

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030718\
 Data File : VX000209.D
 Acq On : 07 Mar 2018 13:26
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
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apatel
 3/8/2018 10:42:17 AM

Quant Time: Mar 08 00:49:29 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 00:32:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	150194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	252700	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	265605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	162899	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	103434	53.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.78%	
35) Dibromofluoromethane	5.51	113	81379	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
50) Toluene-d8	8.73	98	344242	53.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.28%	
62) 4-Bromofluorobenzene	11.15	95	132909	52.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	76636	49.39	ug/l	100
3) Chloromethane	1.32	50	72425	47.65	ug/l	100
4) Vinyl Chloride	1.41	62	88834	52.05	ug/l	100
5) Bromomethane	1.64	94	105509	62.69	ug/l	100
6) Chloroethane	1.72	64	58146	50.33	ug/l	100
7) Trichlorofluoromethane	1.93	101	154840	50.66	ug/l	100
8) Diethyl Ether	2.20	74	53686	50.86	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	83594	49.11	ug/l	100
10) Methyl Iodide	2.52	142	85729	47.40	ug/l	100
11) Tert butyl alcohol	3.08	59	180287	247.06	ug/l	100
12) 1,1-Dichloroethene	2.38	96	77320	48.89	ug/l	100
13) Acrolein	2.30	56	97336	271.45	ug/l	100
14) Allyl chloride	2.73	41	141222	52.81	ug/l	100
15) Acrylonitrile	3.16	53	324051	258.22	ug/l	100
16) Acetone	2.45	43	350802	278.05	ug/l	100
17) Carbon Disulfide	2.57	76	216179	46.53	ug/l	100
18) Methyl Acetate	2.79	43	152287	52.29	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	275087	50.52	ug/l	100
20) Methylene Chloride	2.87	84	82645	46.90	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	85960	49.97	ug/l	100
22) Diisopropyl ether	3.88	45	219334	47.55	ug/l	100
23) Vinyl Acetate	3.84	43	1107679	254.95	ug/l	100
24) 1,1-Dichloroethane	3.71	63	148701	52.42	ug/l	100
25) 2-Butanone	4.73	43	439210	254.60	ug/l	100
26) 2,2-Dichloropropane	4.60	77	111649	47.31	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	78131	48.11	ug/l	100
28) Bromochloromethane	5.03	49	64698	52.01	ug/l	100
29) Tetrahydrofuran	5.18	42	280358	250.74	ug/l	100
30) Chloroform	5.23	83	145317	50.22	ug/l	100
31) Cyclohexane	5.59	56	116767	49.28	ug/l	100
32) 1,1,1-Trichloroethane	5.51	97	132832	50.10	ug/l	100
36) 1,1-Dichloropropene	5.81	75	109346	48.12	ug/l	100
37) Ethyl Acetate	4.87	43	149759	47.77	ug/l	100
38) Carbon Tetrachloride	5.79	117	114833	47.30	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	134577	49.06	ug/l	100
40) Benzene	6.16	78	319092	49.06	ug/l	100
41) Methacrylonitrile	5.08	41	76937	46.98	ug/l	100
42) 1,2-Dichloroethane	6.21	62	124159	51.53	ug/l	100
43) Isopropyl Acetate	6.48	43	229511	50.57	ug/l	100
44) Trichloroethene	7.22	130	91371	47.96	ug/l	100
45) 1,2-Dichloropropane	7.52	63	81528	50.92	ug/l	100
46) Dibromomethane	7.67	93	64238	51.38	ug/l	100
47) Bromodichloromethane	7.91	83	119687	51.95	ug/l	100
48) Methyl methacrylate	7.79	41	111108	50.07	ug/l	100
49) 1,4-Dioxane	7.77	88	52571	921.89	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	895510	267.41	ug/l	100
52) Toluene	8.79	92	228366	52.20	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	138217	51.05	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	141314	52.58	ug/l	100
55) 1,1,2-Trichloroethane	9.23	97	91039	50.56	ug/l	100
56) Ethyl methacrylate	9.19	69	145720	52.63	ug/l	100
57) 1,3-Dichloropropane	9.38	76	147621	51.49	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	351009	251.27	ug/l	100
59) 2-Hexanone	9.51	43	769977	271.04	ug/l	100
60) Dibromochloromethane	9.59	129	102955	50.95	ug/l	100
61) 1,2-Dibromoethane	9.68	107	103107	51.48	ug/l	100
64) Tetrachloroethene	9.34	164	86859	45.67	ug/l	100
65) Chlorobenzene	10.15	112	266086	47.67	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	92838	47.98	ug/l	100
67) Ethyl Benzene	10.26	91	457114	48.59	ug/l	100
68) m/p-Xylenes	10.37	106	366746	98.35	ug/l	100
69) o-Xylene	10.71	106	175195	48.89	ug/l	100
70) Styrene	10.72	104	298577	50.81	ug/l	100
71) Bromoform	10.87	173	83478	47.85	ug/l	100
73) Isopropylbenzene	11.03	105	486373	47.35	ug/l	100
74) N-amyl acetate	6.48	43	229511	44.43	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.28	83	169752	47.38	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	148595m	44.41	ug/l	
77) Bromobenzene	11.26	156	123507	44.89	ug/l	100
78) n-propylbenzene	11.37	91	569023	46.97	ug/l	100
79) 2-Chlorotoluene	11.43	91	322876	46.74	ug/l	100
80) 1,3,5-Trimethylbenzene	11.52	105	414585	47.81	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	53427	46.07	ug/l	100
82) 4-Chlorotoluene	11.52	91	400820	47.63	ug/l	100
83) tert-Butylbenzene	11.78	119	410057	46.79	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	431427	47.83	ug/l	100
85) sec-Butylbenzene	11.96	105	515112	47.24	ug/l	100
86) p-Isopropyltoluene	12.07	119	460370	47.39	ug/l	100
87) 1,3-Dichlorobenzene	12.04	146	246631	46.33	ug/l	100
88) 1,4-Dichlorobenzene	12.11	146	253026	46.00	ug/l	100
89) n-Butylbenzene	12.40	91	434430	47.13	ug/l	100
90) Hexachloroethane	12.60	117	74701	47.58	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	245419	46.79	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	48987	49.36	ug/l	100

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QLast Update : Thu Mar 08 00:32:11 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	170145	43.73	ug/l	100
94) Hexachlorobutadiene	13.79	225	68336	40.78	ug/l	100
95) Naphthalene	13.84	128	619540	46.63	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	168154	43.83	ug/l	100

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

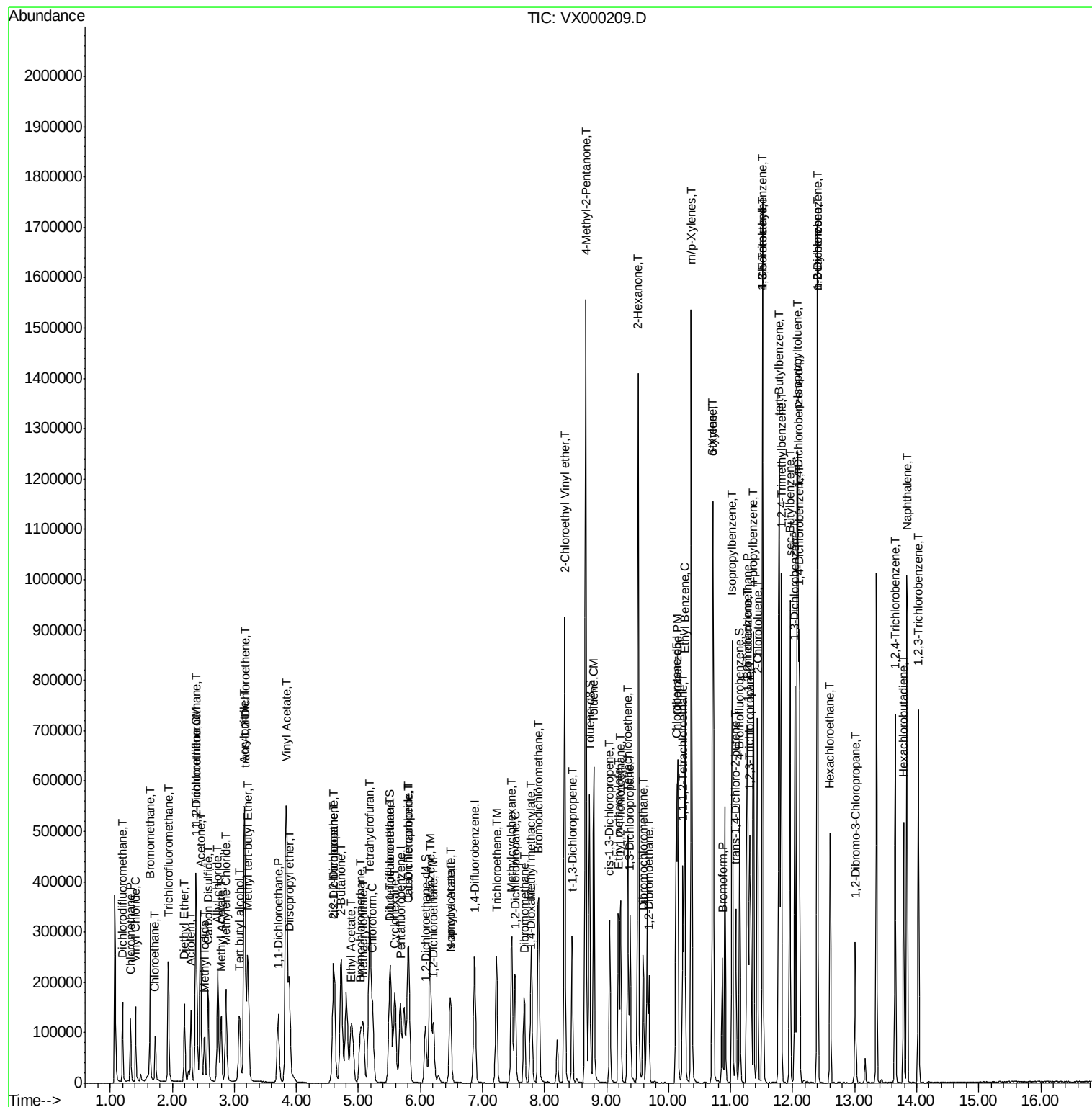
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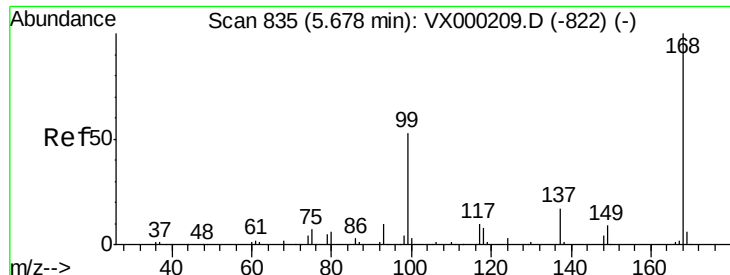
Instrument :
 MSVOA_X
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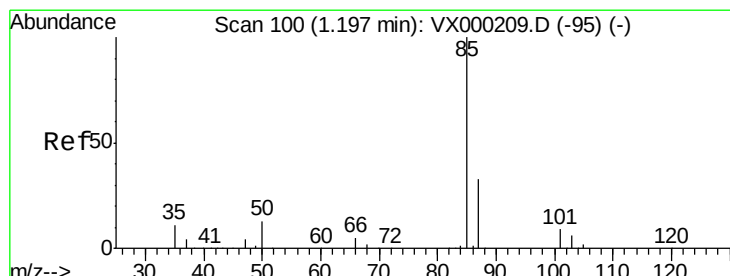
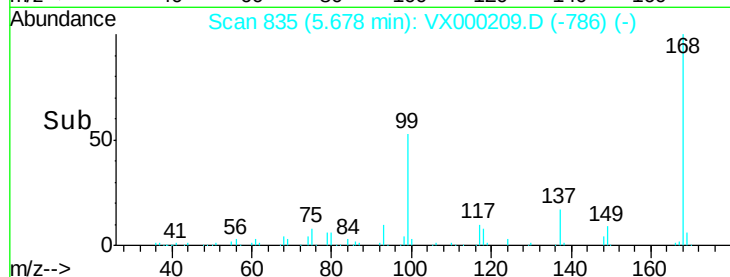
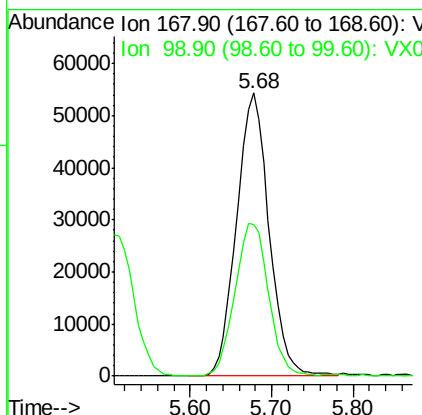
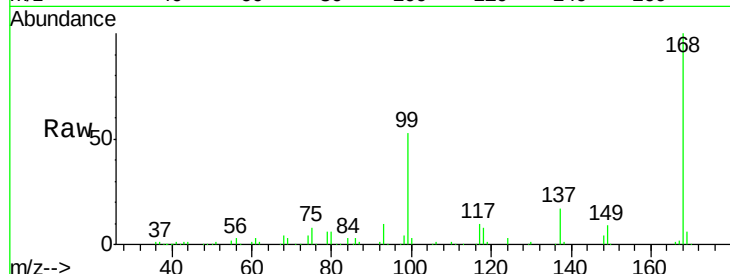
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.68 min Scan# 835
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	53.5	42.8	64.2

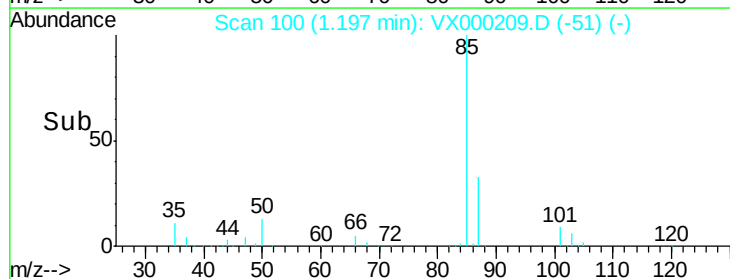
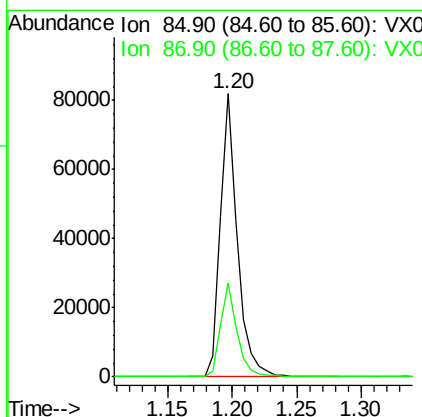
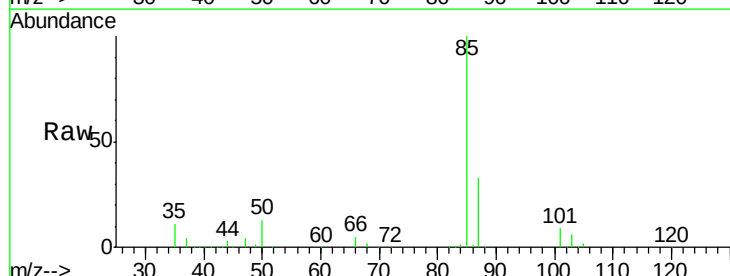
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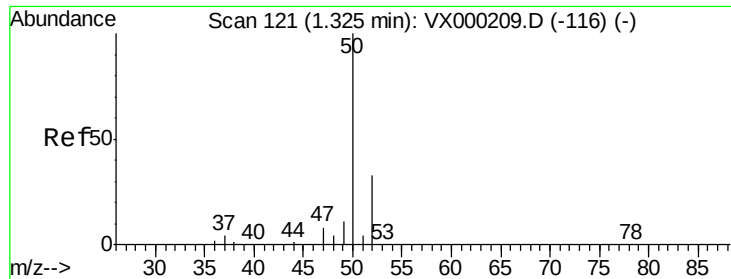
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#2
Dichlorodifluoromethane
Concen: 49.39 ug/l
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.3	16.7	50.0





#3

Chloromethane

Concen: 47.65 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 72425

Ion Ratio Lower Upper

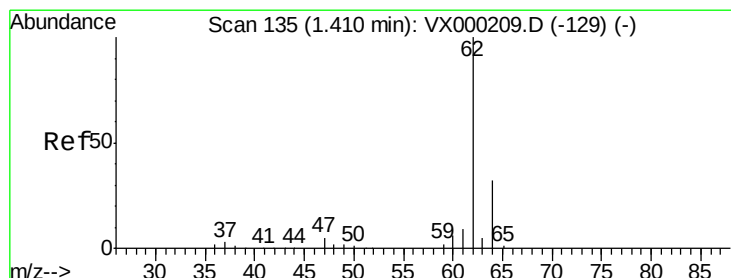
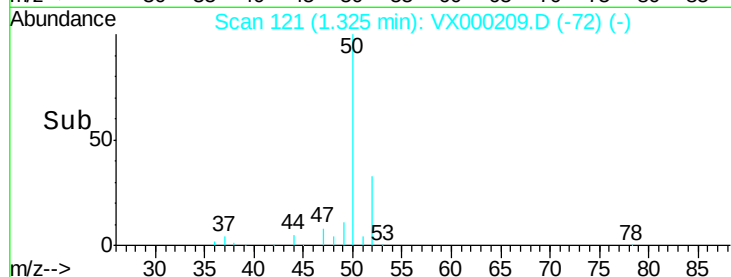
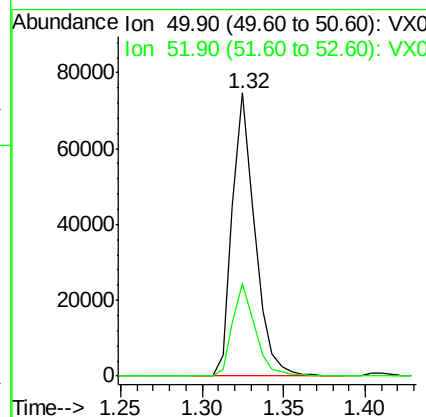
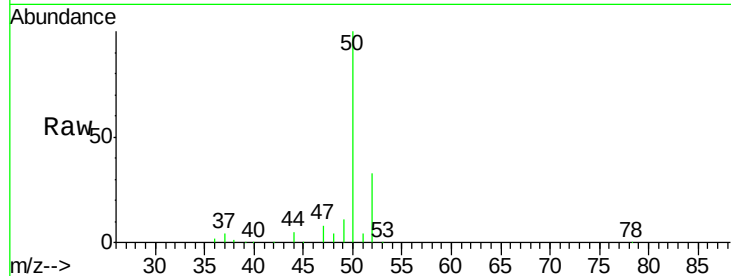
50 100

52 32.7 26.2 39.2

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#4

Vinyl Chloride

Concen: 52.05 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000209.D

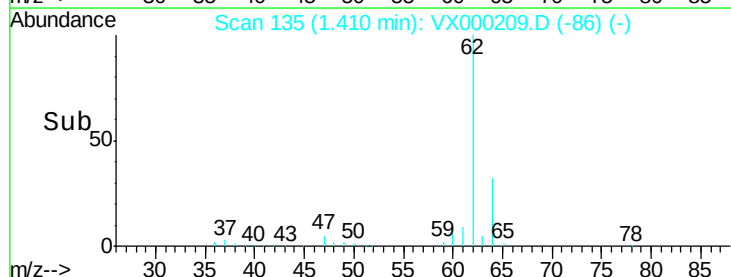
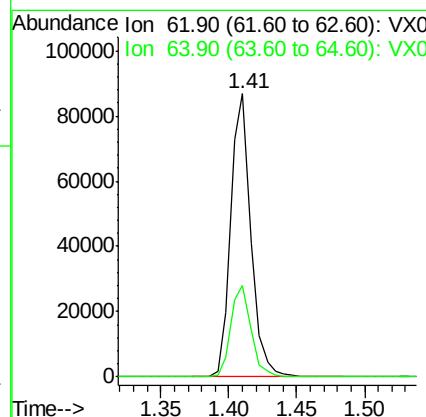
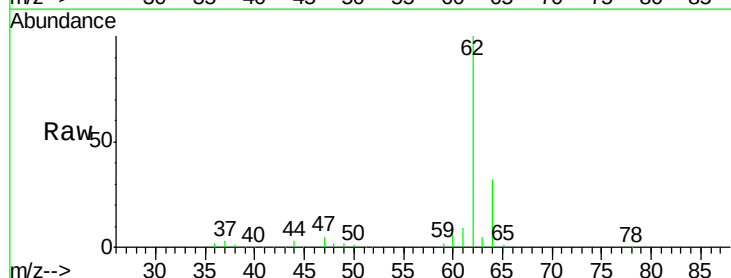
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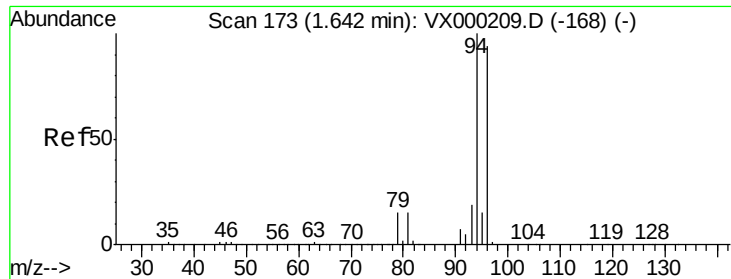
Tgt Ion: 62 Resp: 88834

Ion Ratio Lower Upper

62 100

64 32.1 25.7 38.5





#5

Bromomethane

Concen: 62.69 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 105509

Ion Ratio Lower Upper

94 100

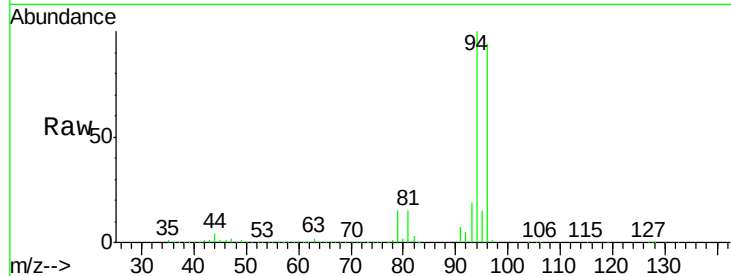
96 94.1 75.3 112.9

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

120000

100000

80000

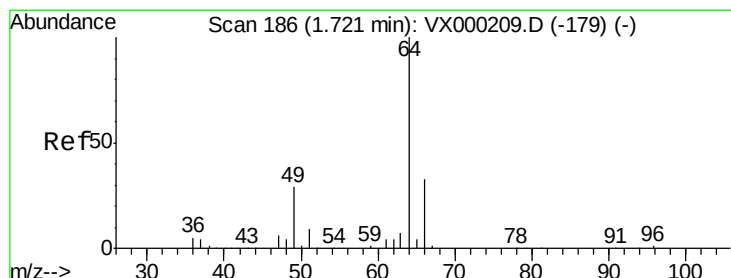
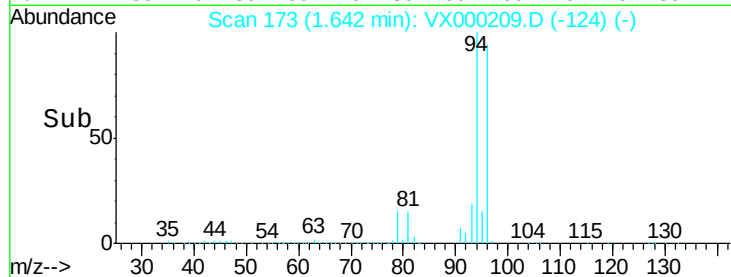
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 50.33 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX000209.D

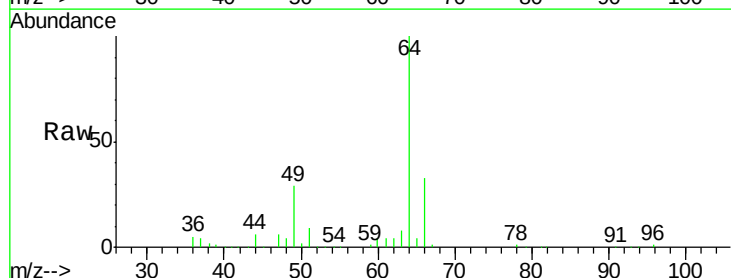
Acq: 07 Mar 2018 13:26

Tgt Ion: 64 Resp: 58146

Ion Ratio Lower Upper

64 100

66 32.8 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

40000

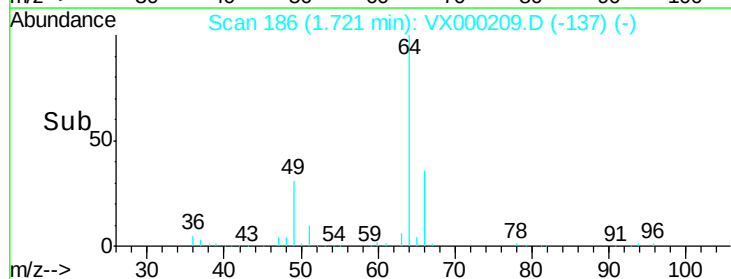
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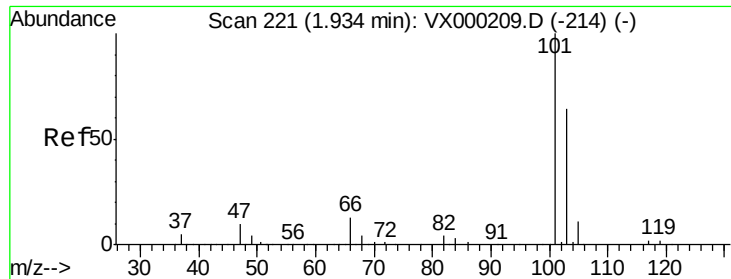
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Time-->





#7

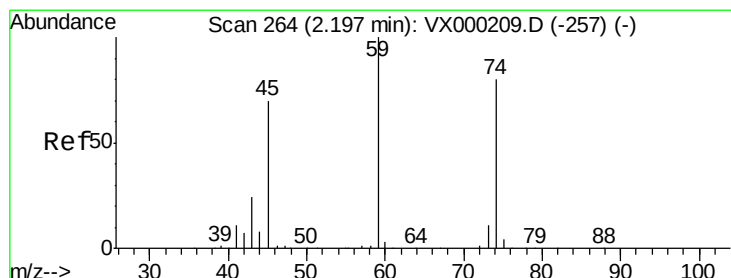
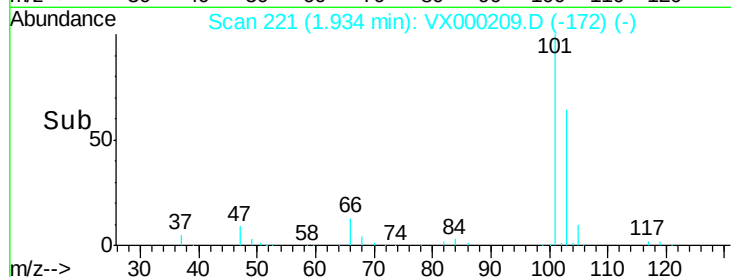
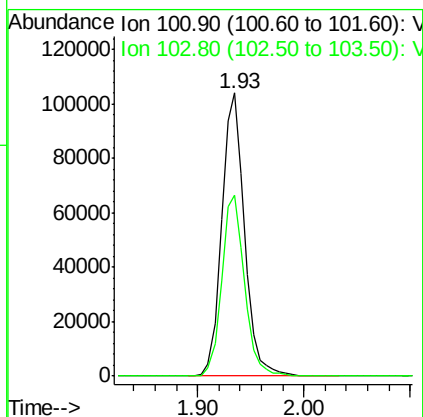
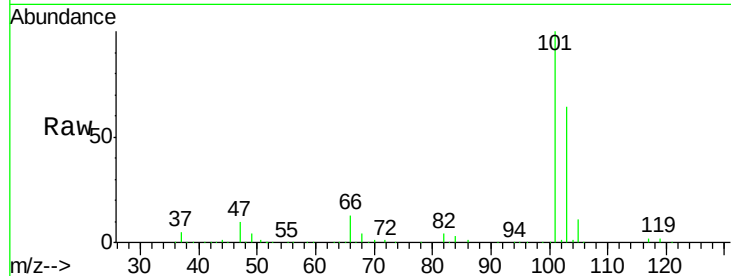
Trichlorofluoromethane
Concen: 50.66 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:101 Resp: 154840
Ion Ratio Lower Upper
101 100
103 64.0 51.2 76.8

Manual Integrations
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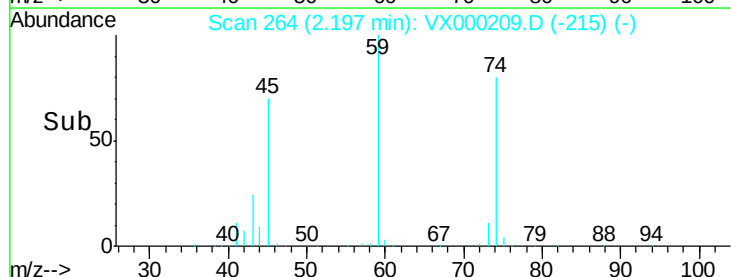
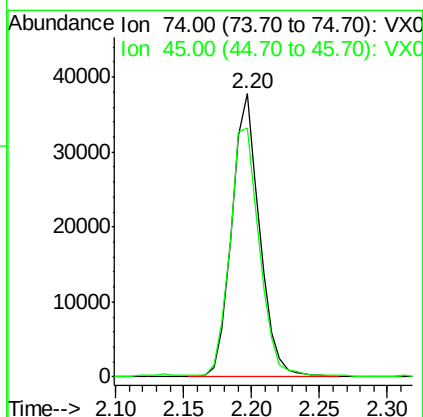
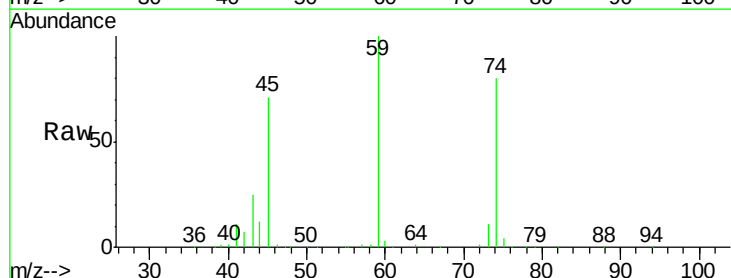
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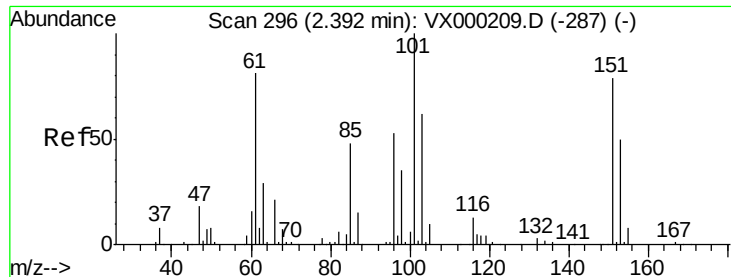


#8

Diethyl Ether
Concen: 50.86 ug/l
RT: 2.20 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Tgt Ion: 74 Resp: 53686
Ion Ratio Lower Upper
74 100
45 94.4 47.2 141.6





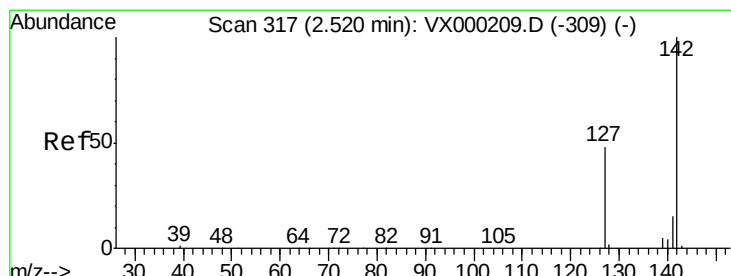
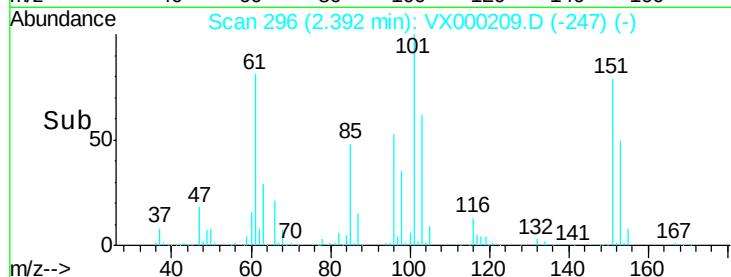
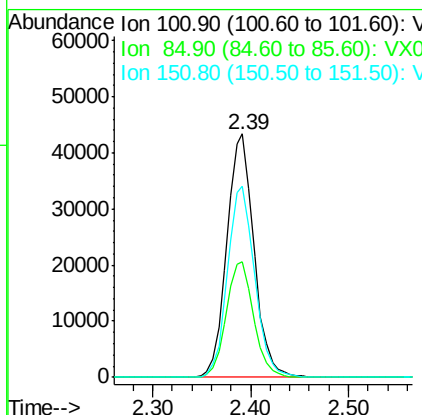
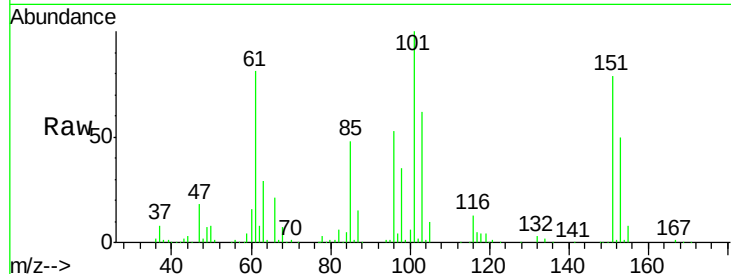
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.11 ug/l
RT: 2.39 min Scan# 296
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
101	100		
85	47.9	38.3	57.5
151	78.5	62.8	94.2

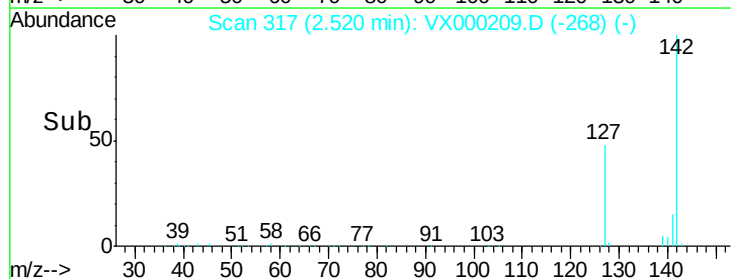
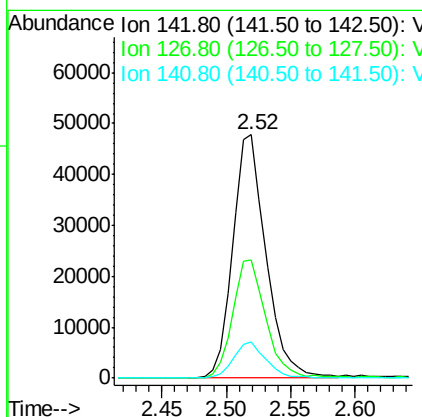
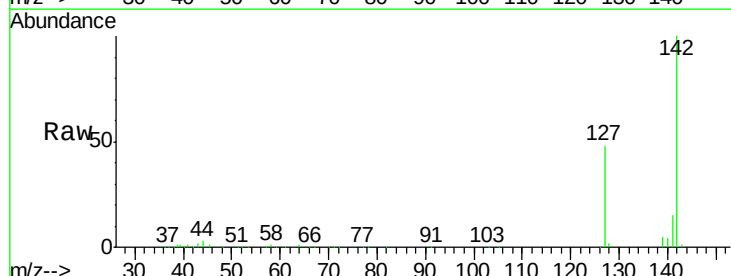
Manual Integrations
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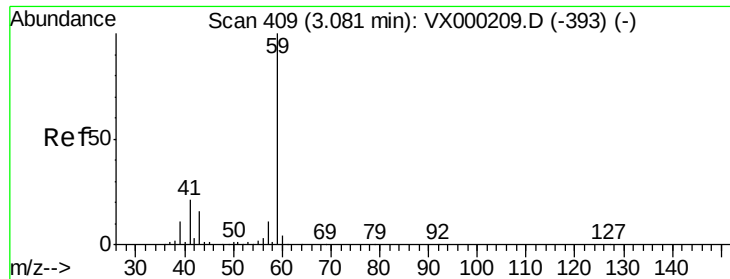
apatel
3/8/2018 10:42:17 AM



#10
Methyl Iodide
Concen: 47.40 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Tgt Ion	Ratio	Lower	Upper
142	100		
127	48.8	39.0	58.6
141	14.5	11.6	17.4





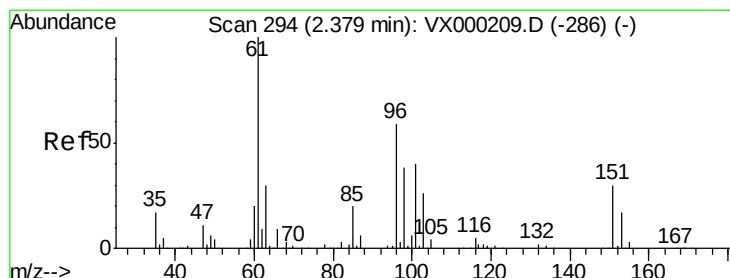
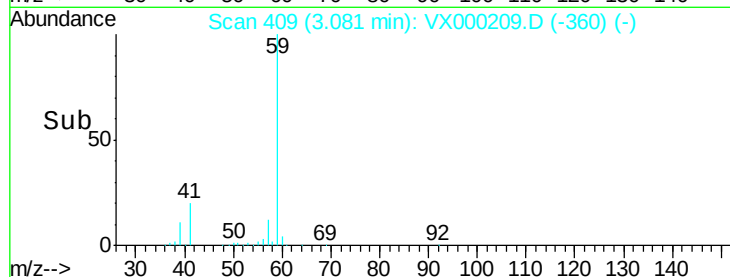
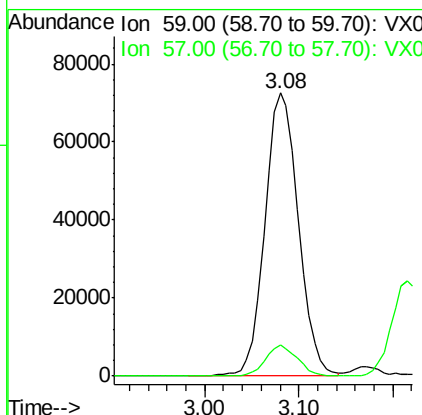
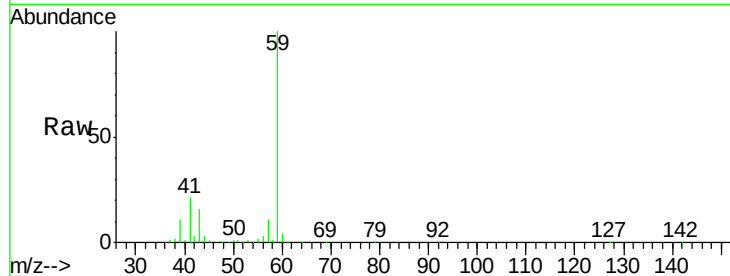
#11
Tert butyl alcohol
Concen: 247.06 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	59	Resp	180287
Ion Ratio	100	Lower	Upper
57	10.5	8.4	12.6

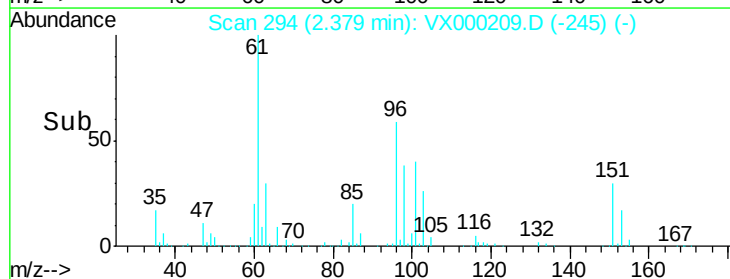
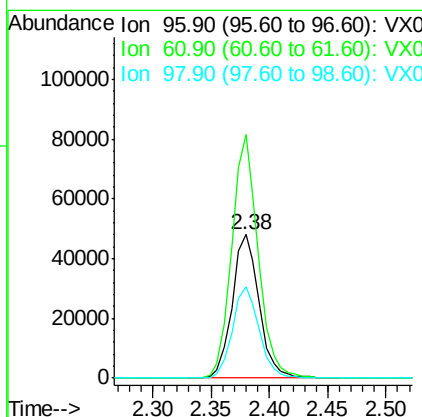
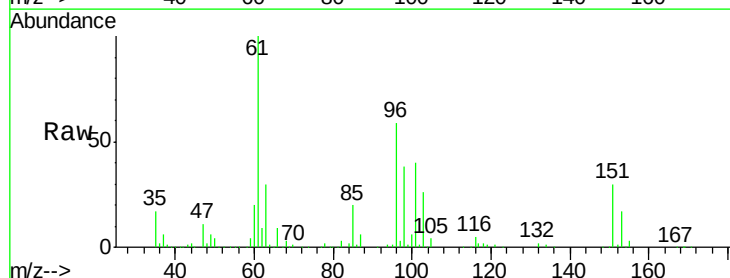
Manual Integrations
APPROVED

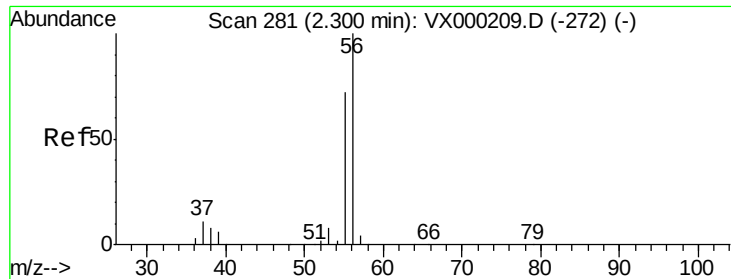
apatel
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#12
1,1-Dichloroethene
Concen: 48.89 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Tgt Ion	96	Resp	77320
Ion Ratio	100	Lower	Upper
61	169.7	135.8	203.6
98	63.9	51.1	76.7





#13

Acrolein

Concen: 271.45 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 97336

Ion Ratio Lower Upper

56 100

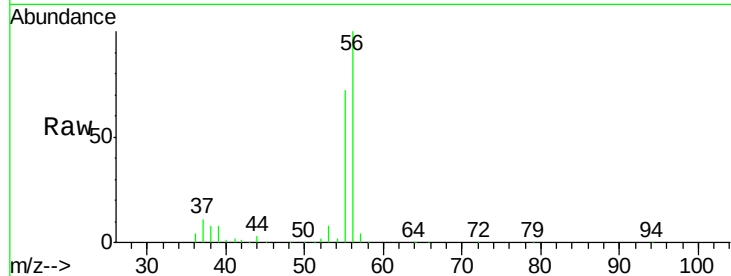
55 74.0 59.2 88.8

Manual Integrations

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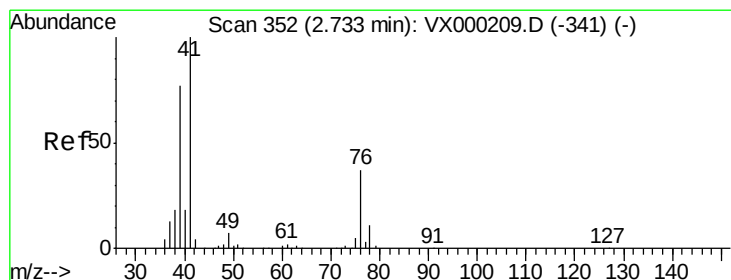
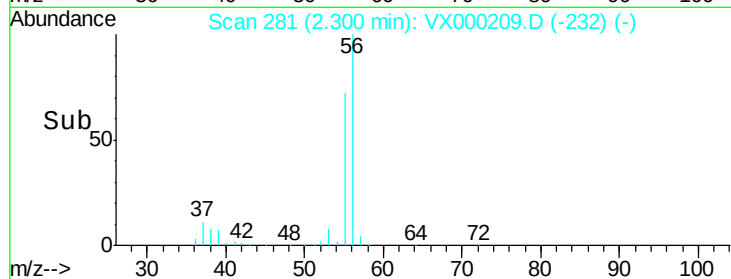
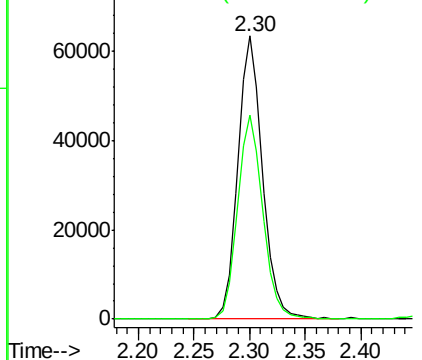
apatel

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 52.81 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

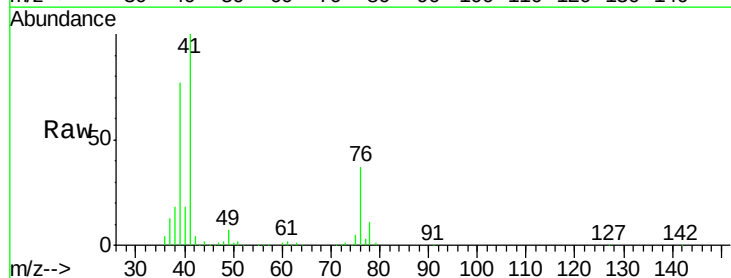
Tgt Ion: 41 Resp: 141222

Ion Ratio Lower Upper

41 100

39 71.3 57.0 85.6

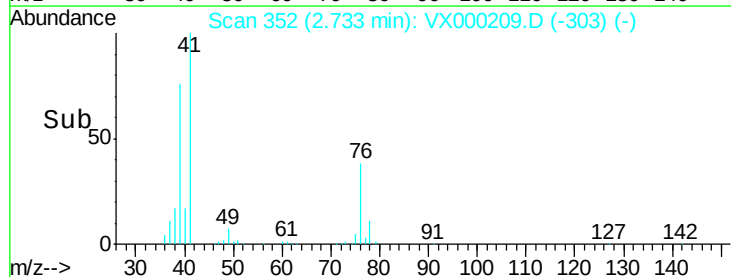
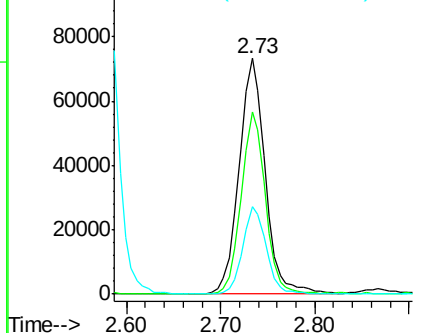
76 33.5 26.8 40.2

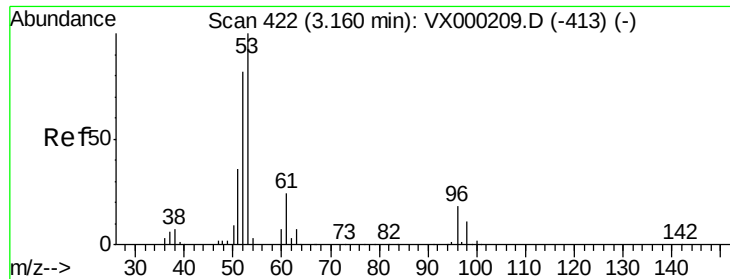


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 258.22 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

Instrument :

MSVOA_X

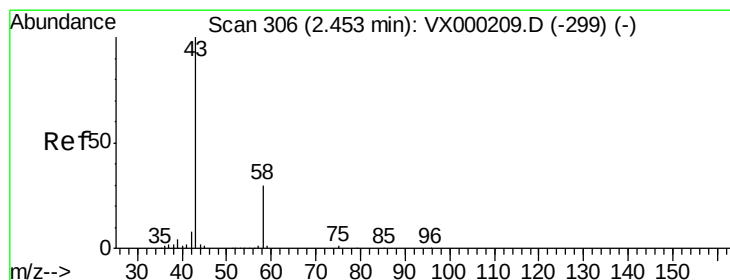
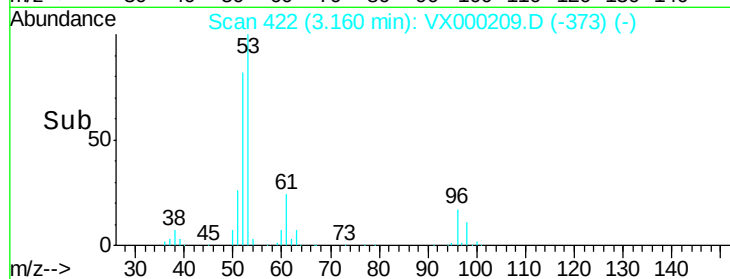
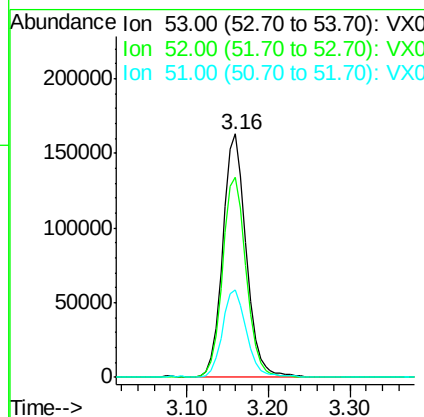
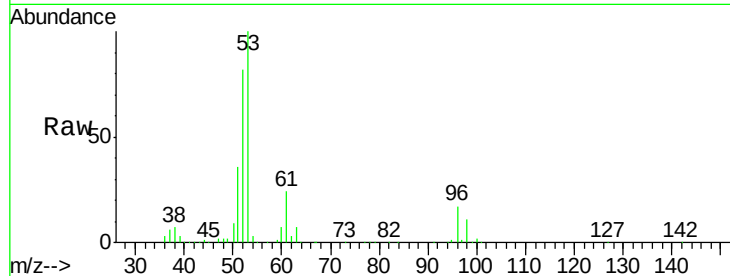
ClientSampled :

VSTDICCC050

Tot Ion:	53	Resp:	324051
Ion Ratio		Lower	Upper
53	100		
52	82.9	66.3	99.5
51	37.0	29.6	44.4

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#16

Acetone

Concen: 278.05 ug/l

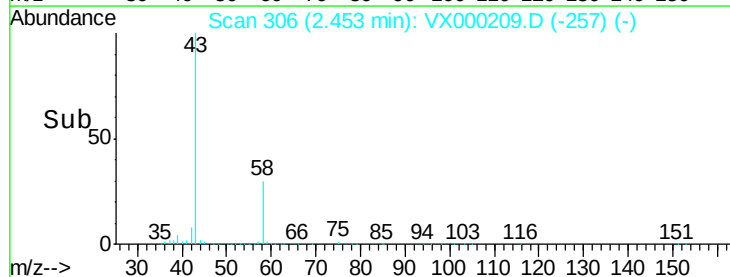
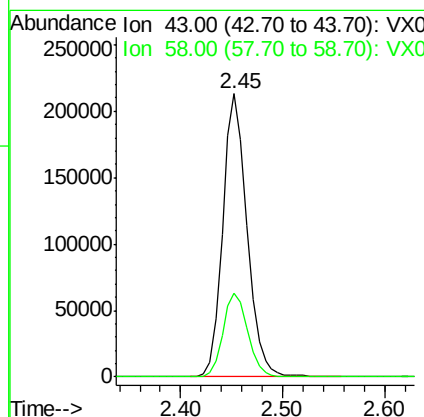
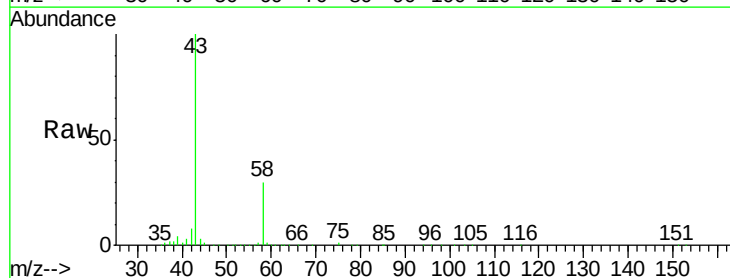
RT: 2.45 min Scan# 306

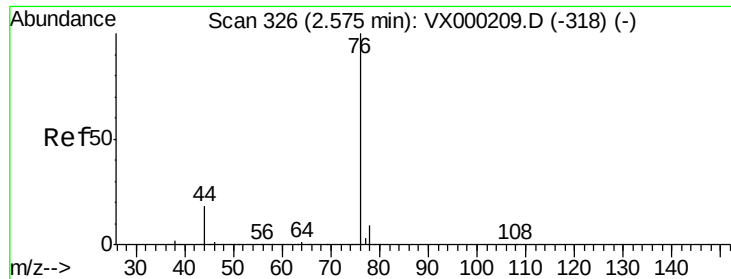
Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

Tgt Ion:	43	Resp:	350802
Ion Ratio		Lower	Upper
43	100		
58	29.7	23.8	35.6





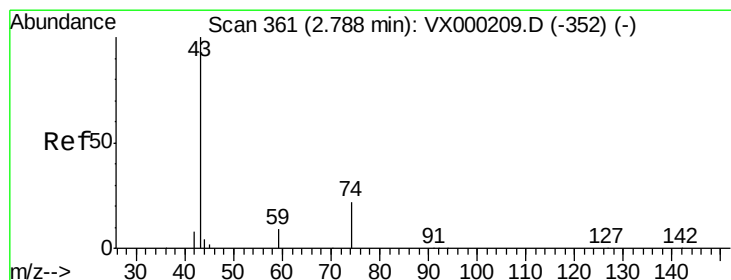
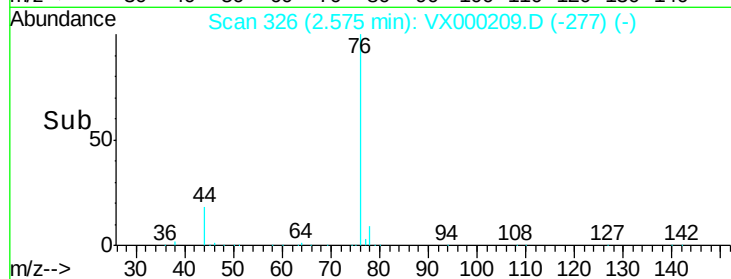
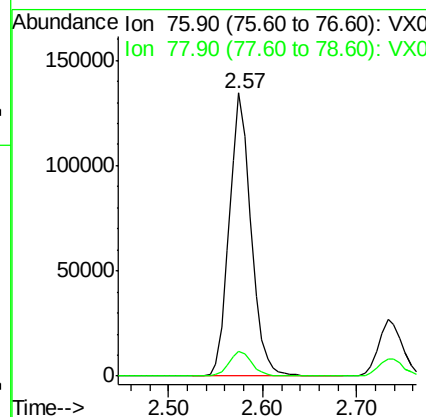
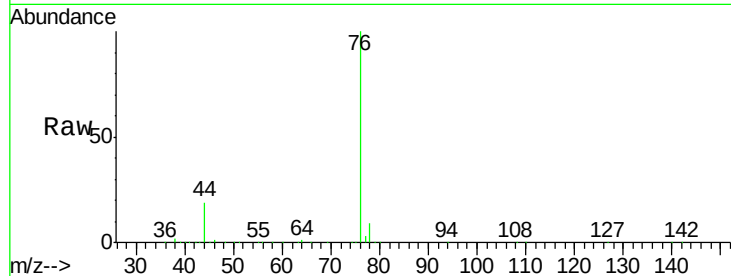
#17
Carbon Disulfide
Concen: 46.53 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.0	10.6

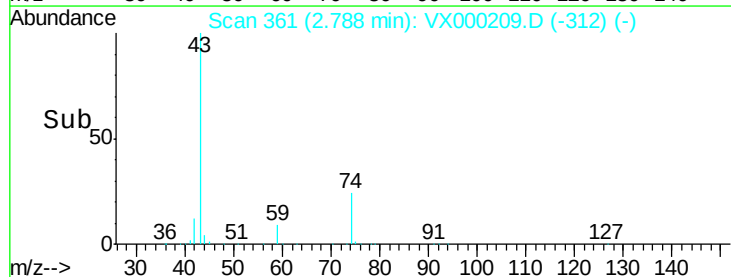
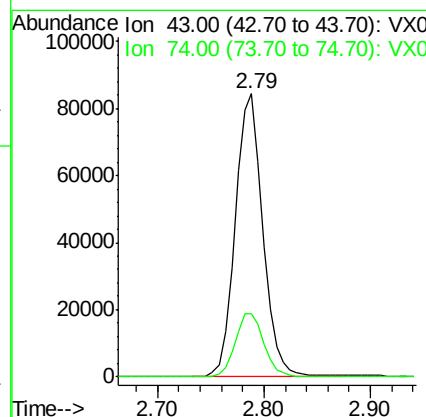
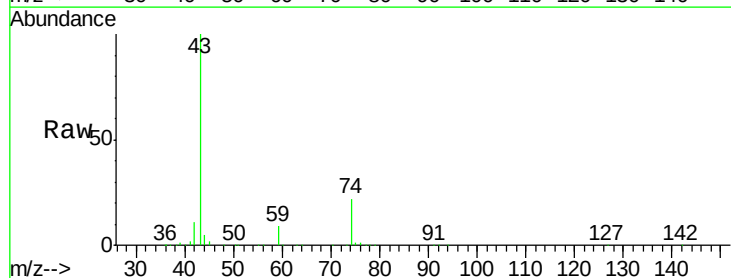
Manual Integrations
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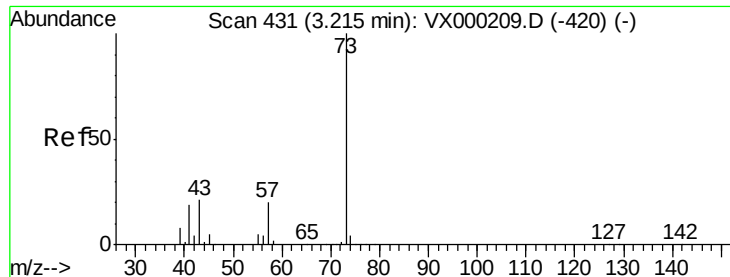
apatel
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#18
Methyl Acetate
Concen: 52.29 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.6	18.9	28.3





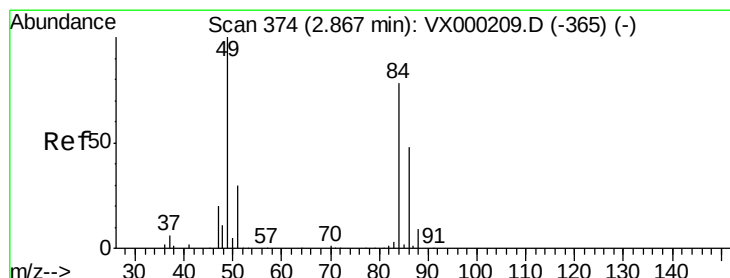
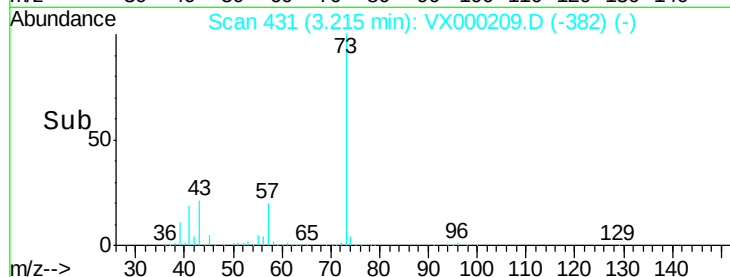
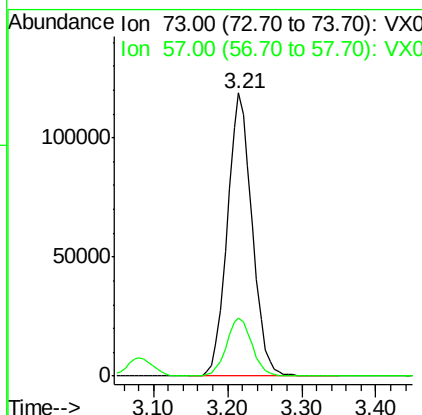
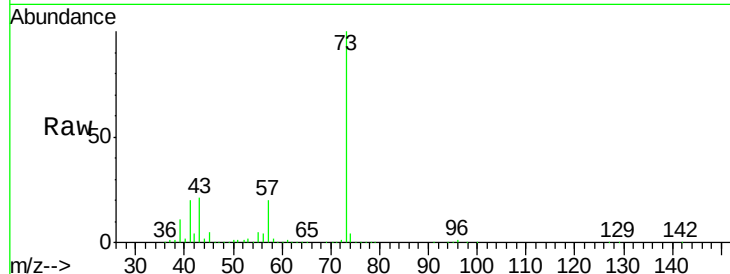
#19
Methyl tert-butyl Ether
Concen: 50.52 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.4	16.3	24.5

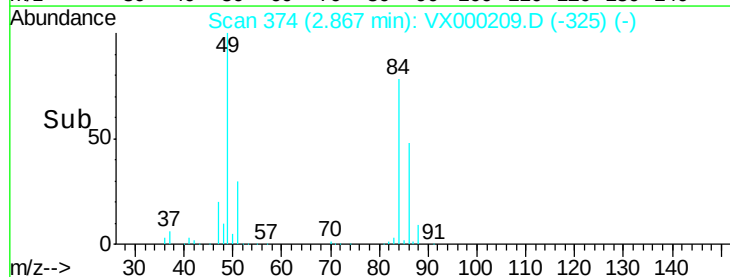
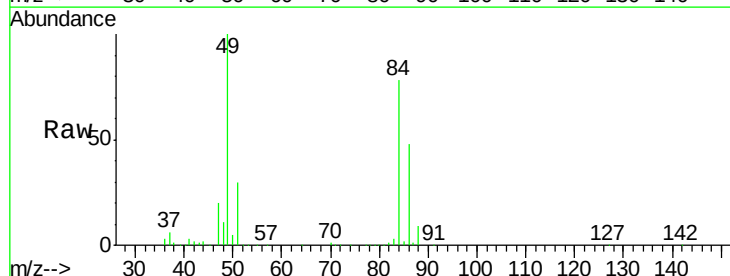
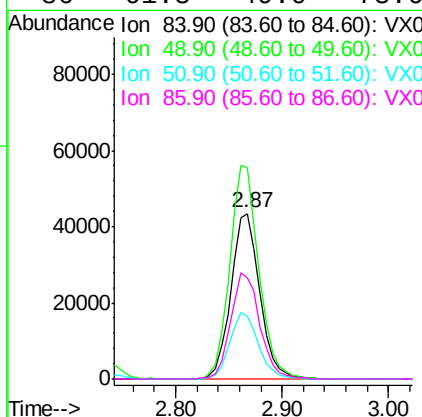
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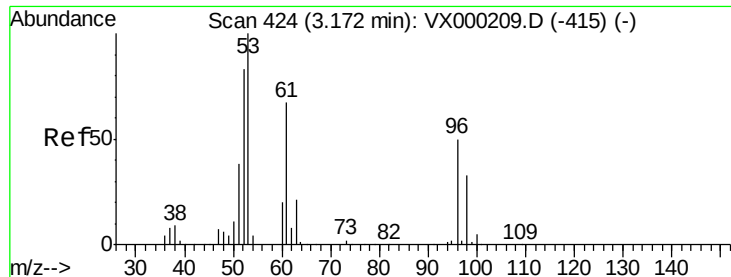
apatel
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#20
Methylene Chloride
Concen: 46.90 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.6	102.1	153.1
51	38.2	30.6	45.8
86	61.3	49.0	73.6





#21

trans-1,2-Dichloroethene

Concen: 49.97 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

Instrument :

MSVOA_X

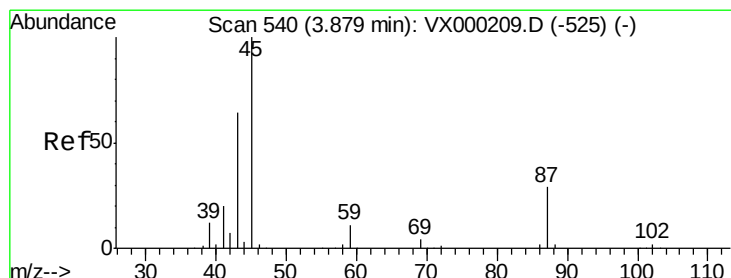
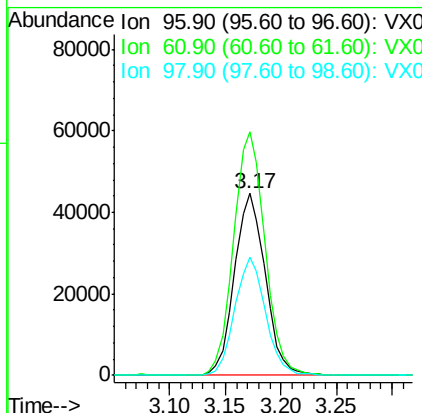
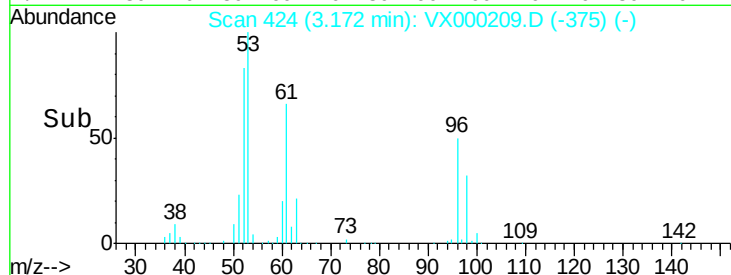
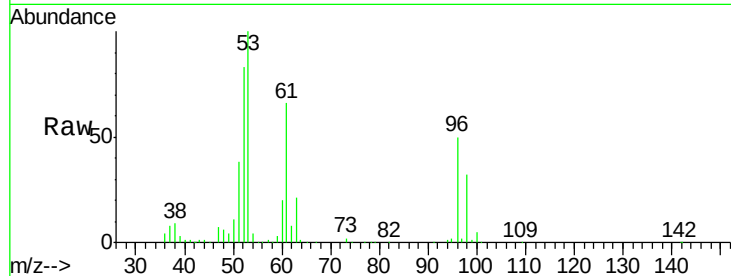
ClientSampleId :

VSTDICCC050

Tot Ion:	96	Resp:	85960
Ion	Ratio	Lower	Upper
96	100		
61	133.7	107.0	160.4
98	64.8	51.8	77.8

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#22

Diisopropyl ether

Concen: 47.55 ug/l

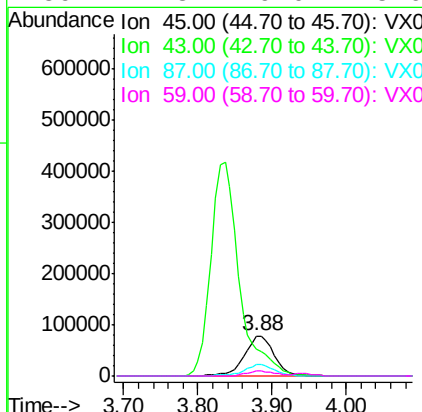
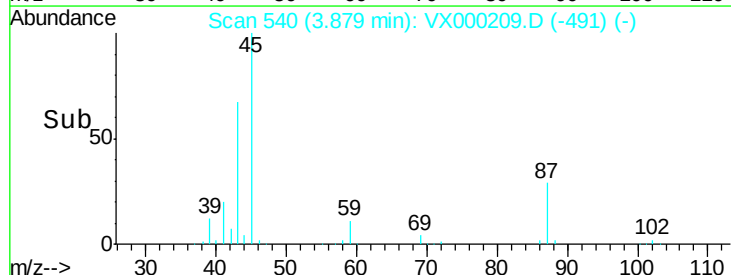
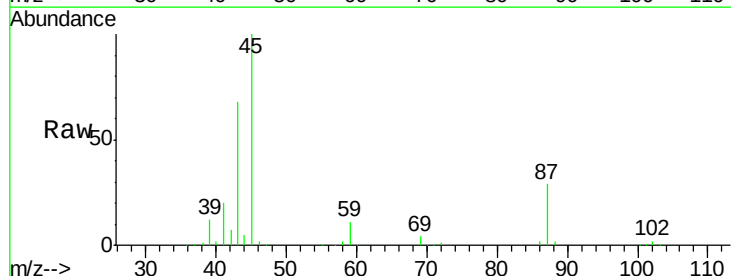
RT: 3.88 min Scan# 540

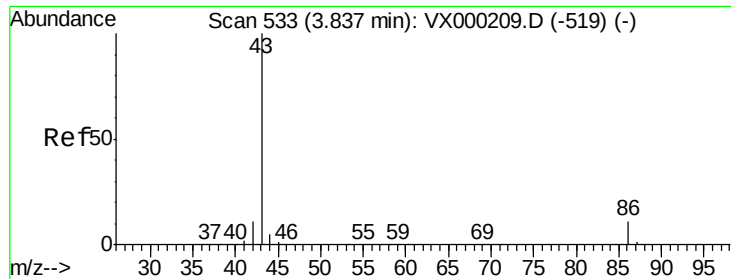
Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

Tgt Ion:	45	Resp:	219334
Ion	Ratio	Lower	Upper
45	100		
43	66.9	53.5	80.3
87	29.1	23.3	34.9
59	11.3	9.0	13.6





#23

Vinyl Acetate

Concen: 254.95 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion: 43 Resp: 1107679

Ion Ratio Lower Upper

43 100

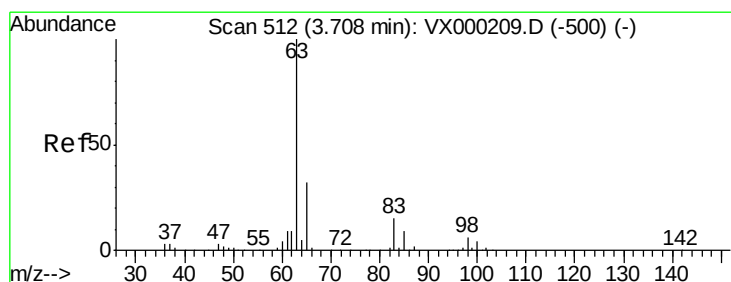
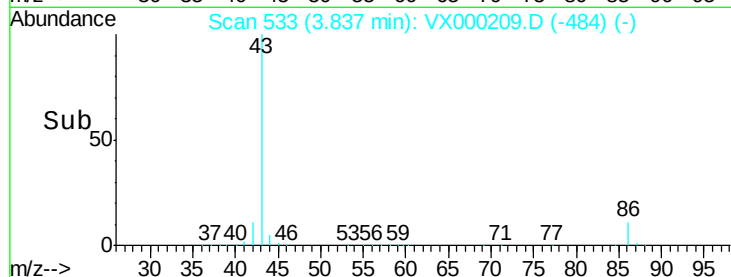
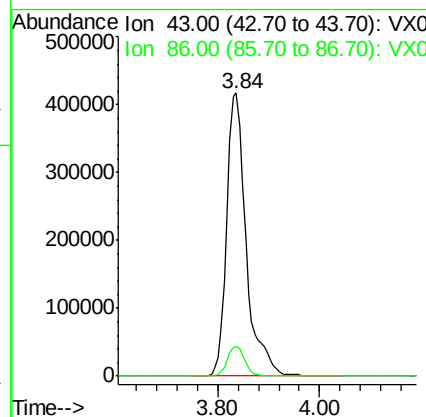
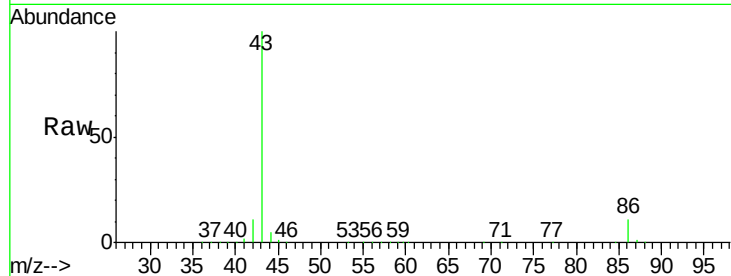
86 10.6 8.5 12.7

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 52.42 ug/l

RT: 3.71 min Scan# 512

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

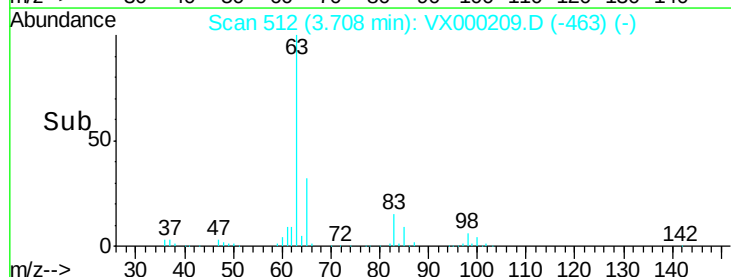
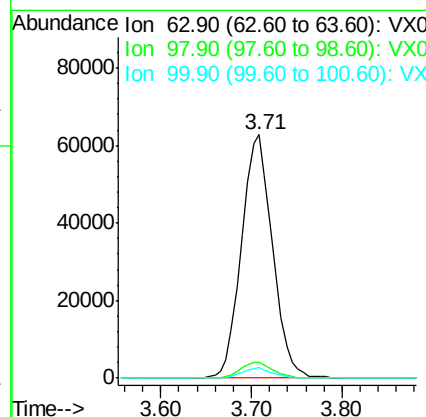
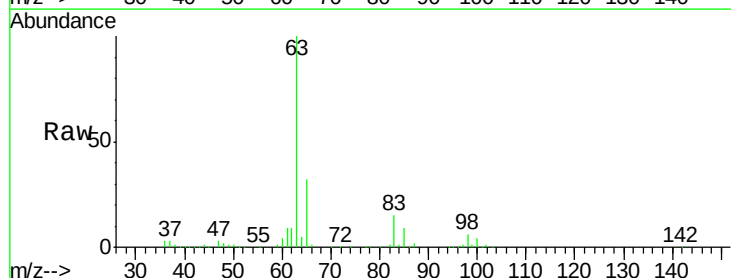
Tgt Ion: 63 Resp: 148701

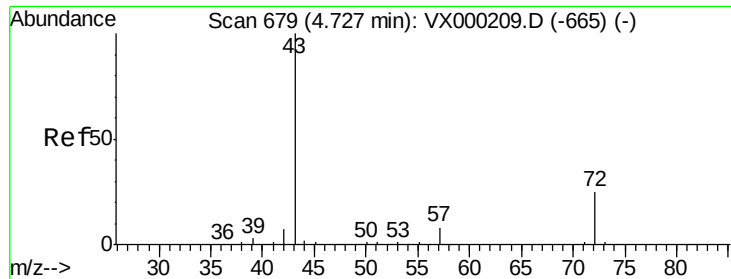
Ion Ratio Lower Upper

63 100

98 6.3 3.1 9.4

100 4.4 2.2 6.6





#25

2-Butanone

Concen: 254.60 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 439210

Ion Ratio Lower Upper

43 100

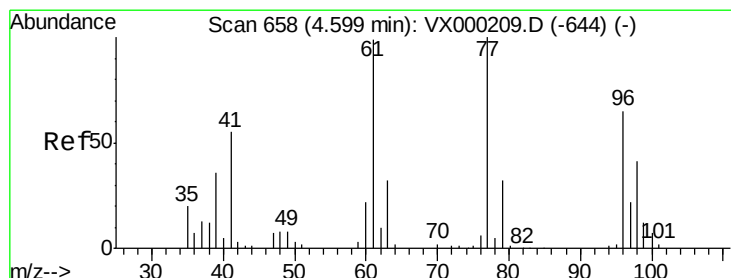
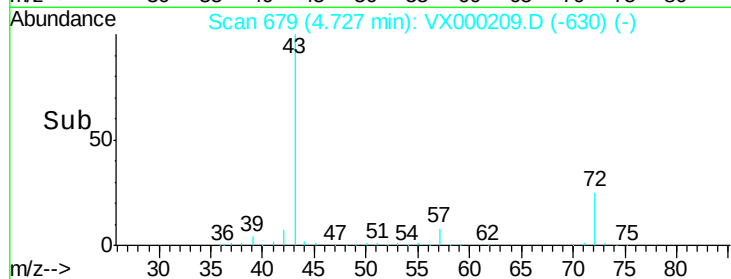
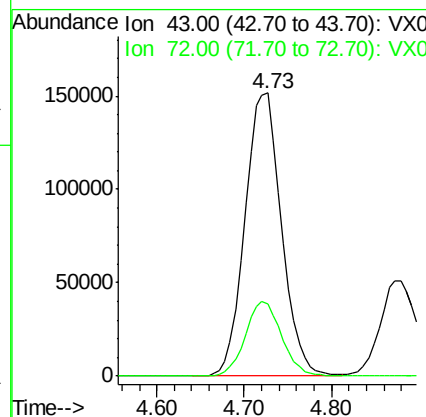
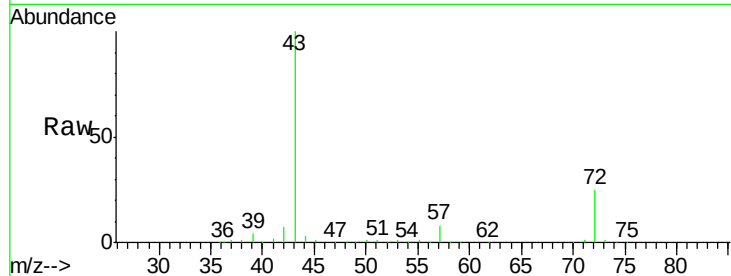
72 25.2 20.2 30.2

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#26

2,2-Dichloropropane

Concen: 47.31 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX000209.D

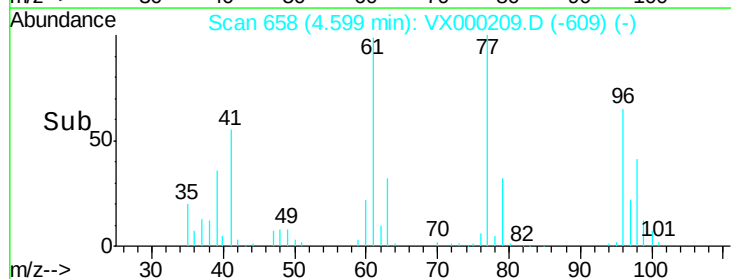
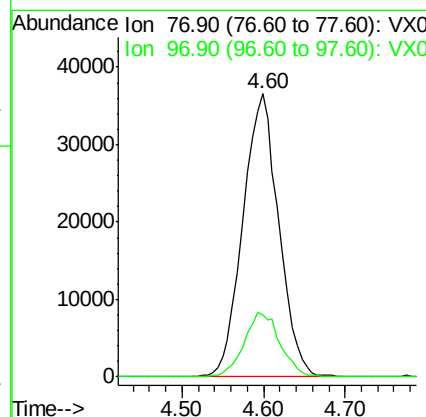
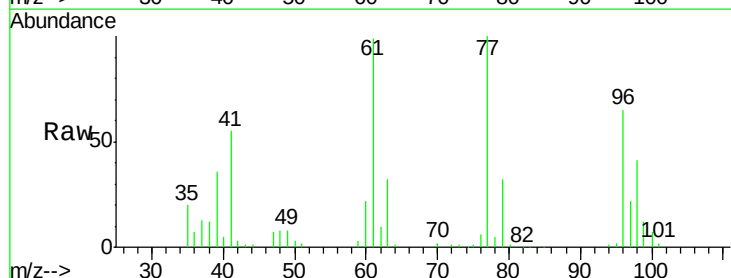
Acq: 07 Mar 2018 13:26

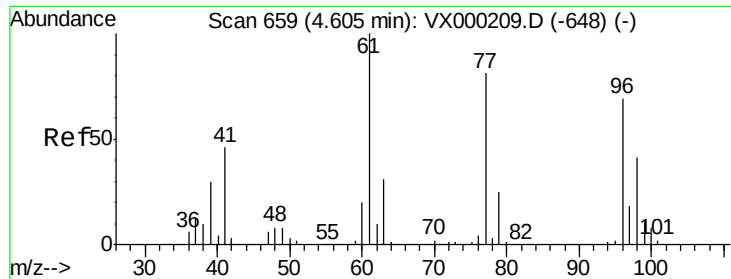
Tgt Ion: 77 Resp: 111649

Ion Ratio Lower Upper

77 100

97 22.7 11.4 34.1





#27

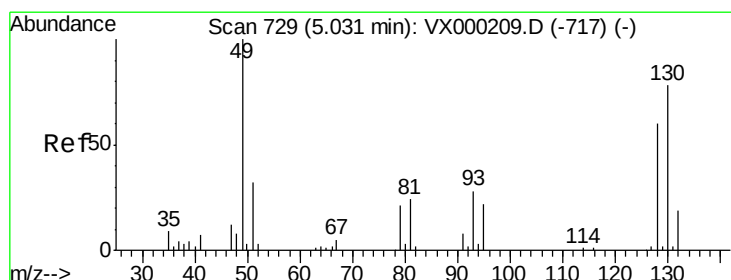
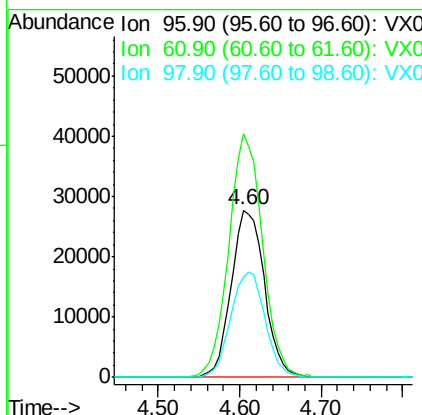
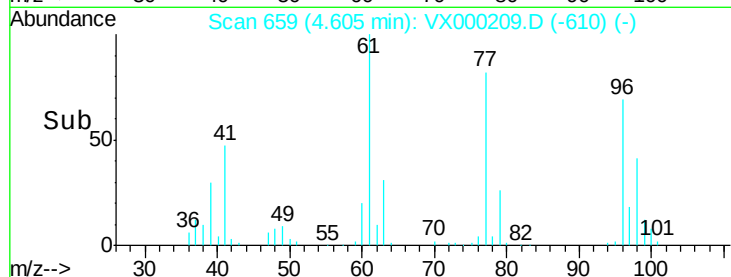
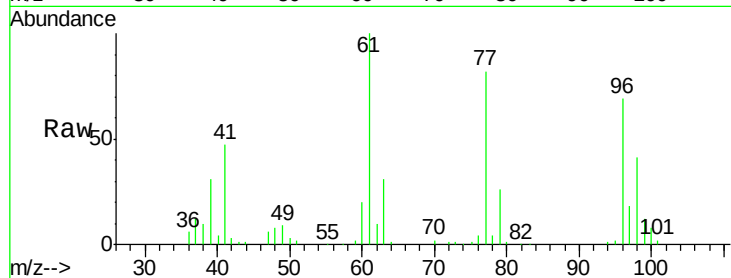
cis-1,2-Dichloroethene
Concen: 48.11 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.2	0.0	296.4
98	65.3	0.0	130.6

Manual Integrations
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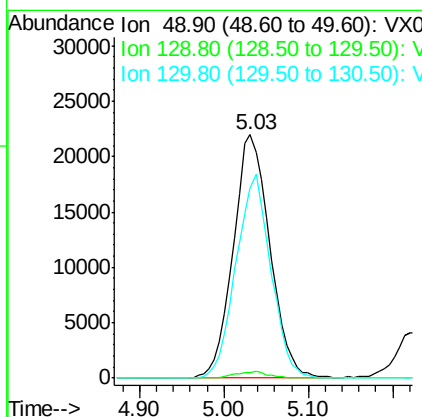
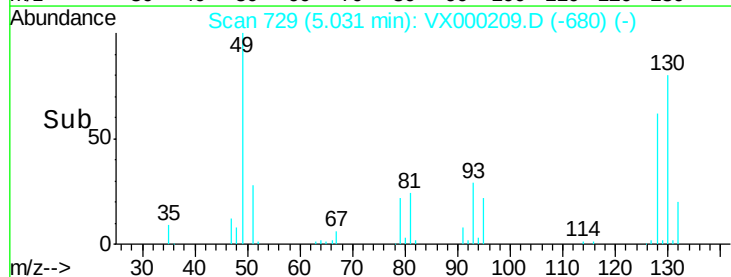
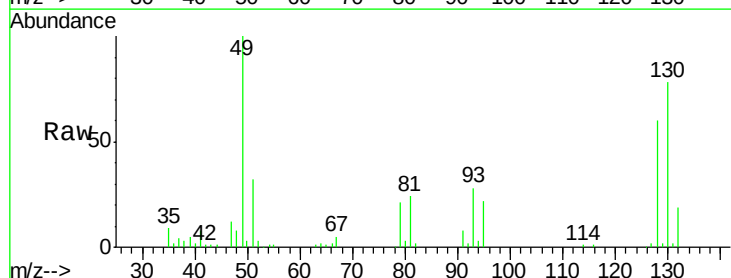
apatel
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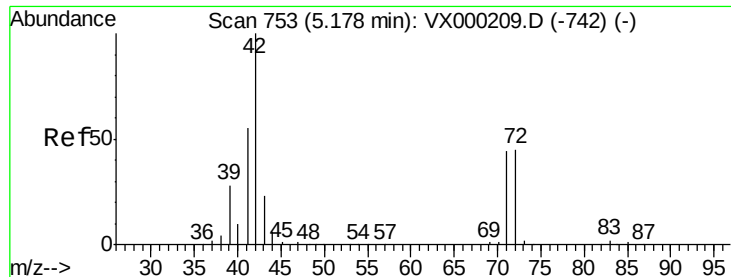


#28

Bromochloromethane
Concen: 52.01 ug/l
RT: 5.03 min Scan# 729
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.0
130	79.4	63.5	95.3





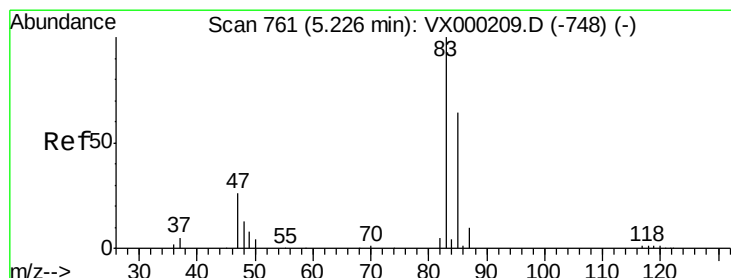
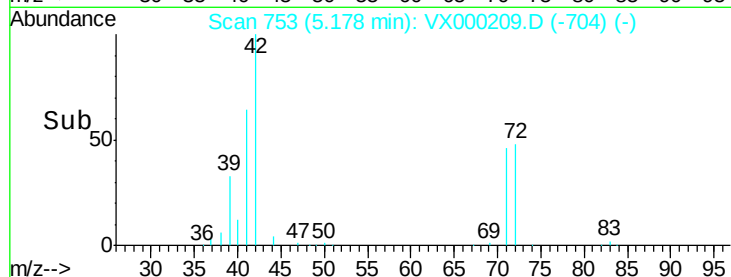
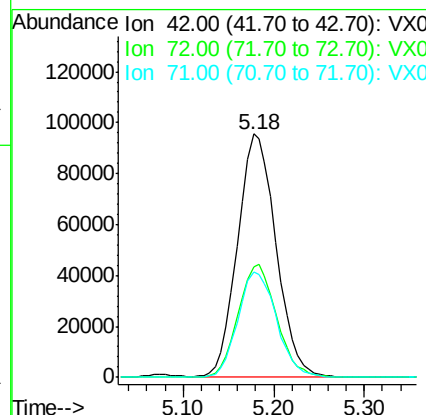
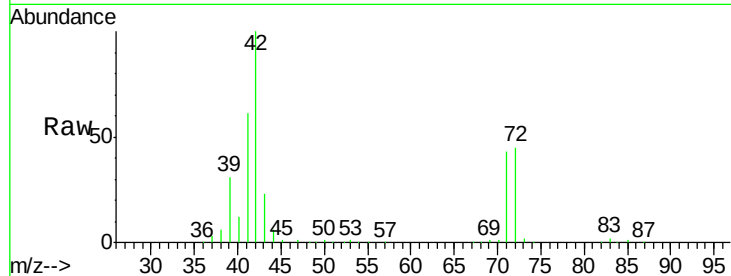
#29
Tetrahydrofuran
Concen: 250.74 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.6	37.3	55.9
71	43.7	35.0	52.4

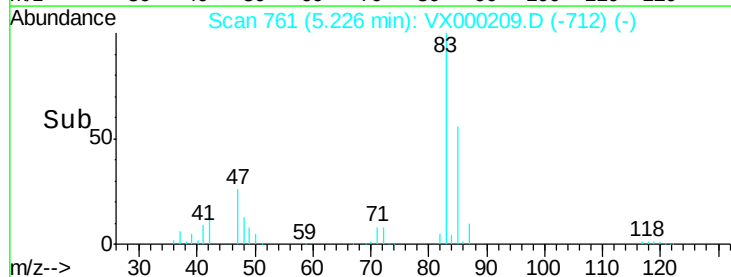
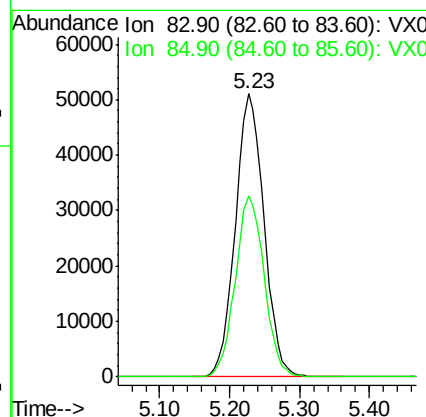
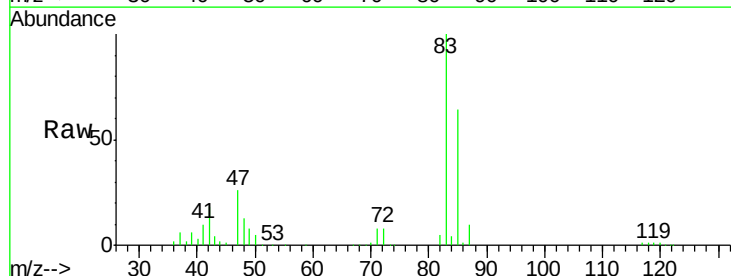
Manual Integrations
APPROVED

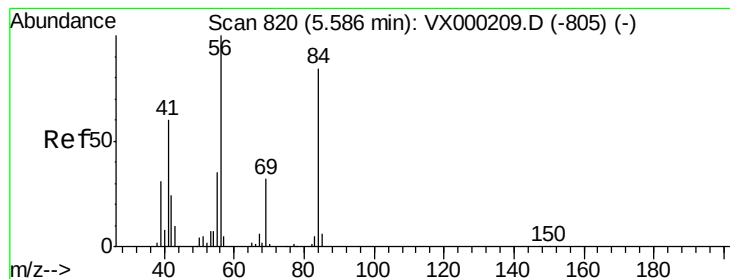
apatel
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#30
Chloroform
Concen: 50.22 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.0	76.6





#31

Cyclohexane

Concen: 49.28 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

Instrument :

MSVOA_X

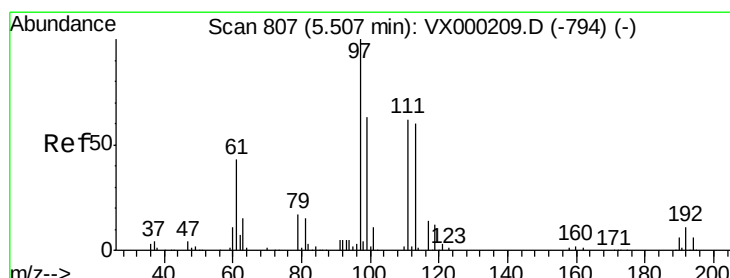
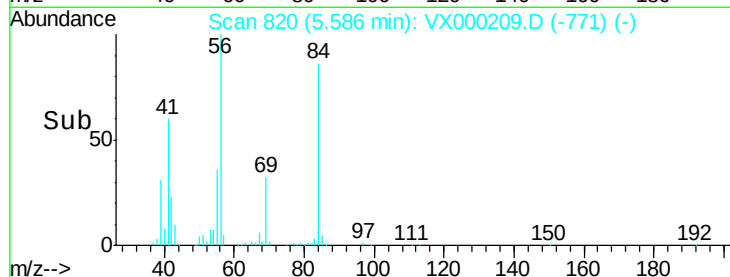
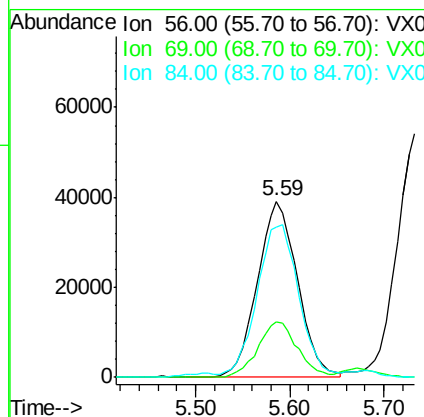
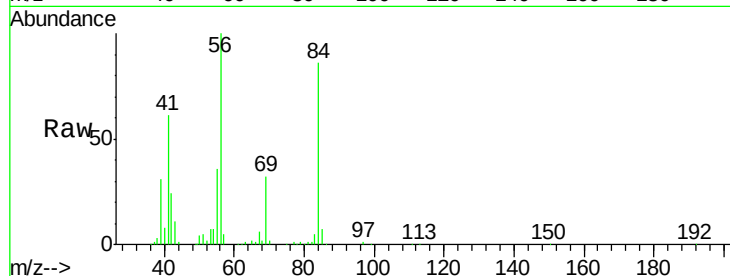
ClientSampleId :

VSTDICCC050

Tot Ion:	56	Resp:	116767
Ion	Ratio	Lower	Upper
56	100		
69	31.6	25.3	37.9
84	84.0	67.2	100.8

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 50.10 ug/l

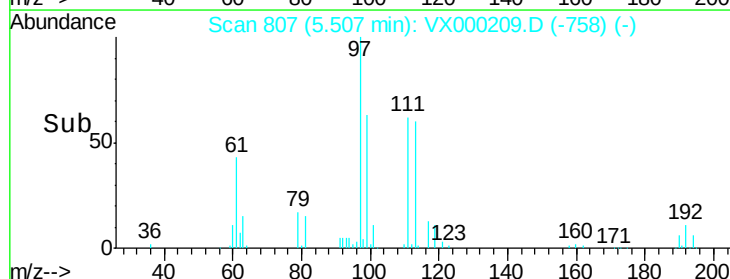
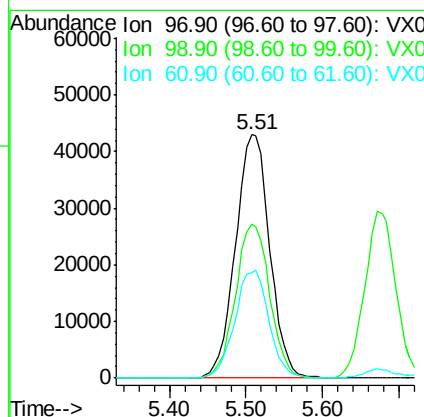
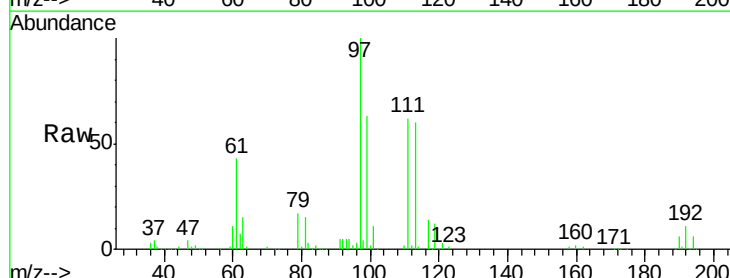
RT: 5.51 min Scan# 807

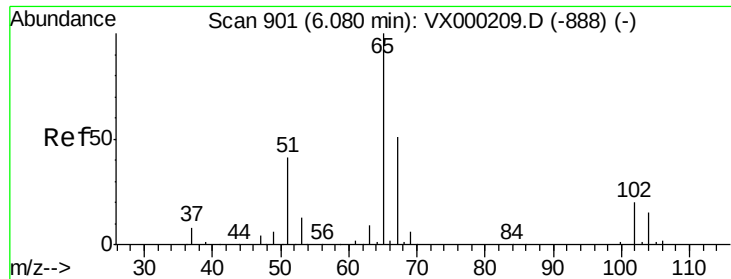
Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

Tgt Ion:	97	Resp:	132832
Ion	Ratio	Lower	Upper
97	100		
99	63.6	50.9	76.3
61	44.2	35.4	53.0





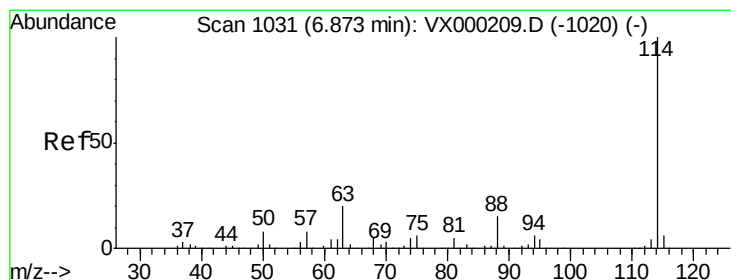
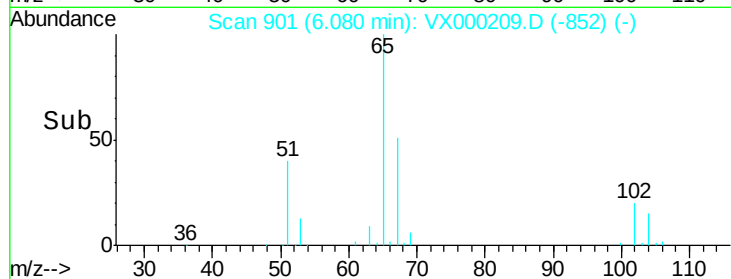
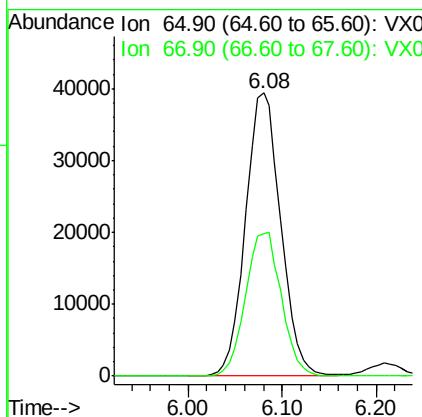
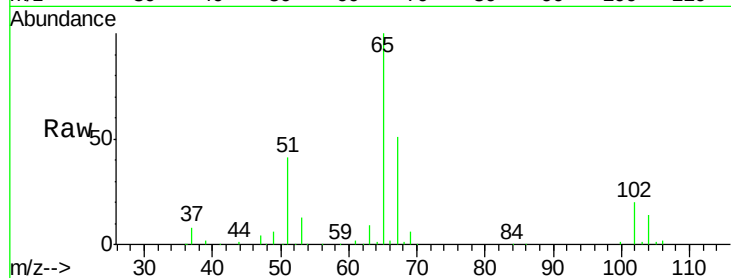
#33
 1,2-Dichloroethane-d4
 Concen: 53.89 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000209.D
 Acq: 07 Mar 2018 13:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	103.4

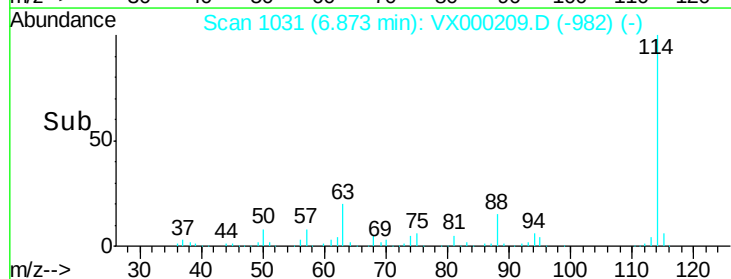
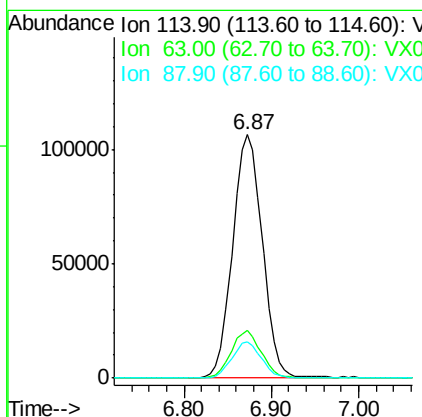
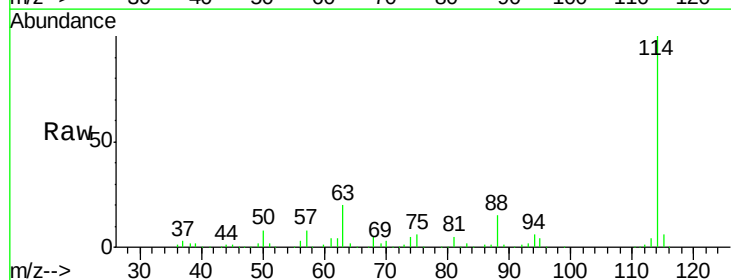
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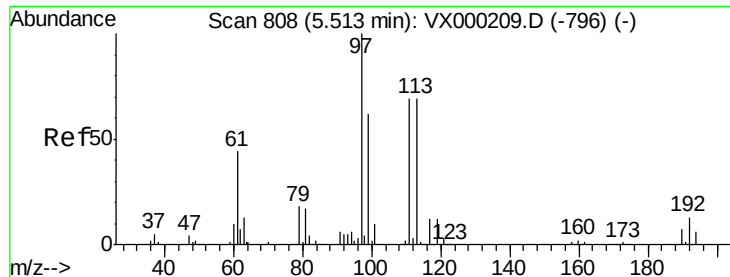
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000209.D
 Acq: 07 Mar 2018 13:26

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.2
88	14.9	0.0	29.8





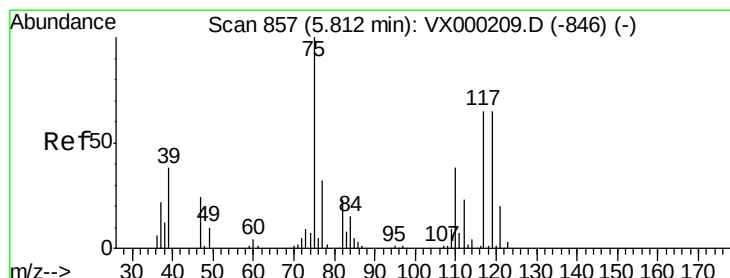
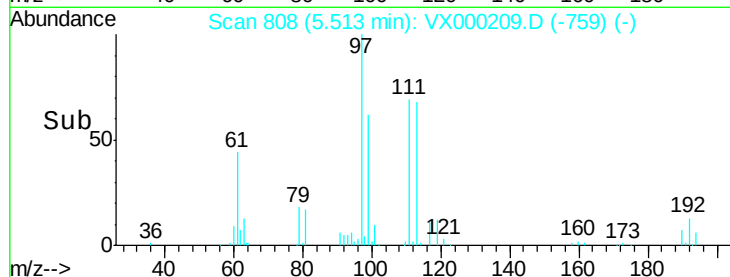
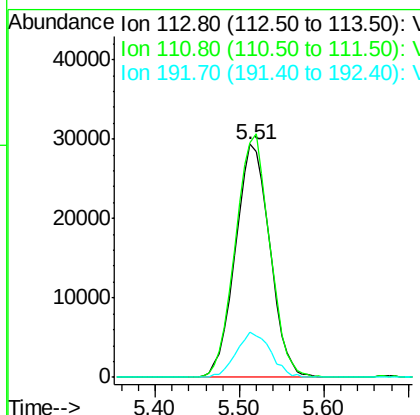
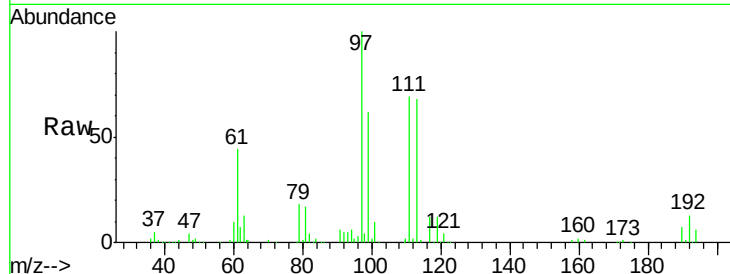
#35
 Dibromofluoromethane
 Concen: 50.85 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX000209.D
 Acq: 07 Mar 2018 13:26

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.0	124.6
192	19.4	15.5	23.3

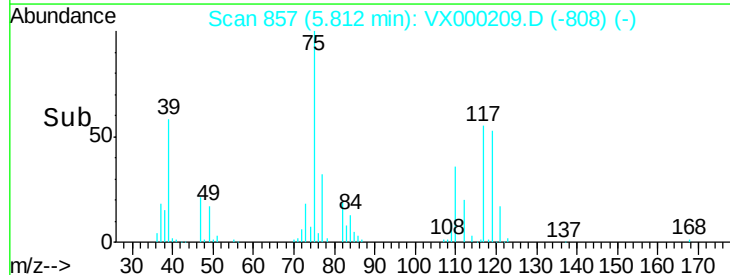
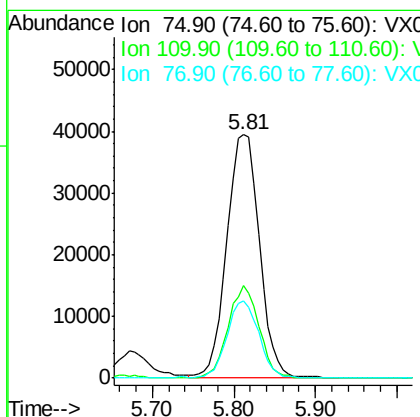
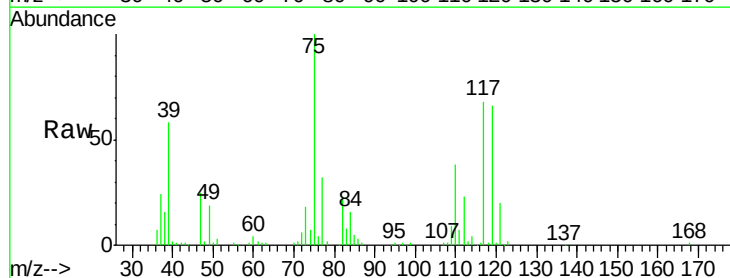
Manual Integrations
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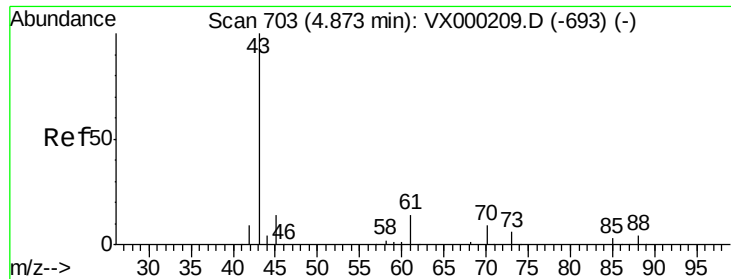
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#36
 1,1-Dichloropropene
 Concen: 48.12 ug/l
 RT: 5.81 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: VX000209.D
 Acq: 07 Mar 2018 13:26

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.7	17.8	53.5
77	31.1	24.9	37.3





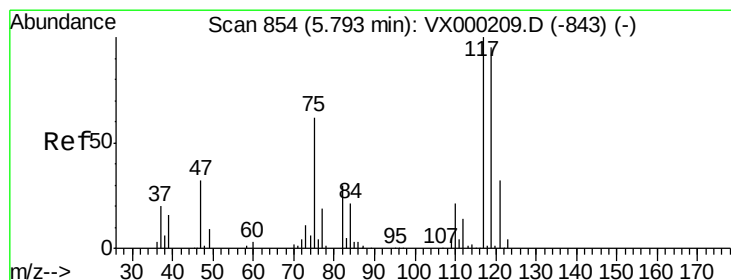
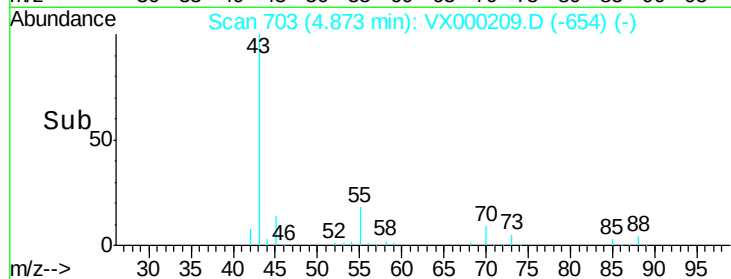
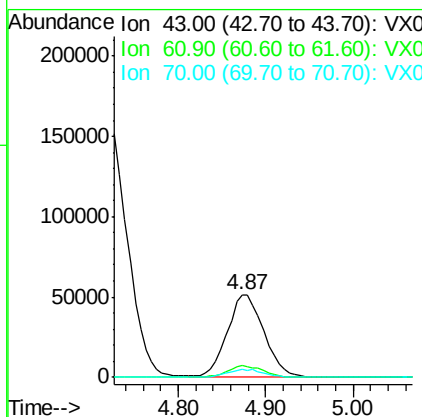
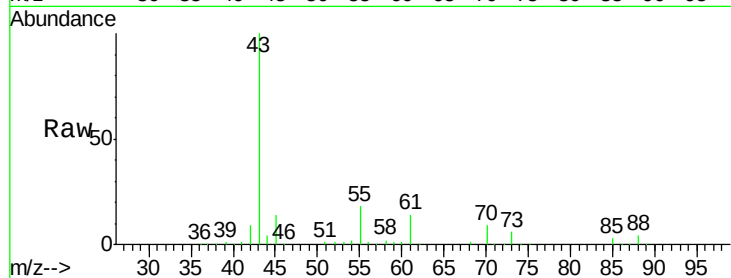
#37
Ethyl Acetate
Concen: 47.77 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion	43	Resp	149759
Ion Ratio	100	Lower	Upper
43	100		
61	13.8	11.0	16.6
70	9.7	7.8	11.6

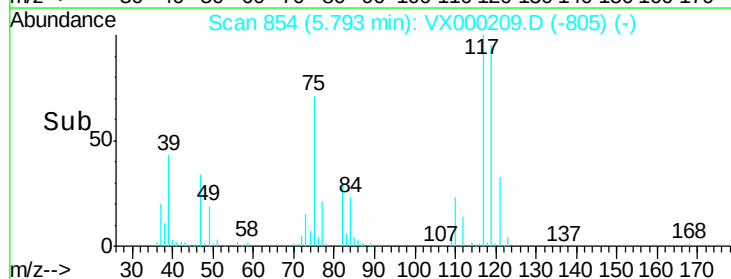
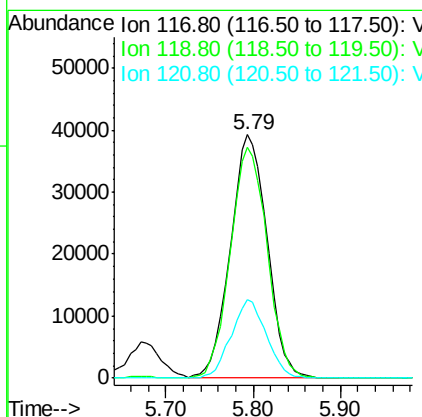
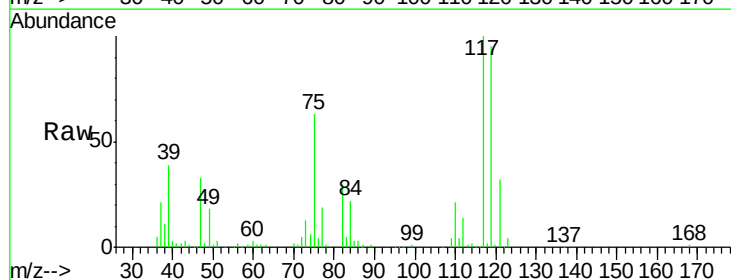
Manual Integrations
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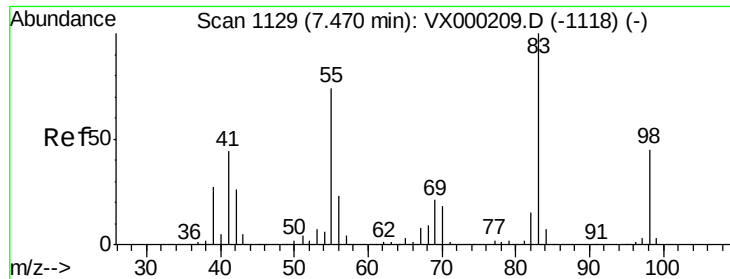
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#38
Carbon Tetrachloride
Concen: 47.30 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Tgt Ion	117	Resp	114833
Ion Ratio	100	Lower	Upper
117	100		
119	94.9	75.9	113.9
121	32.2	25.8	38.6





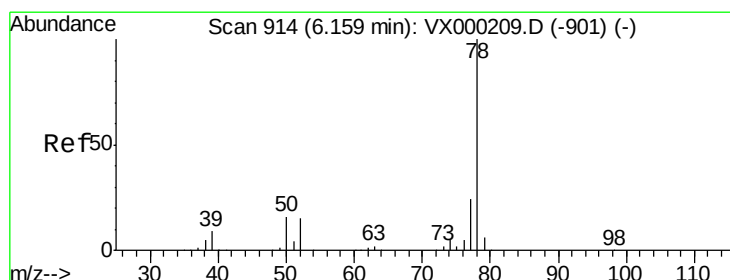
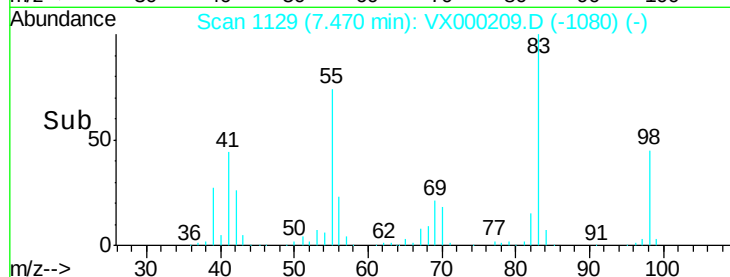
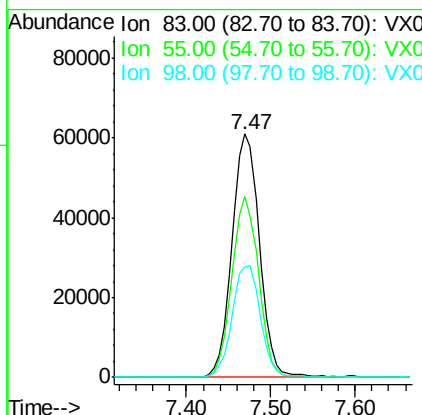
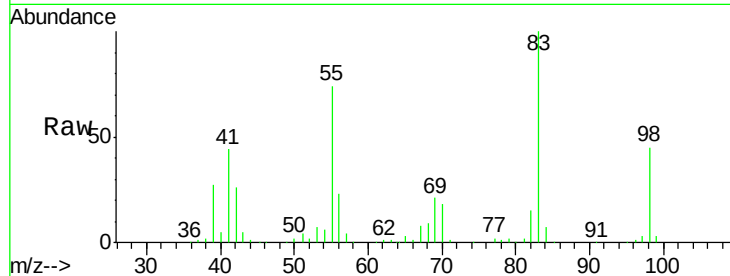
#39
Methylvlcyclohexane
Concen: 49.06 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	83	Resp	134577
Ion Ratio	100	Lower	Upper
83	100		
55	74.2	59.4	89.0
98	45.4	36.3	54.5

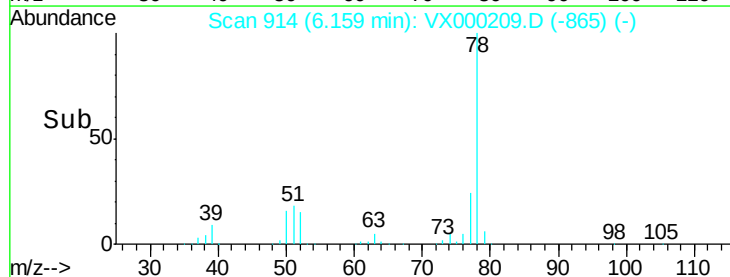
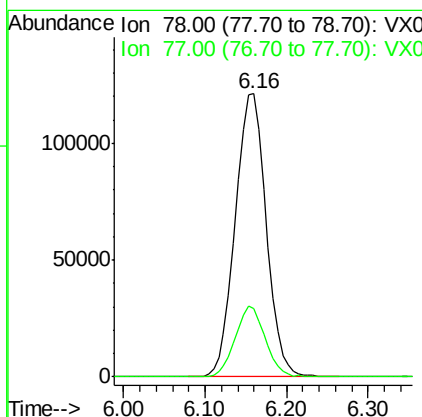
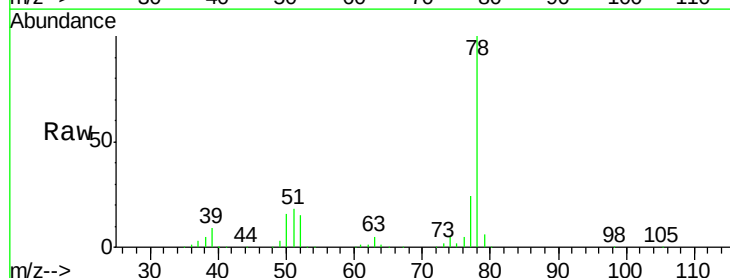
Manual Integrations
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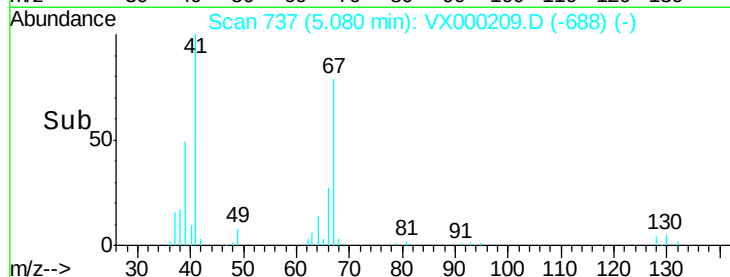
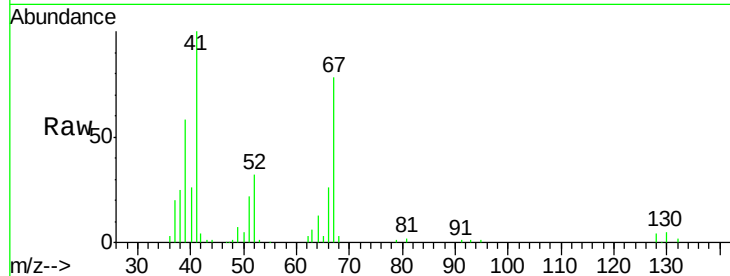
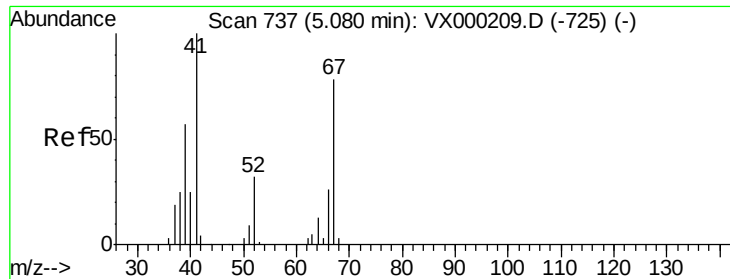
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#40
Benzene
Concen: 49.06 ug/l
RT: 6.16 min Scan# 914
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

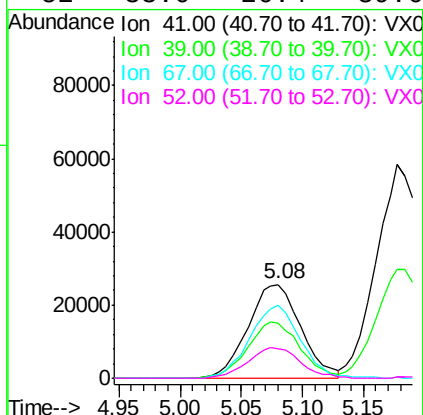
Tgt Ion	78	Resp	319092
Ion Ratio	100	Lower	Upper
78	100		
77	24.3	19.4	29.2





#41
Methacrylonitrile
Concen: 46.98 ug/l
RT: 5.08 min Scan# 737
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

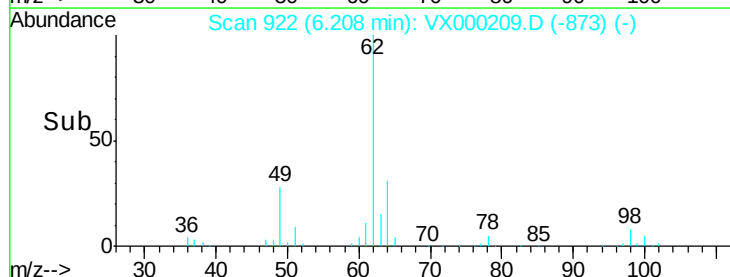
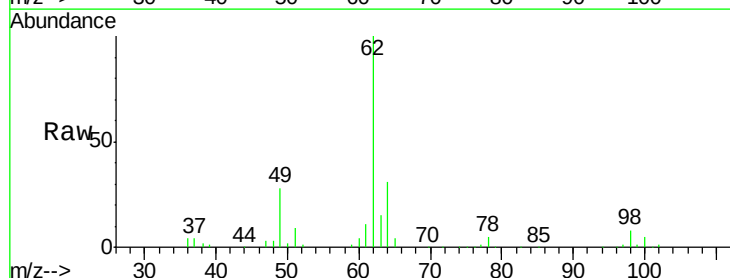
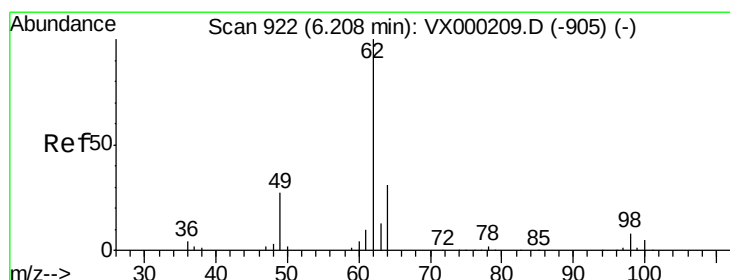
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	59.7	47.8	71.6	
67	74.1	59.3	88.9	
52	33.0	26.4	39.6	



Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

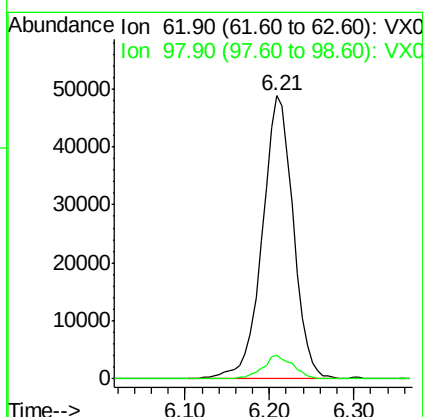
Manual Integrations
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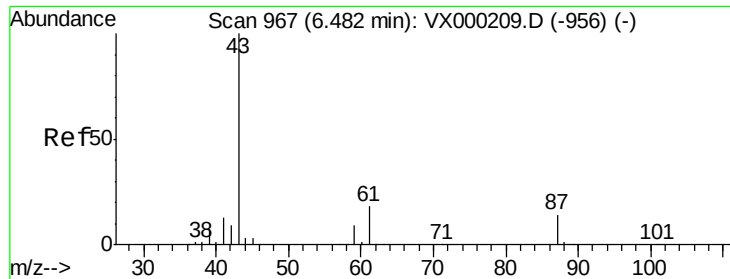
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#42
1,2-Dichloroethane
Concen: 51.53 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.1	0.0	16.2	





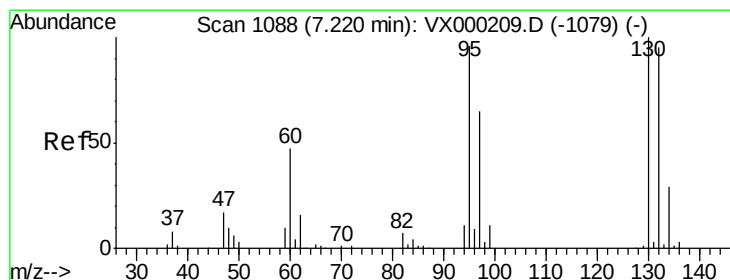
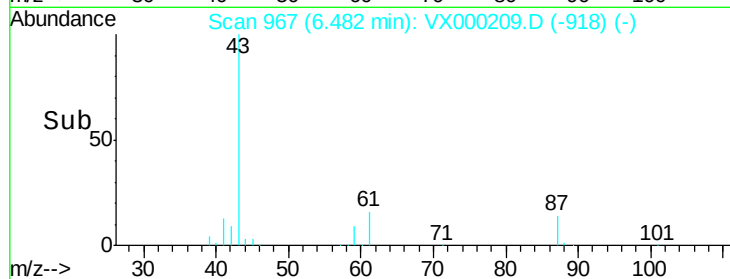
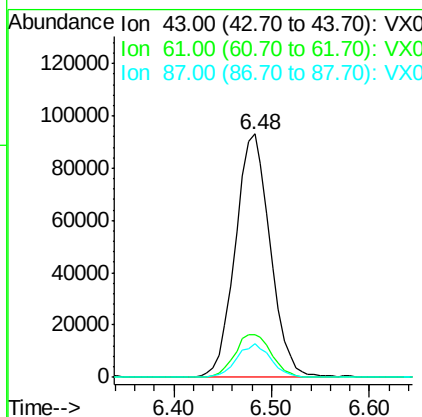
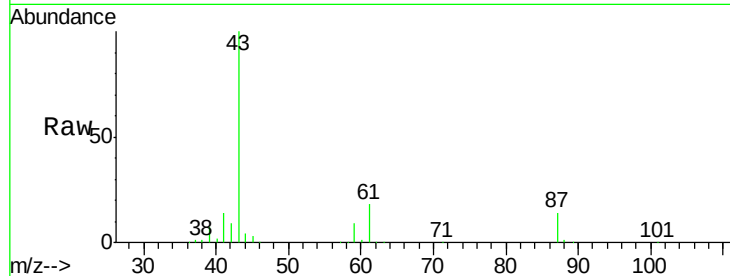
#43
Isopropyl Acetate
Concen: 50.57 ug/l
RT: 6.48 min Scan# 967
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.5	14.8	22.2
87	13.3	10.6	16.0

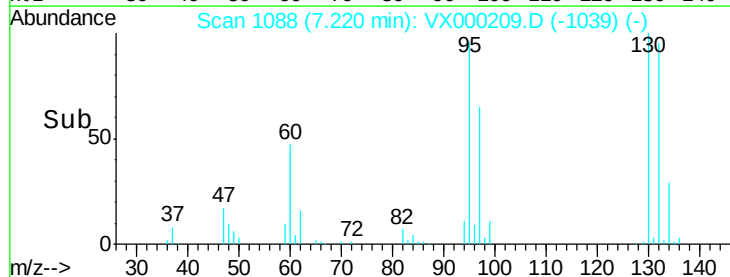
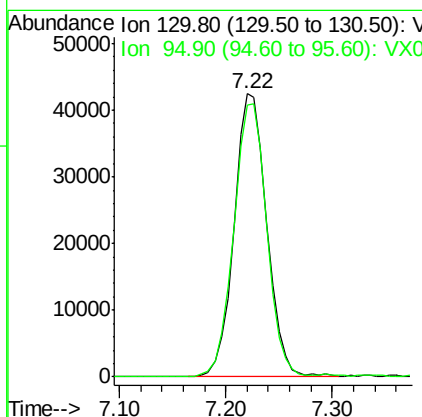
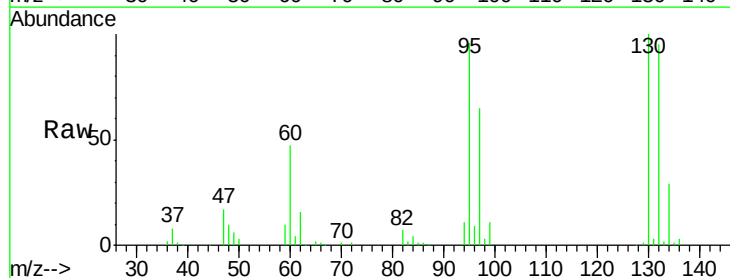
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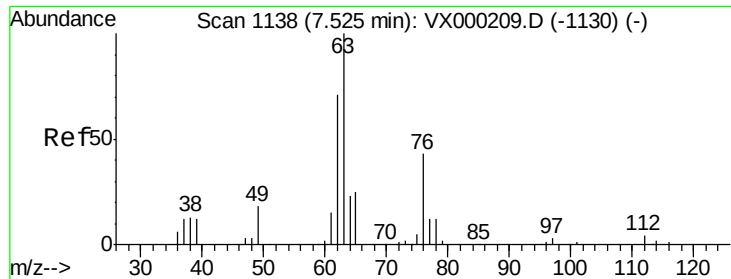
apatel
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#44
Trichloroethene
Concen: 47.96 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.9	0.0	191.8





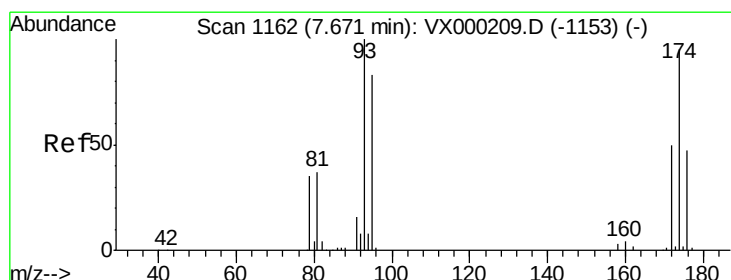
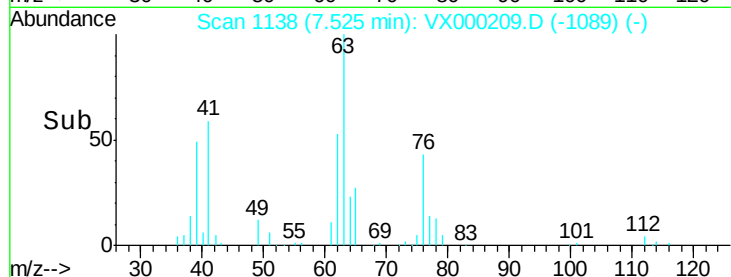
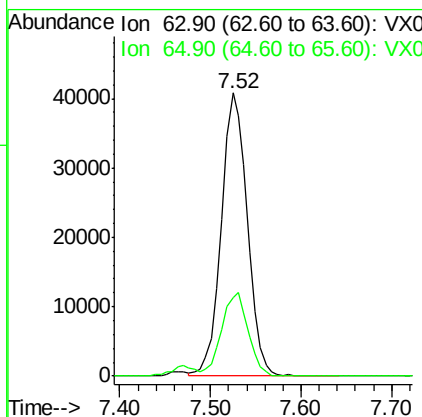
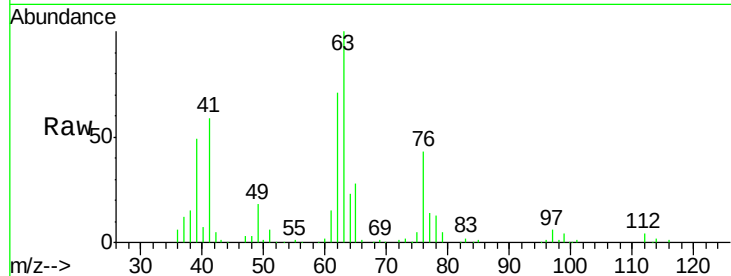
#45
 1,2-Dichloropropane
 Concen: 50.92 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX000209.D
 Acq: 07 Mar 2018 13:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion: 63 Resp: 81528
 Ion Ratio Lower Upper
 63 100
 65 27.9 22.3 33.5

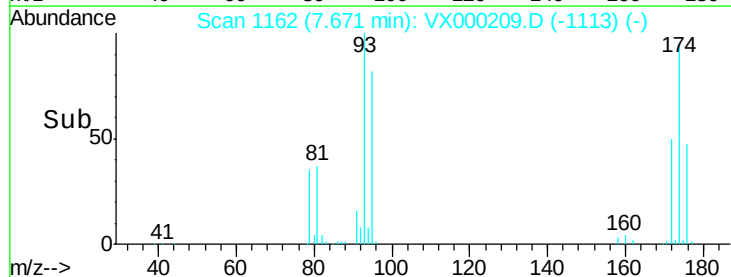
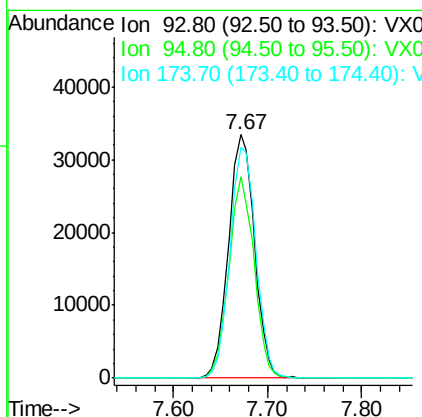
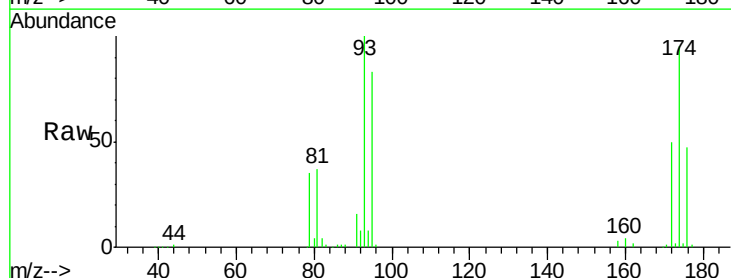
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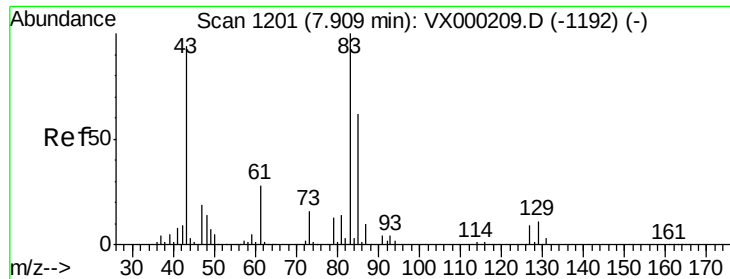
apatel
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#46
 Dibromomethane
 Concen: 51.38 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX000209.D
 Acq: 07 Mar 2018 13:26

Tgt Ion: 93 Resp: 64238
 Ion Ratio Lower Upper
 93 100
 95 80.1 64.1 96.1
 174 94.8 75.8 113.8





#47

Bromodichloromethane

Concen: 51.95 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

Instrument :

MSVOA_X

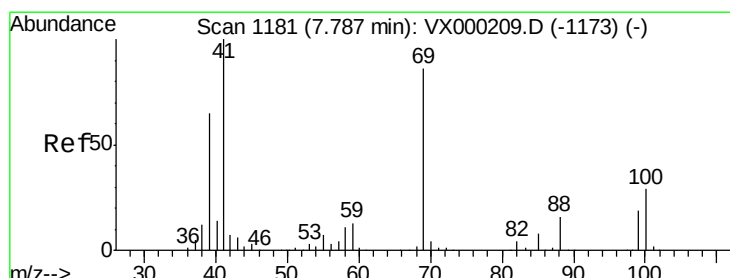
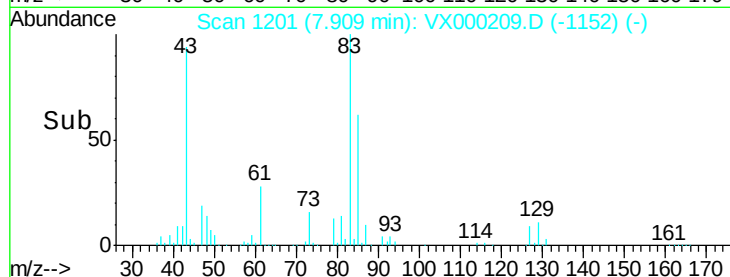
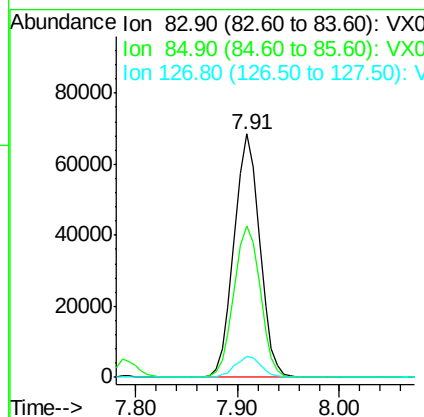
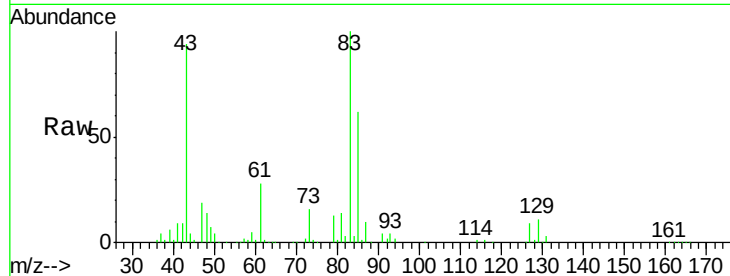
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	119687
Ion	Ratio	Lower	Upper
83	100		
85	62.0	49.6	74.4
127	8.7	7.0	10.4

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#48

Methyl methacrylate

Concen: 50.07 ug/l

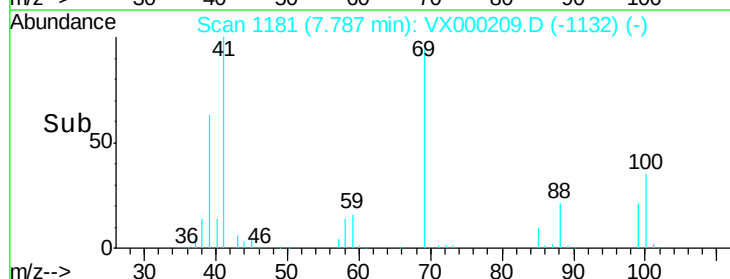
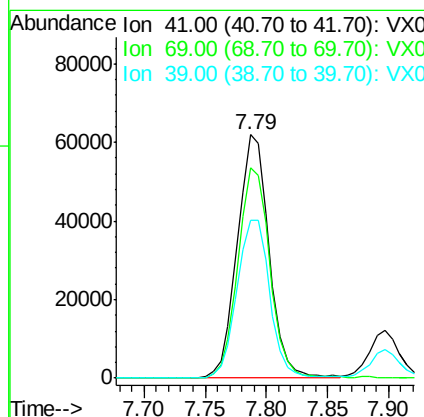
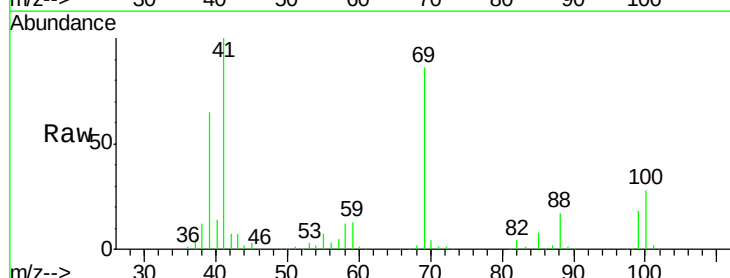
RT: 7.79 min Scan# 1181

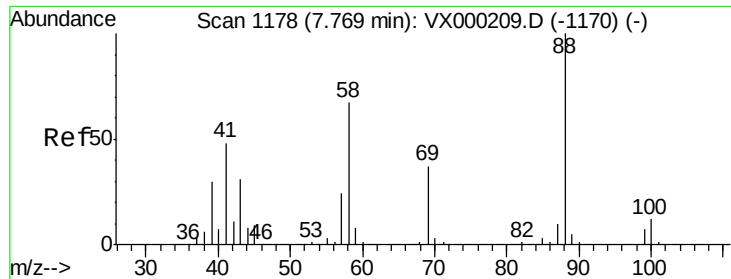
Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

Tgt Ion:	41	Resp:	111108
Ion	Ratio	Lower	Upper
41	100		
69	87.5	70.0	105.0
39	67.0	53.6	80.4





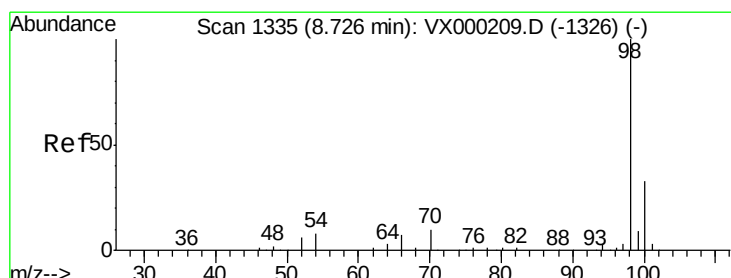
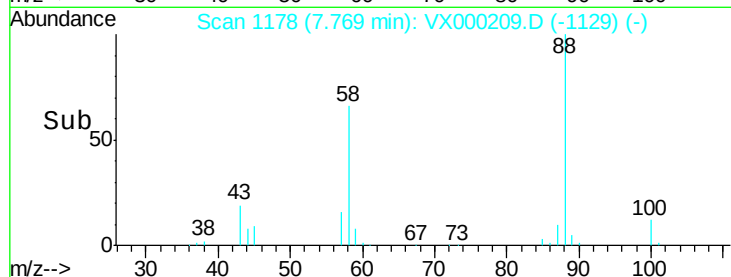
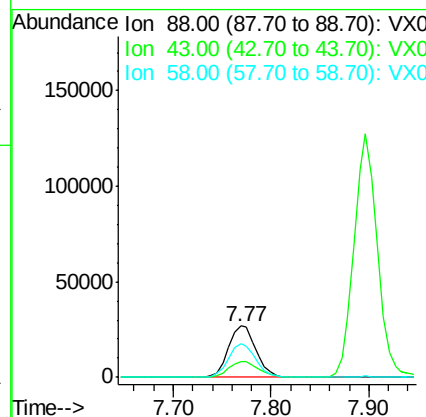
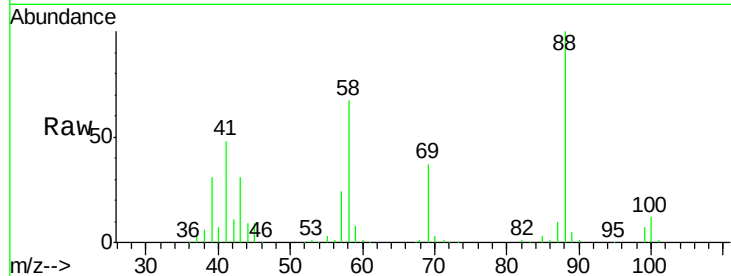
#49
1,4-Dioxane
Concen: 921.89 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.6	26.9	40.3
58	65.3	52.2	78.4

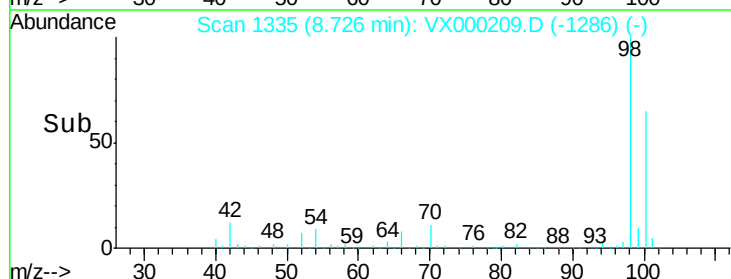
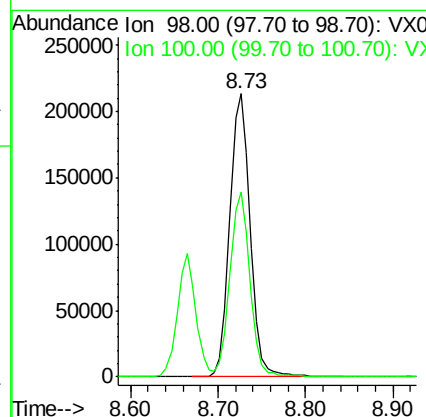
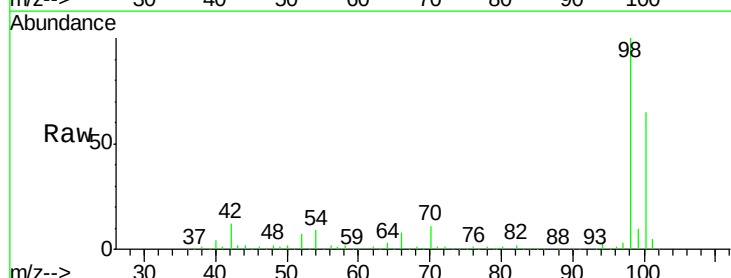
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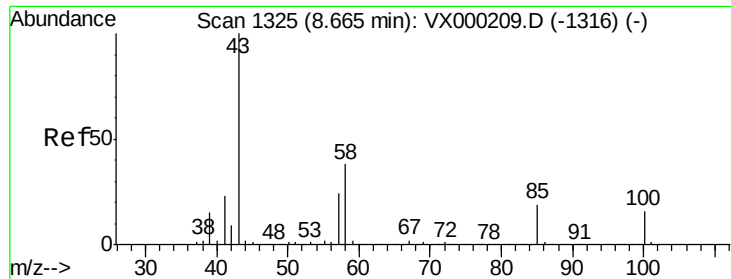
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#50
Toluene-d8
Concen: 53.64 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 267.41 ug/l

RT: 8.66 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion: 43 Resp: 895510

Ion Ratio Lower Upper

43 100

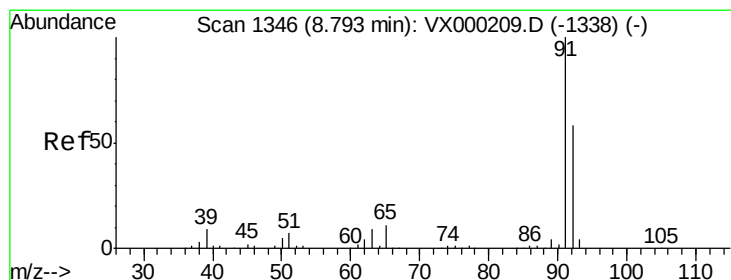
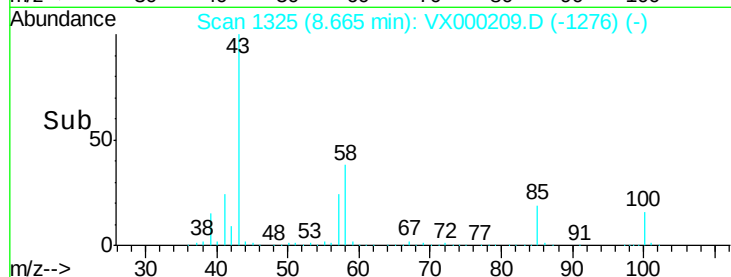
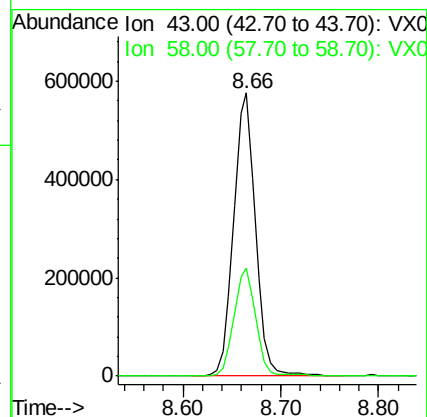
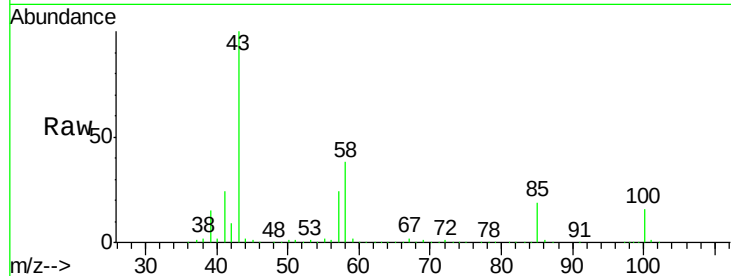
58 37.7 30.2 45.2

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#52

Toluene

Concen: 52.20 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000209.D

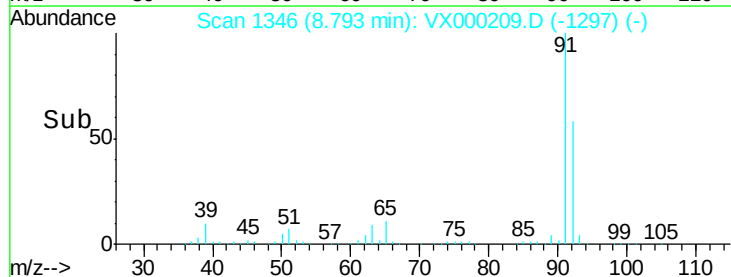
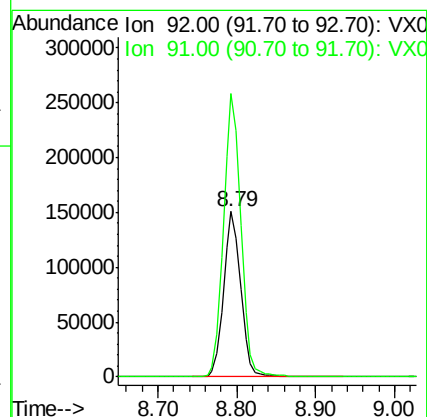
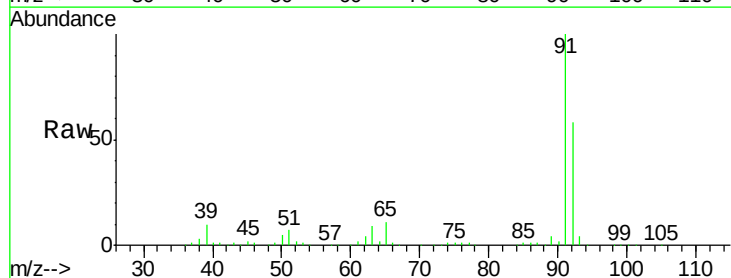
Acq: 07 Mar 2018 13:26

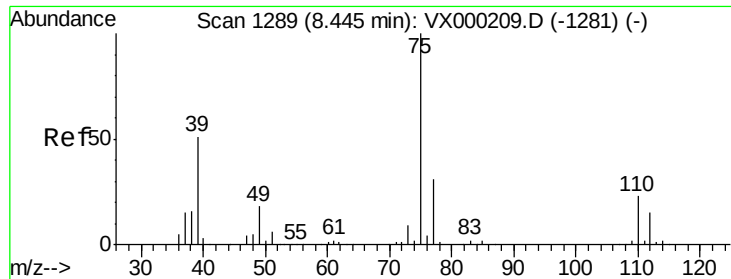
Tgt Ion: 92 Resp: 228366

Ion Ratio Lower Upper

92 100

91 173.8 139.0 208.6





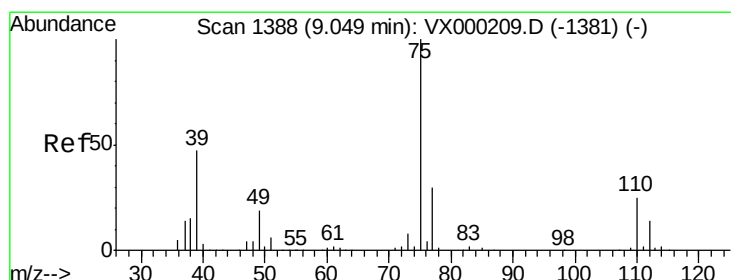
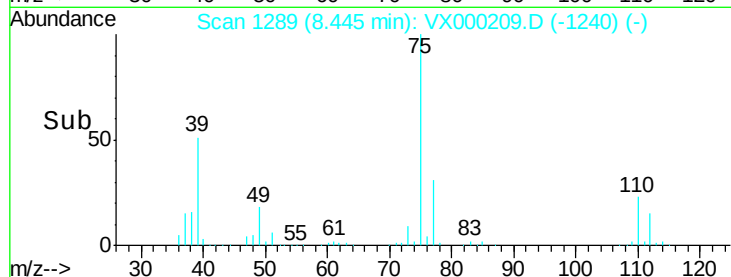
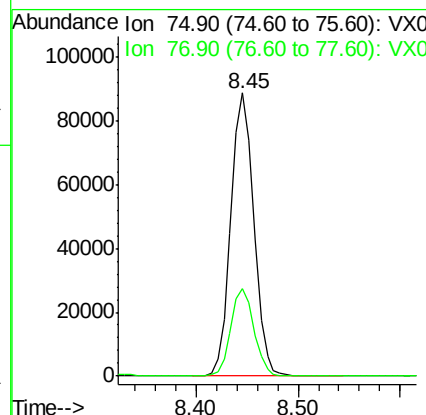
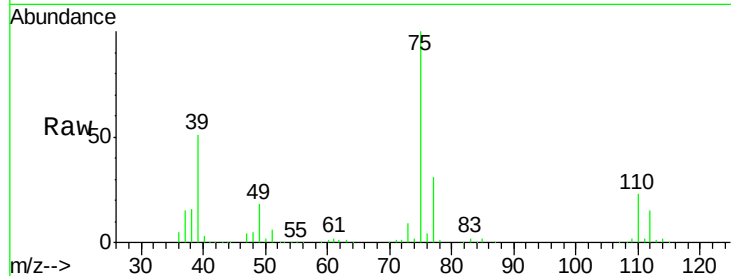
#53
 t-1,3-Dichloropropene
 Concen: 51.05 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: VX000209.D
 Acq: 07 Mar 2018 13:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.0	24.8	37.2

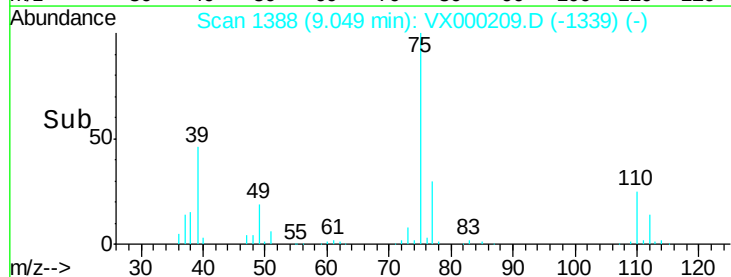
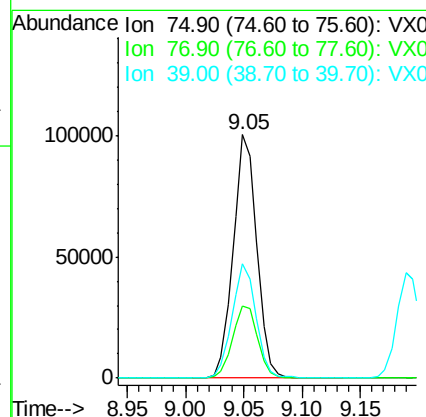
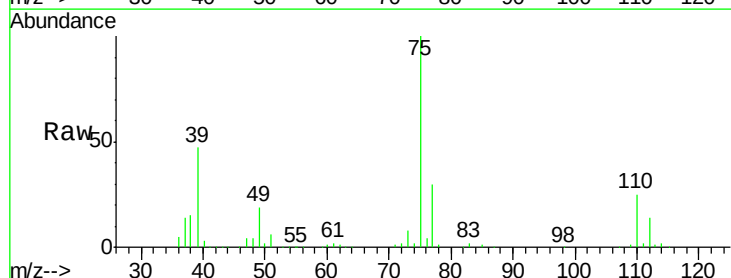
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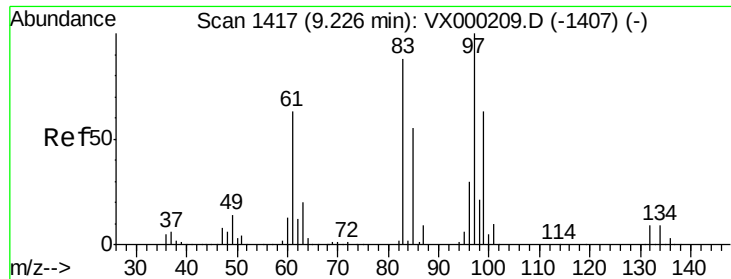
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#54
 cis-1,3-Dichloropropene
 Concen: 52.58 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX000209.D
 Acq: 07 Mar 2018 13:26

Tgt Ion	Ratio	Lower	Upper
75	100		
77	29.9	23.9	35.9
39	46.8	37.4	56.2





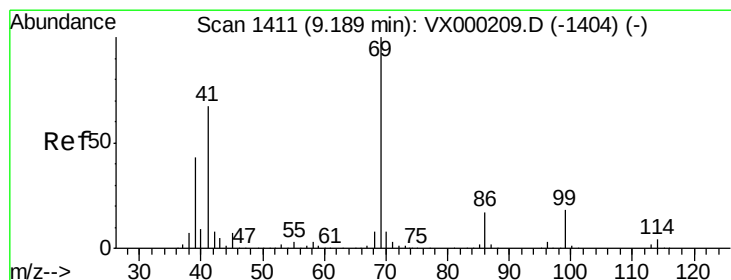
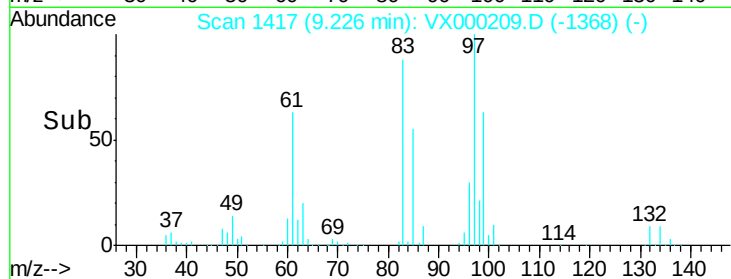
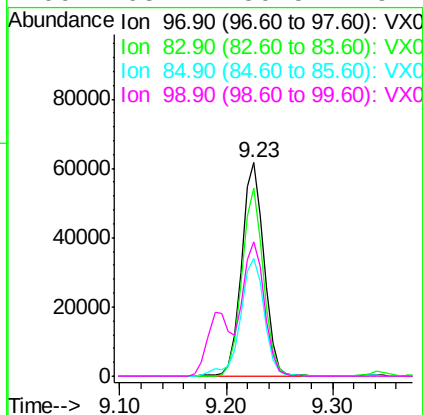
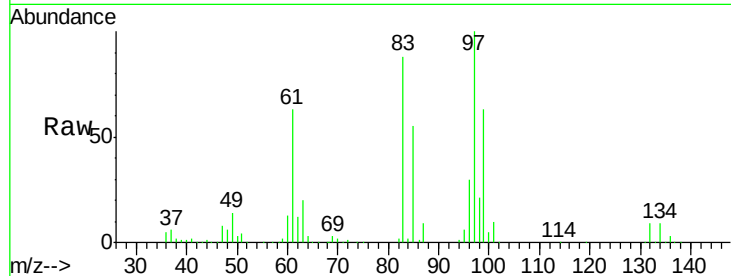
#55
 1,1,2-Trichloroethane
 Concen: 50.56 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000209.D
 Acq: 07 Mar 2018 13:26

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICCC050

Tot Ion:	97	Resp:	91039
Ion	Ratio	Lower	Upper
97	100		
83	88.0	70.4	105.6
85	54.9	43.9	65.9
99	63.1	50.5	75.7

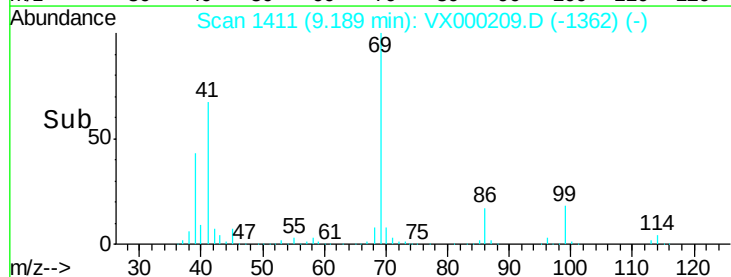
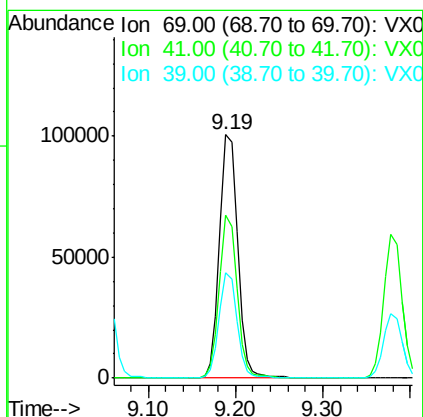
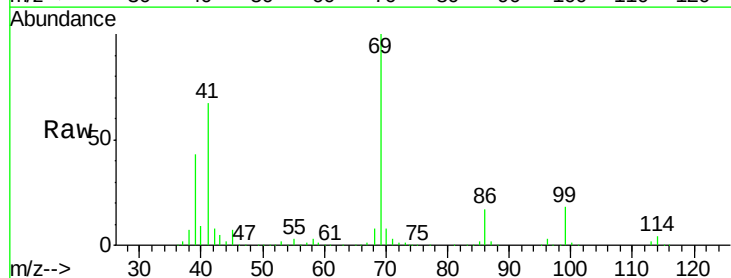
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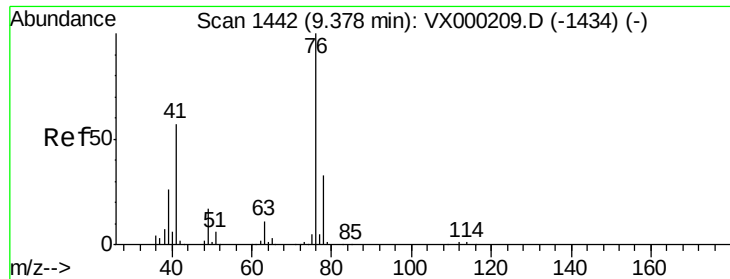
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#56
 Ethyl methacrylate
 Concen: 52.63 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX000209.D
 Acq: 07 Mar 2018 13:26

Tgt Ion:	69	Resp:	145720
Ion	Ratio	Lower	Upper
69	100		
41	65.2	52.2	78.2
39	42.9	34.3	51.5





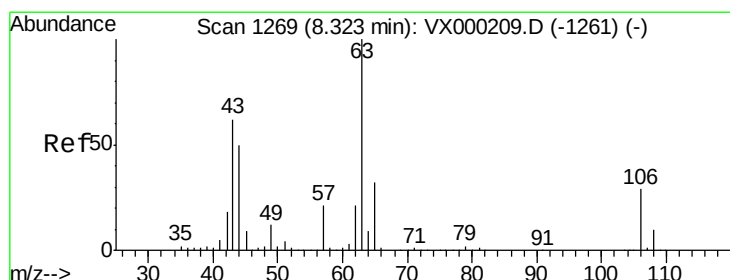
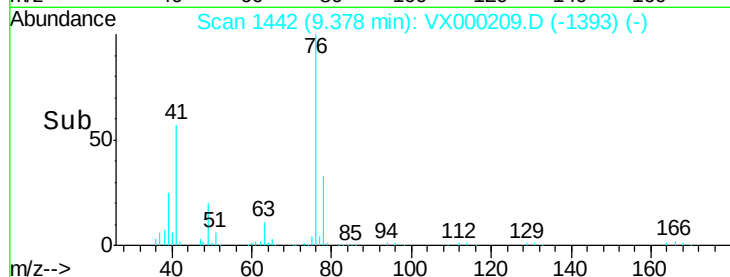
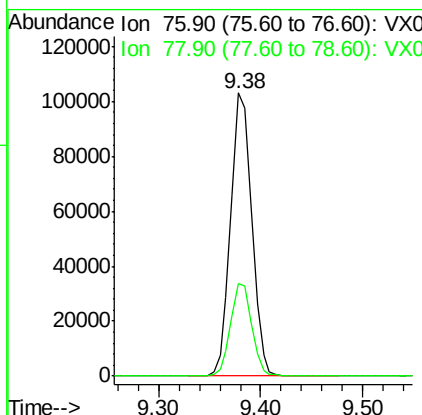
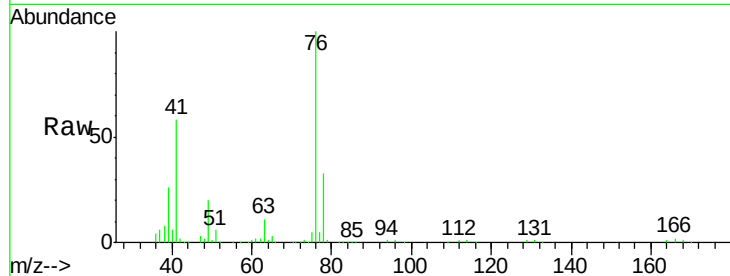
#57
 1,3-Dichloropropane
 Concen: 51.49 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX000209.D
 Acq: 07 Mar 2018 13:26

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	26.2	39.2

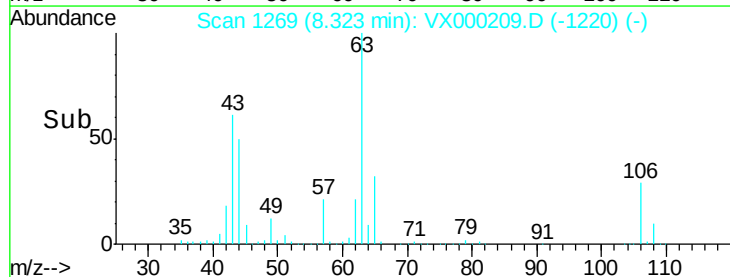
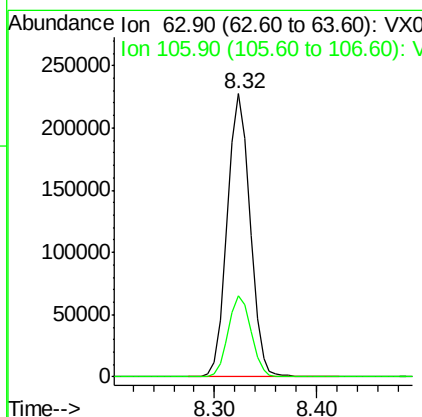
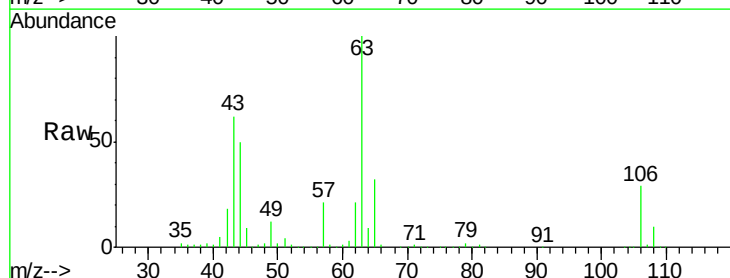
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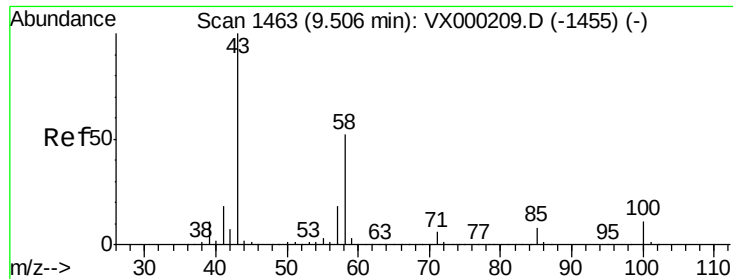
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#58
 2-Chloroethyl Vinyl ether
 Concen: 251.27 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000209.D
 Acq: 07 Mar 2018 13:26

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.0	23.2	34.8





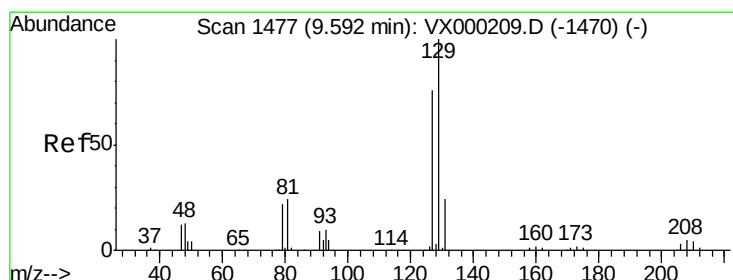
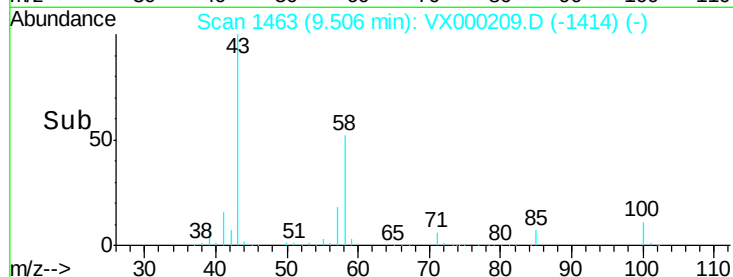
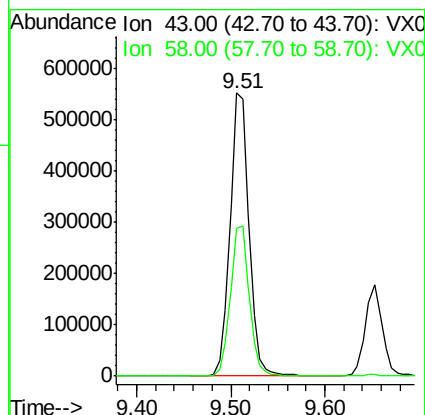
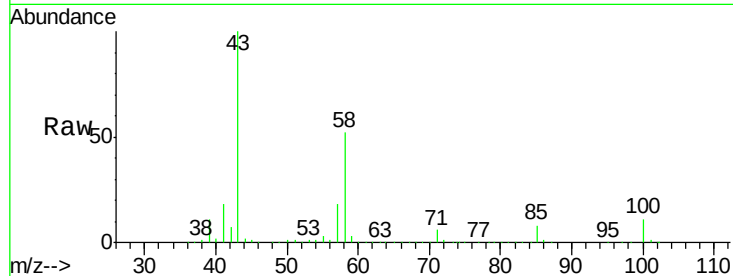
#59
2-Hexanone
Concen: 271.04 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion: 43 Resp: 769977
Ion Ratio Lower Upper
43 100
58 53.1 26.6 79.7

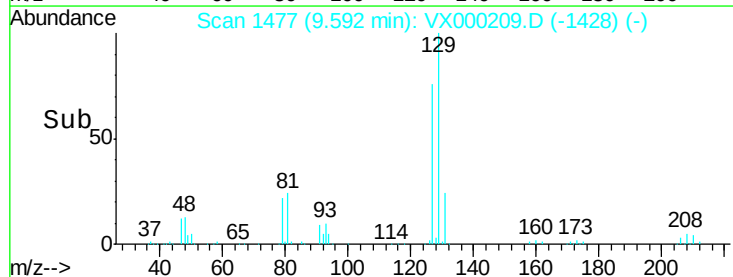
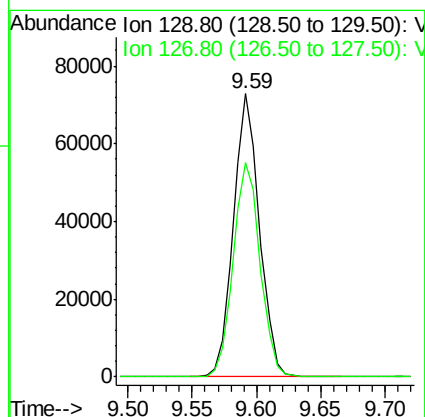
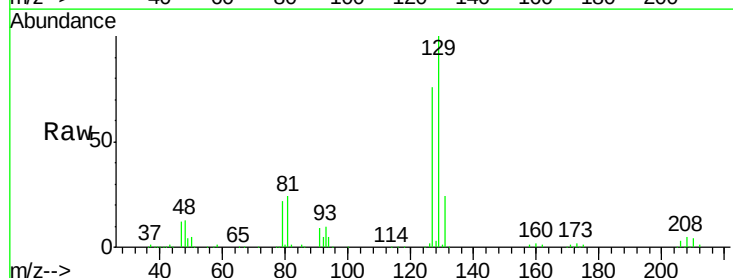
Manual Integrations
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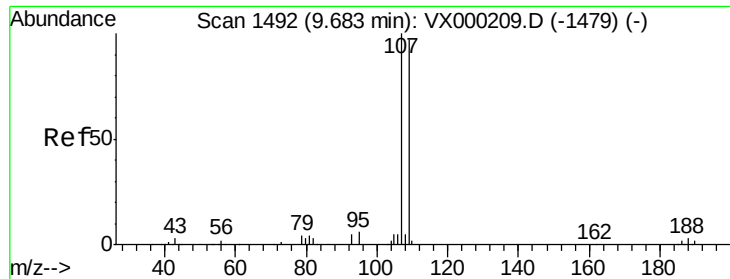
apatel
3/8/2018 10:42:17 AM



#60
Dibromochloromethane
Concen: 50.95 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Tgt Ion: 129 Resp: 102955
Ion Ratio Lower Upper
129 100
127 78.1 39.1 117.2





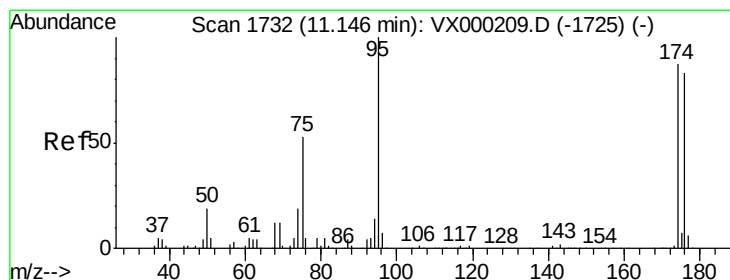
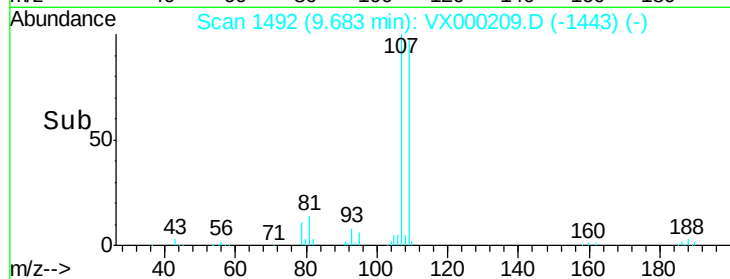
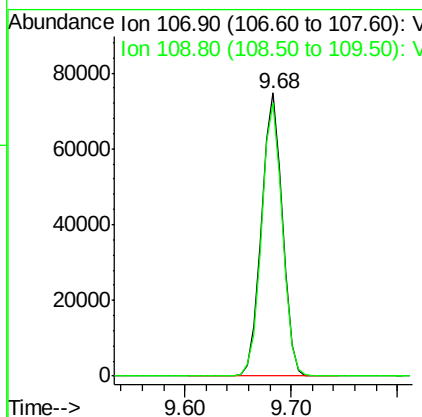
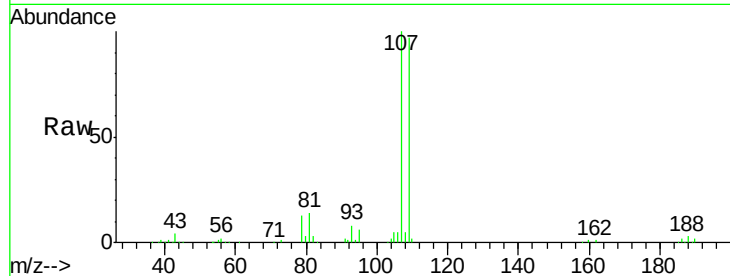
#61
 1,2-Dibromoethane
 Concen: 51.48 ug/l
 RT: 9.68 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX000209.D
 Acq: 07 Mar 2018 13:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	103107		
109	96.0	76.8	115.2	

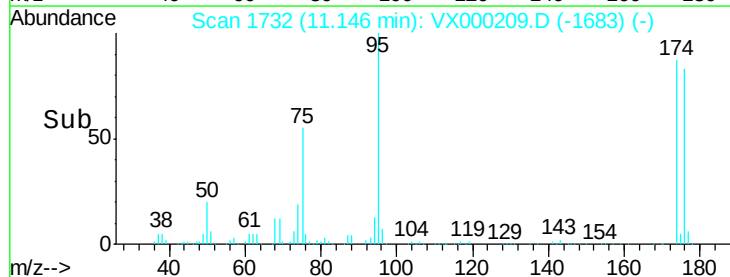
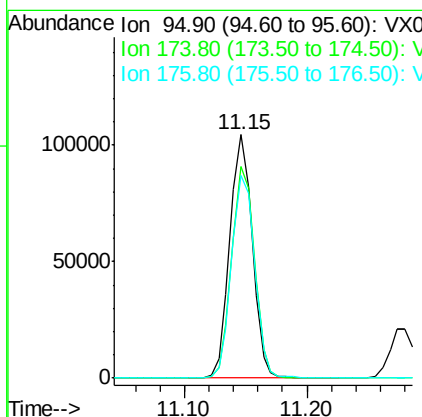
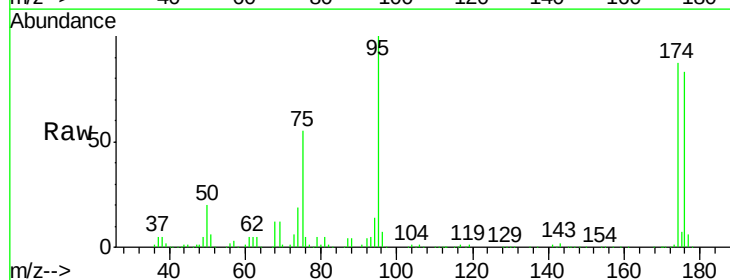
Manual Integrations
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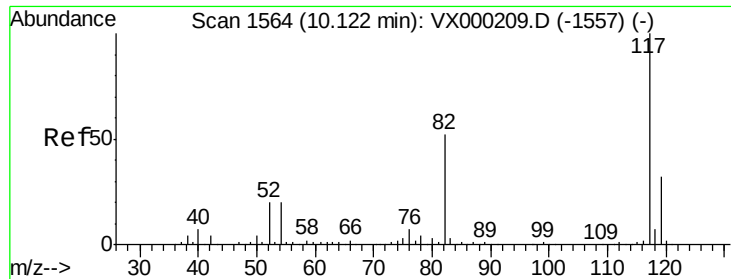
apatel
 3/8/2018 10:42:17 AM



#62
 4-Bromofluorobenzene
 Concen: 52.98 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.00 min
 Lab File: VX000209.D
 Acq: 07 Mar 2018 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	132909		
174	87.8	0.0	175.6	
176	85.5	0.0	171.0	





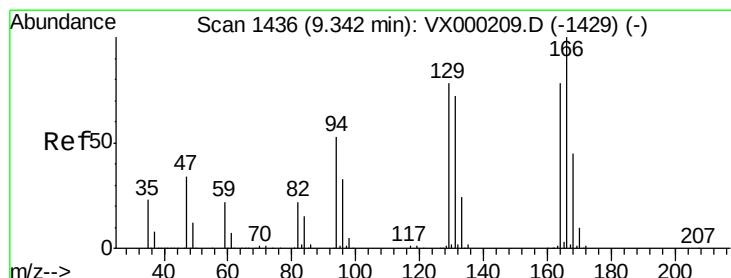
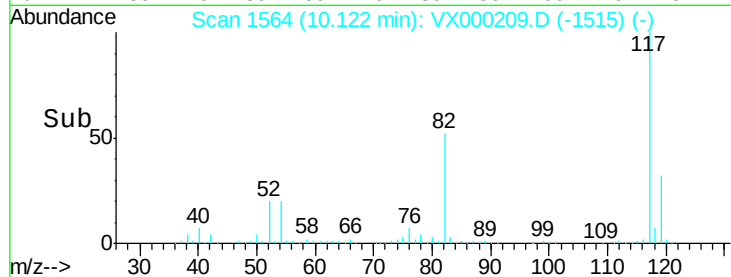
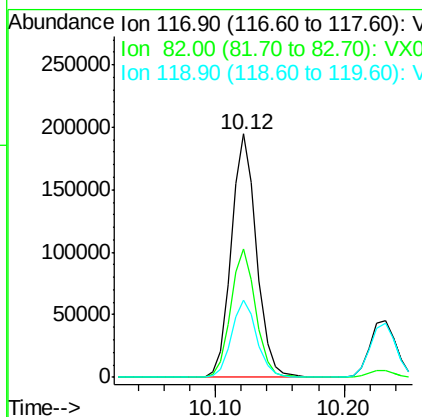
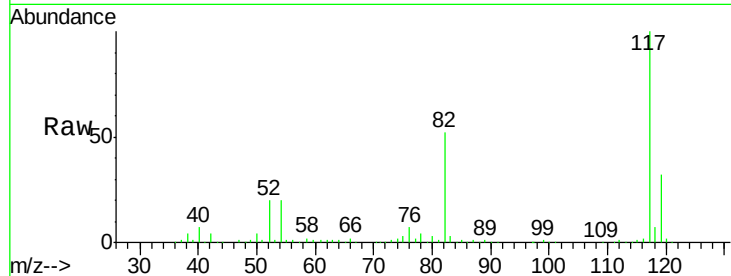
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	42.0	63.0
119	31.6	25.3	37.9

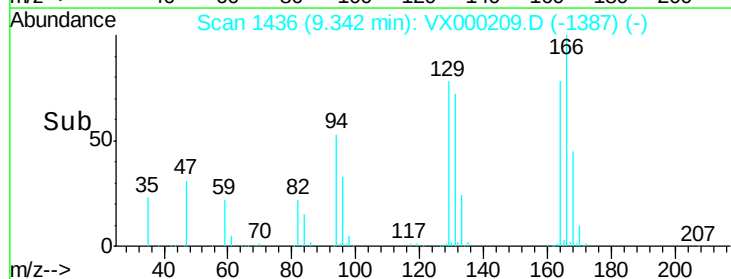
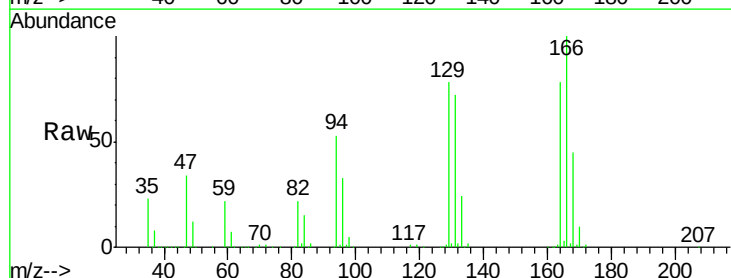
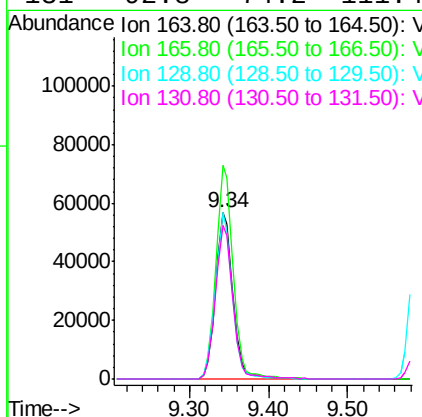
Manual Integrations
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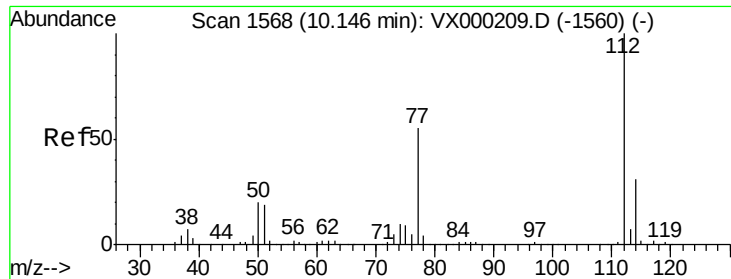
apatel
3/8/2018 10:42:17 AM



#64
Tetrachloroethene
Concen: 45.67 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.8	103.0	154.6
129	100.3	80.2	120.4
131	92.8	74.2	111.4





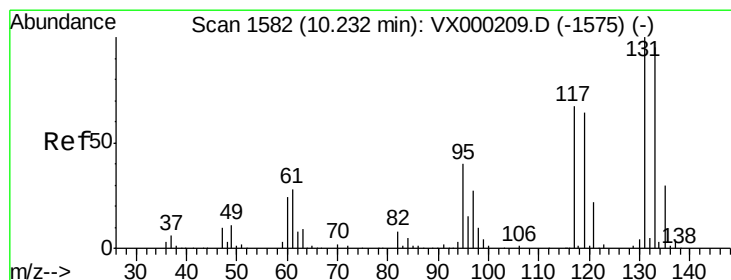
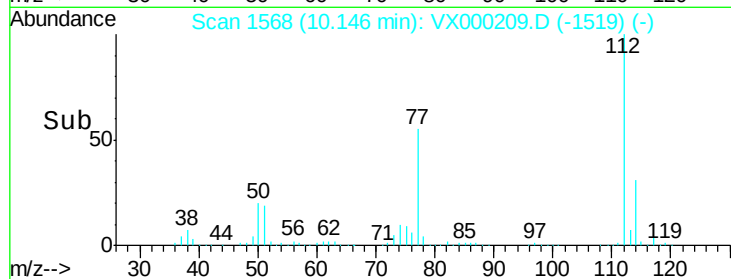
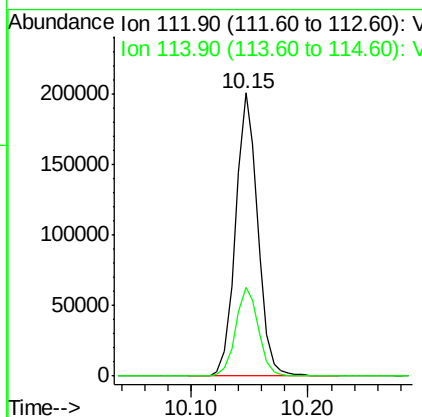
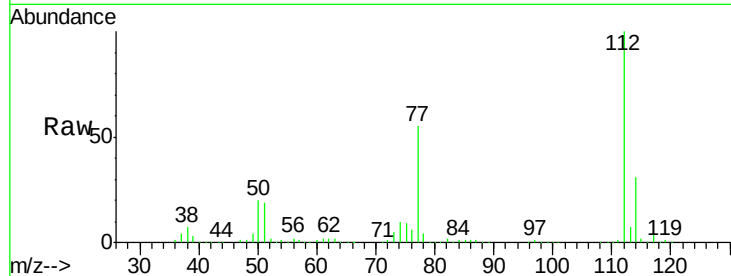
#65
Chlorobenzene
Concen: 47.67 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:112 Resp: 266086
Ion Ratio Lower Upper
112 100
114 31.2 25.0 37.4

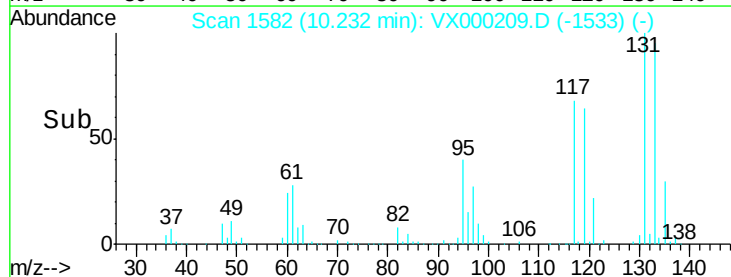
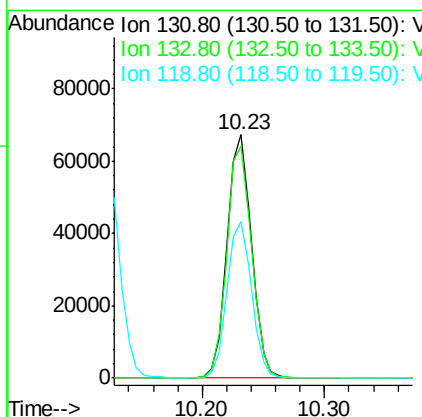
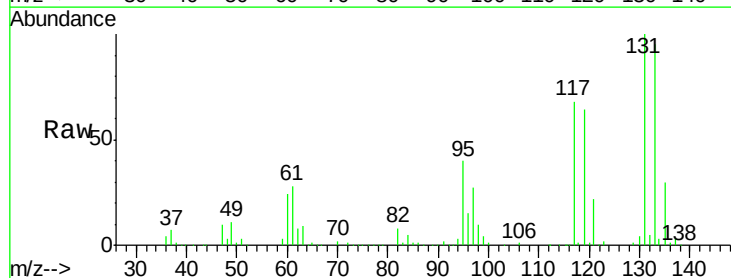
Manual Integrations
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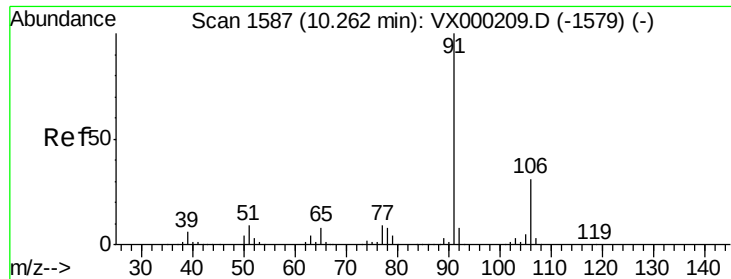
apatel
3/8/2018 10:42:17 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 47.98 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Tgt Ion:131 Resp: 92838
Ion Ratio Lower Upper
131 100
133 96.6 48.3 144.9
119 64.5 32.3 96.8





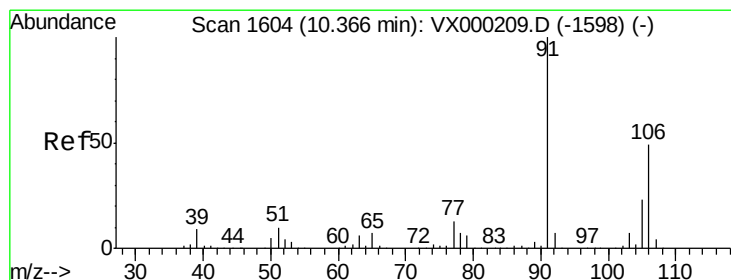
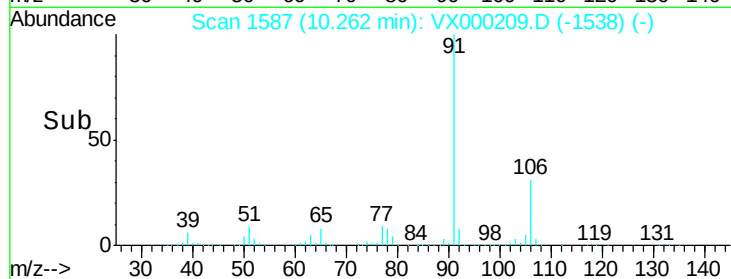
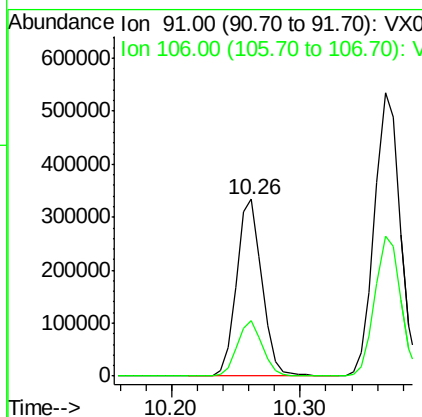
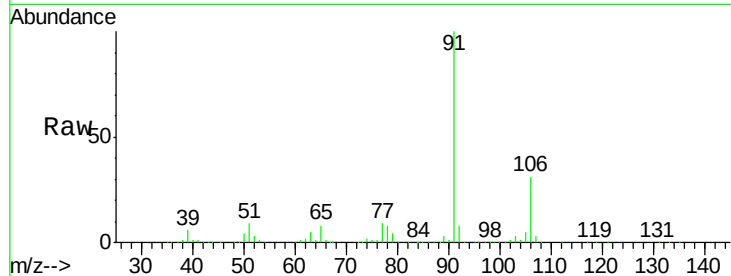
#67
Ethyl Benzene
Concen: 48.59 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion: 91 Resp: 457114
Ion Ratio Lower Upper
91 100
106 31.5 25.2 37.8

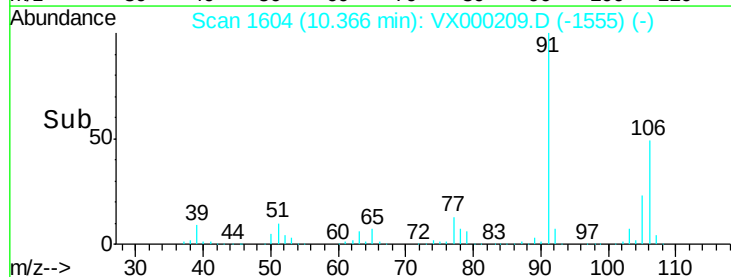
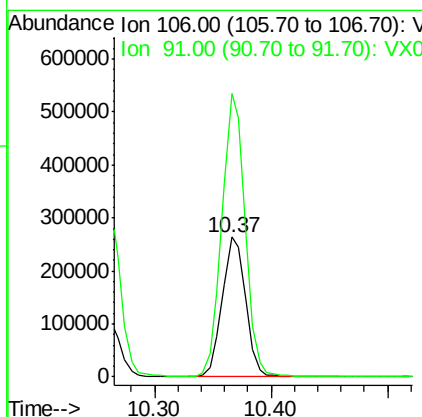
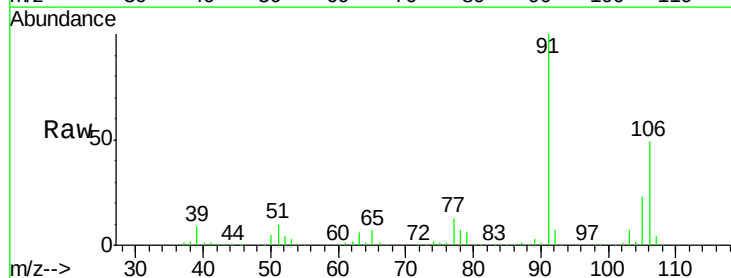
Manual Integrations
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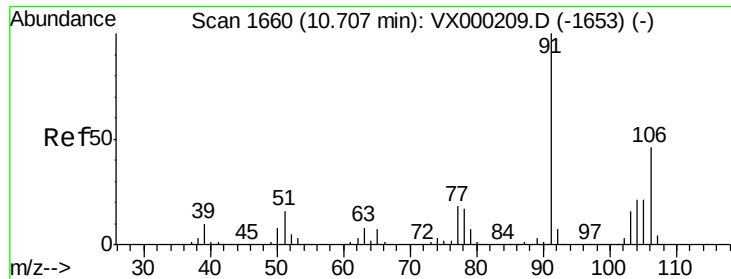
apatel
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#68
m/p-Xylenes
Concen: 98.35 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Tgt Ion: 106 Resp: 366746
Ion Ratio Lower Upper
106 100
91 201.1 160.9 241.3





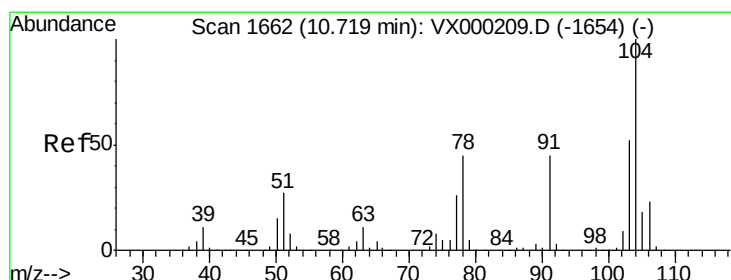
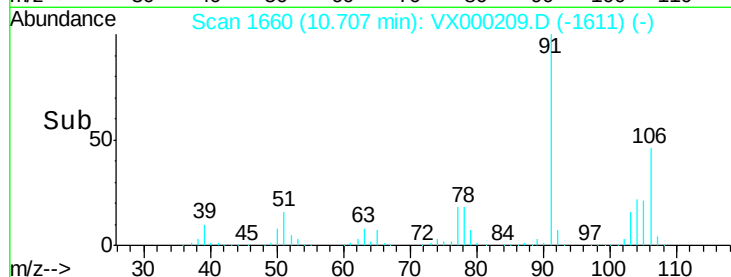
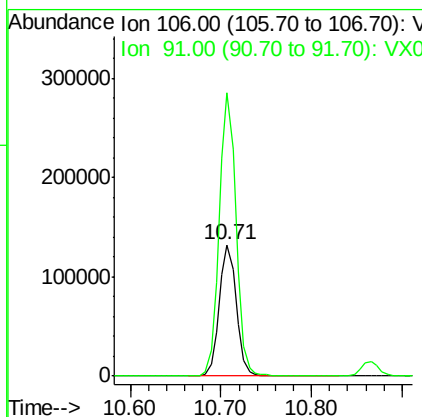
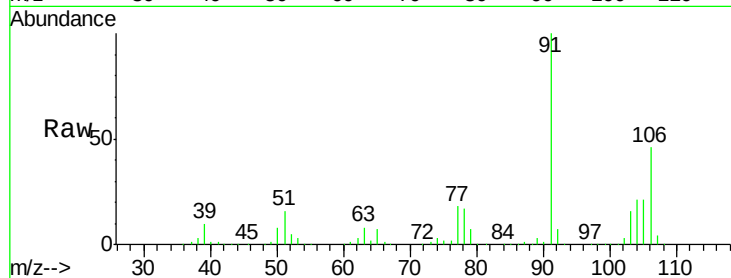
#69
o-Xylene
Concen: 48.89 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion:106 Resp: 175195
Ion Ratio Lower Upper
106 100
91 211.8 105.9 317.7

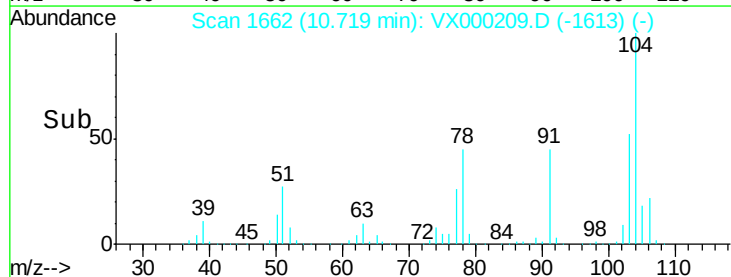
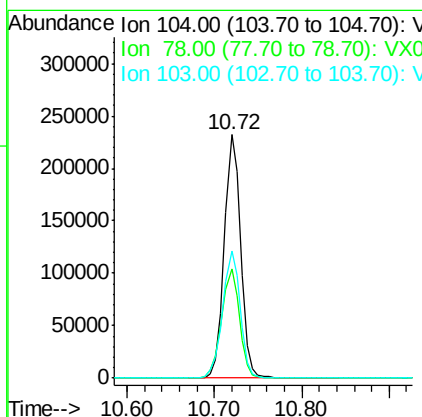
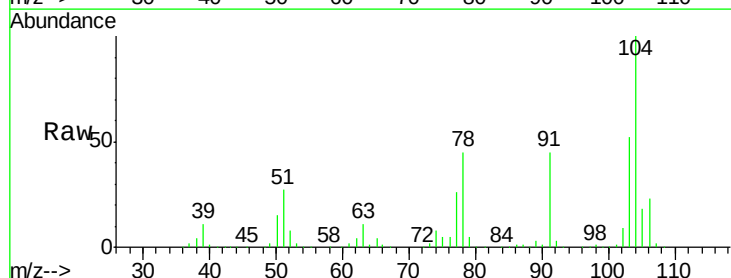
Manual Integrations
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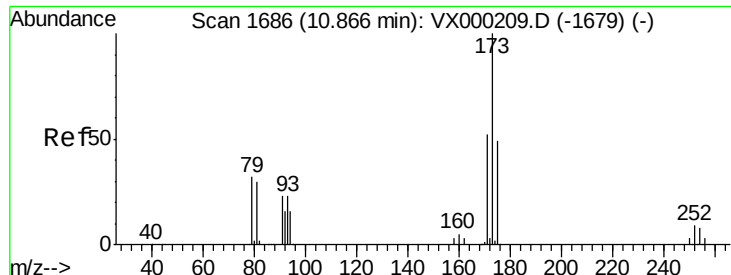
apatel
3/8/2018 10:42:17 AM



#70
Styrene
Concen: 50.81 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Tgt Ion:104 Resp: 298577
Ion Ratio Lower Upper
104 100
78 49.5 39.6 59.4
103 56.3 45.0 67.6





#71

Bromoform

Concen: 47.85 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:173 Resp: 83478

Ion Ratio Lower Upper

173 100

175 48.8 24.4 73.2

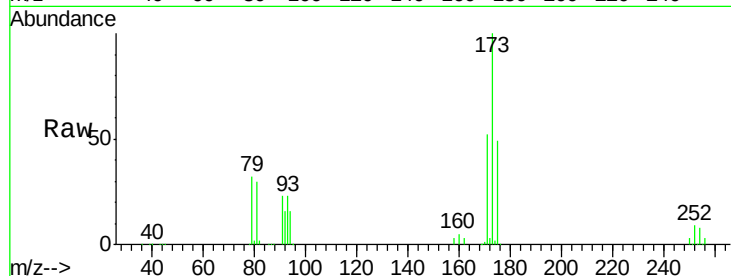
254 0.2 0.2 0.2

Manual Integrations

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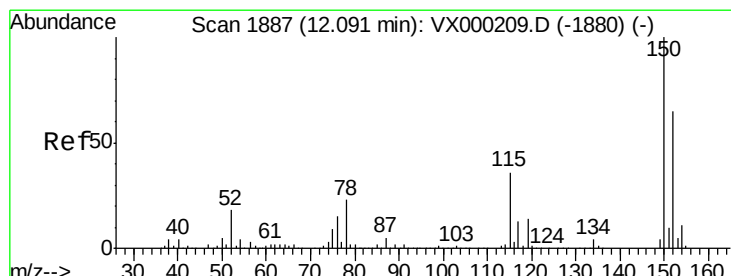
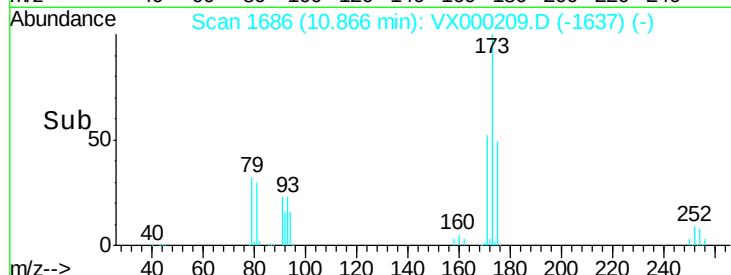
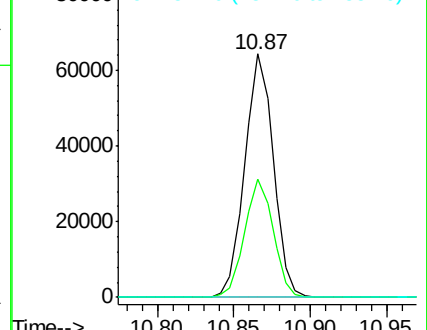
3/8/2018 10:42:17 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1887

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

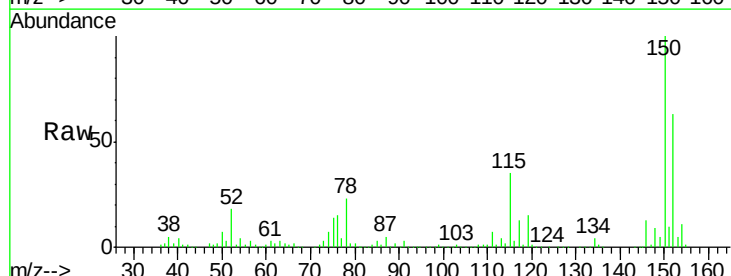
Tgt Ion:152 Resp: 162899

Ion Ratio Lower Upper

152 100

115 79.5 39.8 119.3

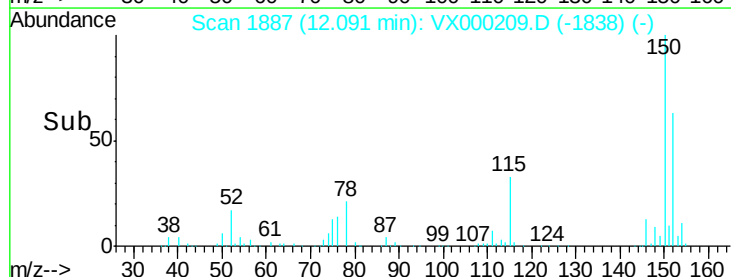
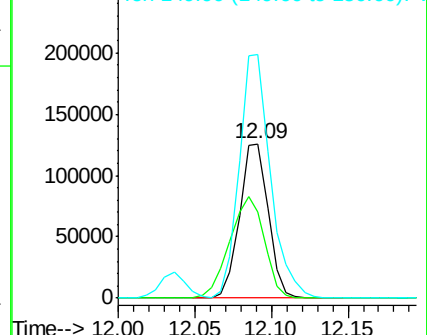
150 172.5 0.0 345.0

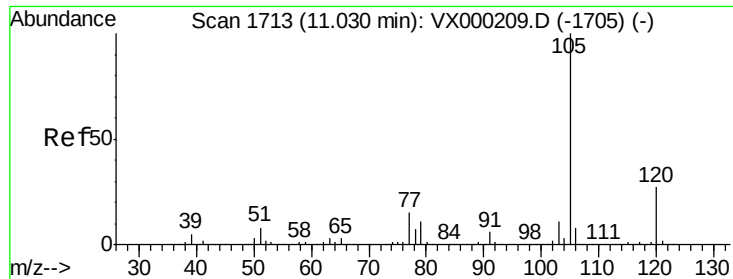


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.35 ug/l

RT: 11.03 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 486373

Ion Ratio Lower Upper

105 100

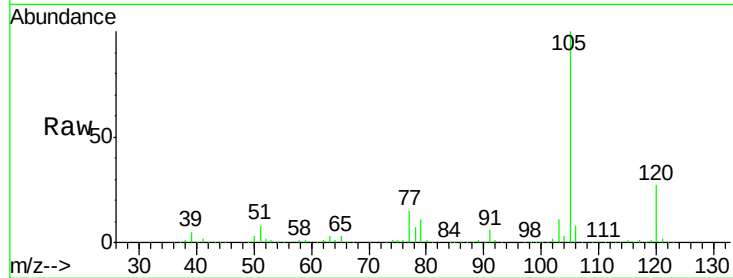
120 26.9 13.5 40.4

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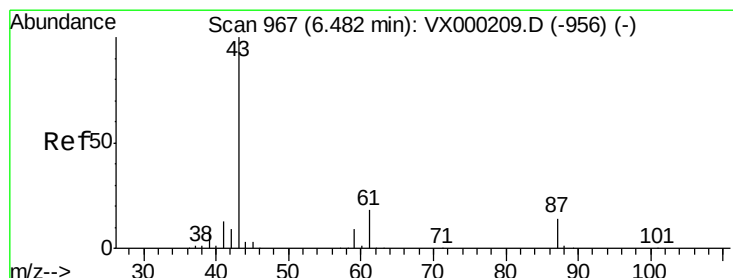
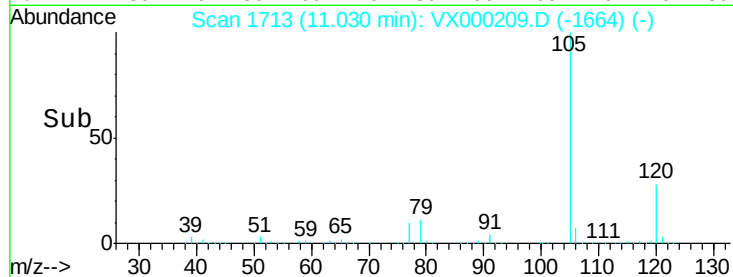
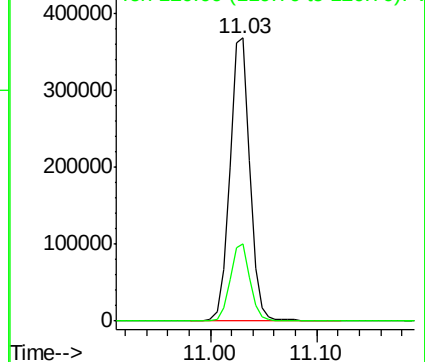
apatel

3/8/2018 10:42:17 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 44.43 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

Tgt Ion: 43 Resp: 229511

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

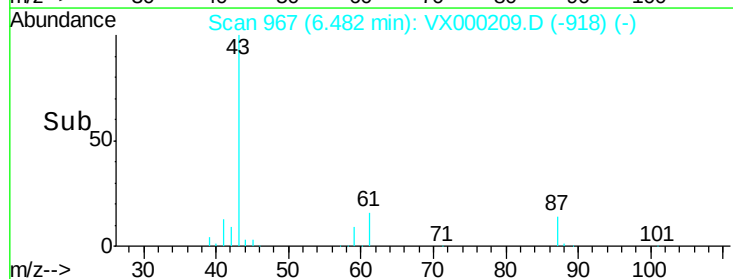
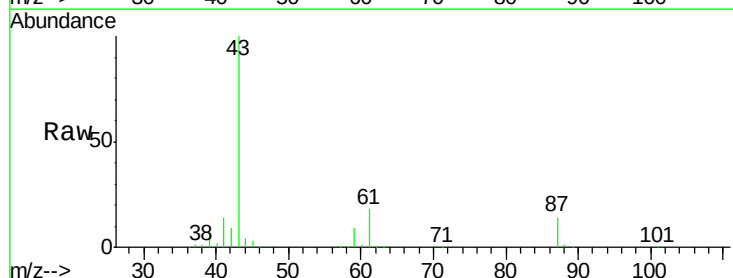
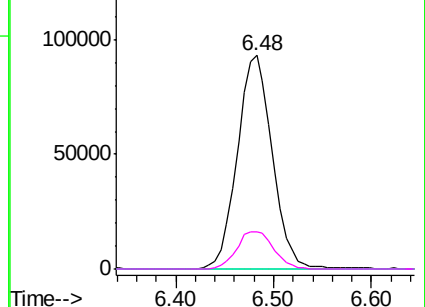
61 18.5 14.8 22.2

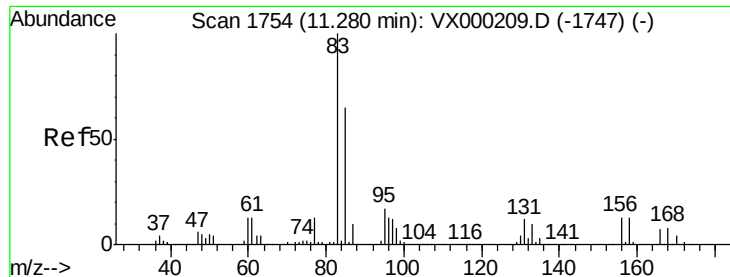
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.38 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

Instrument :

MSVOA_X

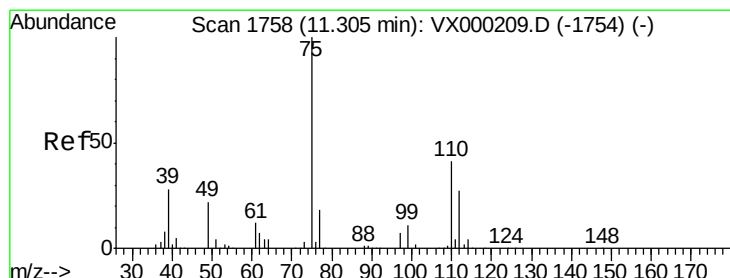
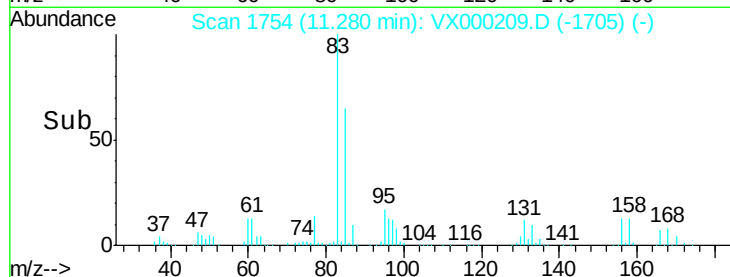
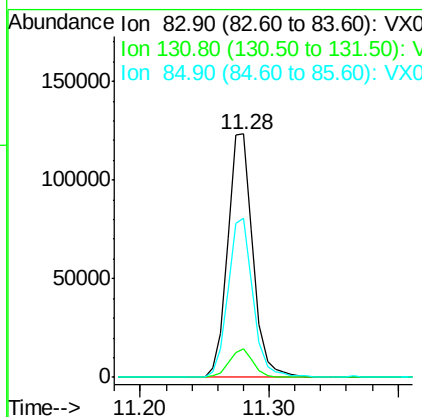
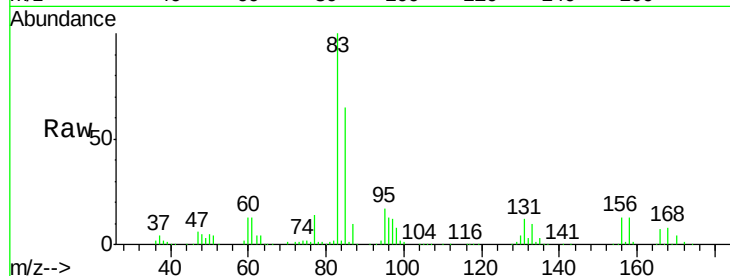
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	169752
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.5	16.5
85	64.9	32.5	97.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 44.41 ug/l m

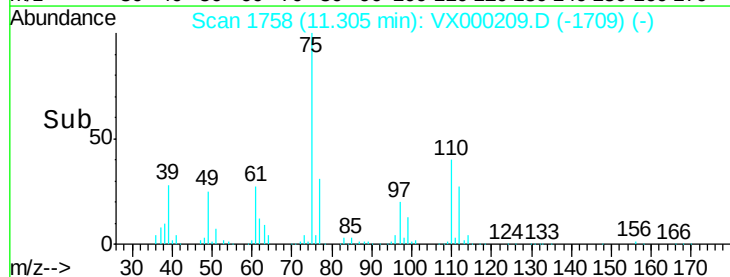
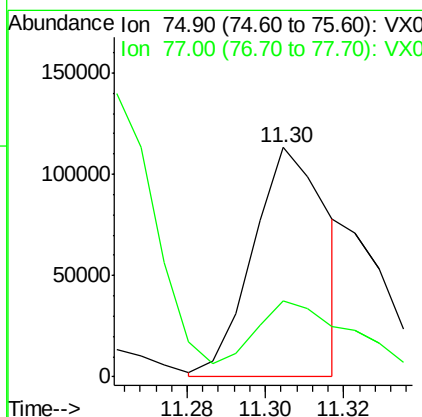
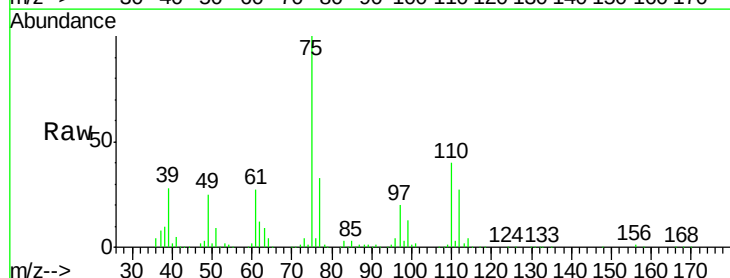
RT: 11.30 min Scan# 1758

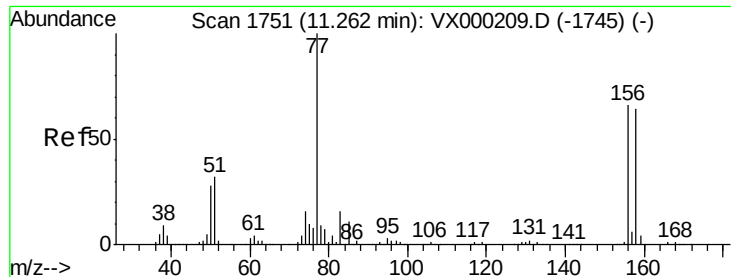
Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

Tgt Ion:	75	Resp:	148595
Ion Ratio	Lower	Upper	
75	100		
77	44.5	22.3	66.8





#77

Bromobenzene

Concen: 44.89 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

Instrument :

MSVOA_X

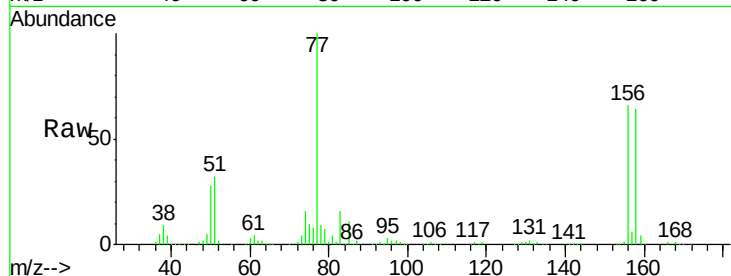
ClientSampled :

VSTDICCC050

Tot Ion:	156	Resp:	123507
Ion Ratio	Lower	Upper	
156	100		
77	143.8	71.9	215.7
158	96.1	48.0	144.2

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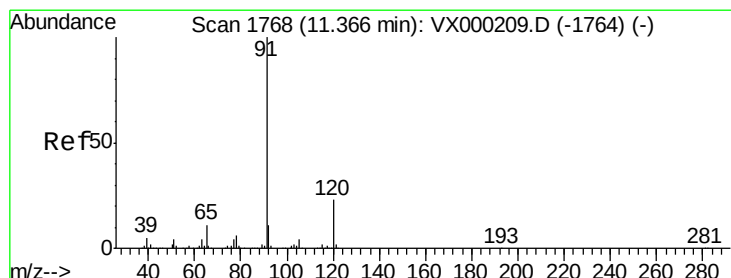
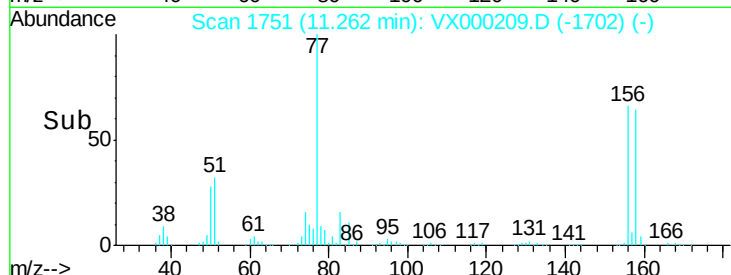
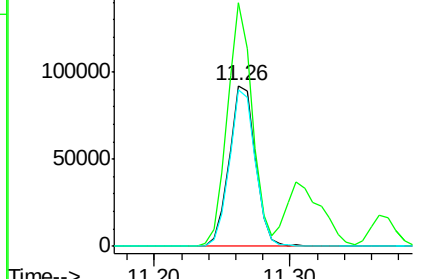
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.97 ug/l

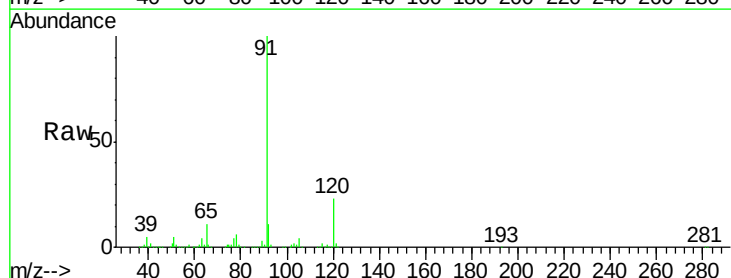
RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000209.D

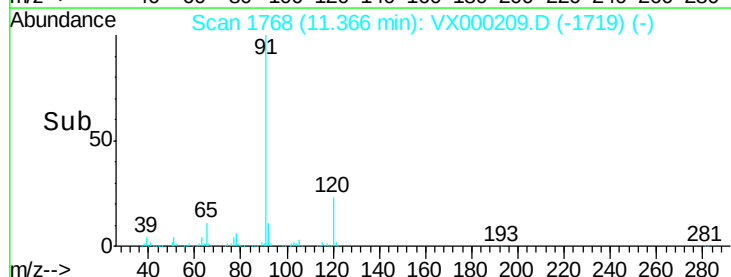
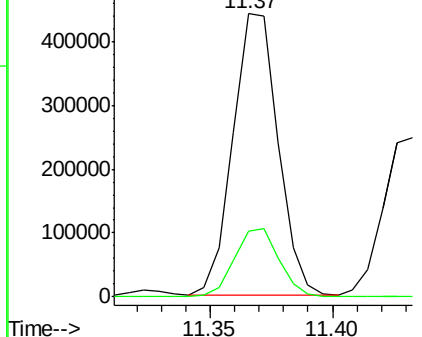
Acq: 07 Mar 2018 13:26

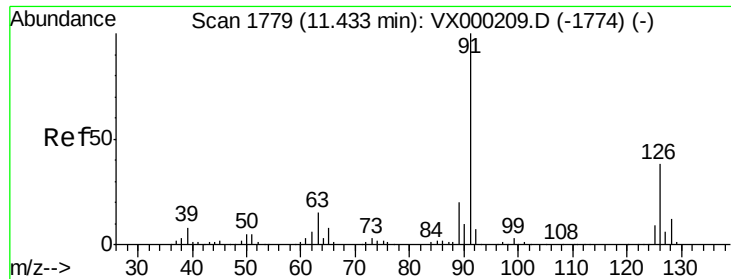
Tgt Ion:	91	Resp:	569023
Ion Ratio	Lower	Upper	
91	100		
120	24.3	12.2	36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.74 ug/l

RT: 11.43 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion: 91 Resp: 322876

Ion Ratio Lower Upper

91 100

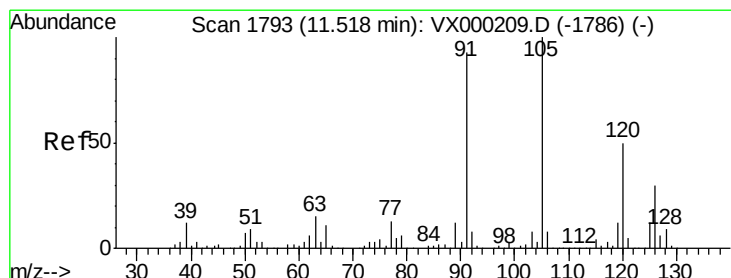
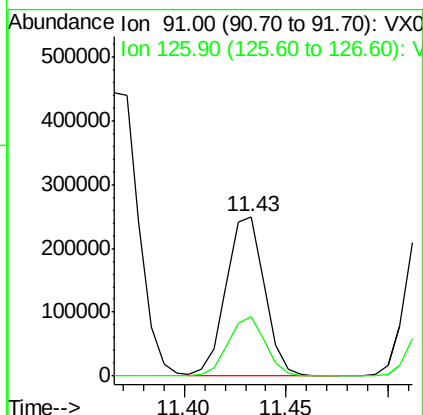
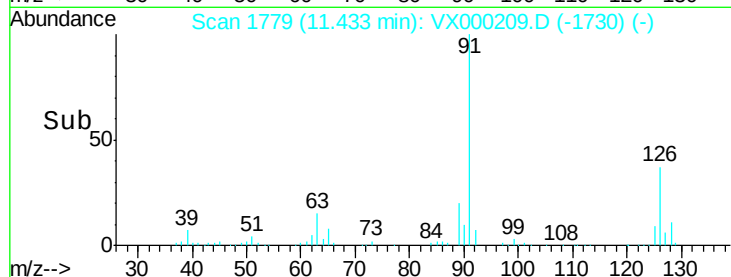
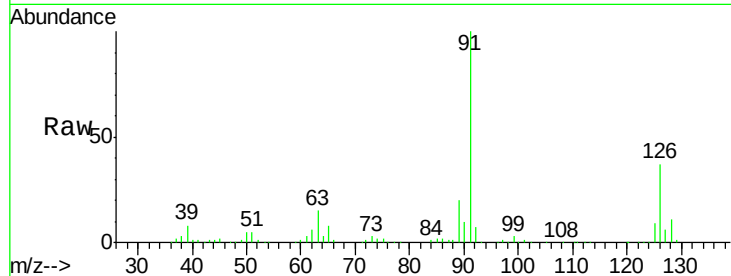
126 36.8 18.4 55.2

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 47.81 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000209.D

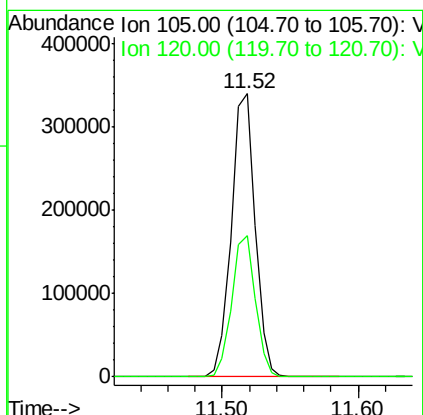
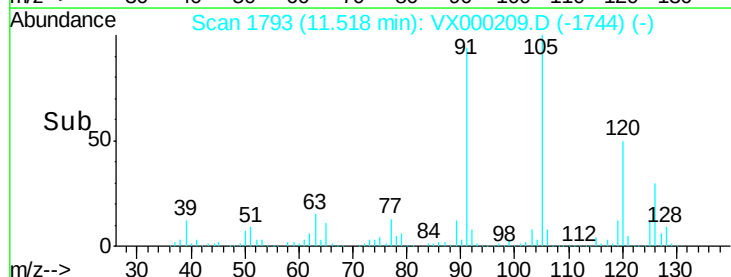
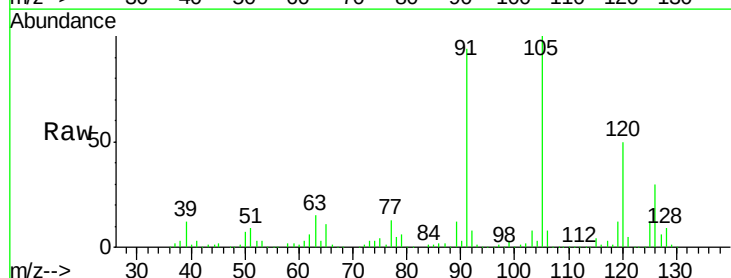
Acq: 07 Mar 2018 13:26

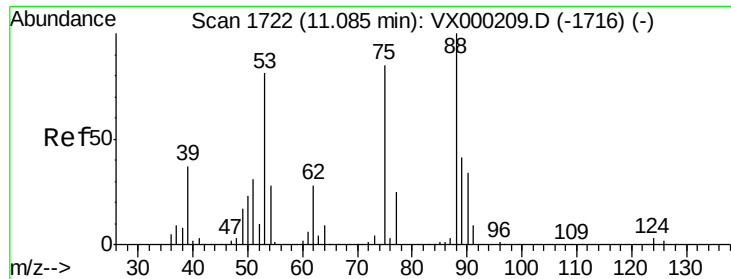
Tgt Ion: 105 Resp: 414585

Ion Ratio Lower Upper

105 100

120 49.7 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 46.07 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

Instrument :

MSVOA_X

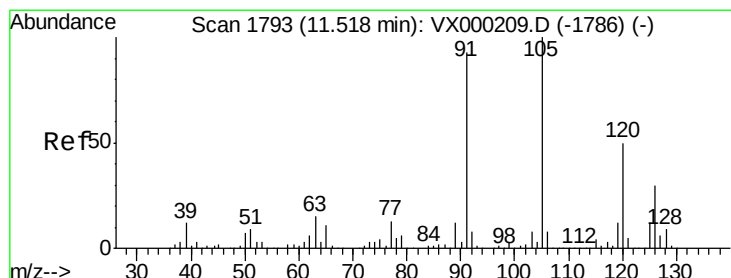
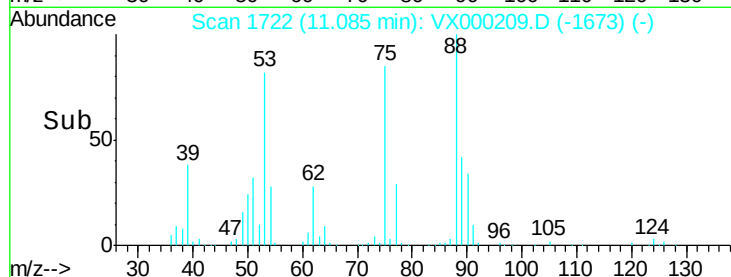
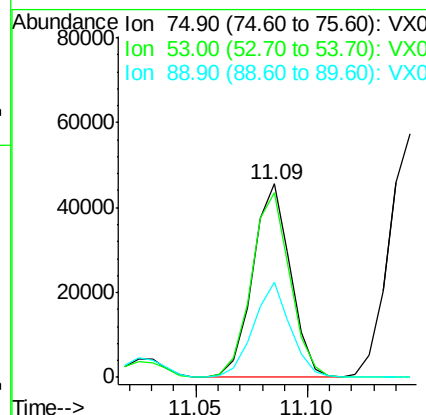
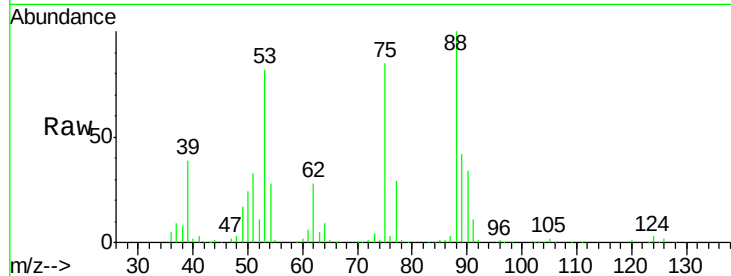
ClientSampleId :

VSTDICCC050

Tot Ion:	75	Resp:	53427
Ion Ratio	Lower	Upper	
75	100		
53	98.3	78.6	118.0
89	48.5	38.8	58.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 47.63 ug/l

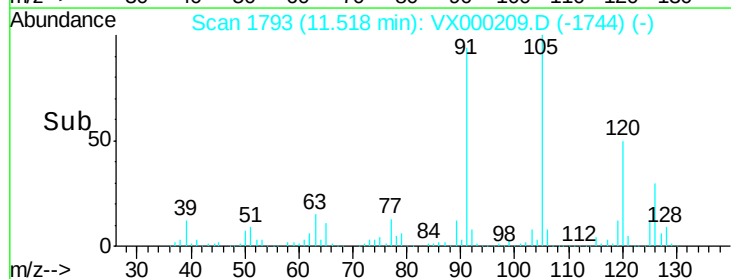
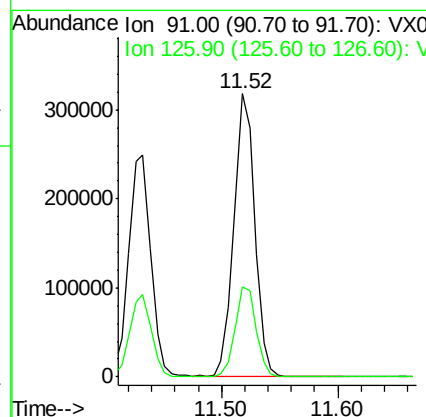
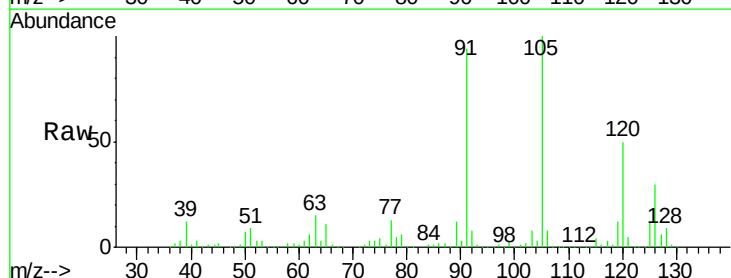
RT: 11.52 min Scan# 1793

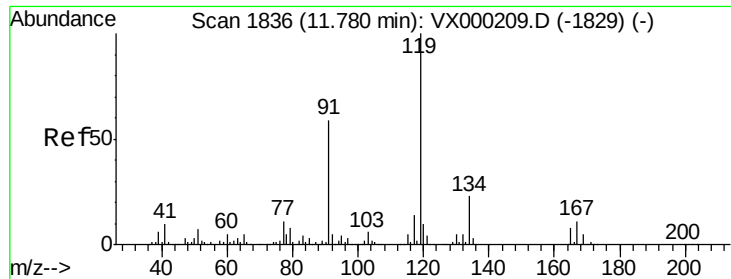
Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

Tgt Ion:	91	Resp:	400820
Ion Ratio	Lower	Upper	
91	100		
126	32.0	16.0	48.0





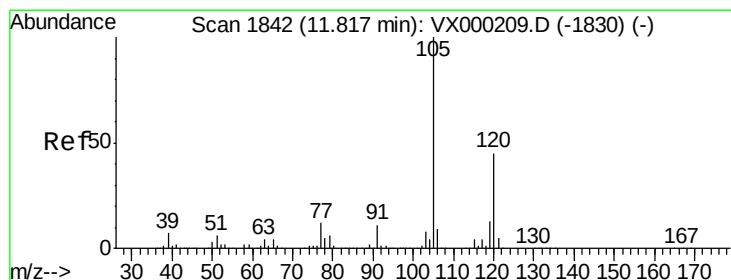
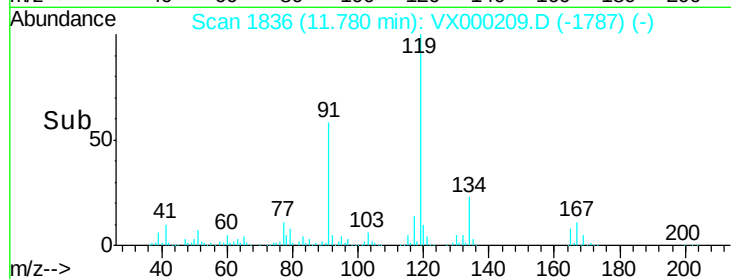
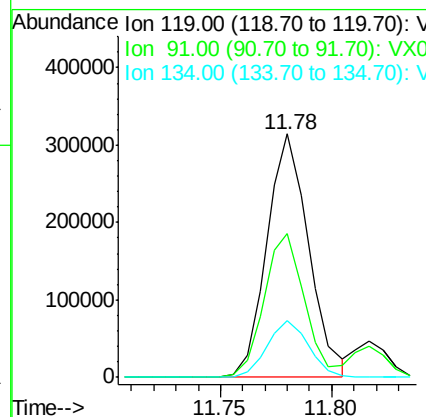
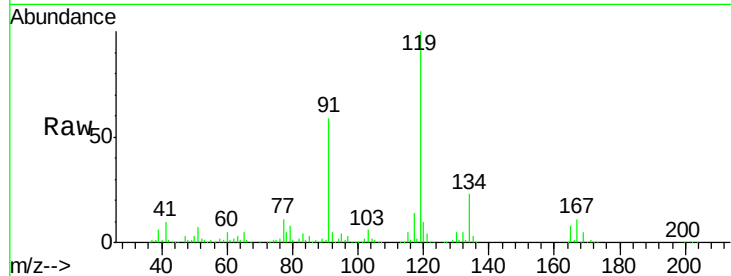
#83
 tert-Butylbenzene
 Concen: 46.79 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000209.D
 Acq: 07 Mar 2018 13:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	410057		
91	57.8	28.9	86.7	
134	22.9	11.5	34.4	

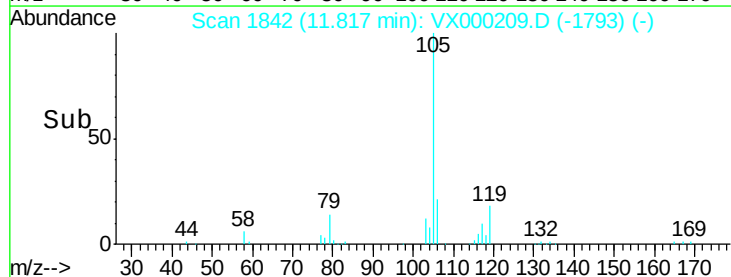
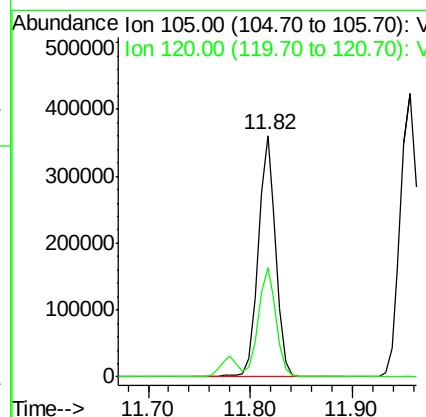
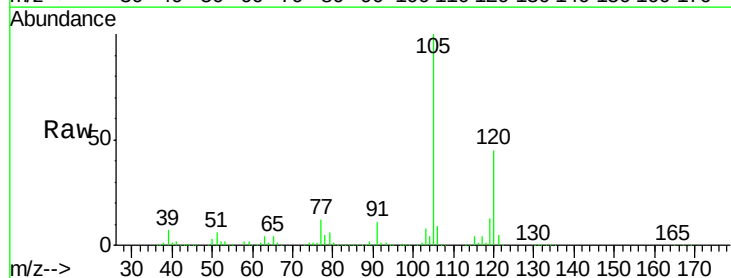
Manual Integrations
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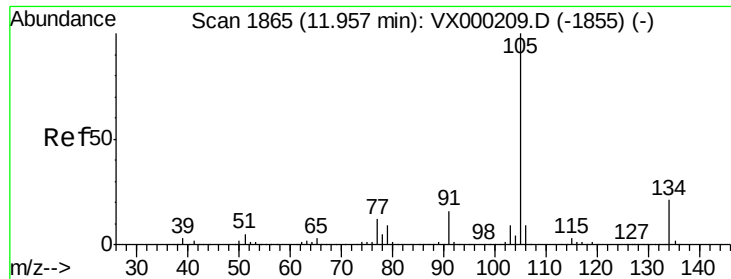
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#84
 1,2,4-Trimethylbenzene
 Concen: 47.83 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000209.D
 Acq: 07 Mar 2018 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	431427		
120	46.0	23.0	69.0	





#85

sec-Butylbenzene

Concen: 47.24 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 515112

Ion Ratio Lower Upper

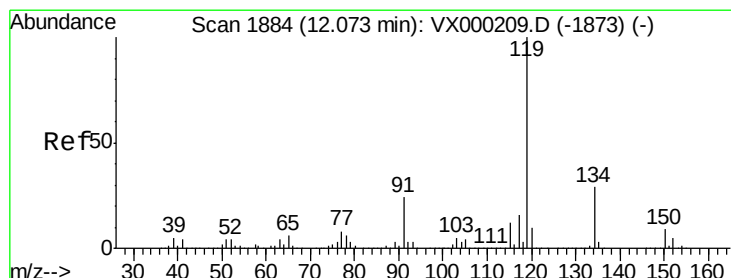
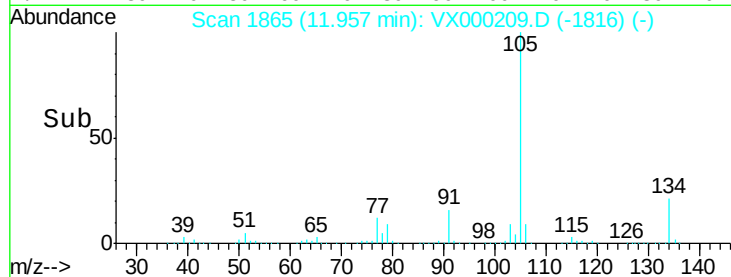
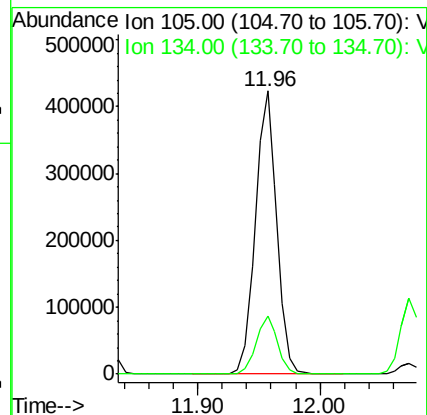
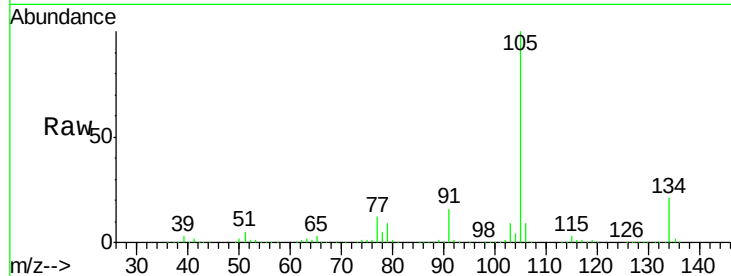
105 100

134 20.6 10.3 30.9

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 47.39 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

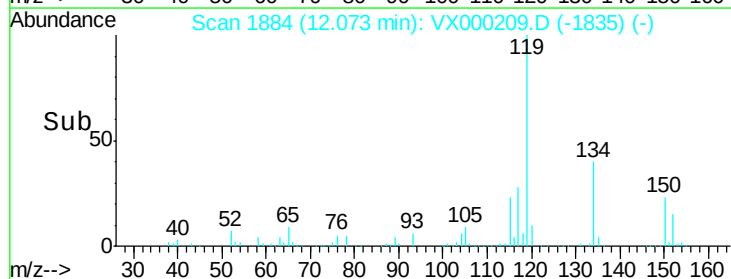
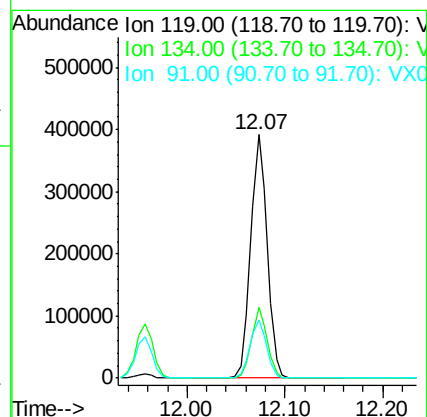
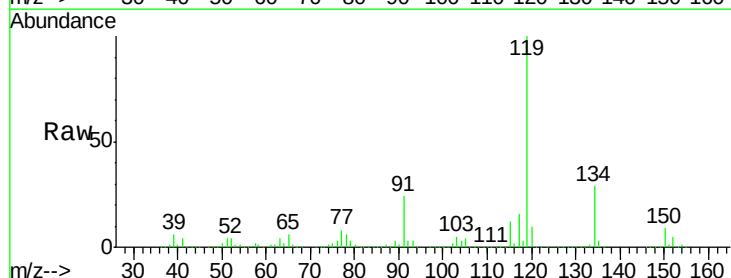
Tgt Ion:119 Resp: 460370

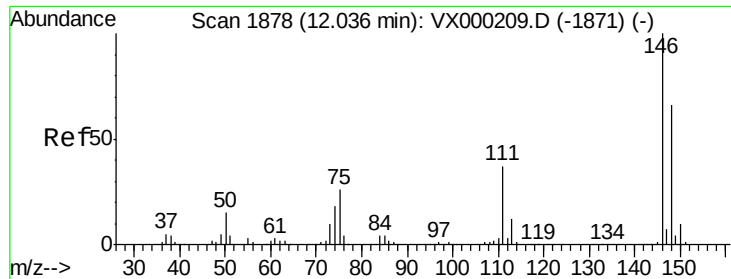
Ion Ratio Lower Upper

119 100

134 27.5 13.8 41.3

91 24.0 12.0 36.0





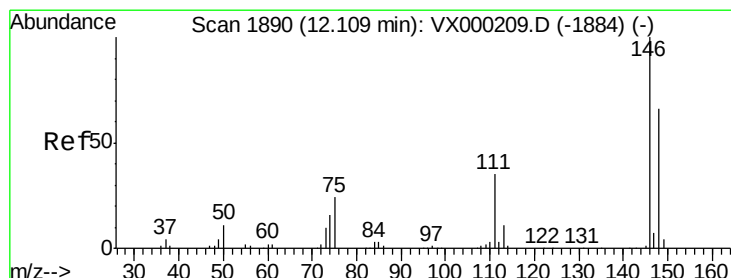
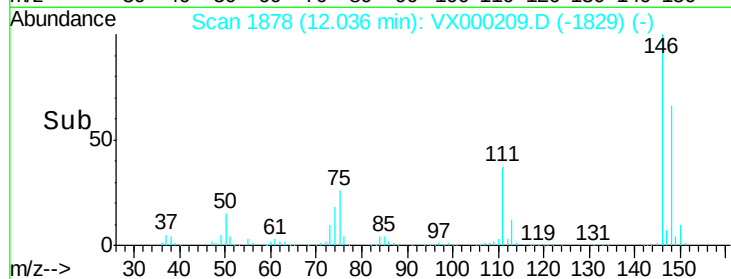
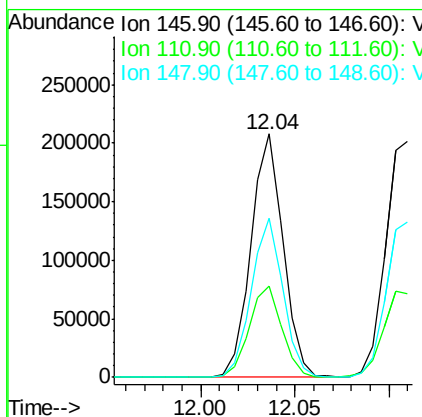
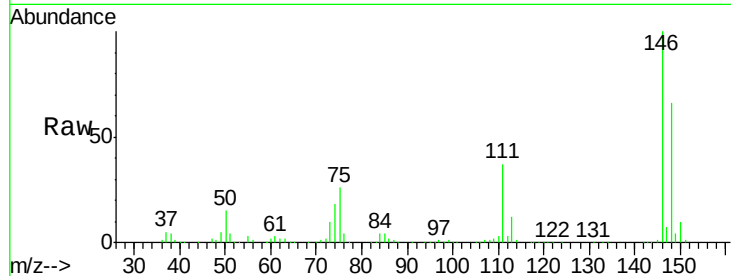
#87
 1,3-Dichlorobenzene
 Concen: 46.33 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000209.D
 Acq: 07 Mar 2018 13:26

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.0	57.0
148	64.2	32.1	96.3

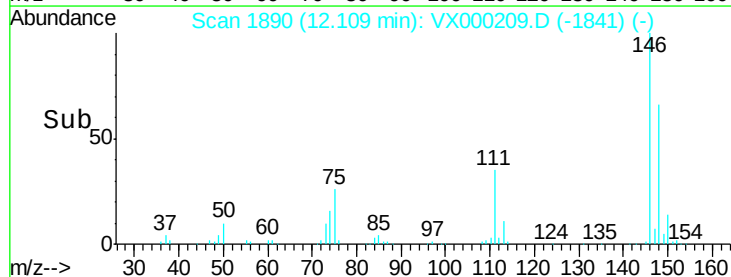
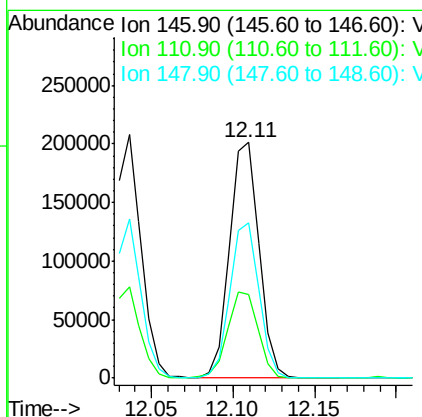
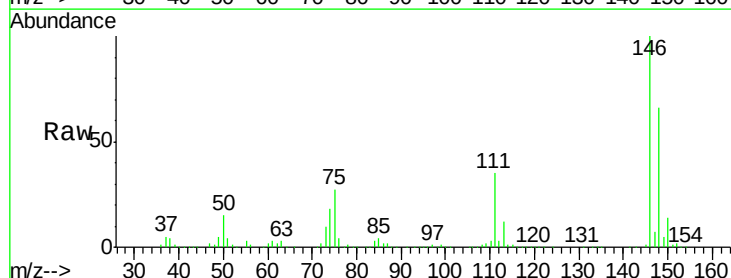
Manual Integrations
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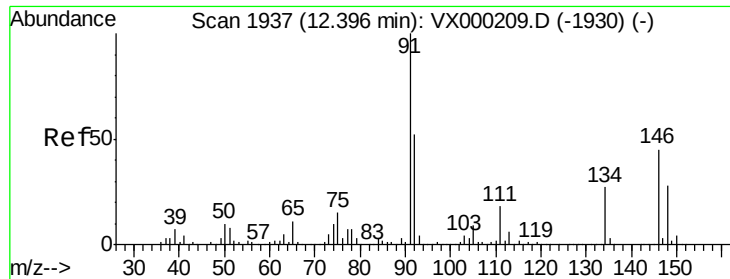
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#88
 1,4-Dichlorobenzene
 Concen: 46.00 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VX000209.D
 Acq: 07 Mar 2018 13:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.9	56.9
148	65.2	32.6	97.8





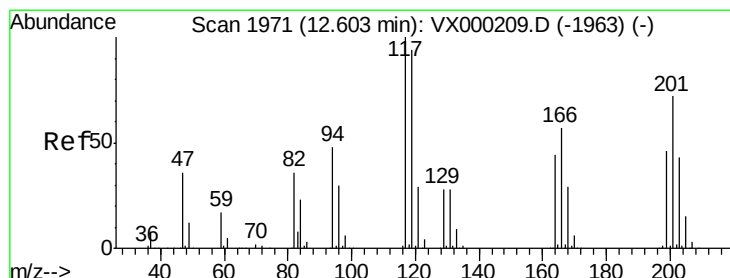
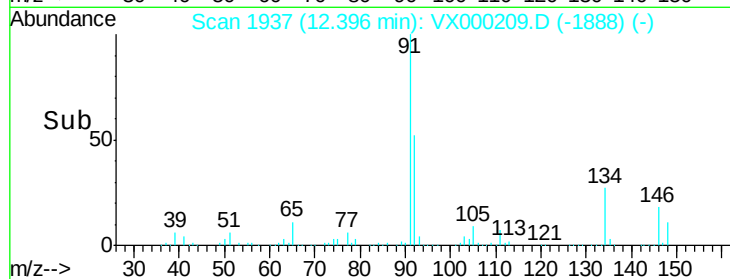
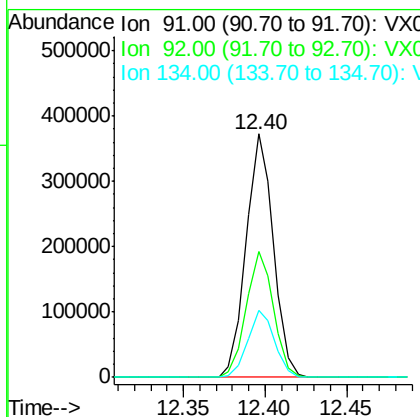
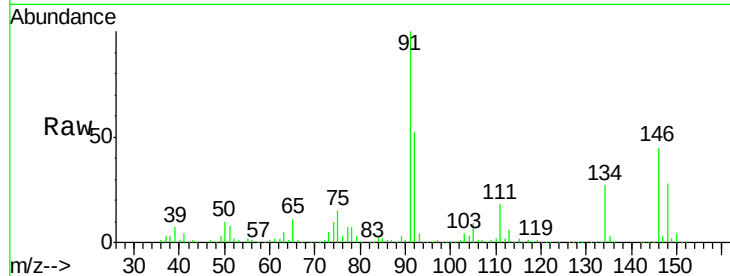
#89
n-Butylbenzene
Concen: 47.13 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.6	25.8	77.4
134	27.0	13.5	40.5

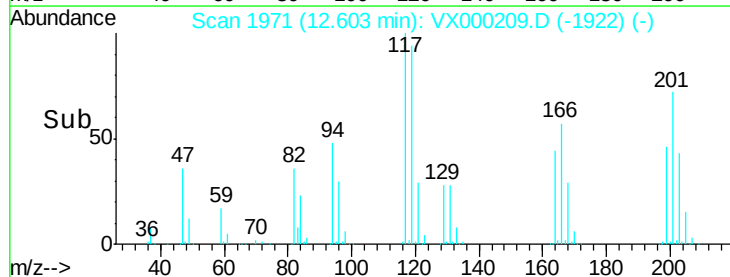
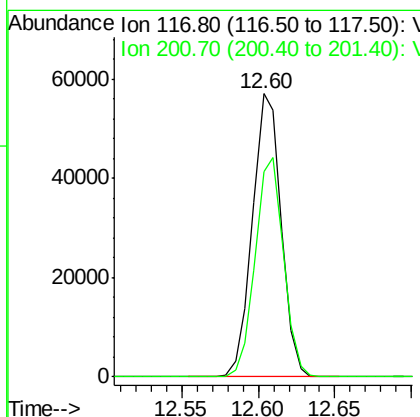
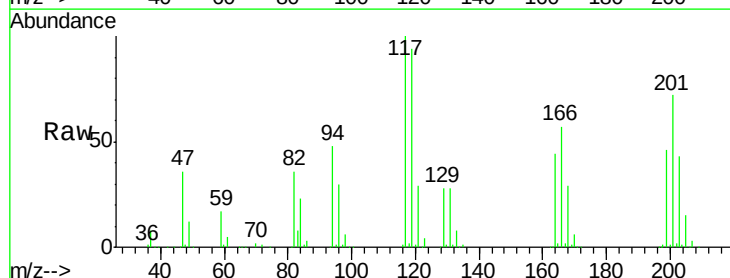
Manual Integrations
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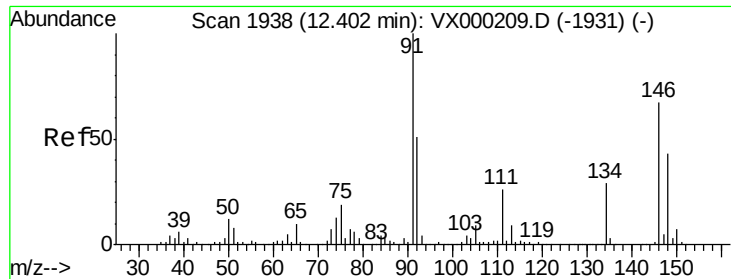
apatel
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#90
Hexachloroethane
Concen: 47.58 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.4	38.2	114.6





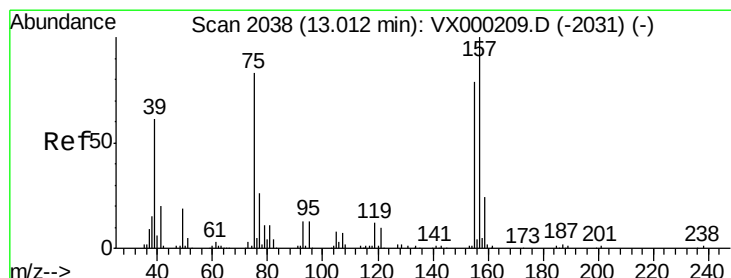
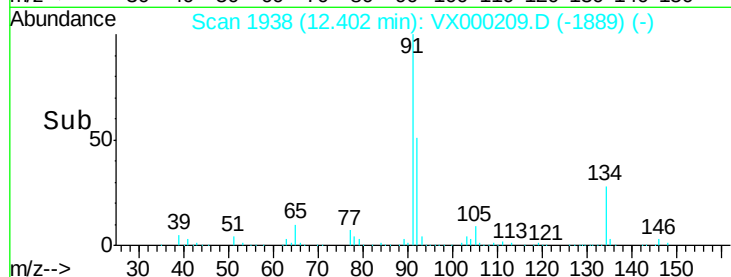
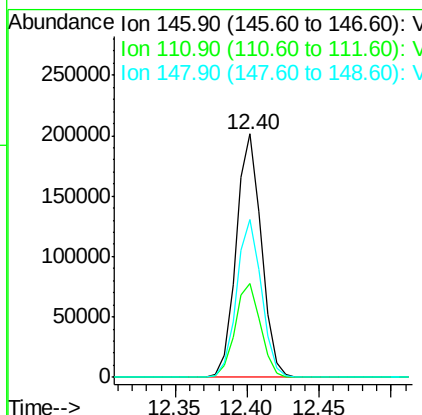
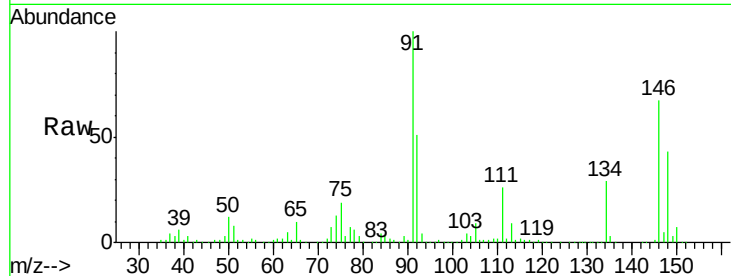
#91
 1,2-Dichlorobenzene
 Concen: 46.79 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000209.D
 Acq: 07 Mar 2018 13:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.7	59.0
148	64.0	32.0	96.0

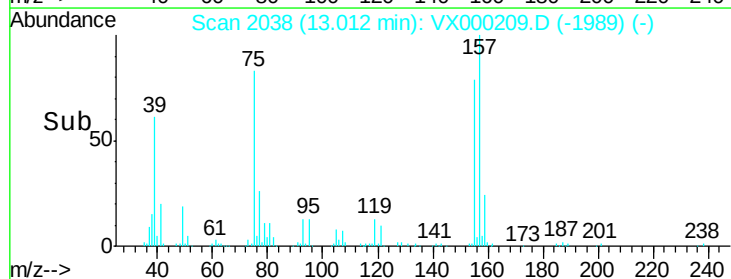
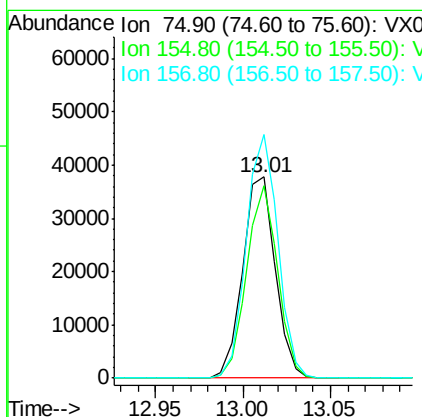
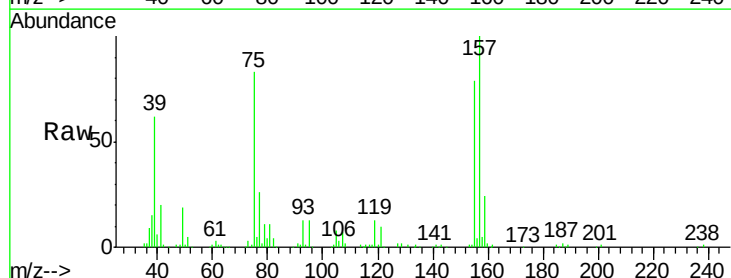
Manual Integrations
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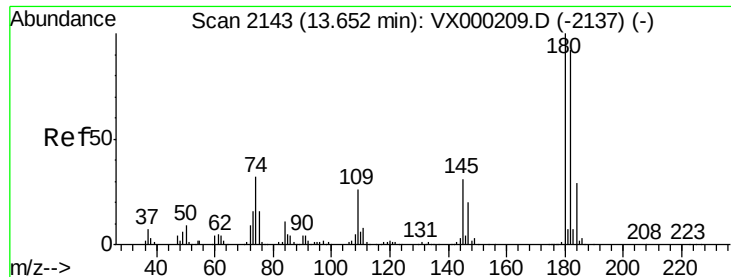
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.36 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. 0.00 min
 Lab File: VX000209.D
 Acq: 07 Mar 2018 13:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.0	45.5	136.5
157	117.2	58.6	175.8





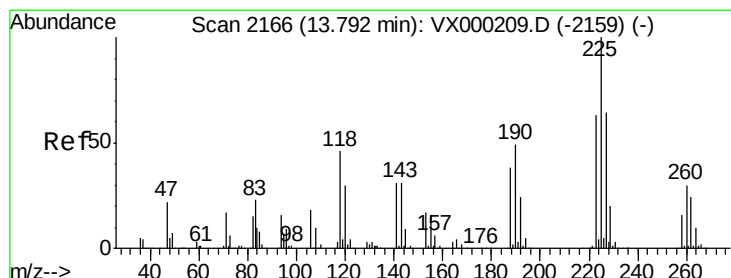
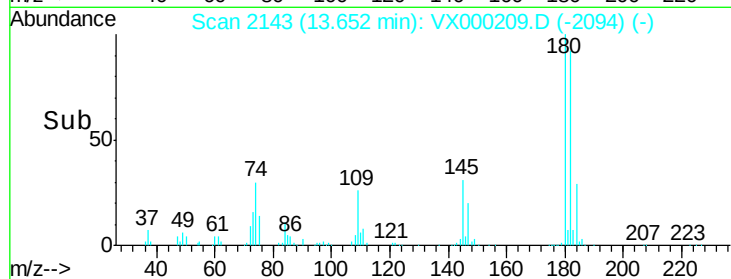
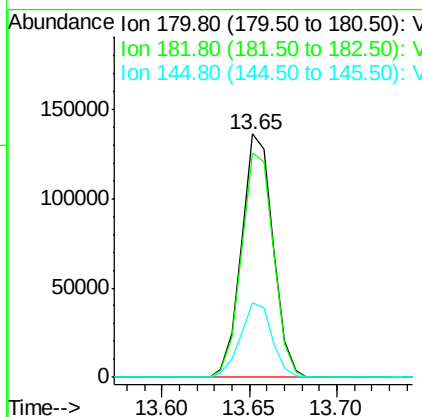
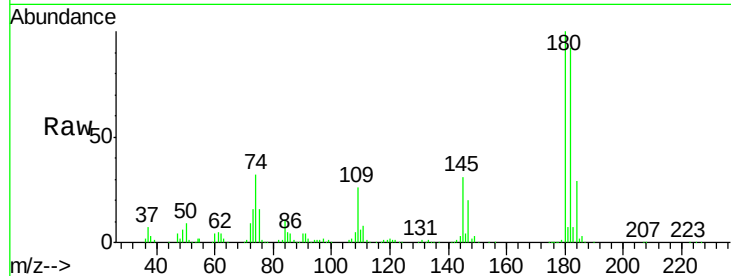
#93
 1,2,4-Trichlorobenzene
 Concen: 43.73 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000209.D
 Acq: 07 Mar 2018 13:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	170145		
182	94.0	47.0	141.0	
145	30.6	15.3	45.9	

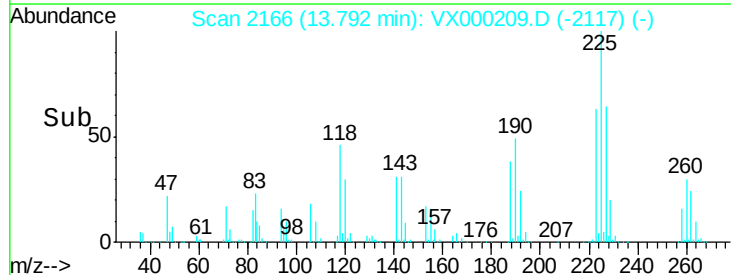
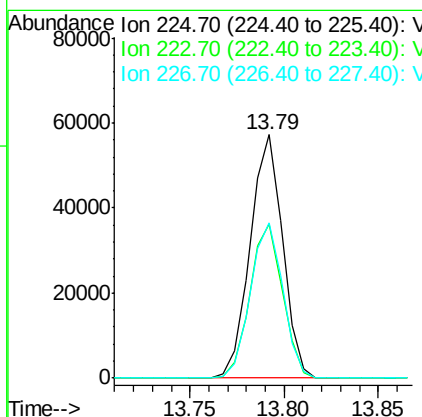
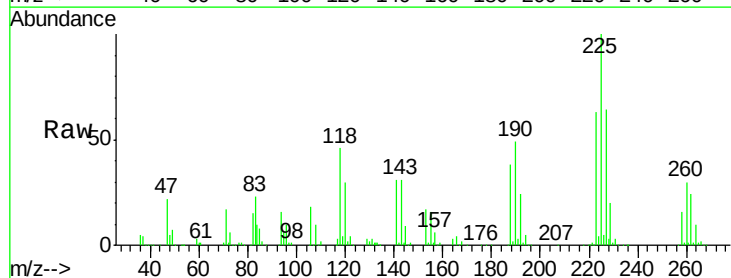
Manual Integrations
 APPROVED

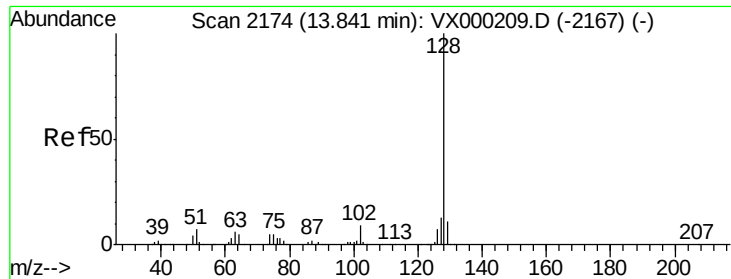
apatel
 3/8/2018 10:42:17 AM



#94
 Hexachlorobutadiene
 Concen: 40.78 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000209.D
 Acq: 07 Mar 2018 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	68336		
223	63.5	31.8	95.3	
227	63.7	31.9	95.5	





#95

Naphthalene

Concen: 46.63 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

Instrument :

MSVOA_X

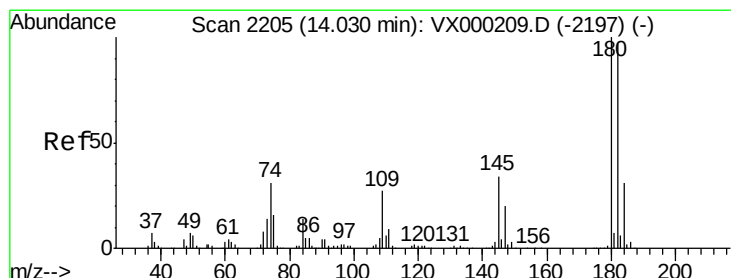
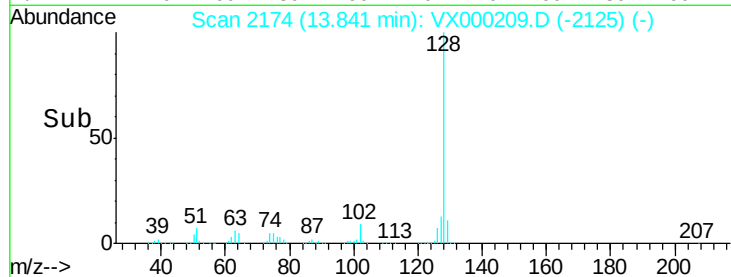
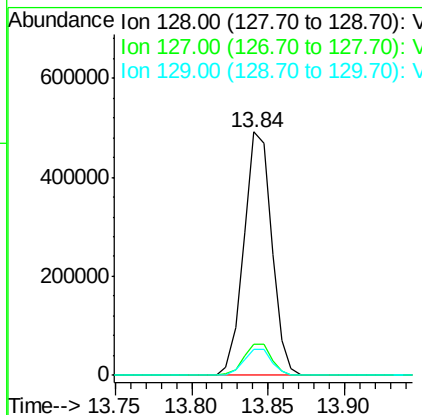
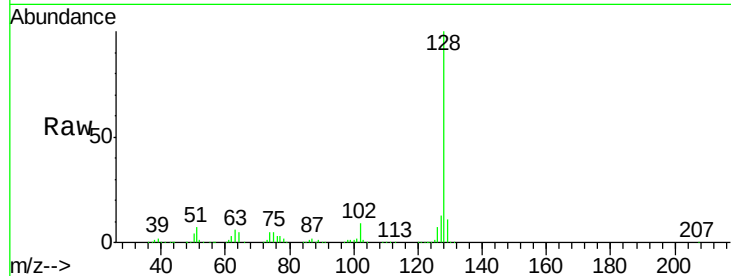
ClientSampleId :

VSTDICCC050

Tot Ion:	128	Resp:	619540
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.5	15.7
129	10.8	8.6	13.0

Manual Integrations
APPROVED

apatel
3/8/2018 10:42:17 AM



#96

1,2,3-Trichlorobenzene

Concen: 43.83 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

Tgt Ion:	180	Resp:	168154
Ion Ratio	Lower	Upper	
180	100		
182	96.0	48.0	144.0
145	32.5	16.3	48.8

