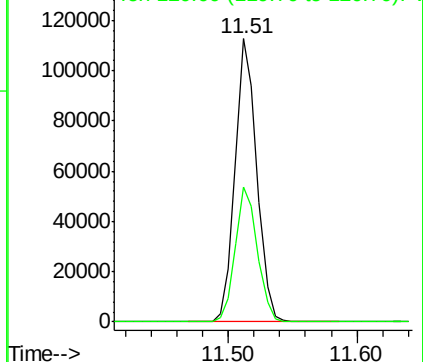
105 100

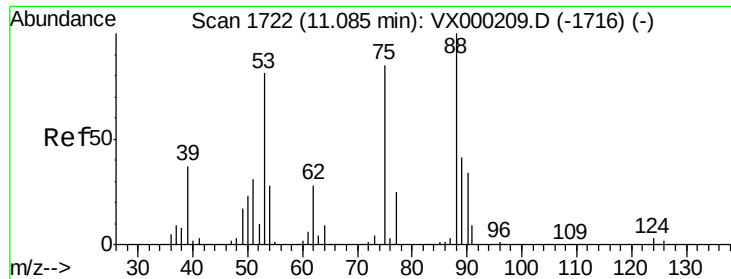
120 48.4 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





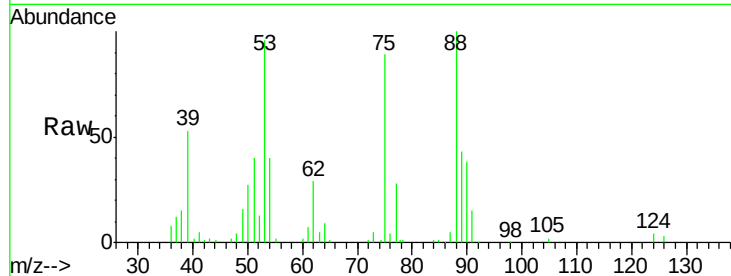
#81
trans-1,4-Dichloro-2-butene
Concen: 17.01 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Instrument :
MSVOA_X
ClientSampled :
VX0308WBSD02

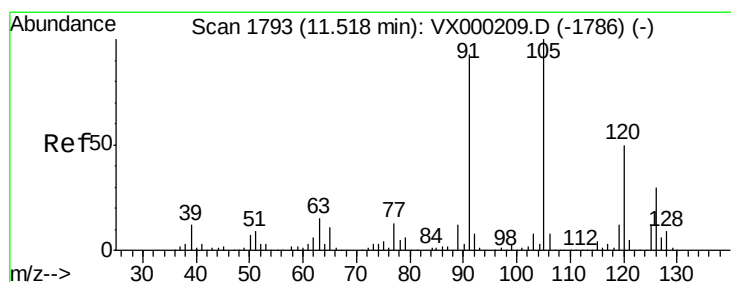
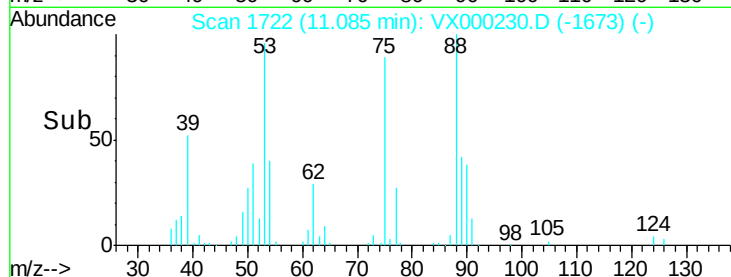
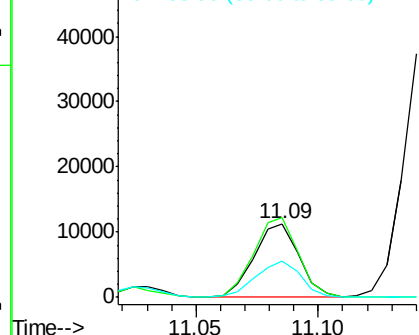
Tot Ion	Ratio	Lower	Upper
75	100		
53	107.8	78.6	118.0
89	49.1	38.8	58.2

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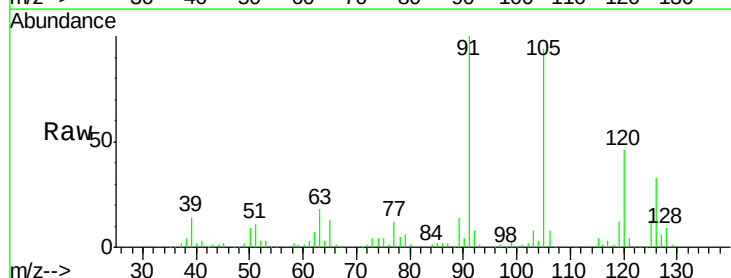


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

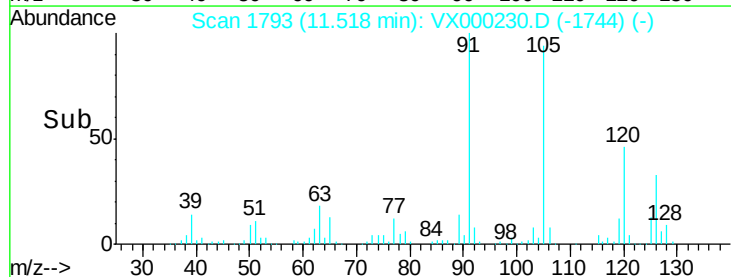
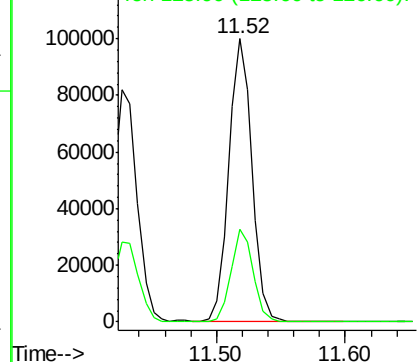


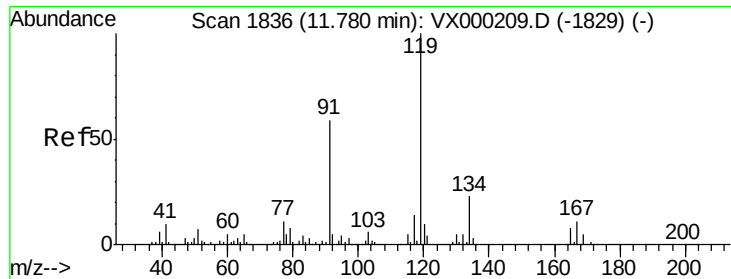
#82
4-Chlorotoluene
Concen: 19.32 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	16.0	48.0



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





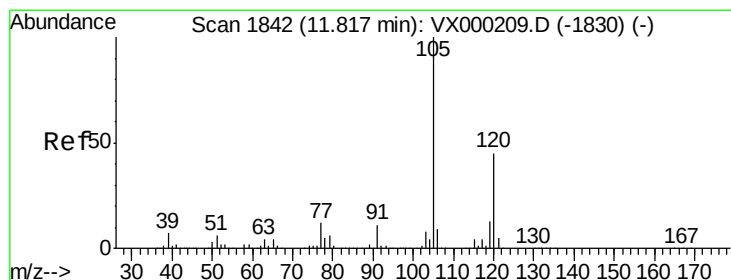
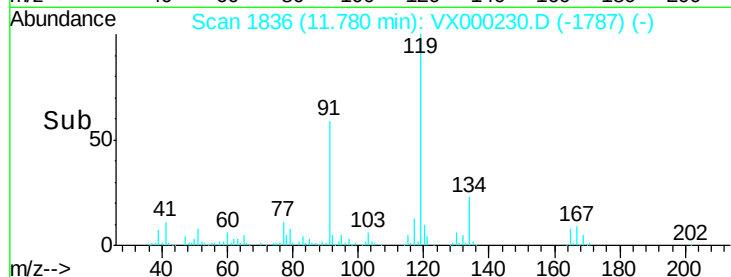
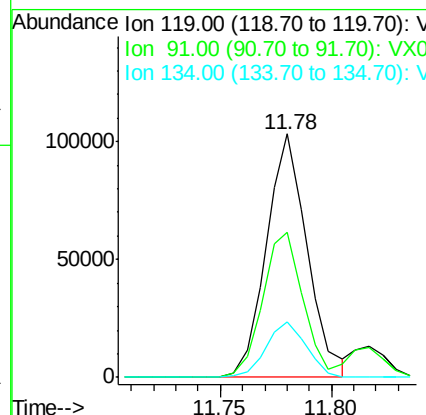
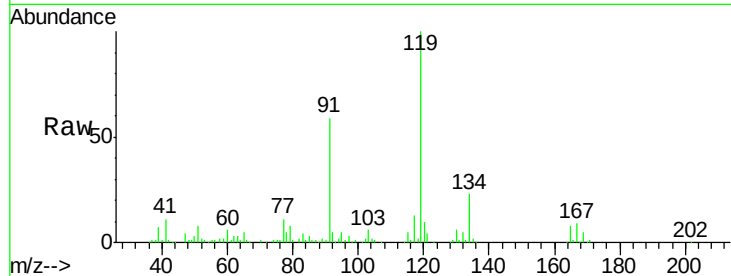
#83
 tert-Butylbenzene
 Concen: 19.87 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000230.D
 Acq: 08 Mar 2018 19:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	131571		
91	58.6	28.9	86.7	
134	22.3	11.5	34.4	

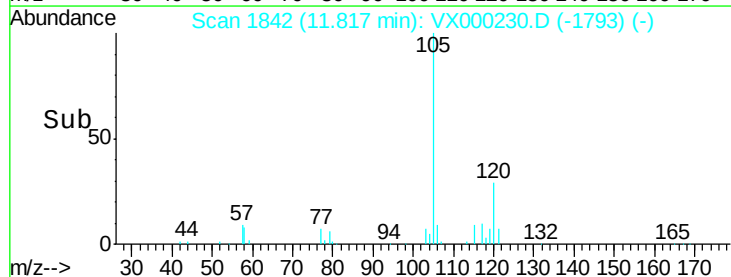
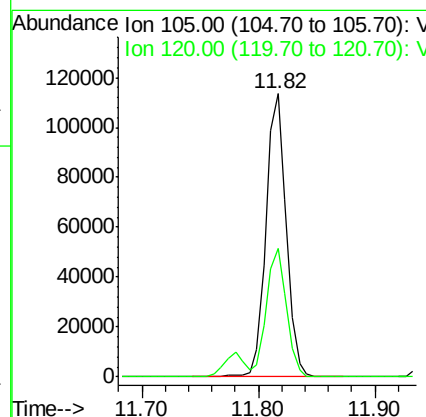
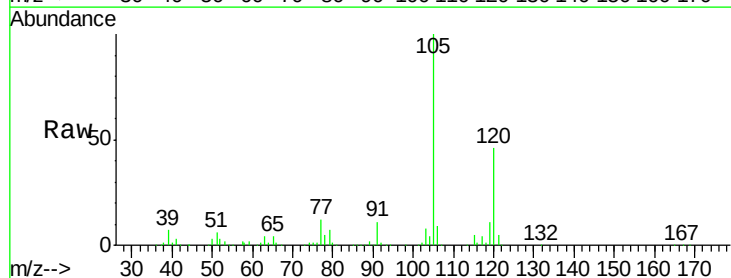
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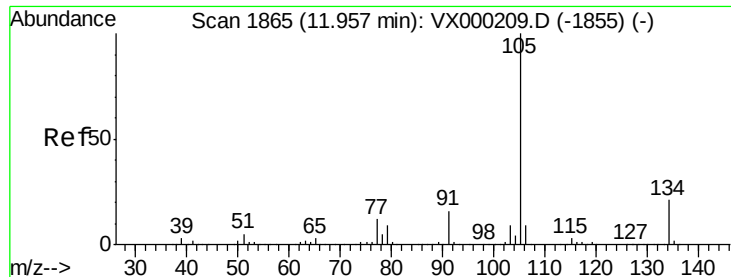
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.59 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000230.D
 Acq: 08 Mar 2018 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	137105		
120	45.3	23.0	69.0	





#85

sec-Butylbenzene

Concen: 19.78 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

Instrument :

MSVOA_X

ClientSampled :

VX0308WBSD02

Tot Ion:105 Resp: 165695

Ion Ratio Lower Upper

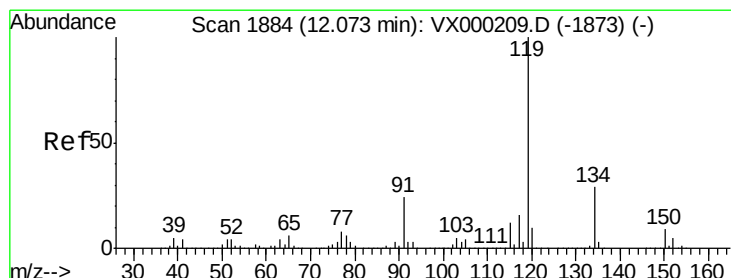
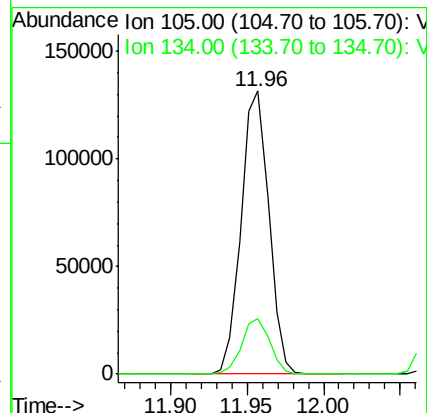
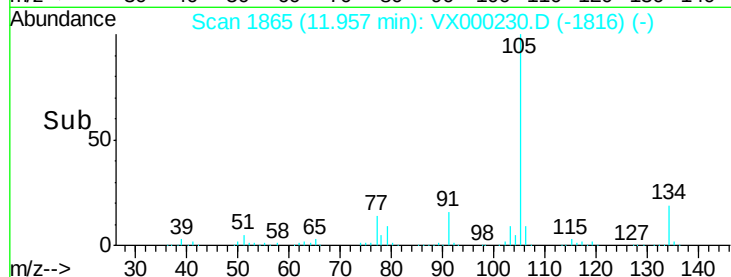
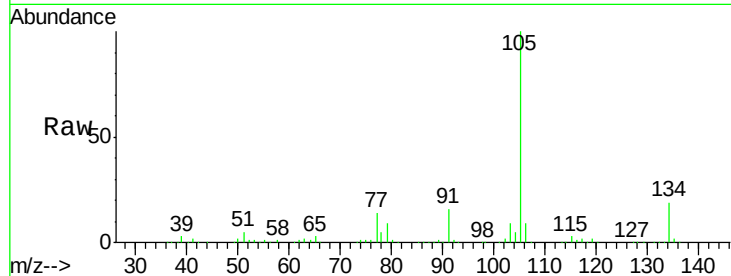
105 100

134 19.8 10.3 30.9

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#86

p-Isopropyltoluene

Concen: 19.76 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

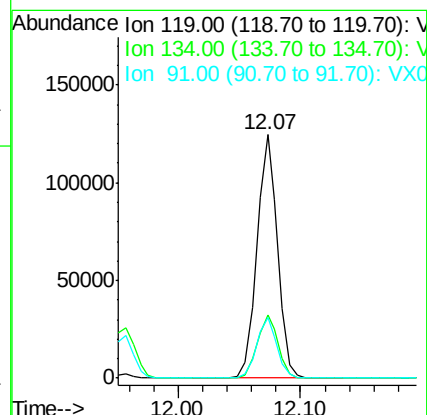
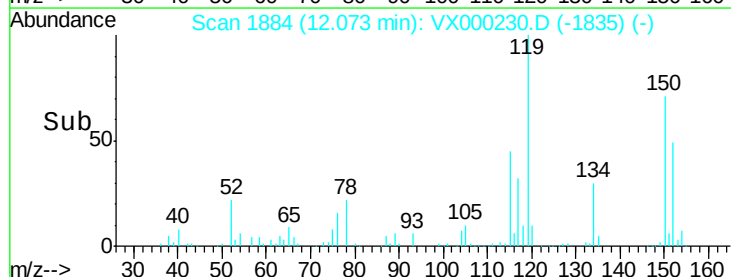
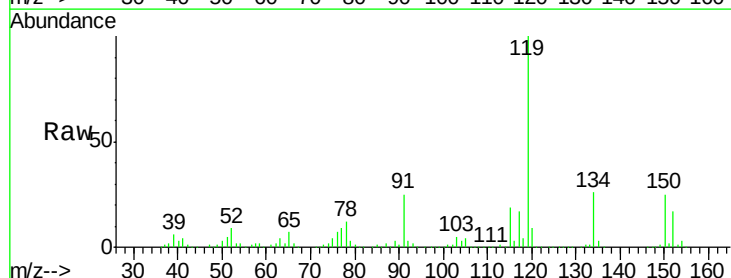
Tgt Ion:119 Resp: 145939

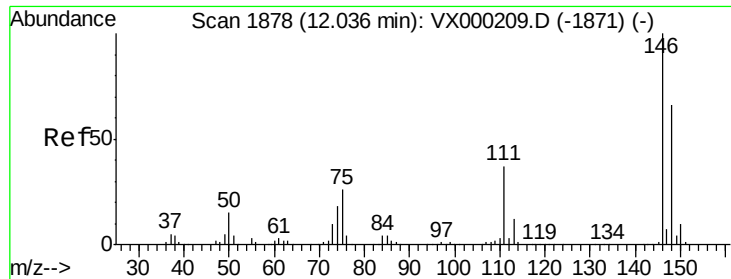
Ion Ratio Lower Upper

119 100

134 26.1 13.8 41.3

91 24.8 12.0 36.0





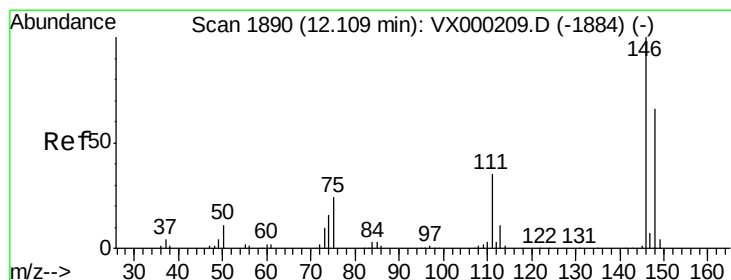
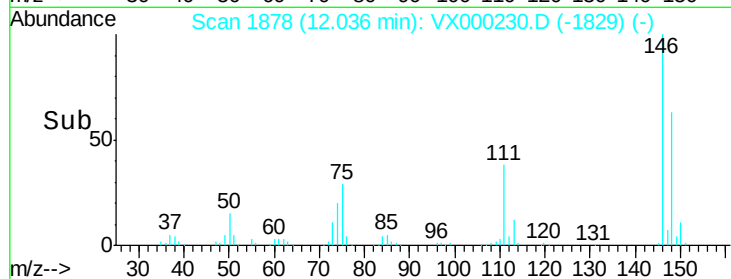
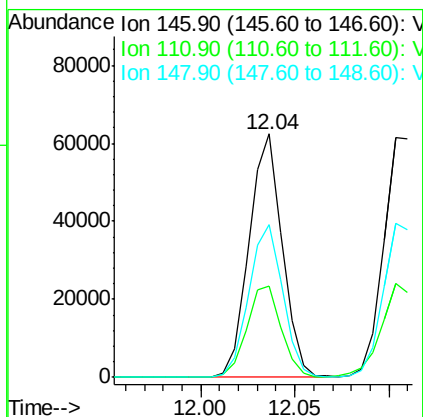
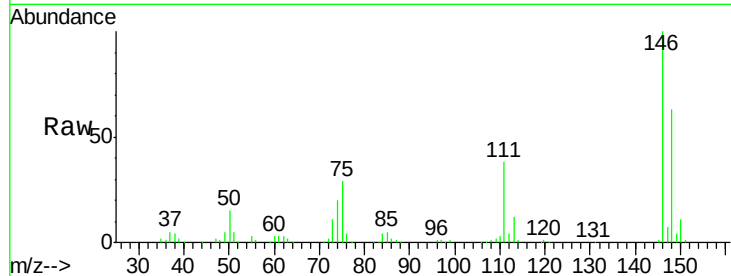
#87
 1,3-Dichlorobenzene
 Concen: 19.05 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000230.D
 Acq: 08 Mar 2018 19:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.0	57.0
148	64.1	32.1	96.3

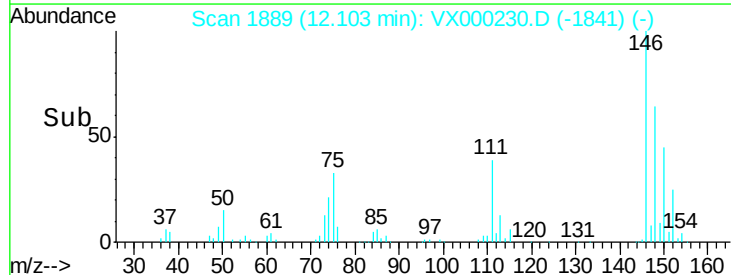
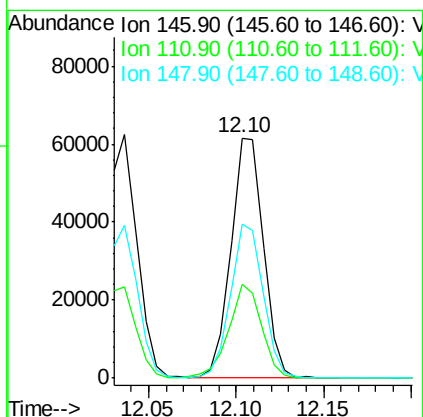
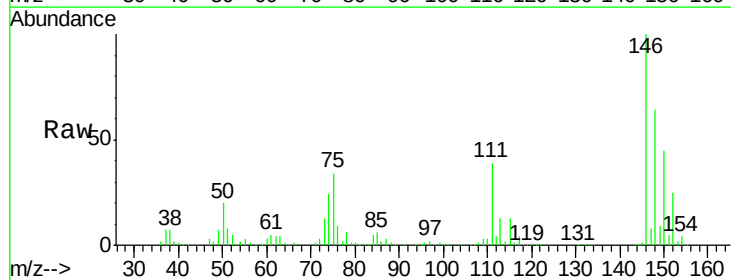
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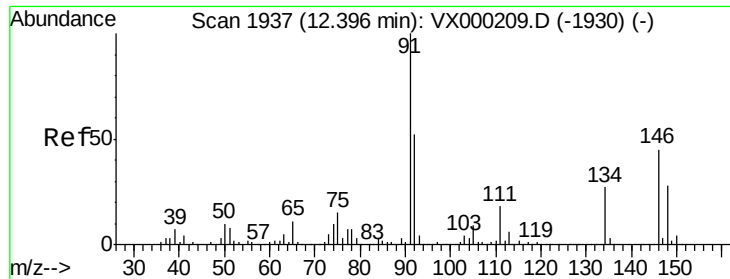
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#88
 1,4-Dichlorobenzene
 Concen: 18.98 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000230.D
 Acq: 08 Mar 2018 19:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	18.9	56.9
148	64.3	32.6	97.8





#89

n-Butylbenzene

Concen: 19.34 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

Instrument :

MSVOA_X

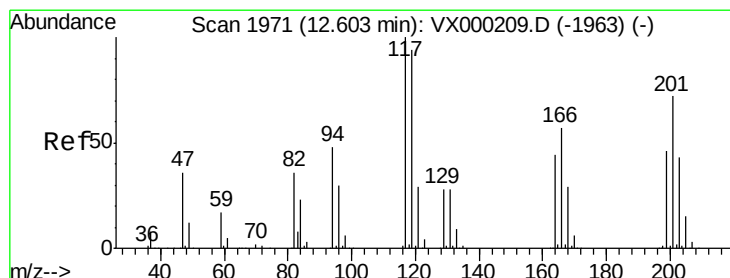
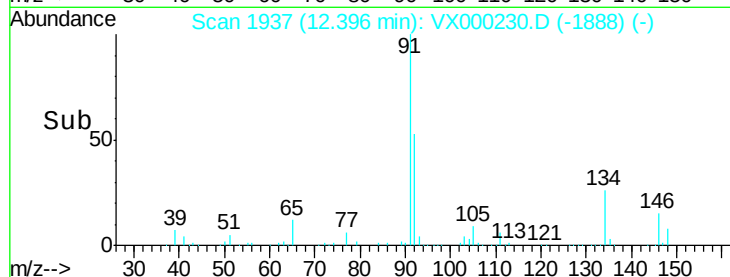
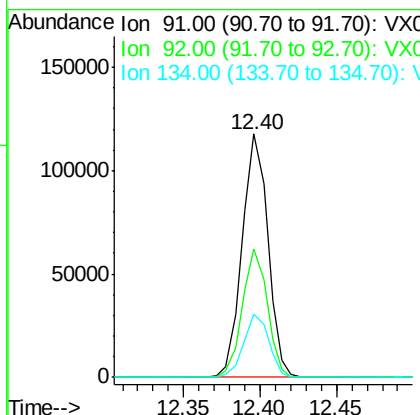
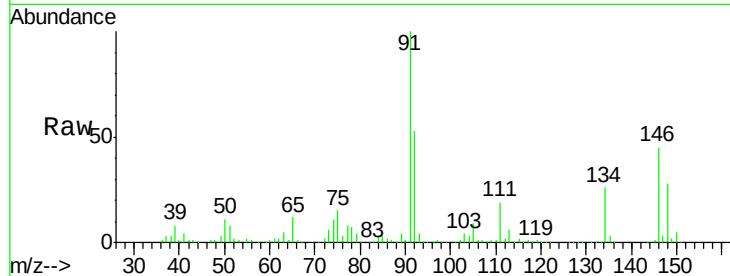
ClientSampleId :

VX0308WBSD02

Tot Ion:	91	Resp:	137549
Ion	Ratio	Lower	Upper
91	100		
92	51.1	25.8	77.4
134	25.4	13.5	40.5

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#90

Hexachloroethane

Concen: 18.17 ug/l

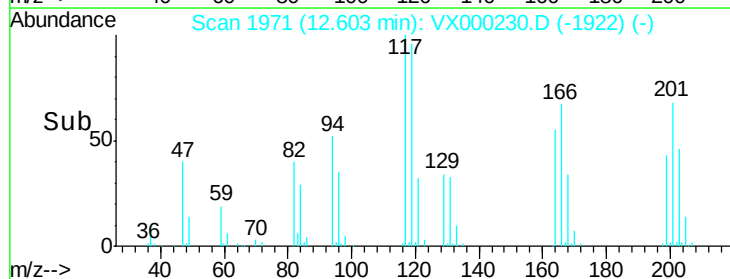
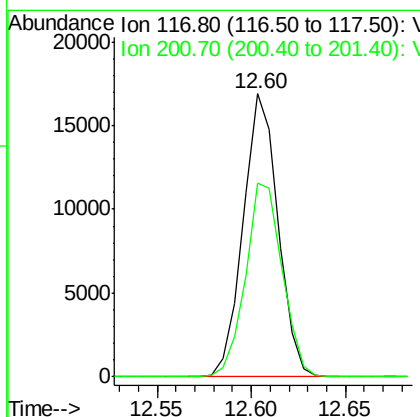
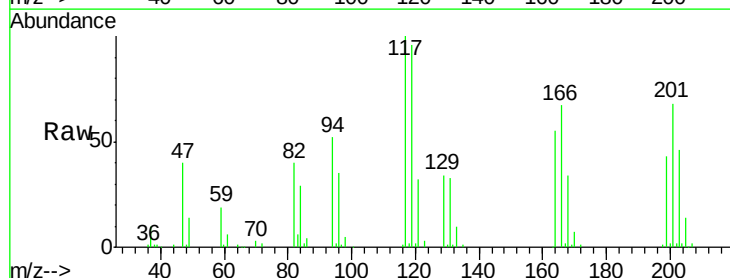
RT: 12.60 min Scan# 1971

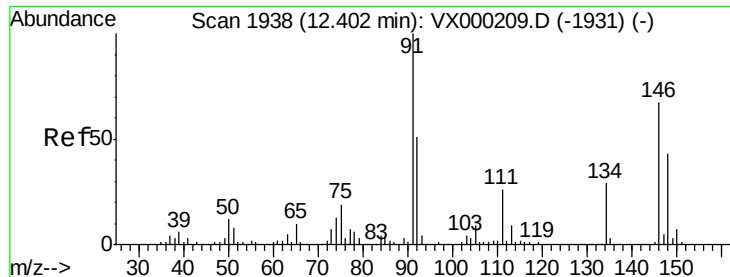
Delta R.T. 0.00 min

Lab File: VX000230.D

Acq: 08 Mar 2018 19:45

Tgt Ion:	117	Resp:	21629
Ion	Ratio	Lower	Upper
117	100		
201	72.3	38.2	114.6





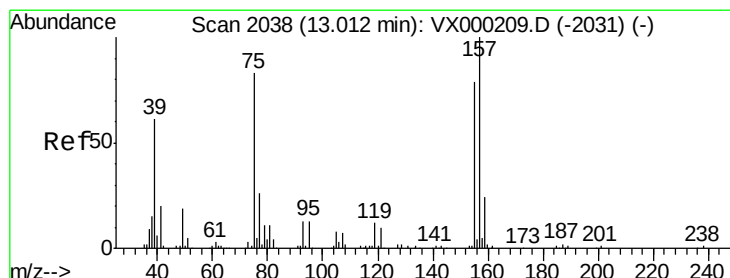
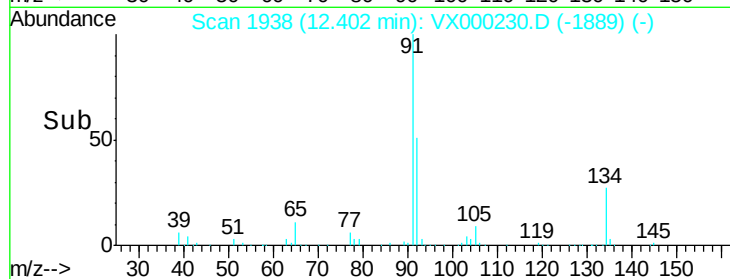
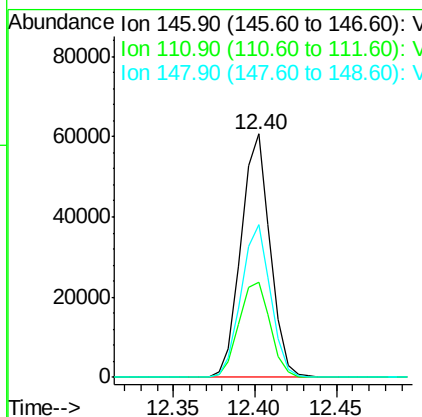
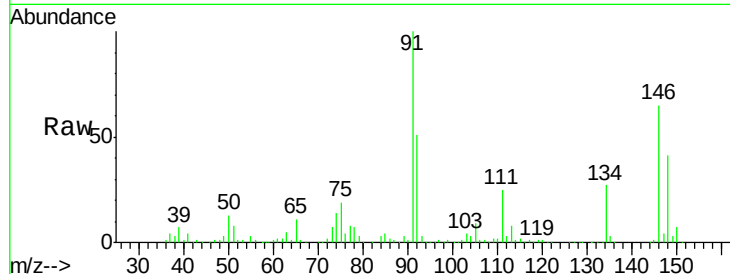
#91
 1,2-Dichlorobenzene
 Concen: 18.99 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000230.D
 Acq: 08 Mar 2018 19:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	19.7	59.0
148	63.6	32.0	96.0

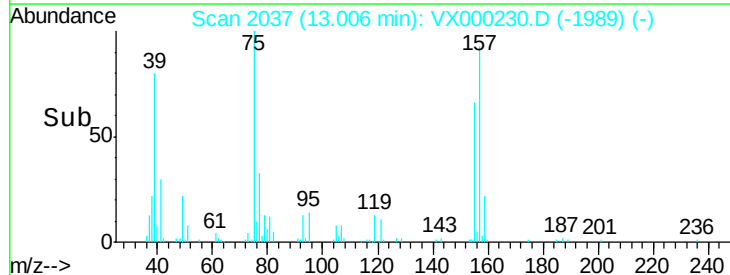
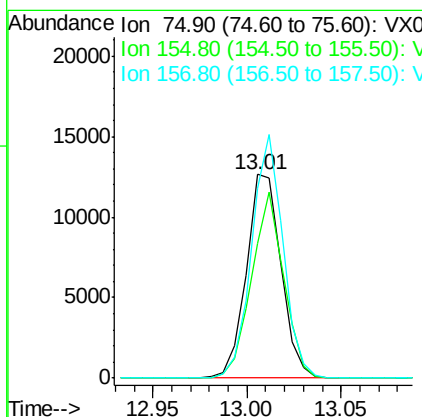
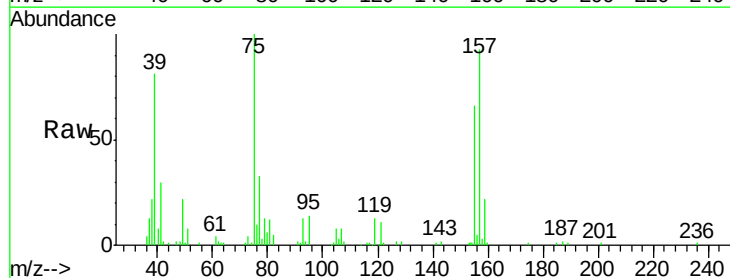
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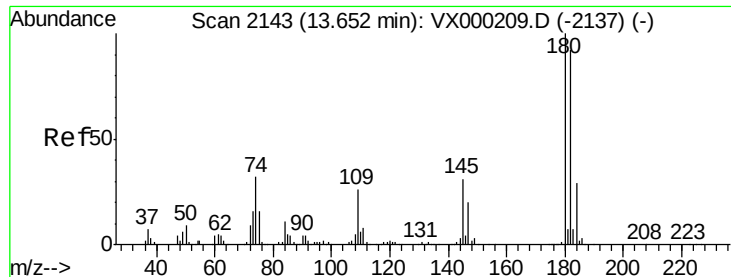
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.11 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: VX000230.D
 Acq: 08 Mar 2018 19:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.3	45.5	136.5
157	107.7	58.6	175.8





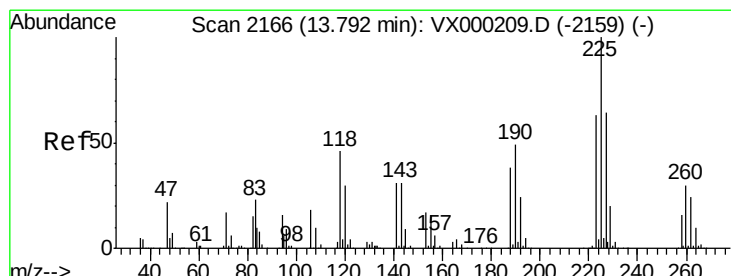
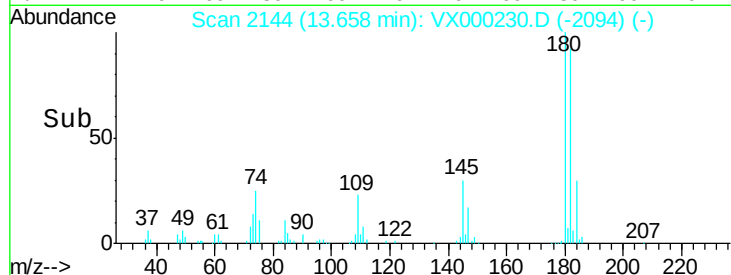
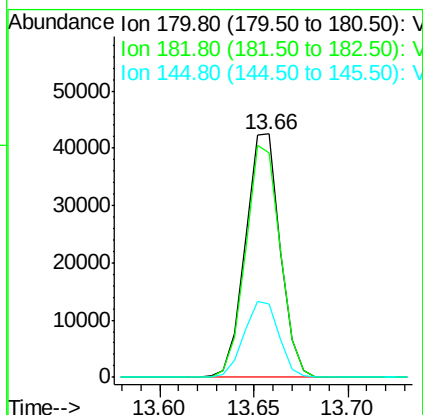
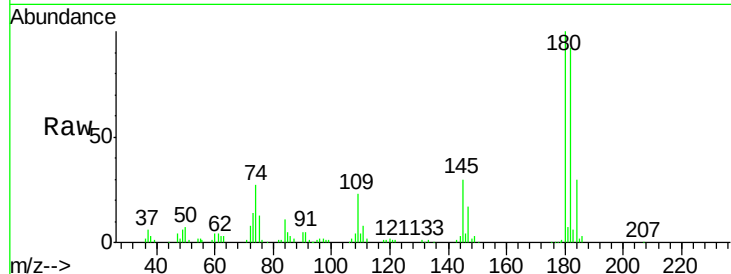
#93
 1,2,4-Trichlorobenzene
 Concen: 18.81 ug/l
 RT: 13.66 min Scan# 2144
 Delta R.T. 0.01 min
 Lab File: VX000230.D
 Acq: 08 Mar 2018 19:45

Instrument :
 MSVOA_X
 ClientSampled :
 VX0308WBSD02

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.0	141.0
145	31.3	15.3	45.9

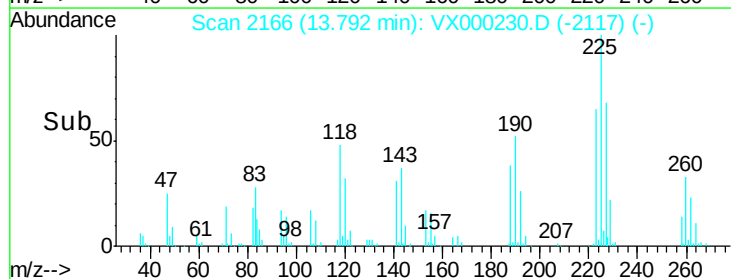
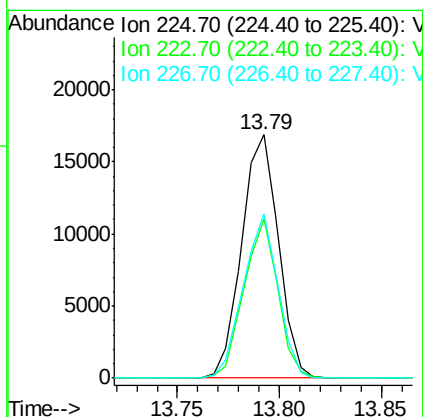
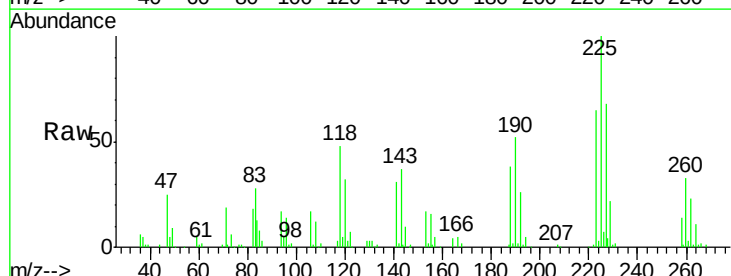
Manual Integrations
 APPROVED

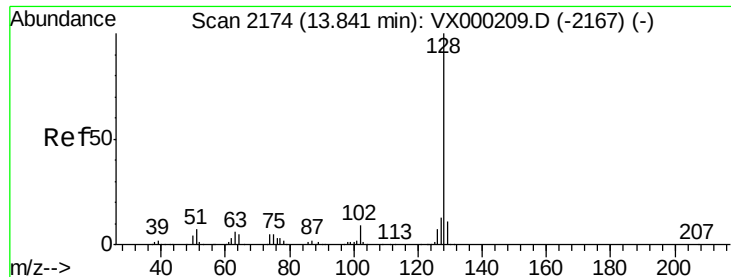
apatel
 3/9/2018 9:38:36 AM



#94
 Hexachlorobutadiene
 Concen: 17.58 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000230.D
 Acq: 08 Mar 2018 19:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.5	31.8	95.3
227	64.2	31.9	95.5





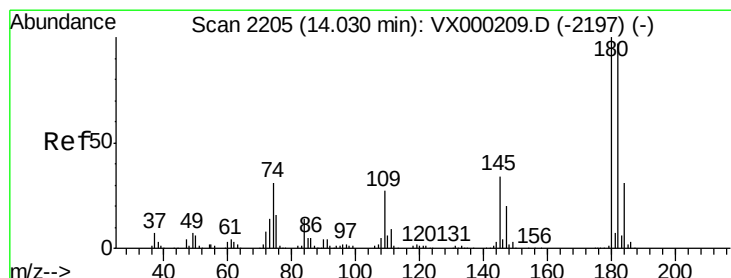
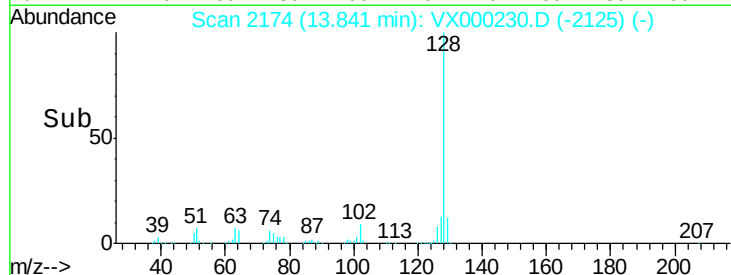
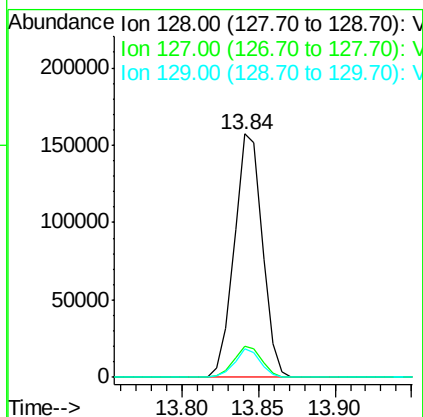
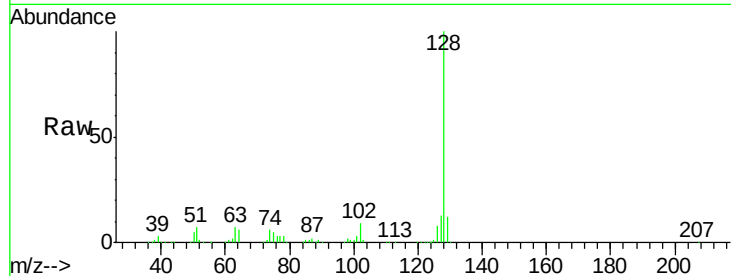
#95
Naphthalene
Concen: 19.82 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	10.8	8.6	13.0

Manual Integrations
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3/9/2018 9:38:36 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.70 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VX000230.D
Acq: 08 Mar 2018 19:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.6	48.0	144.0
145	32.4	16.3	48.8

