

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070518\
 Data File : VW003734.D
 Acq On : 05 Jul 2018 20:54
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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apatel
 7/12/2018 5:07:51 PM

Quant Time: Jul 06 04:29:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070218S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 03 08:55:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	212484	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	329238	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	320280	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	174855	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	136002	53.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.38%	
35) Dibromofluoromethane	7.88	113	114017	53.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.20%	
50) Toluene-d8	10.33	98	452631	53.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.40%	
62) 4-Bromofluorobenzene	12.62	95	166809	55.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	52063	45.70	ug/l	98
3) Chloromethane	2.21	50	90168	53.27	ug/l	99
4) Vinyl Chloride	2.36	62	131029	56.74	ug/l	98
5) Bromomethane	2.78	94	87401	57.72	ug/l	95
6) Chloroethane	2.92	64	79793	57.42	ug/l	99
7) Trichlorofluoromethane	3.25	101	54519	44.40	ug/l	98
8) Diethyl Ether	3.67	74	58249	51.26	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.04	101	110594	54.19	ug/l	100
10) Methyl Iodide	4.26	142	165006	55.06	ug/l	99
11) Tert butyl alcohol	5.22	59	42277	266.70	ug/l	98
12) 1,1-Dichloroethene	4.03	96	106717	52.47	ug/l	98
13) Acrolein	3.89	56	22196	288.58	ug/l	93
14) Allyl chloride	4.66	41	181413	52.15	ug/l	98
15) Acrylonitrile	5.37	53	153057	290.43	ug/l	100
16) Acetone	4.14	43	134000	221.60	ug/l	97
17) Carbon Disulfide	4.37	76	335506	54.95	ug/l	98
18) Methyl Acetate	4.67	43	74646	56.72	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	229249	57.70	ug/l	98
20) Methylene Chloride	4.90	84	126261	54.82	ug/l	98
21) trans-1,2-Dichloroethene	5.41	96	122327	54.91	ug/l	96
22) Diisopropyl ether	6.31	45	410945	57.62	ug/l	99
23) Vinyl Acetate	6.26	43	1320177	271.72	ug/l	100
24) 1,1-Dichloroethane	6.21	63	233593	54.92	ug/l	99
25) 2-Butanone	7.18	43	217506	280.91	ug/l	99
26) 2,2-Dichloropropane	7.17	77	122865	47.11	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	135679	55.93	ug/l	98
28) Bromochloromethane	7.51	49	98660	52.77	ug/l	100
29) Tetrahydrofuran	7.54	42	141973	305.88	ug/l	100
30) Chloroform	7.68	83	240675	55.96	ug/l	96
31) Cyclohexane	7.95	56	198222	51.18	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	183947	54.94	ug/l	99
36) 1,1-Dichloropropene	8.08	75	188234	56.95	ug/l	99
37) Ethyl Acetate	7.26	43	98419	61.18	ug/l	99
38) Carbon Tetrachloride	8.07	117	178683	56.83	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	215699	56.67	ug/l	99
40) Benzene	8.32	78	530578	57.12	ug/l	100
41) Methacrylonitrile	7.49	41	62835	68.72	ug/l	89
42) 1,2-Dichloroethane	8.40	62	174696	59.73	ug/l	99
43) Isopropyl Acetate	8.43	43	185662	61.28	ug/l	99
44) Trichloroethene	9.09	130	133845	55.74	ug/l	100
45) 1,2-Dichloropropane	9.37	63	138668	57.55	ug/l	99
46) Dibromomethane	9.46	93	75426	60.27	ug/l	99
47) Bromodichloromethane	9.65	83	182248	58.91	ug/l	100
48) Methyl methacrylate	9.44	41	91047	56.40	ug/l	98
49) 1,4-Dioxane	9.48	88	25419	1294.80	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	513794	321.82	ug/l	99
52) Toluene	10.39	92	341798	58.96	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	189650	59.09	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	209982	57.71	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	105972	60.10	ug/l	98
56) Ethyl methacrylate	10.65	69	140910	55.86	ug/l	95
57) 1,3-Dichloropropane	10.93	76	186143	60.77	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	266576	282.87	ug/l	99
59) 2-Hexanone	10.98	43	363595	318.59	ug/l	98
60) Dibromochloromethane	11.13	129	125408	60.84	ug/l	98
61) 1,2-Dibromoethane	11.24	107	101797	60.28	ug/l	99
64) Tetrachloroethene	10.87	164	126453	58.42	ug/l	96
65) Chlorobenzene	11.66	112	375613	55.78	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	133564	56.76	ug/l	99
67) Ethyl Benzene	11.74	91	674741	57.19	ug/l	98
68) m/p-Xylenes	11.84	106	517233	115.29	ug/l	99
69) o-Xylene	12.17	106	241874	58.32	ug/l	99
70) Styrene	12.19	104	418752	60.11	ug/l	99
71) Bromoform	12.35	173	79177	60.55	ug/l #	100
73) Isopropylbenzene	12.47	105	666228	56.01	ug/l	100
74) N-amyl acetate	12.28	43	189659	60.39	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	134787	57.94	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	91626m	58.28	ug/l	
77) Bromobenzene	12.75	156	159418	55.85	ug/l	100
78) n-propylbenzene	12.81	91	827074	56.29	ug/l	100
79) 2-Chlorotoluene	12.90	91	466612	55.81	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	573068	56.95	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	41629	56.11	ug/l	98
82) 4-Chlorotoluene	12.99	91	499428	56.27	ug/l	99
83) tert-Butylbenzene	13.21	119	479131	56.45	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	589467	56.91	ug/l	100
85) sec-Butylbenzene	13.39	105	708476	56.10	ug/l	100
86) p-Isopropyltoluene	13.51	119	628232	56.87	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	319862	55.21	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	318987	55.10	ug/l	99
89) n-Butylbenzene	13.83	91	610429	55.89	ug/l	99
90) Hexachloroethane	14.10	117	114184	55.64	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	292657	56.50	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	24304	59.96	ug/l	96

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Quant Title : SW846 8260
QLast Update : Tue Jul 03 08:55:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	203157	55.62	ug/l	100
94) Hexachlorobutadiene	15.24	225	114911	54.47	ug/l	98
95) Naphthalene	15.38	128	402288	60.73	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	184695	56.77	ug/l	99

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

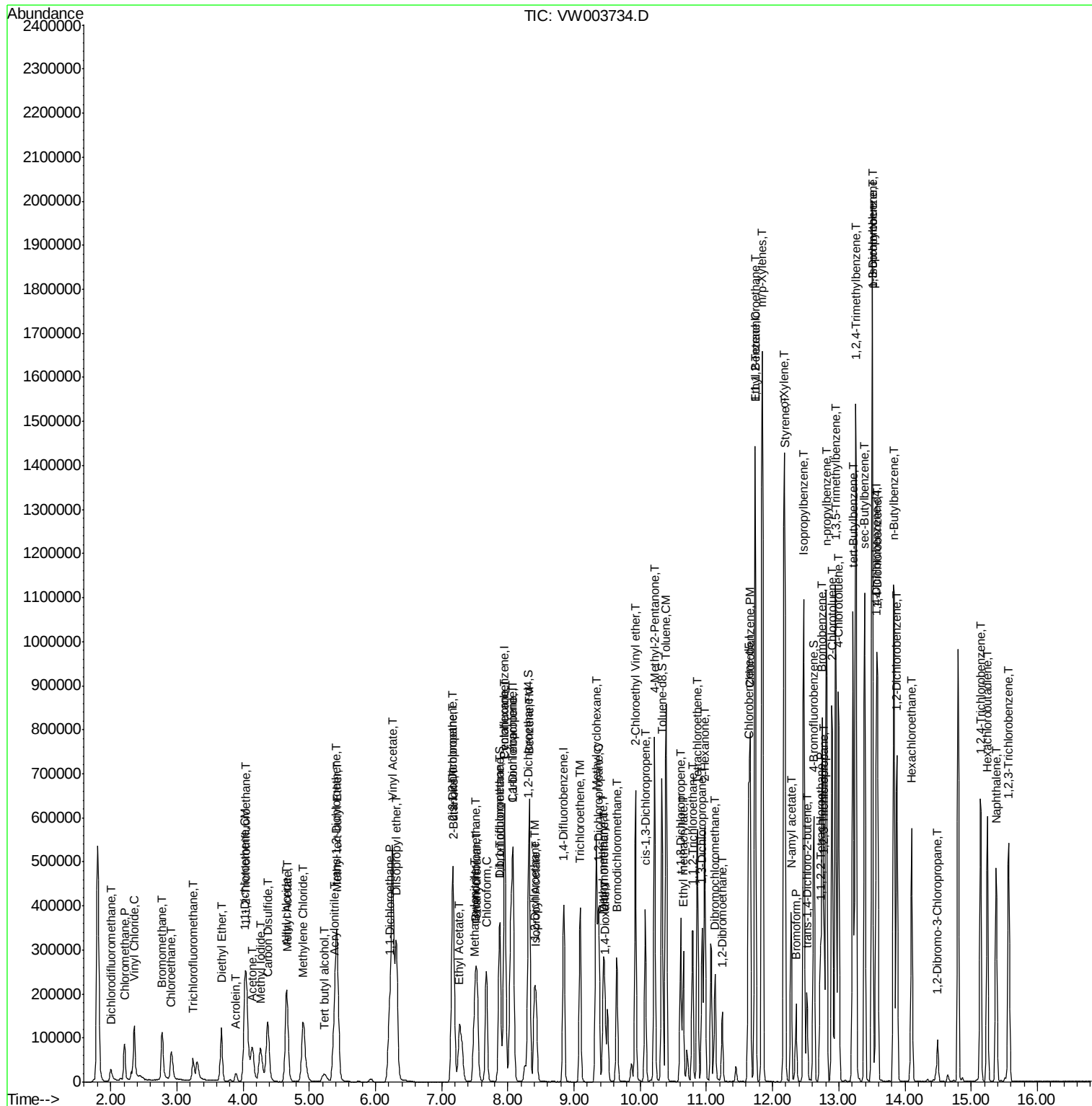
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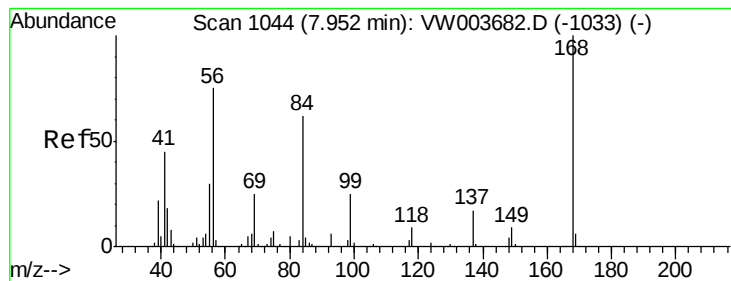
Instrument :
MSVOA_W
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 212484

Ion Ratio Lower Upper

168 100

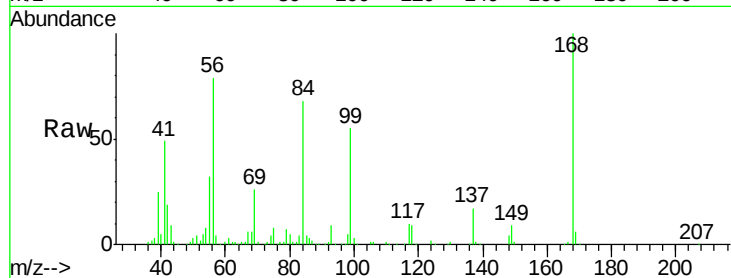
99 55.0 45.4 68.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

40000

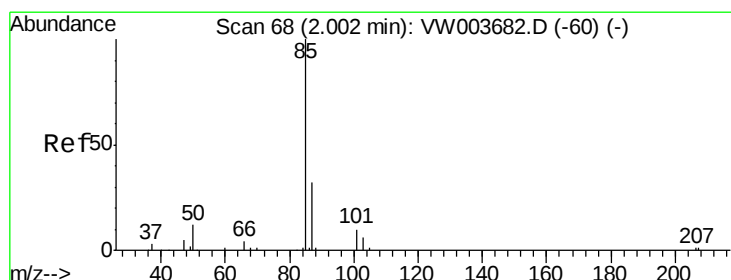
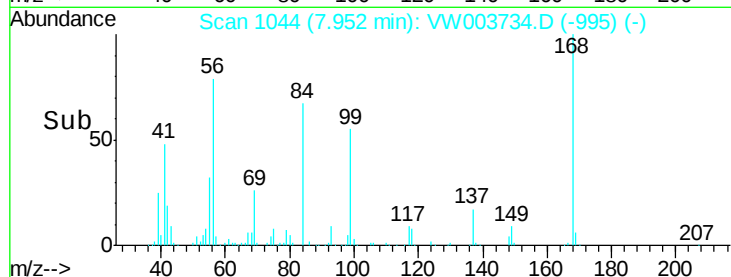
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 45.70 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003734.D

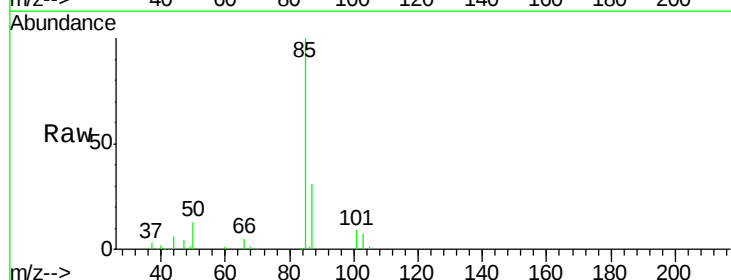
Acq: 05 Jul 2018 20:54

Tgt Ion: 85 Resp: 52063

Ion Ratio Lower Upper

85 100

87 31.0 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

15000

10000

5000

0

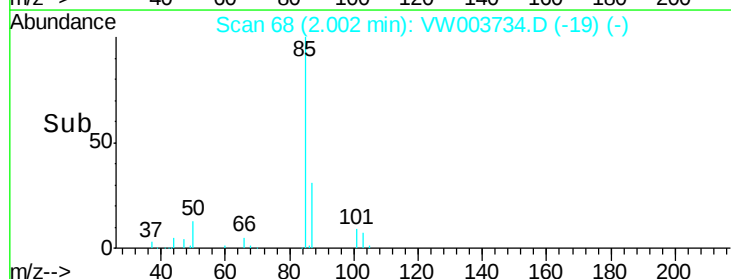
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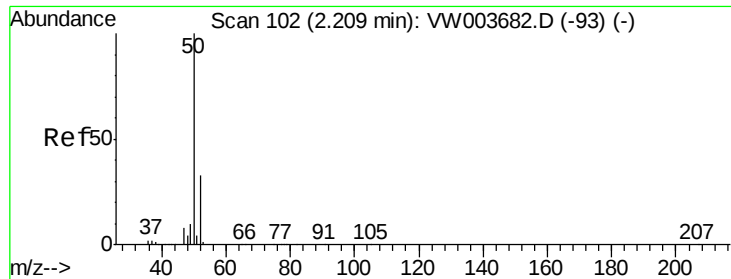
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 53.27 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 50 Resp: 90168

Ion Ratio Lower Upper

50 100

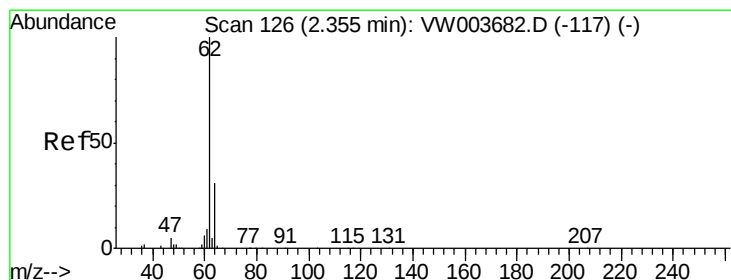
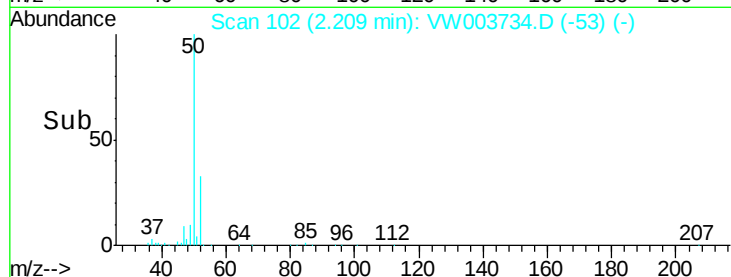
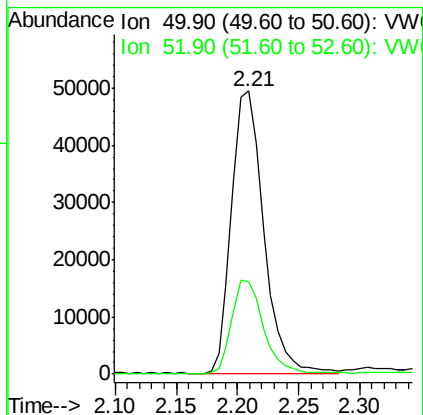
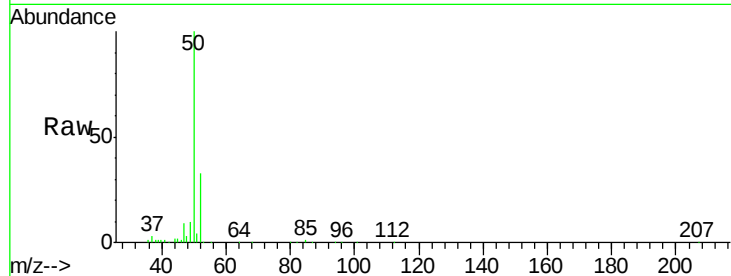
52 32.9 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 56.74 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003734.D

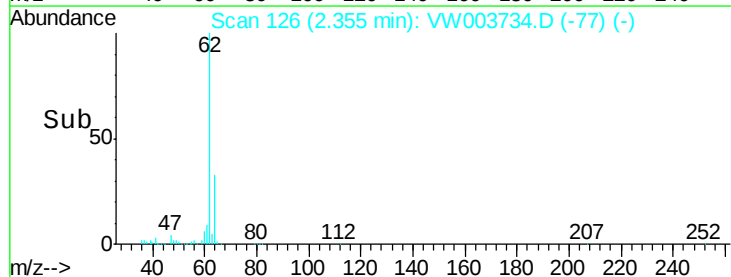
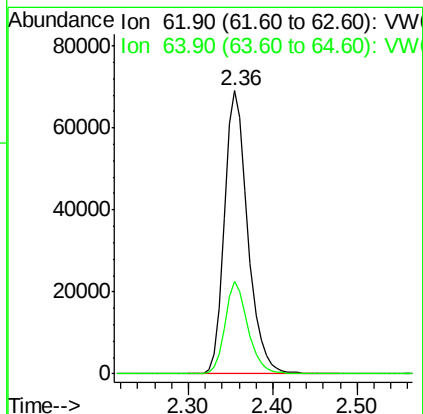
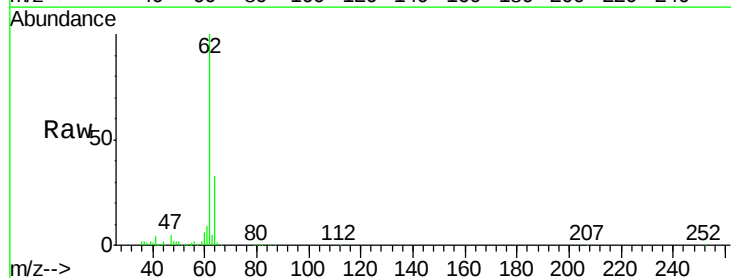
Acq: 05 Jul 2018 20:54

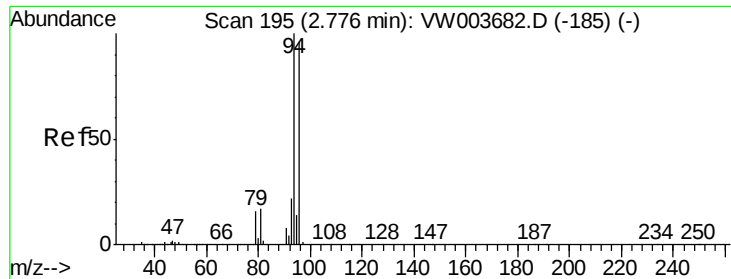
Tgt Ion: 62 Resp: 131029

Ion Ratio Lower Upper

62 100

64 32.7 25.1 37.7





#5

Bromomethane

Concen: 57.72 ug/l

RT: 2.78 min Scan# 195

Delta R.T. 0.00 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 87401

Ion Ratio Lower Upper

94 100

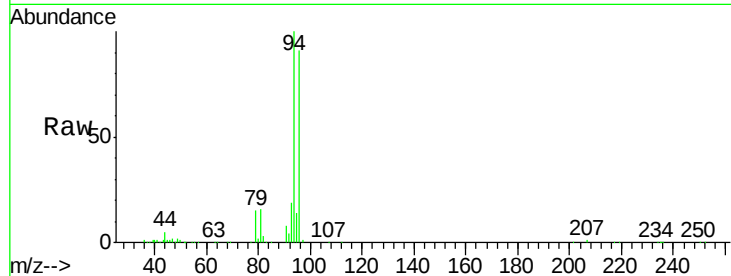
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Manual Integrations

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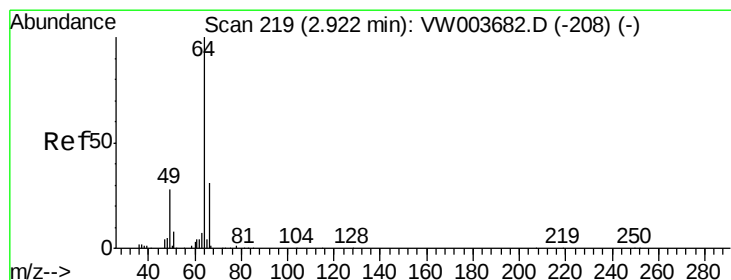
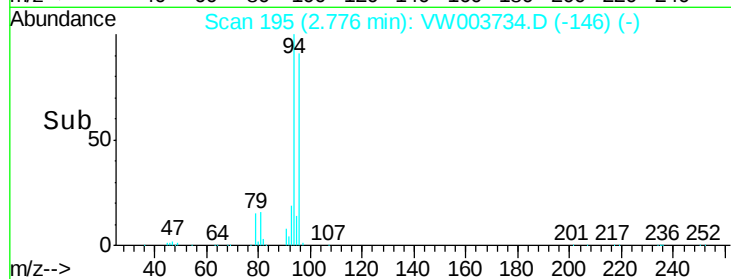
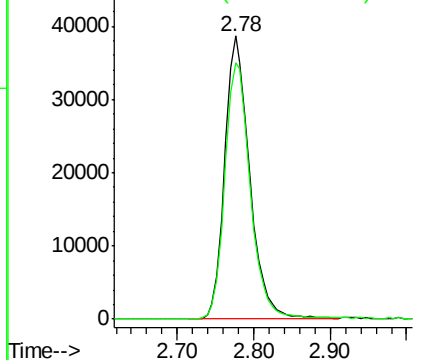
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 57.42 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW003734.D

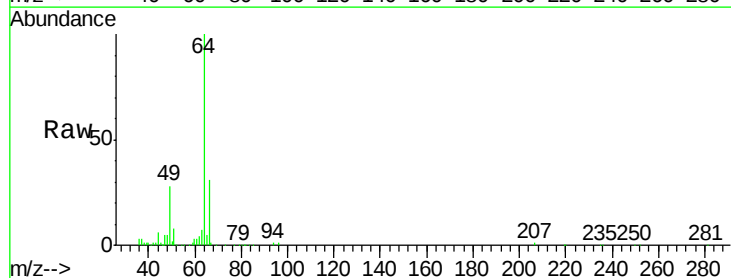
Acq: 05 Jul 2018 20:54

Tgt Ion: 64 Resp: 79793

Ion Ratio Lower Upper

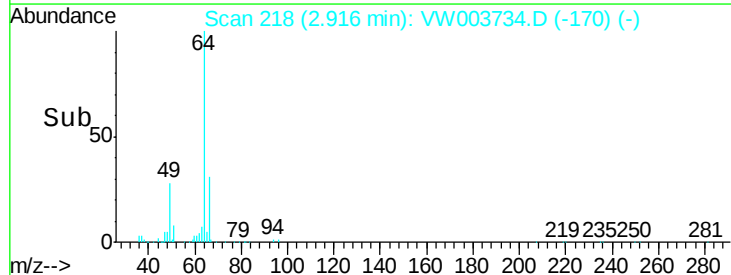
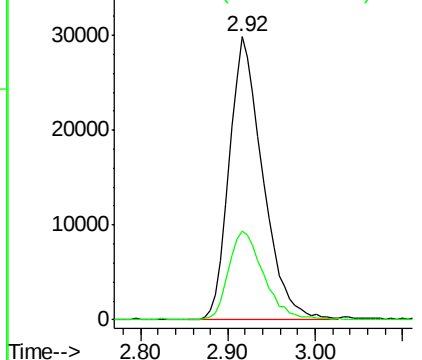
64 100

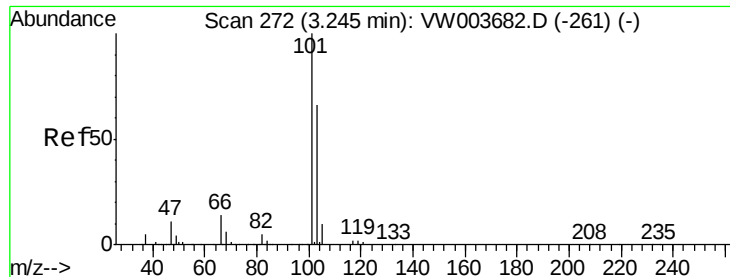
66 31.0 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

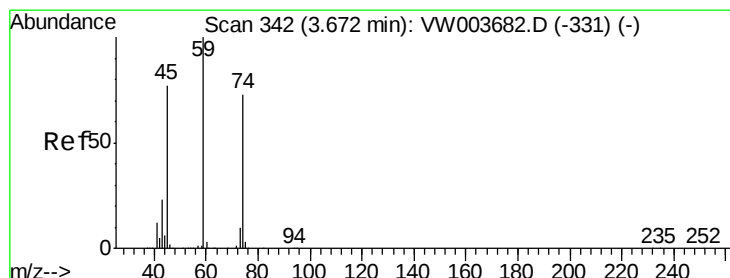
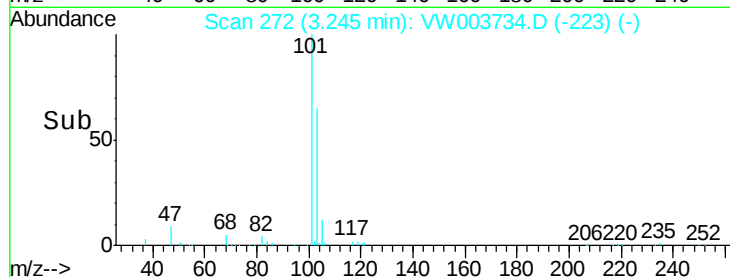
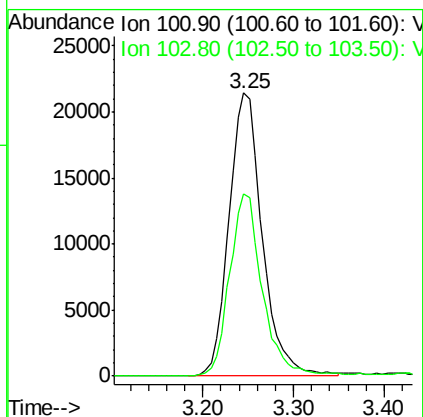
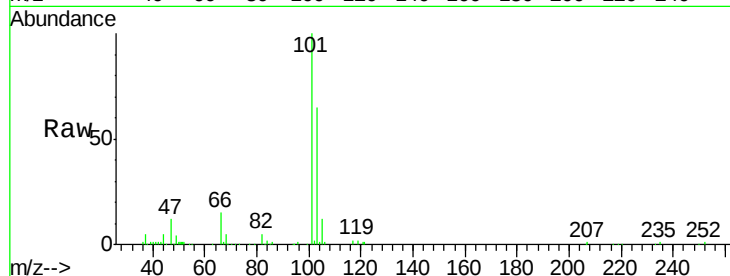
Trichlorofluoromethane
 Concen: 44.40 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. 0.00 min
 Lab File: VW003734.D
 Acq: 05 Jul 2018 20:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	52.9	79.3

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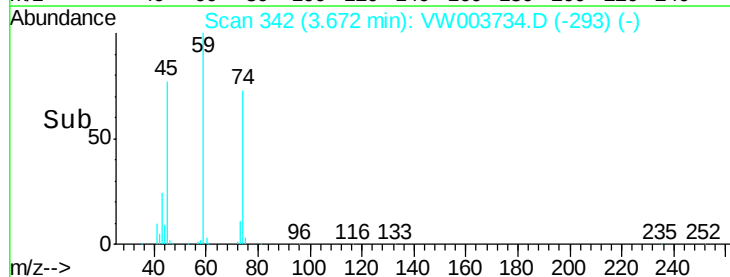
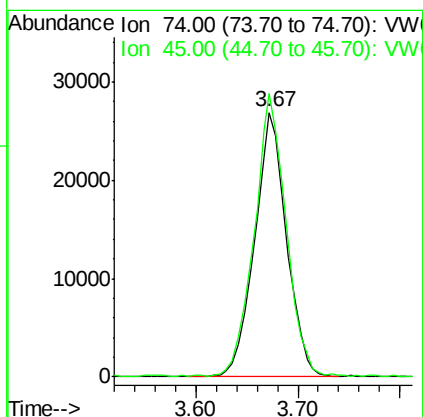
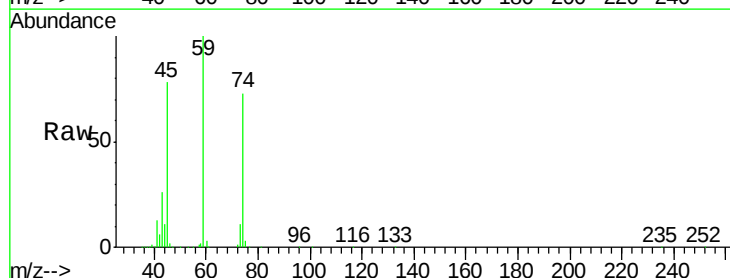
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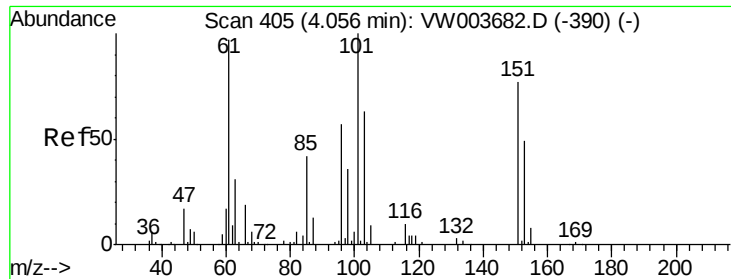


#8

Diethyl Ether
 Concen: 51.26 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VW003734.D
 Acq: 05 Jul 2018 20:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.4	53.5	160.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.19 ug/l

RT: 4.04 min Scan# 403

Delta R.T. -0.01 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

Instrument :

MSVOA_W

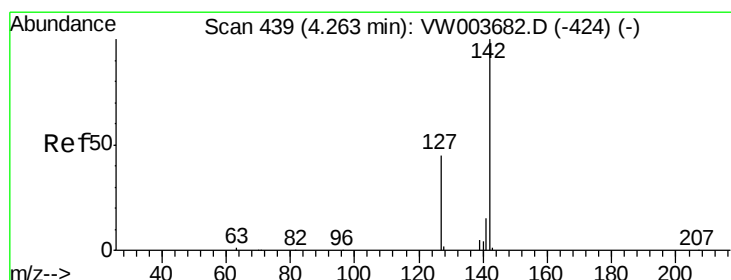
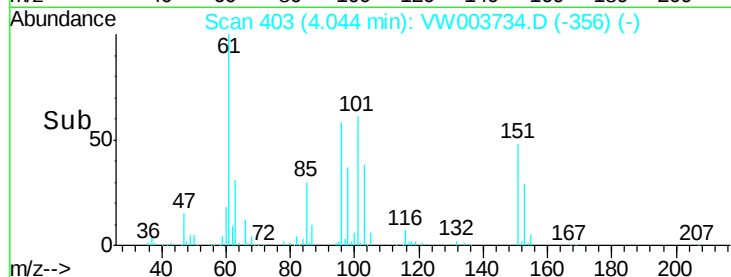
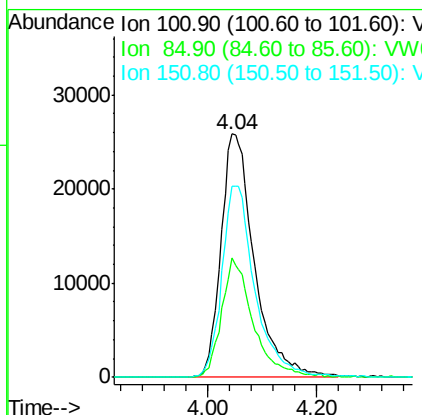
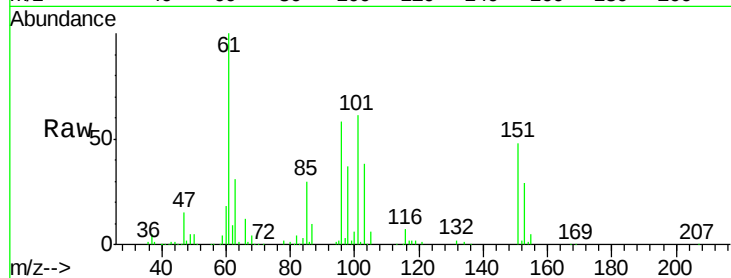
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	110594
Ion Ratio	Lower	Upper	
101	100		
85	46.3	36.6	55.0
151	77.9	62.4	93.6

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#10

Methyl Iodide

Concen: 55.06 ug/l

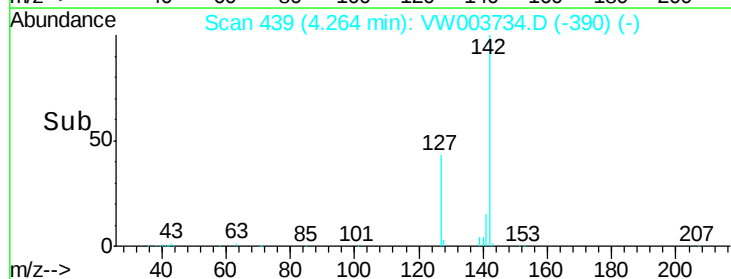
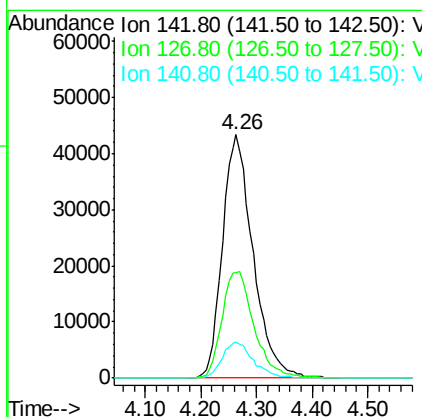
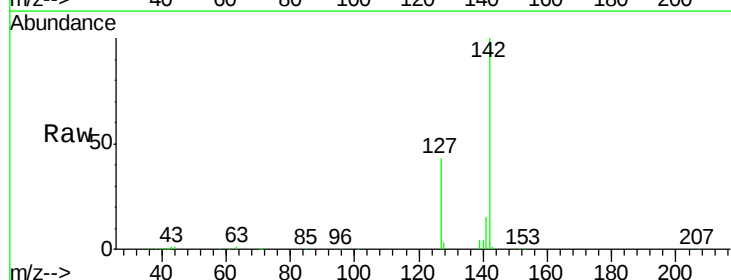
RT: 4.26 min Scan# 439

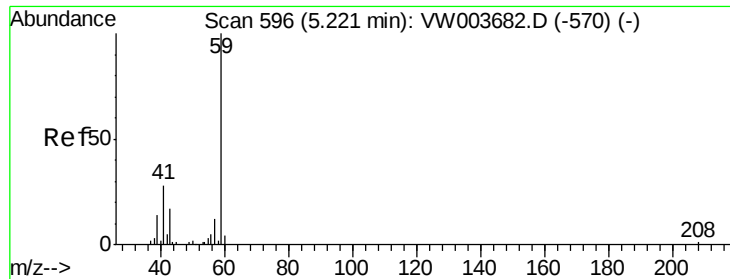
Delta R.T. 0.00 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

Tgt Ion:	142	Resp:	165006
Ion Ratio	Lower	Upper	
142	100		
127	46.0	36.0	54.0
141	15.0	11.9	17.9





#11

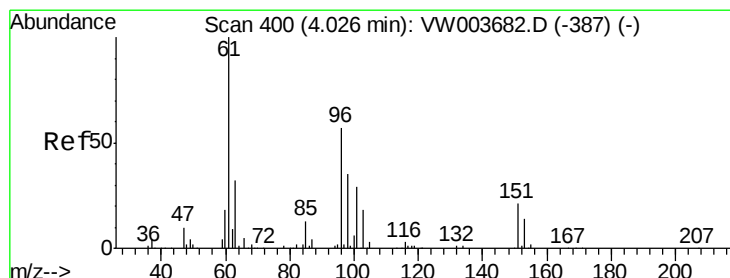
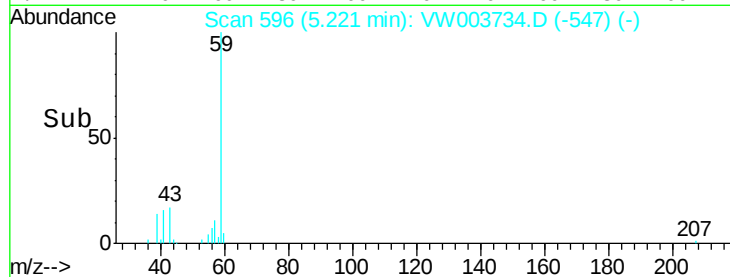
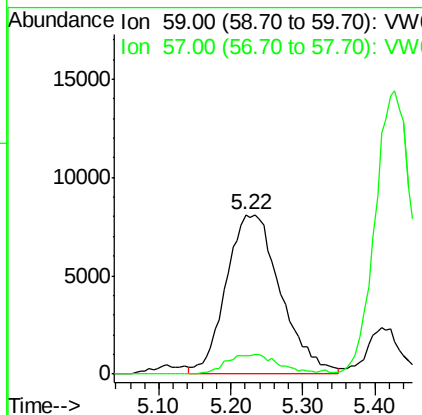
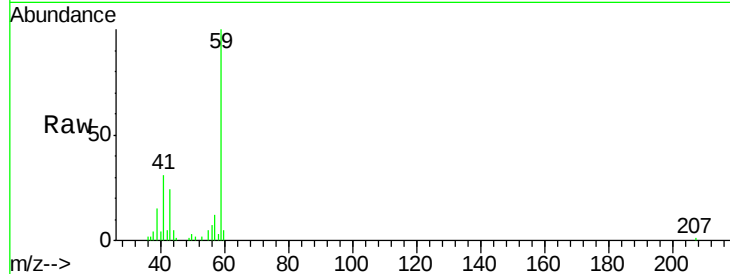
Tert butyl alcohol
Concen: 266.70 ug/l
RT: 5.22 min Scan# 596
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	42277
Ion Ratio	100	Lower	Upper
57	12.0	9.0	13.4

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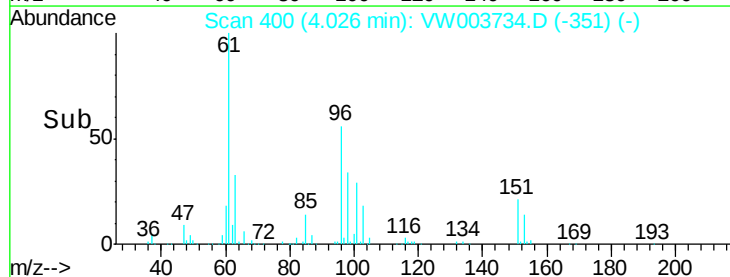
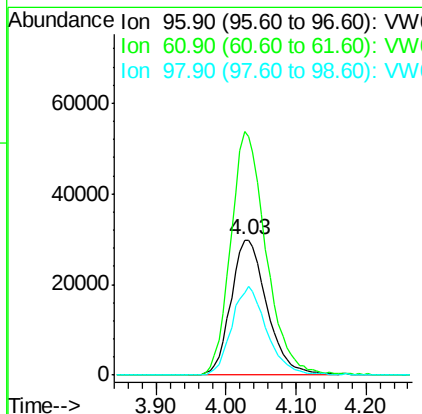
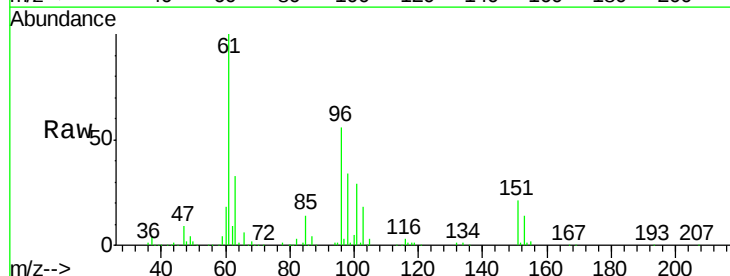
apatel
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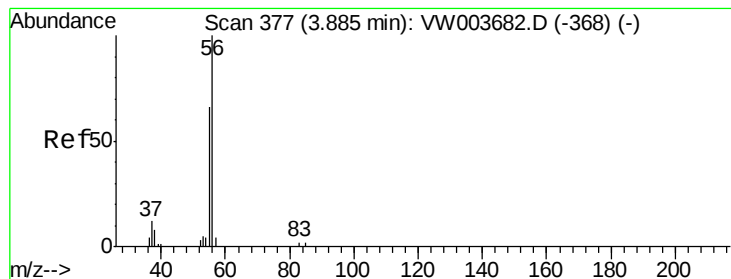


#12

1,1-Dichloroethene
Concen: 52.47 ug/l
RT: 4.03 min Scan# 400
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Tgt Ion	96	Resp	106717
Ion Ratio	100	Lower	Upper
61	180.0	140.6	211.0
98	61.2	49.4	74.0





#13

Acrolein

Concen: 288.58 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.01 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 22196

Ion Ratio Lower Upper

56 100

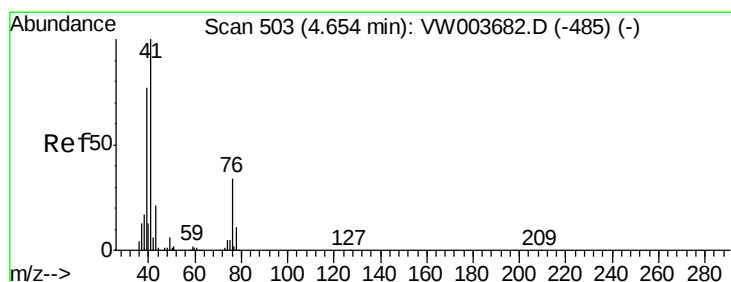
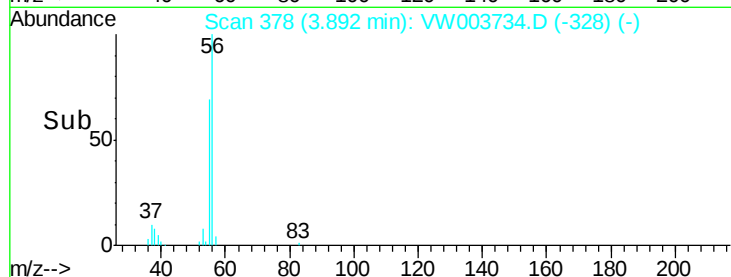
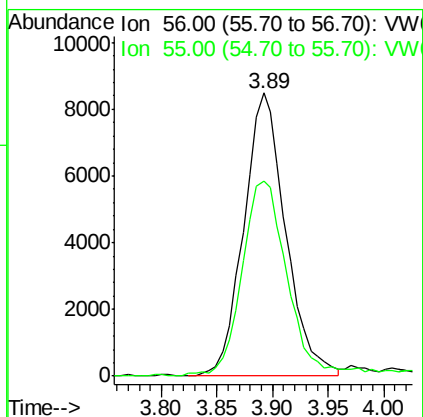
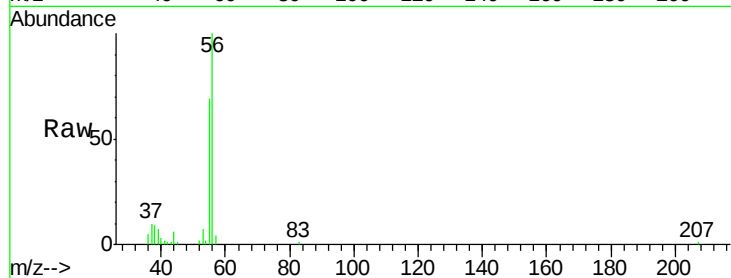
55 73.8 54.7 82.1

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#14

Allyl chloride

Concen: 52.15 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.01 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

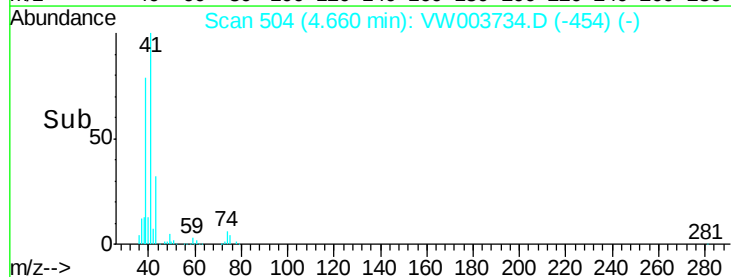
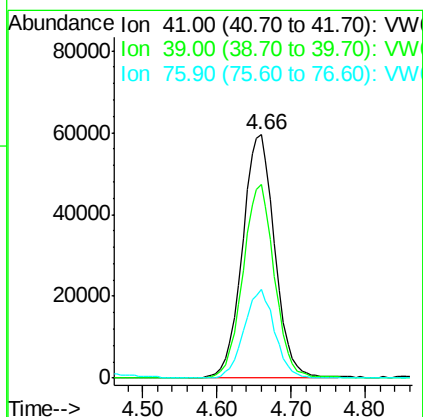
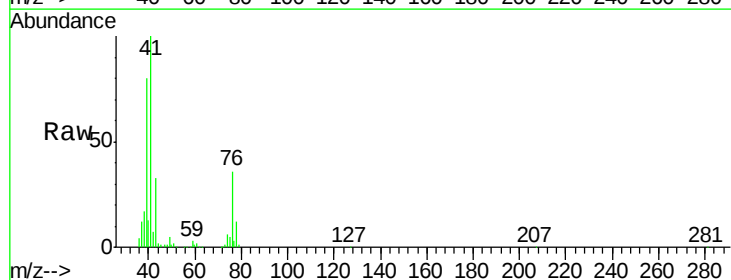
Tgt Ion: 41 Resp: 181413

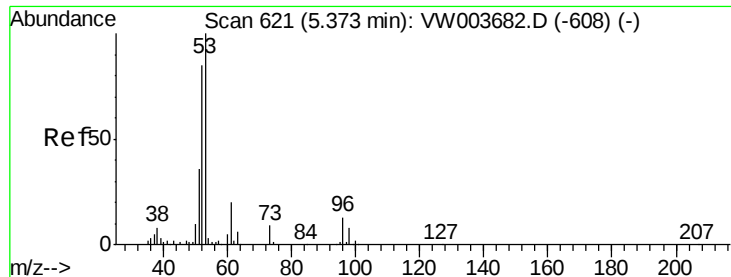
Ion Ratio Lower Upper

41 100

39 77.7 60.1 90.1

76 34.1 27.2 40.8





#15

Acrylonitrile

Concen: 290.43 ug/l

RT: 5.37 min Scan# 621

Delta R.T. 0.00 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

Instrument :

MSVOA_W

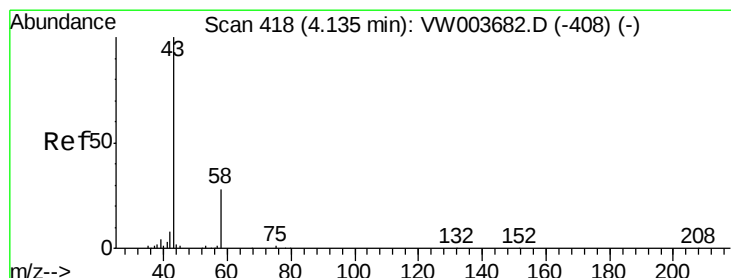
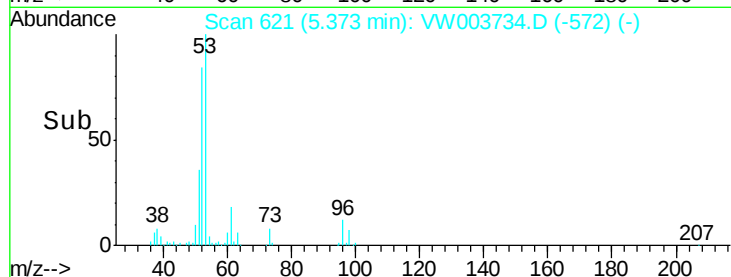
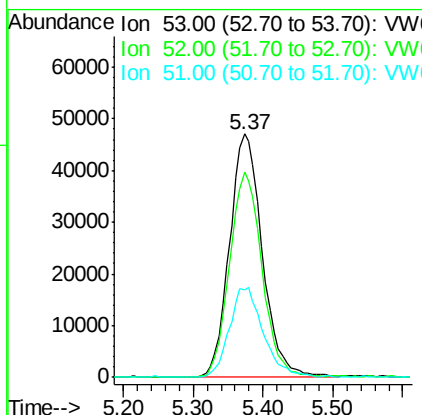
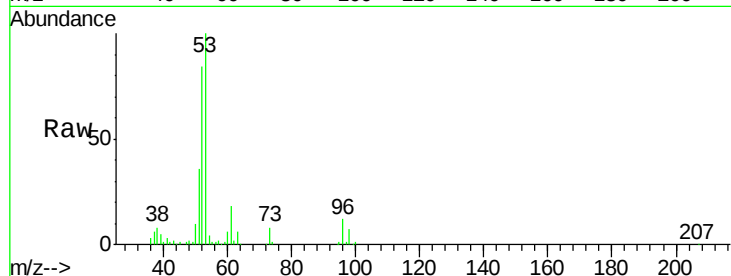
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	153057
Ion	Ratio	Lower	Upper
53	100		
52	83.4	66.8	100.2
51	38.3	30.2	45.4

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#16

Acetone

Concen: 221.60 ug/l

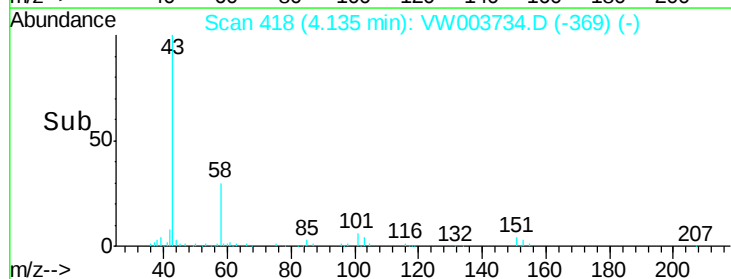
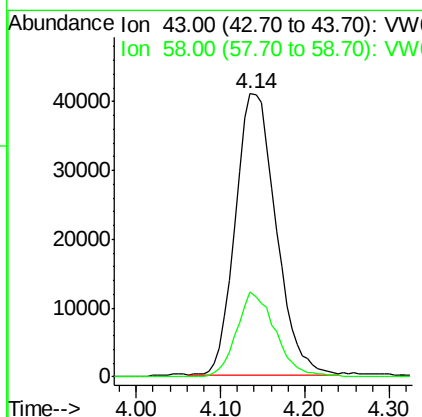
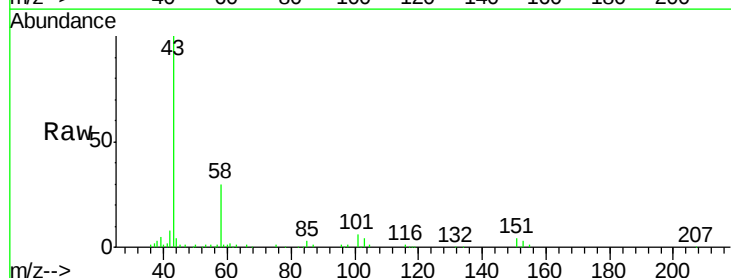
RT: 4.14 min Scan# 418

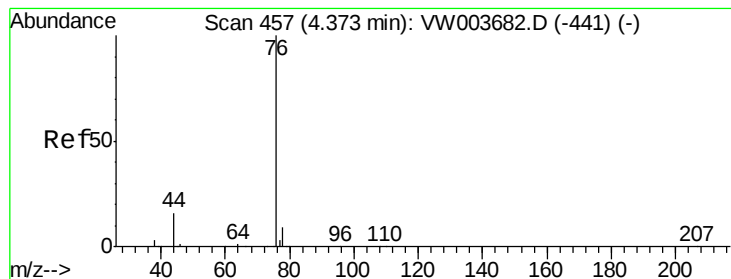
Delta R.T. 0.00 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

Tgt Ion:	43	Resp:	134000
Ion	Ratio	Lower	Upper
43	100		
58	30.2	22.7	34.1





#17

Carbon Disulfide

Concen: 54.95 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.00 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 335506

Ion Ratio Lower Upper

76 100

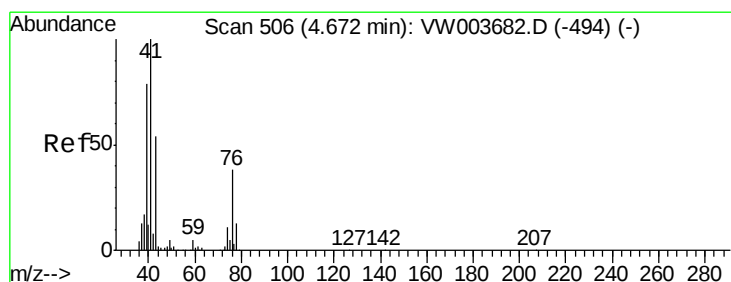
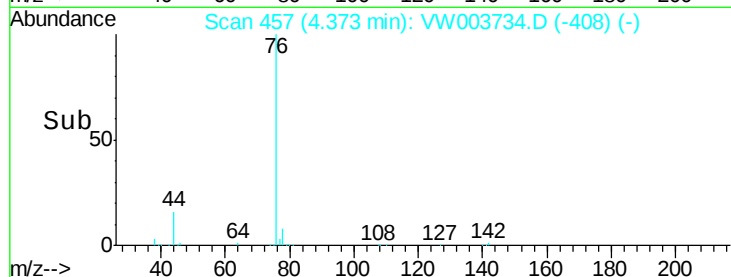
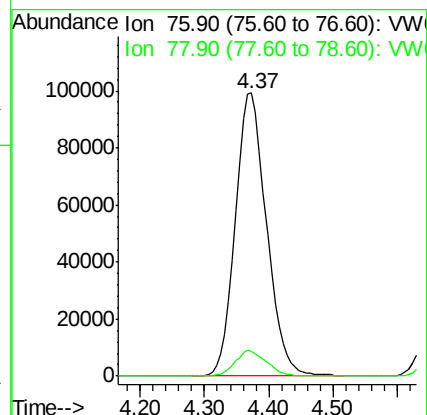
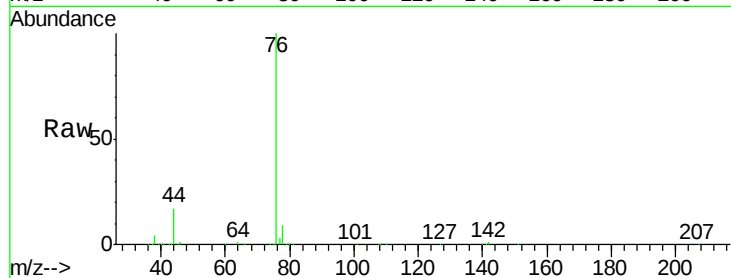
78 8.7 7.4 11.2

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#18

Methyl Acetate

Concen: 56.72 ug/l

RT: 4.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: VW003734.D

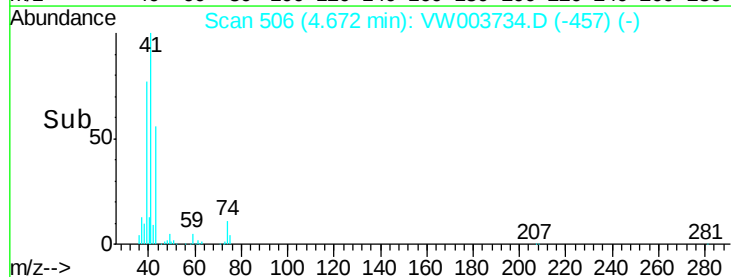
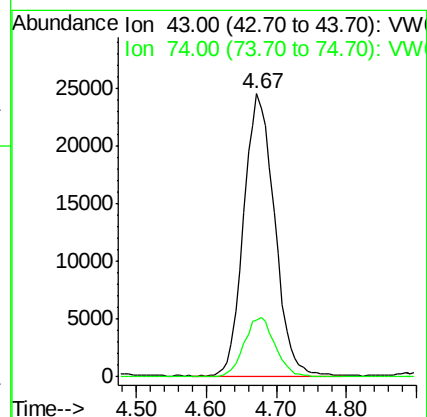
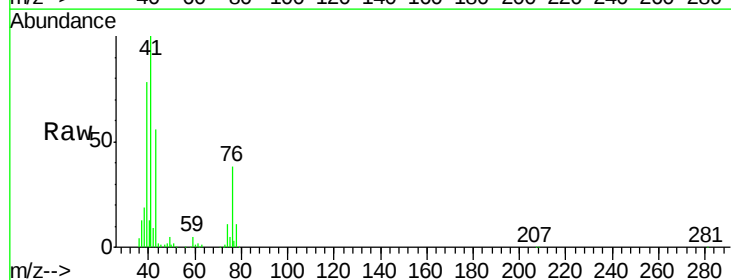
Acq: 05 Jul 2018 20:54

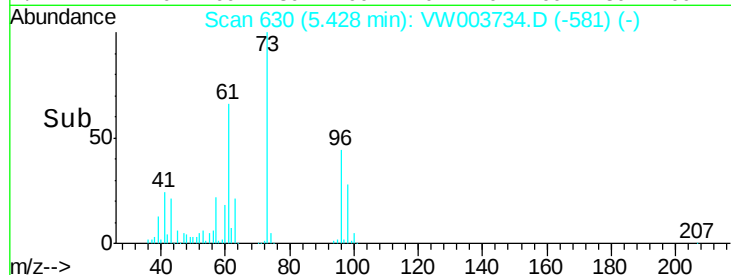
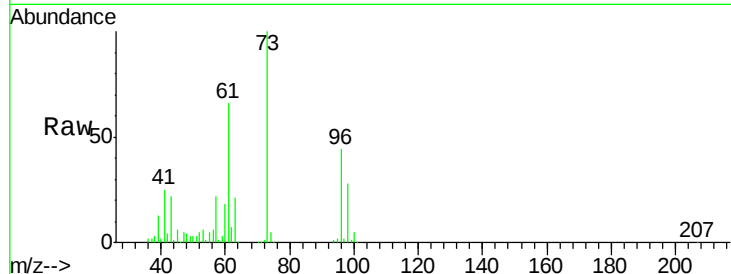
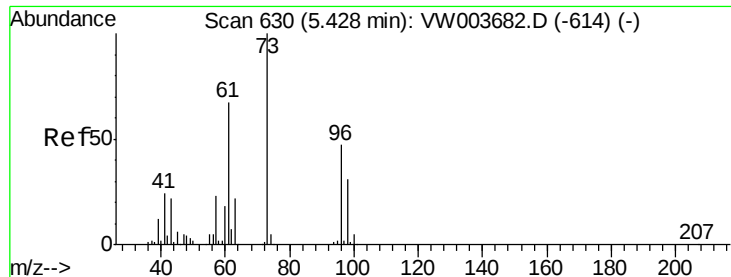
Tgt Ion: 43 Resp: 74646

Ion Ratio Lower Upper

43 100

74 21.3 18.2 27.2





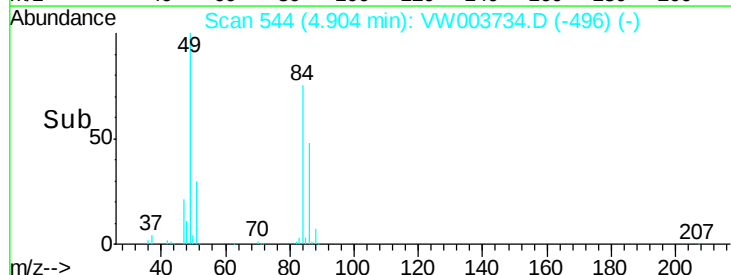
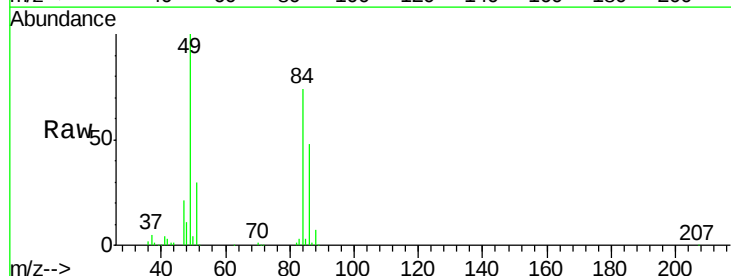
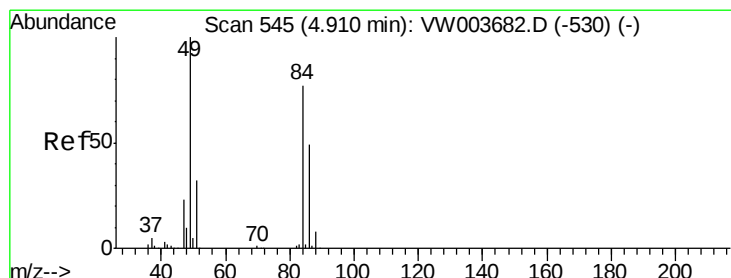
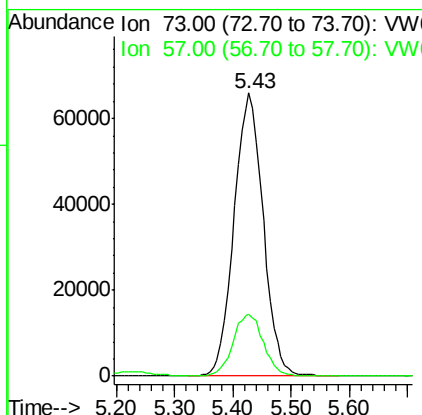
#19
Methvl tert-butvl Ether
Concen: 57.70 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Tot Ion: 73 Resp: 229249
Ion Ratio Lower Upper
73 100
57 21.8 18.1 27.1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

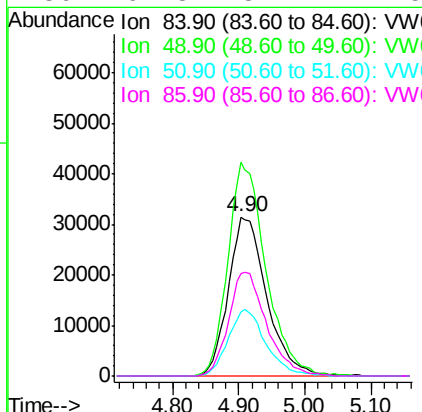
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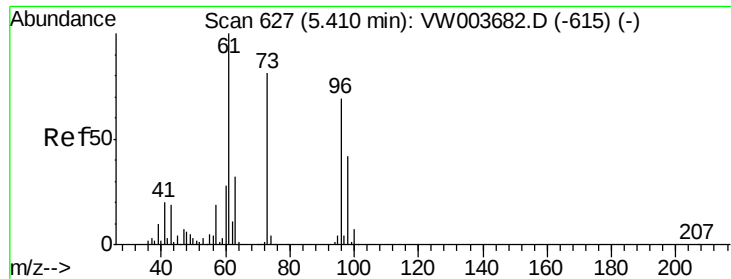
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#20
Methylene Chloride
Concen: 54.82 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Tgt Ion: 84 Resp: 126261
Ion Ratio Lower Upper
84 100
49 134.5 104.6 156.8
51 40.0 33.2 49.8
86 64.8 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 54.91 ug/l

RT: 5.41 min Scan# 627

Delta R.T. 0.00 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

Instrument :

MSVOA_W

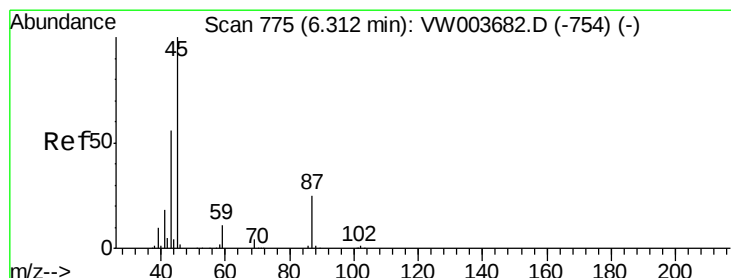
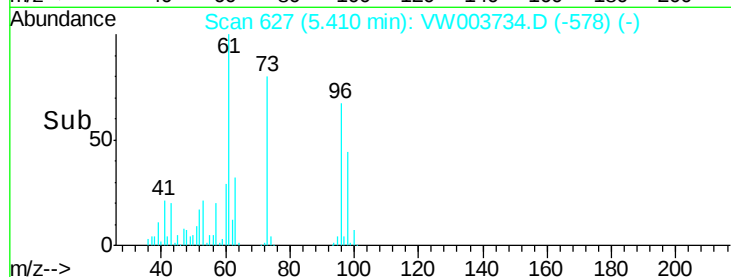
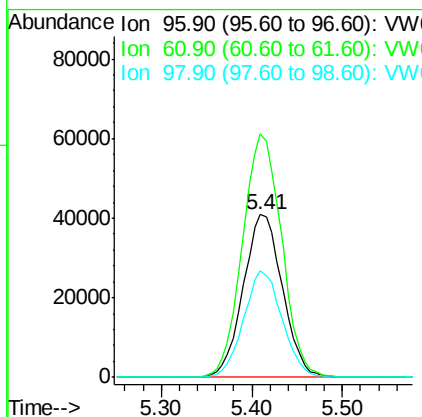
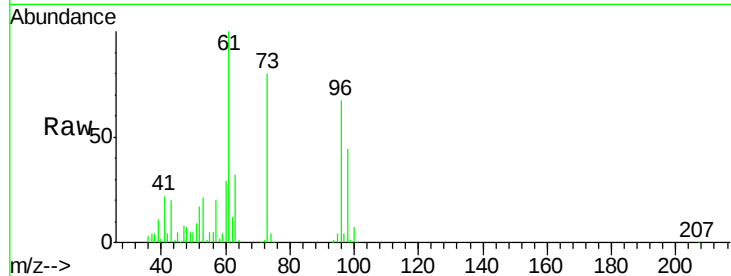
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	122327
Ion	Ratio	Lower	Upper
96	100		
61	149.8	116.8	175.2
98	65.9	49.6	74.4

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#22

Diisopropyl ether

Concen: 57.62 ug/l

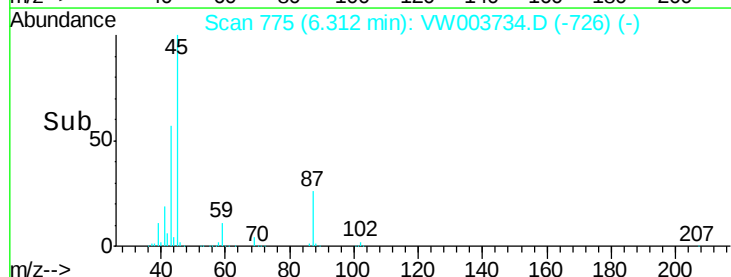
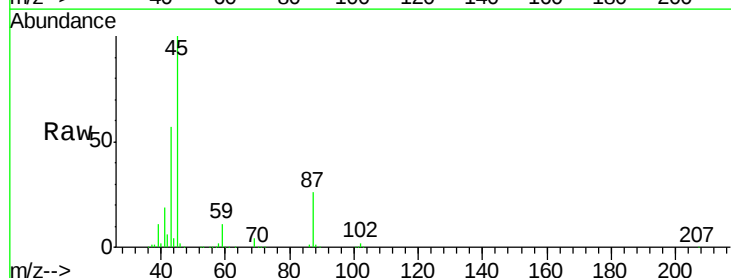
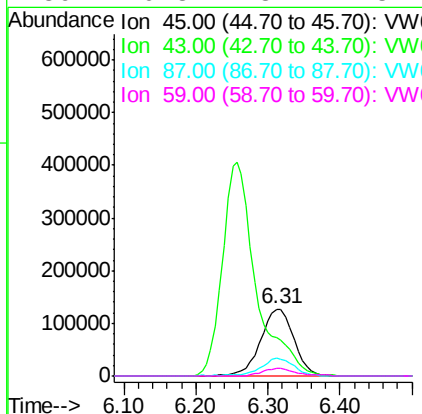
RT: 6.31 min Scan# 775

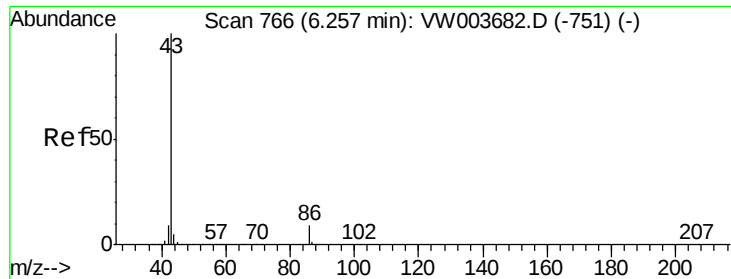
Delta R.T. 0.00 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

Tgt Ion:	45	Resp:	410945
Ion	Ratio	Lower	Upper
45	100		
43	56.6	44.5	66.7
87	26.1	20.2	30.4
59	10.8	8.7	13.1





#23

Vinyl Acetate

Concen: 271.72 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 1320177

Ion Ratio Lower Upper

43 100

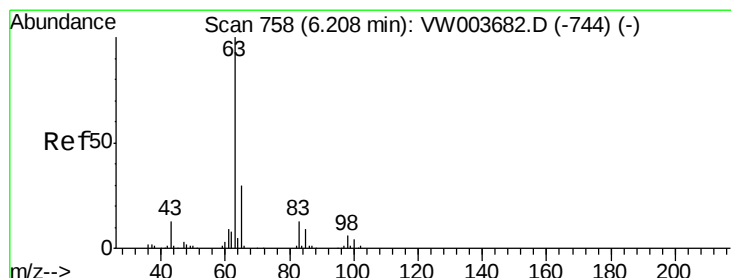
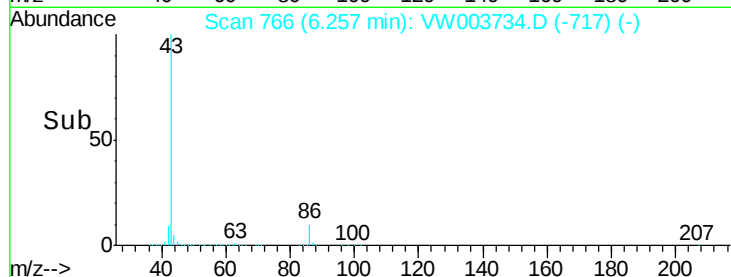
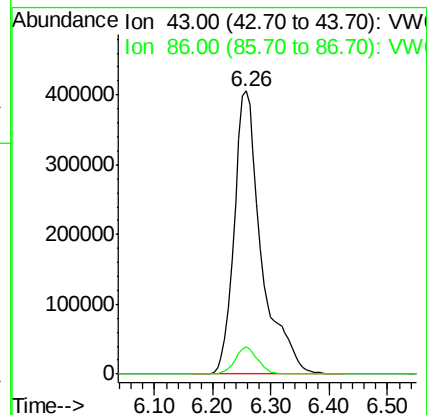
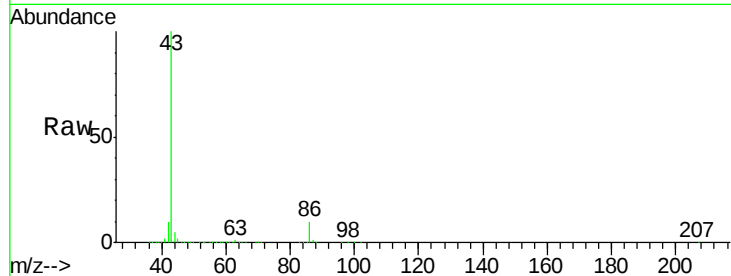
86 9.5 7.5 11.3

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#24

1,1-Dichloroethane

Concen: 54.92 ug/l

RT: 6.21 min Scan# 758

Delta R.T. 0.00 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

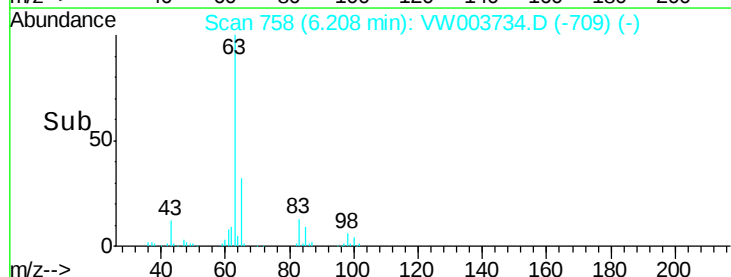
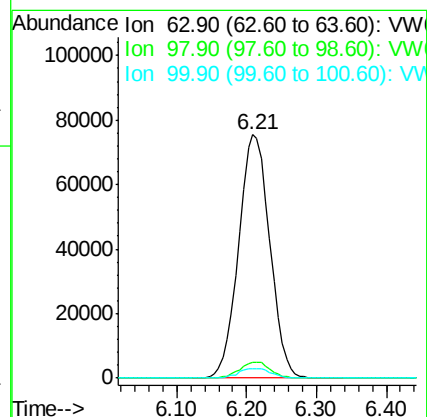
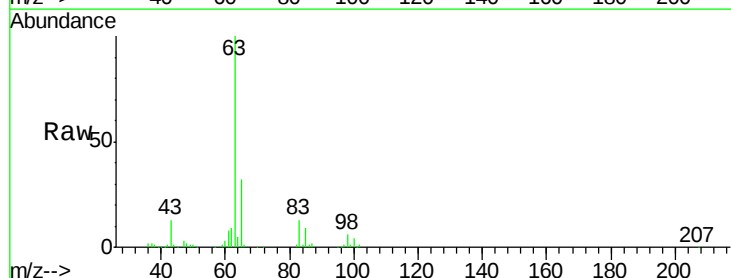
Tgt Ion: 63 Resp: 233593

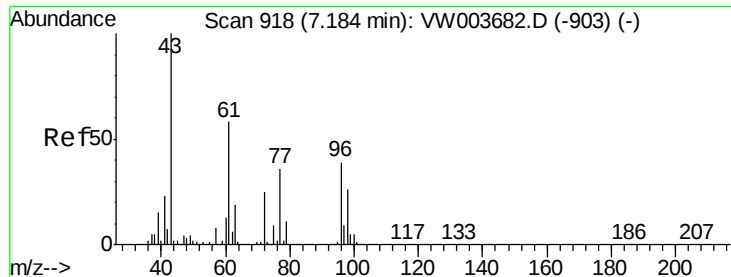
Ion Ratio Lower Upper

63 100

98 6.3 2.9 8.6

100 3.9 1.9 5.7





#25

2-Butanone

Concen: 280.91 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 217506

Ion Ratio Lower Upper

43 100

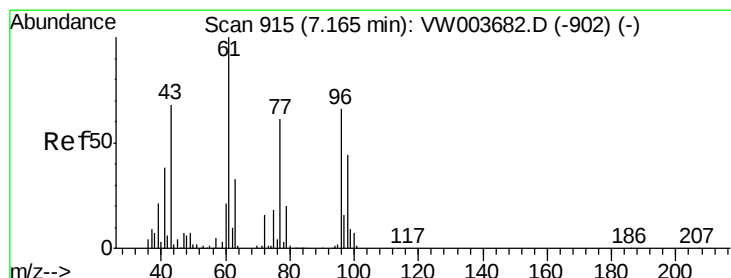
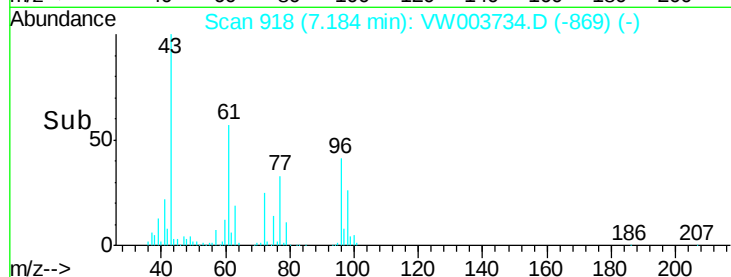
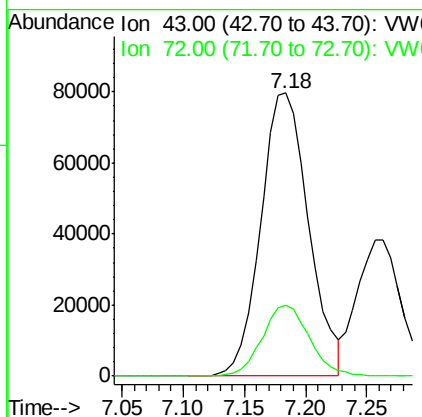
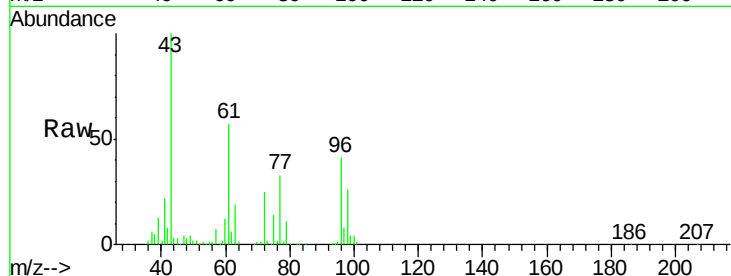
72 24.8 20.2 30.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 47.11 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW003734.D

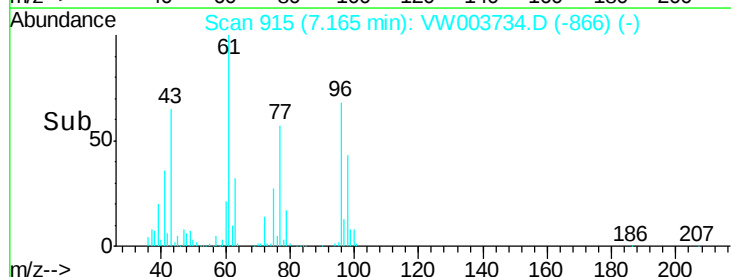
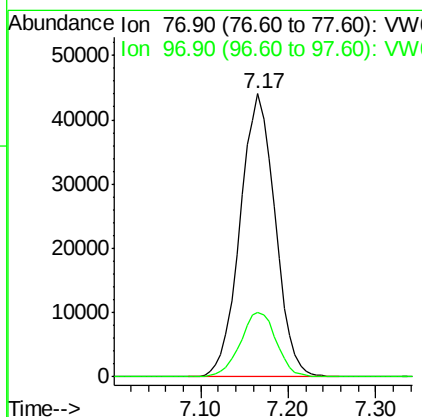
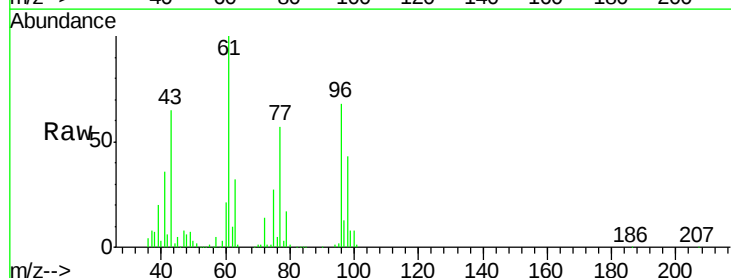
Acq: 05 Jul 2018 20:54

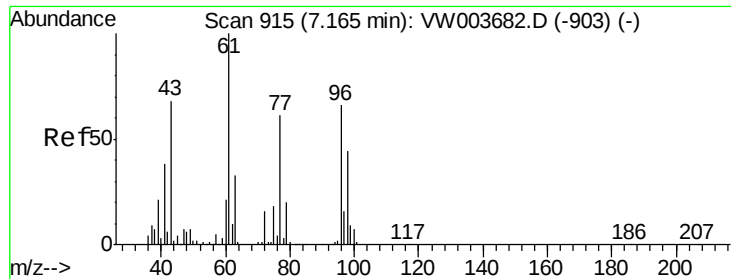
Tgt Ion: 77 Resp: 122865

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 55.93 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

Instrument :

MSVOA_W

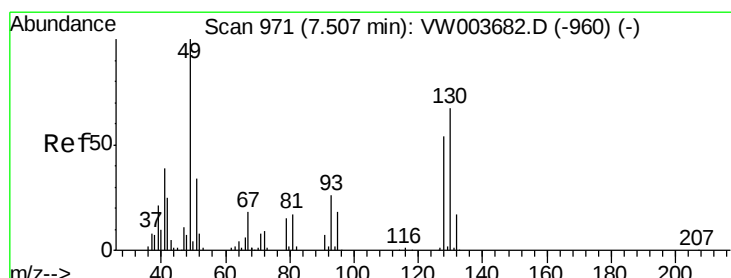
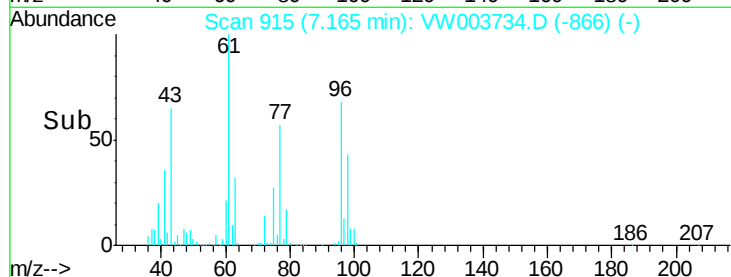
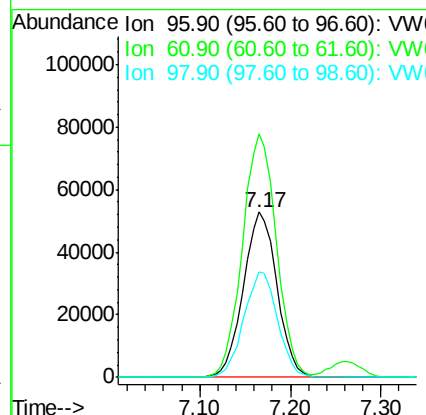
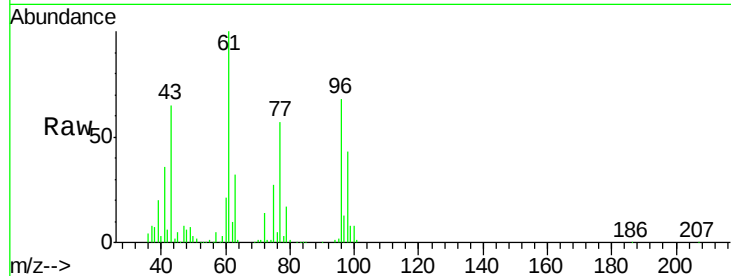
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	135679
Ion Ratio	Lower	Upper	
96	100		
61	149.2	0.0	305.0
98	64.0	0.0	129.6

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#28

Bromochloromethane

Concen: 52.77 ug/l

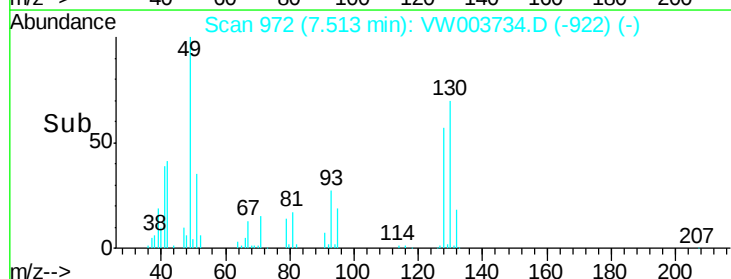
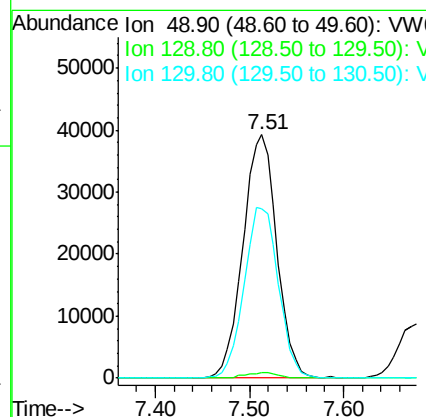
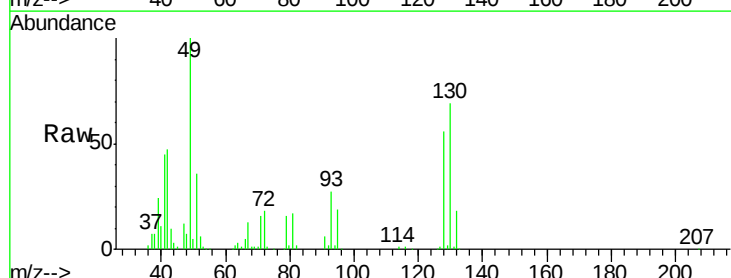
RT: 7.51 min Scan# 972

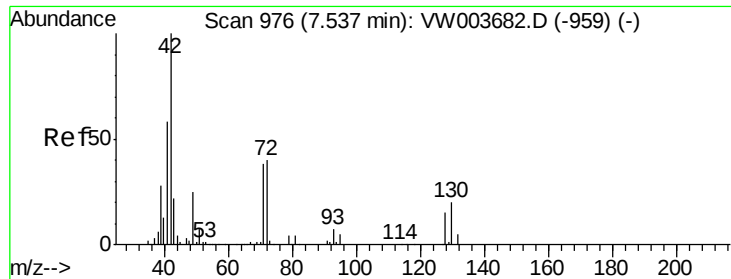
Delta R.T. 0.01 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

Tgt Ion:	49	Resp:	98660
Ion Ratio	Lower	Upper	
49	100		
129	2.2	0.0	3.0
130	71.3	57.0	85.6





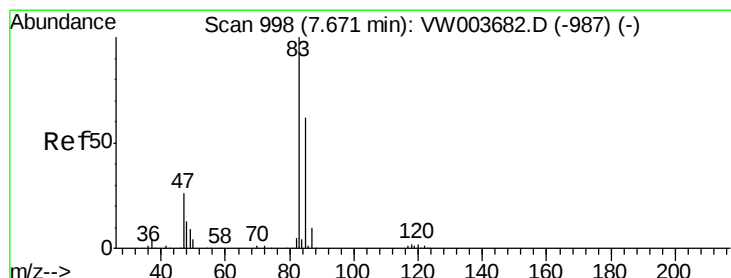
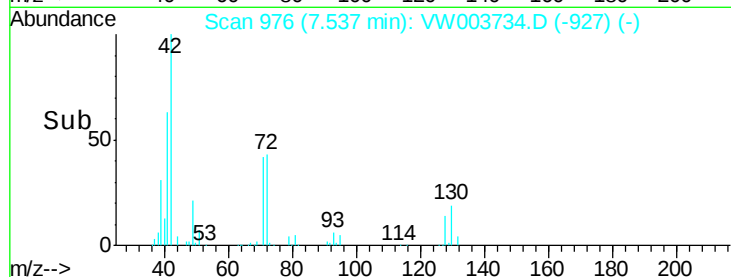
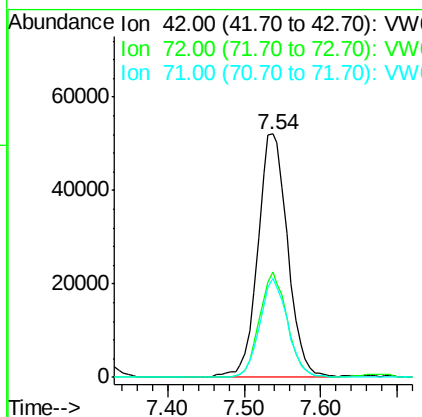
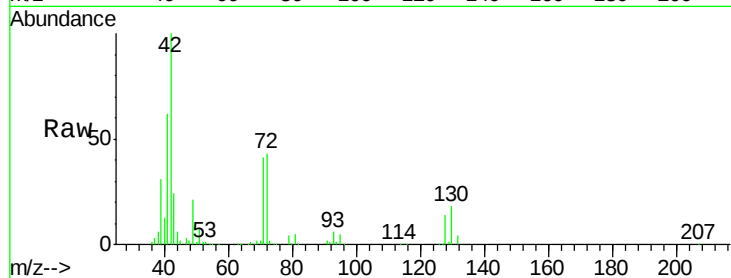
#29
Tetrahydrofuran
Concen: 305.88 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.3	32.0	48.0
71	38.0	30.2	45.2

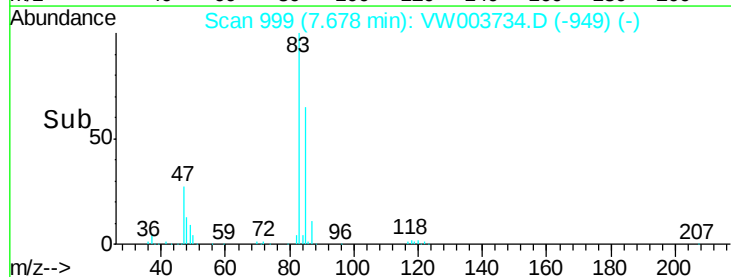
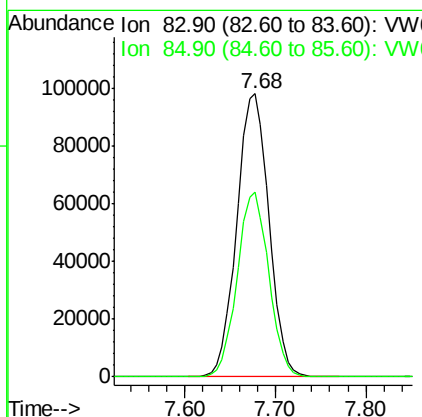
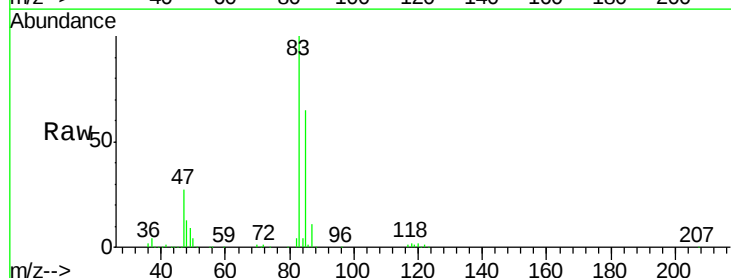
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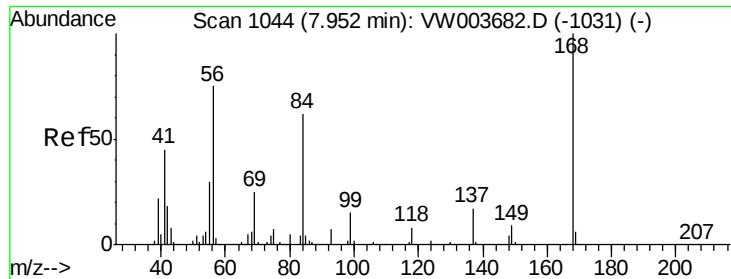
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#30
Chloroform
Concen: 55.96 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.01 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	49.7	74.5





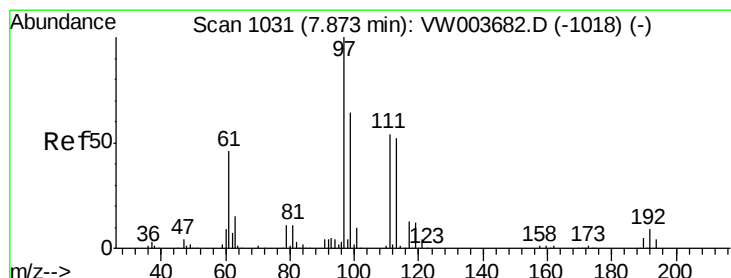
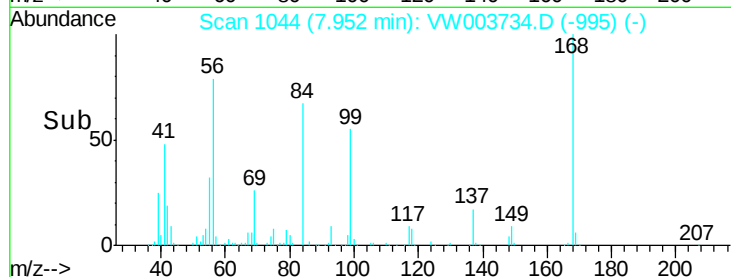
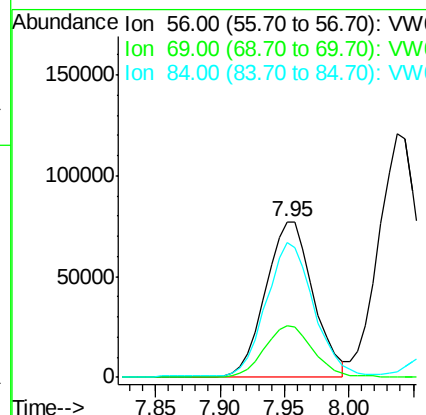
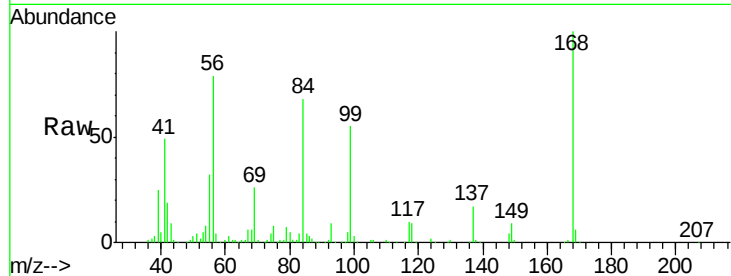
#31
Cyclohexane
Concen: 51.18 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
56	100	198222		
69	33.3		27.0	40.4
84	85.4		65.4	98.0

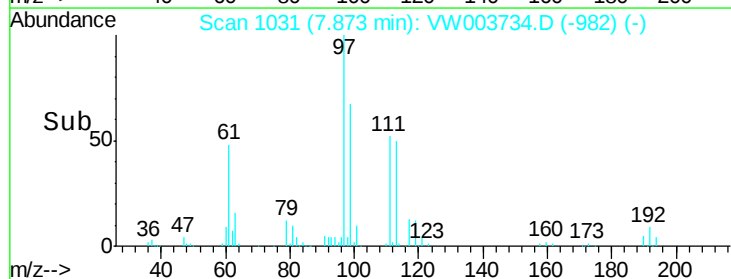
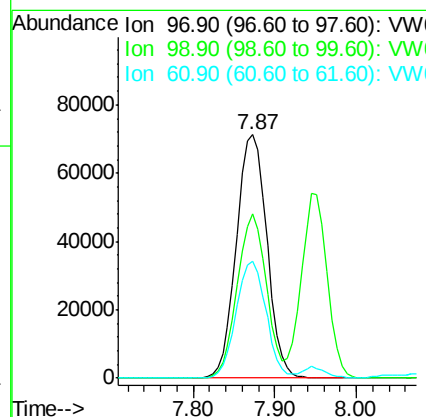
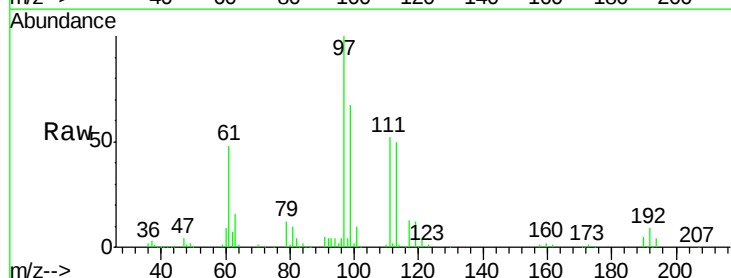
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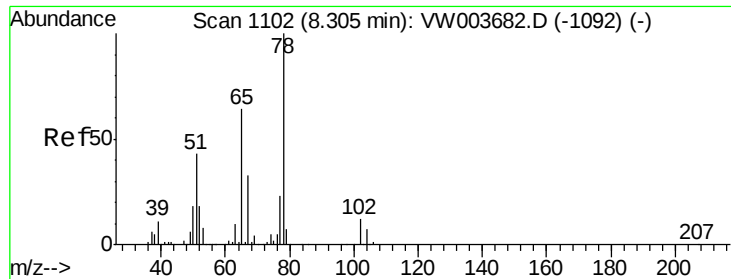
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#32
1,1,1-Trichloroethane
Concen: 54.94 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	183947		
99	64.2		50.6	76.0
61	47.1		37.2	55.8





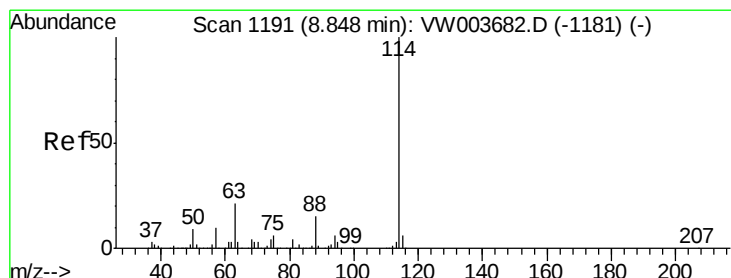
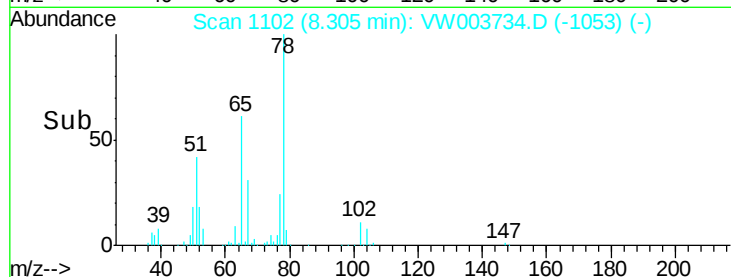
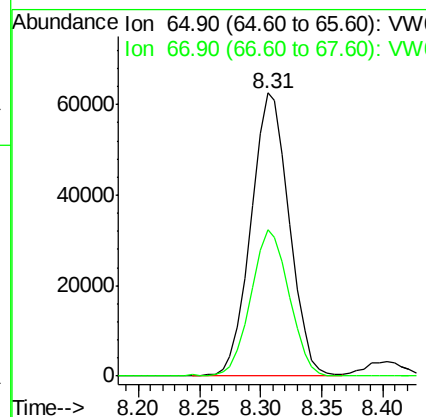
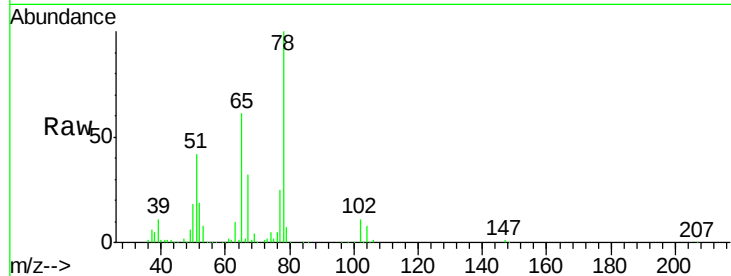
#33
 1,2-Dichloroethane-d4
 Concen: 53.69 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW003734.D
 Acq: 05 Jul 2018 20:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	104.0

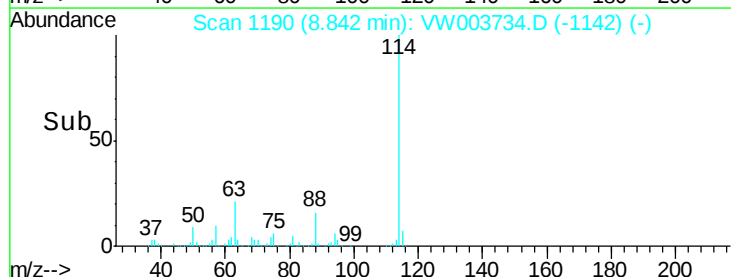
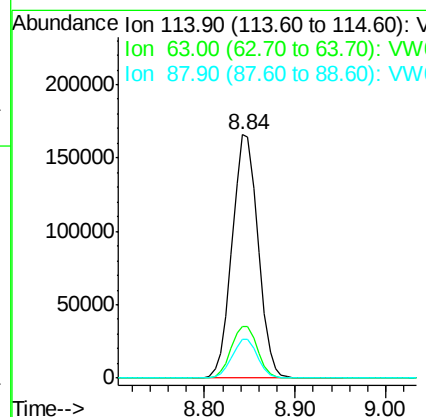
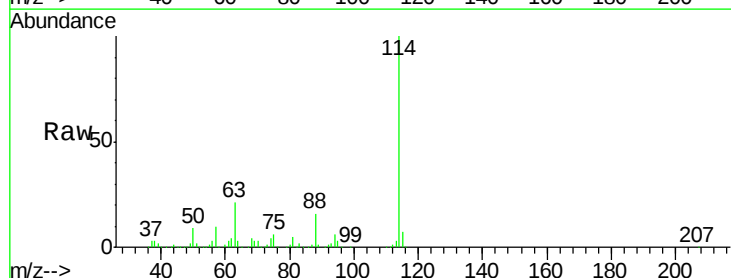
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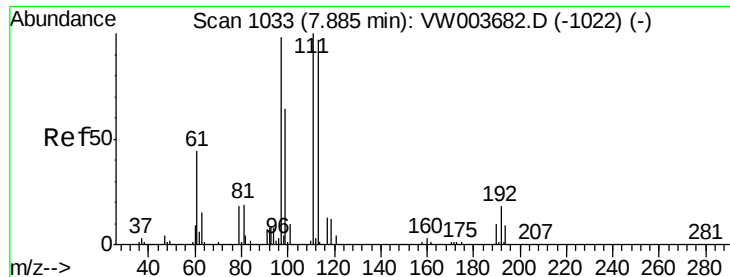
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW003734.D
 Acq: 05 Jul 2018 20:54

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	41.6
88	15.7	0.0	29.8





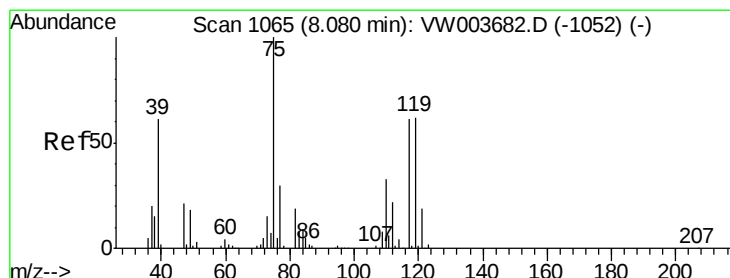
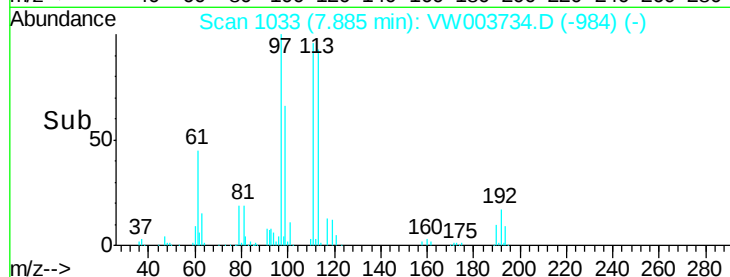
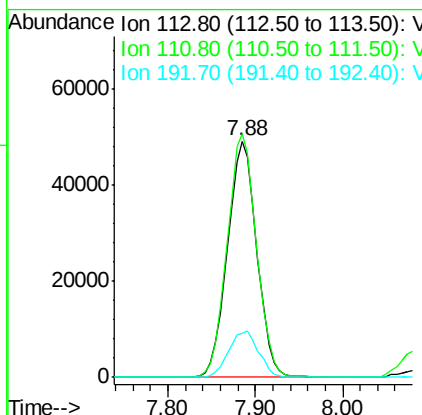
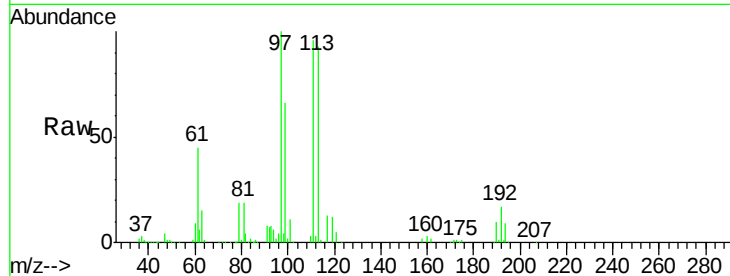
#35
Dibromofluoromethane
Concen: 53.10 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	114017		
111	103.5	82.4	123.6	
192	20.2	15.8	23.6	

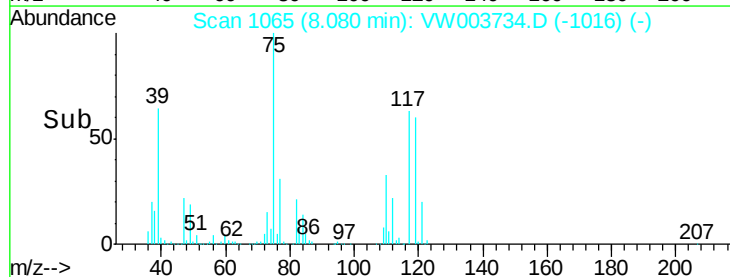
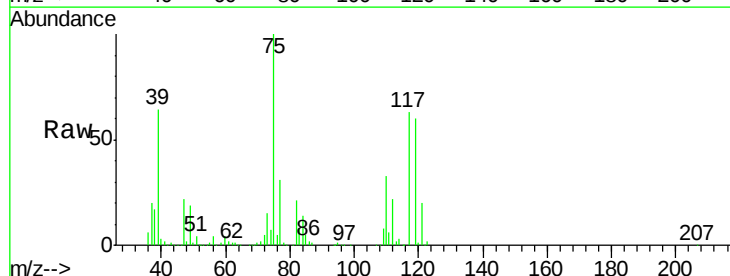
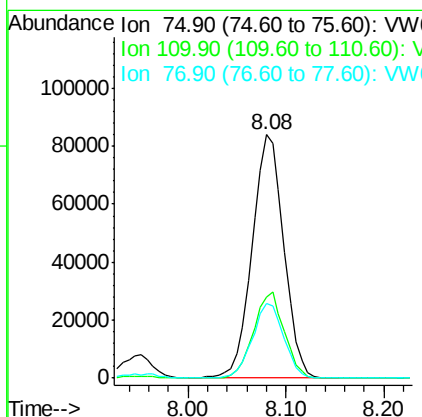
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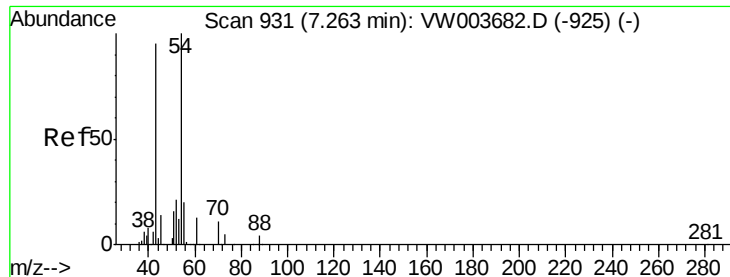
apatel
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#36
1,1-Dichloropropene
Concen: 56.95 ug/l
RT: 8.08 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	188234		
110	34.2	16.9	50.6	
77	30.7	24.9	37.3	





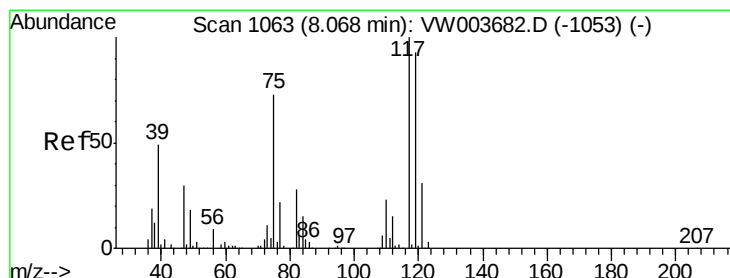
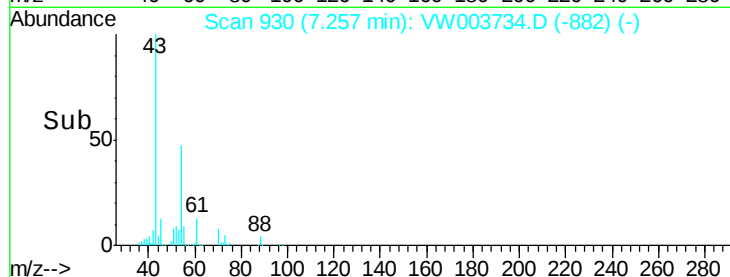
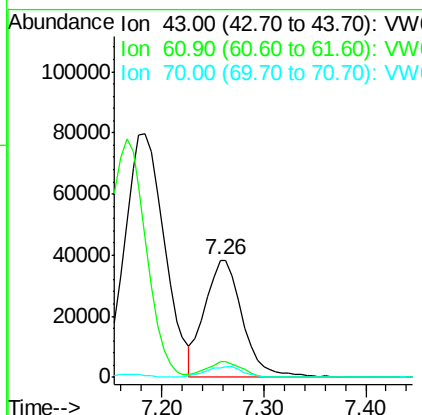
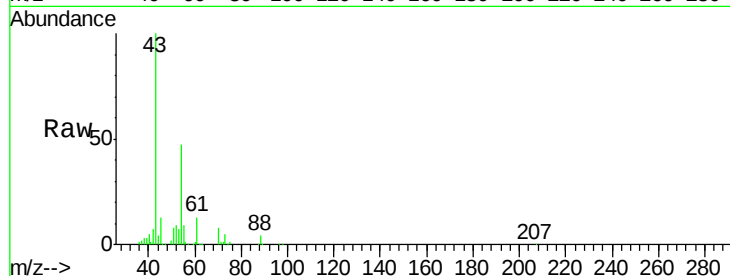
#37
Ethyl Acetate
Concen: 61.18 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.01 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.5	15.7
70	9.0	7.7	11.5

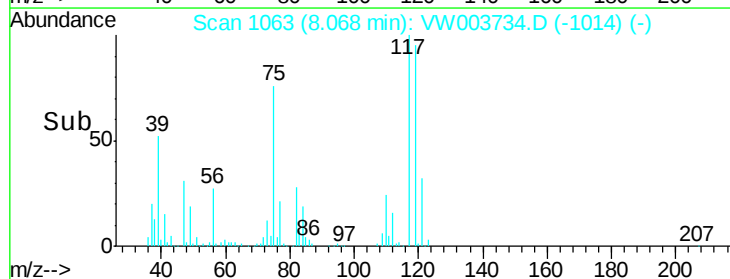
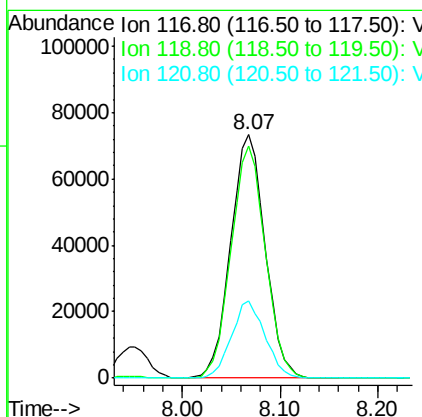
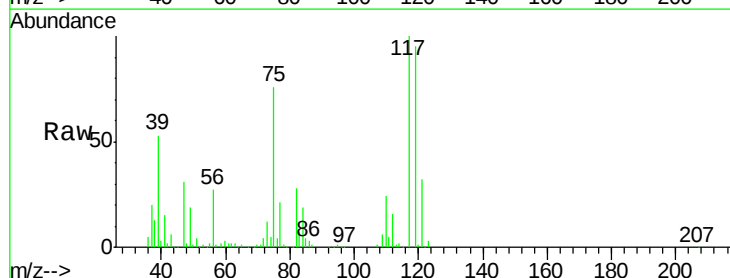
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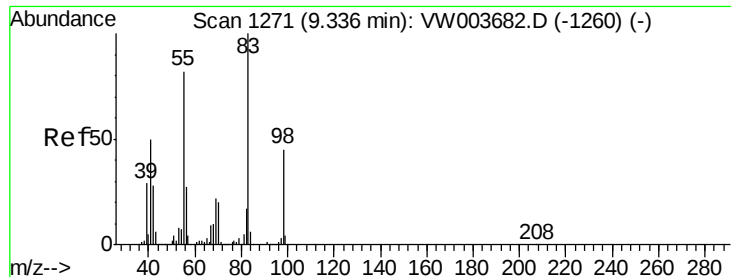
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#38
Carbon Tetrachloride
Concen: 56.83 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	74.1	111.1
121	31.7	25.0	37.4





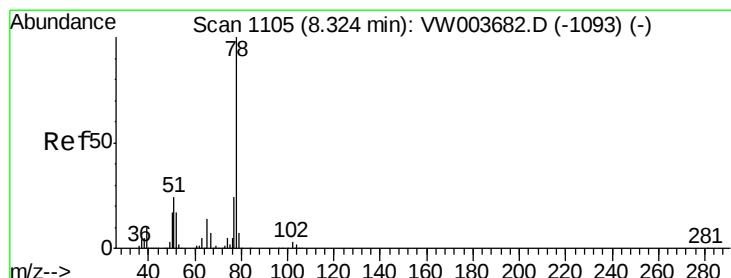
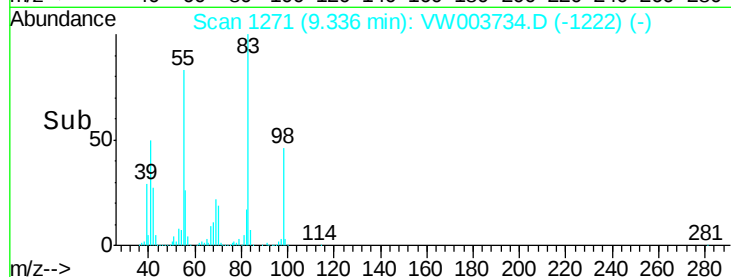
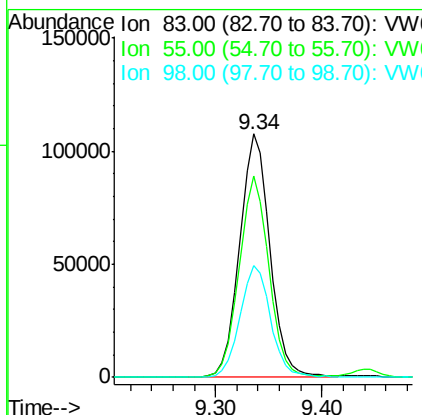
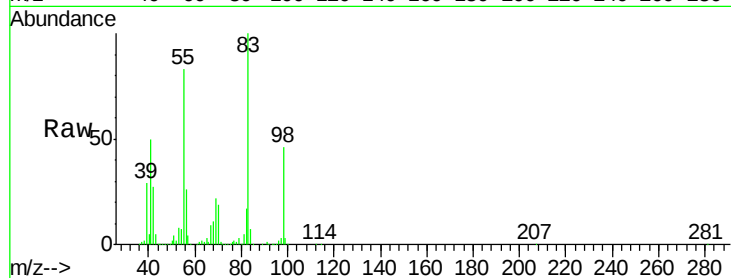
#39
Methvlcvclohexane
Concen: 56.67 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.5	65.3	97.9
98	46.1	36.3	54.5

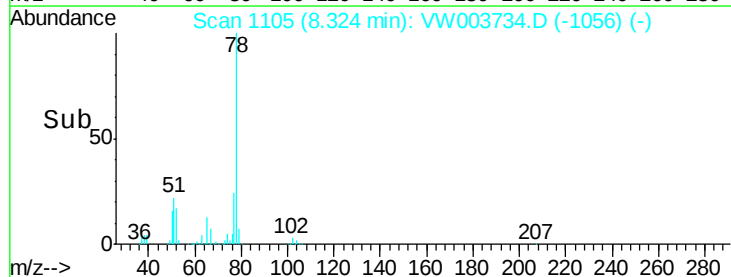
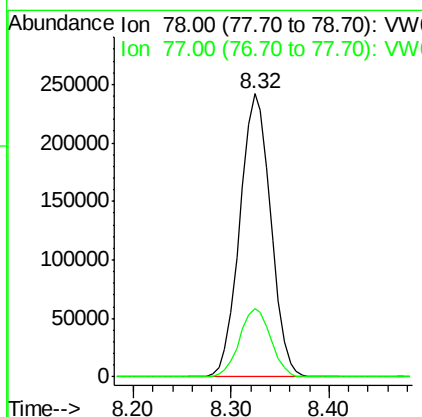
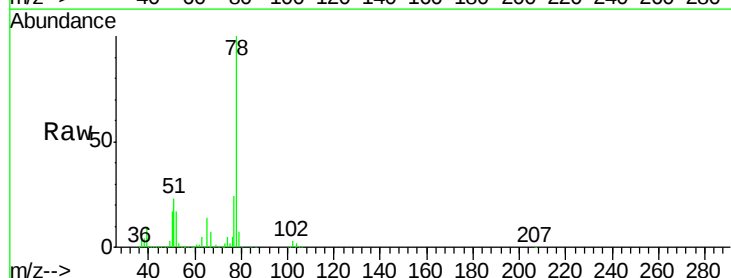
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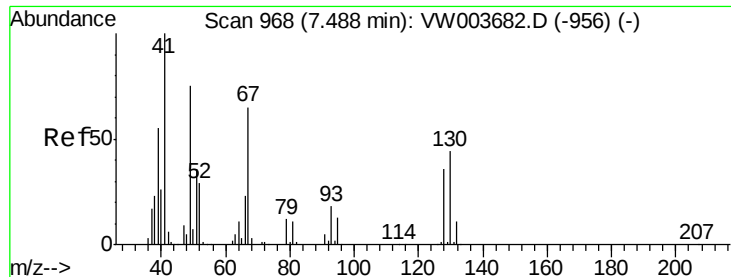
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#40
Benzene
Concen: 57.12 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.4	29.0





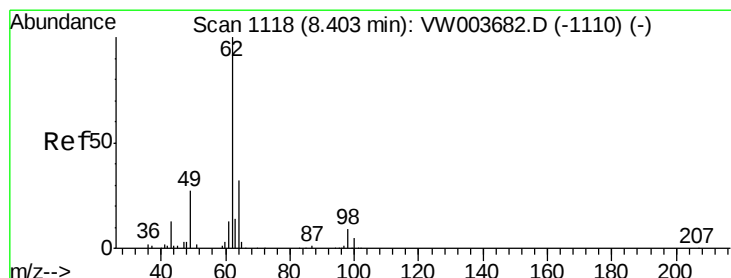
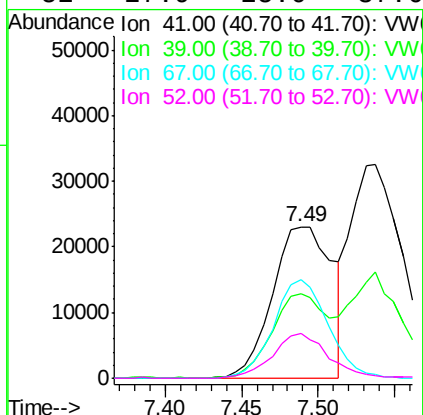
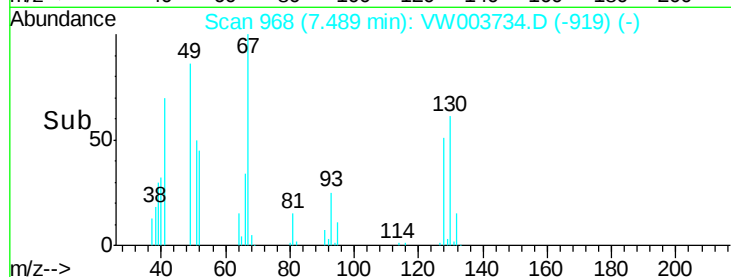
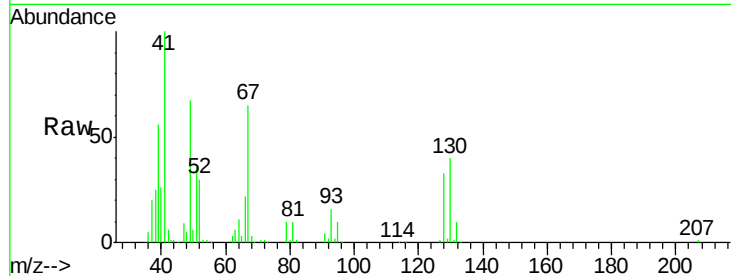
#41
Methacrylonitrile
Concen: 68.72 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp	62835
Ion Ratio	Lower	Upper	
41	100		
39	49.1	47.8	71.8
67	59.7	53.9	80.9
52	27.9	25.0	37.6

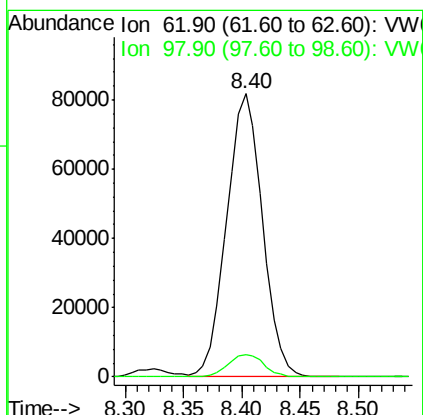
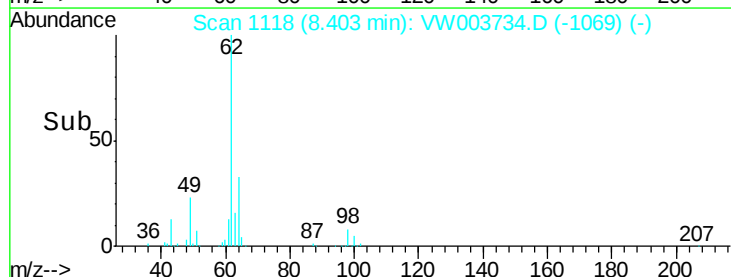
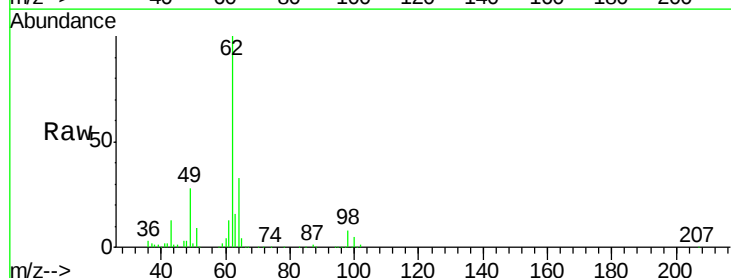
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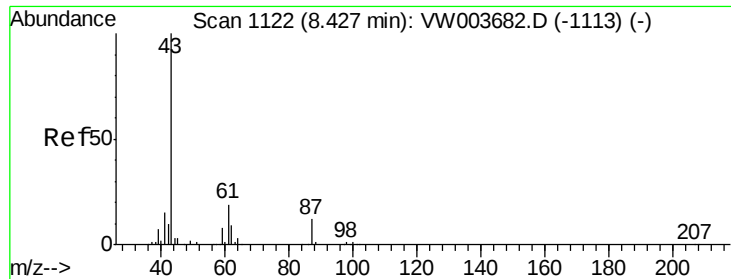
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#42
1,2-Dichloroethane
Concen: 59.73 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Tgt Ion	62	Resp	174696
Ion Ratio	Lower	Upper	
62	100		
98	8.1	0.0	17.2





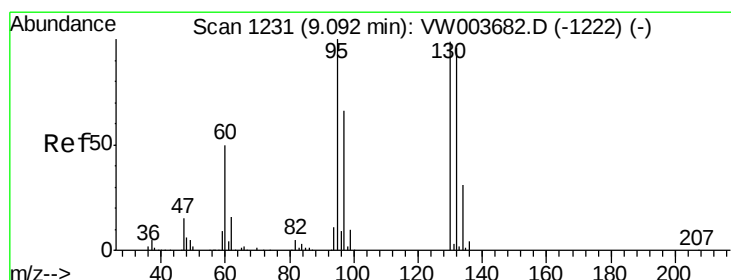
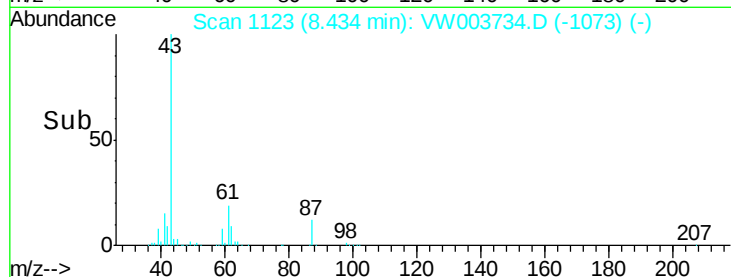
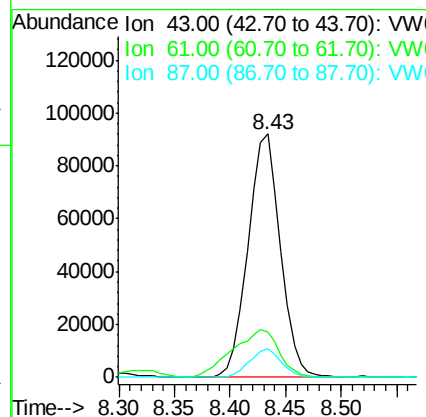
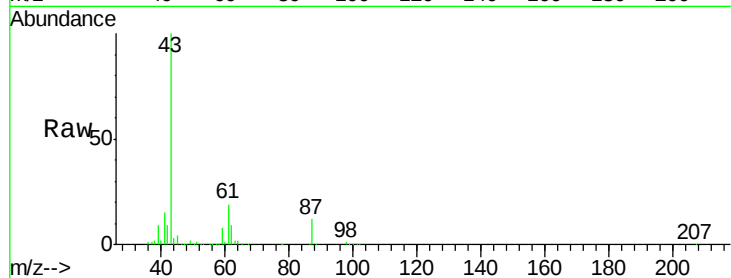
#43
Isopropyl Acetate
Concen: 61.28 ug/l
RT: 8.43 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.3	23.0	34.6
87	11.7	9.8	14.6

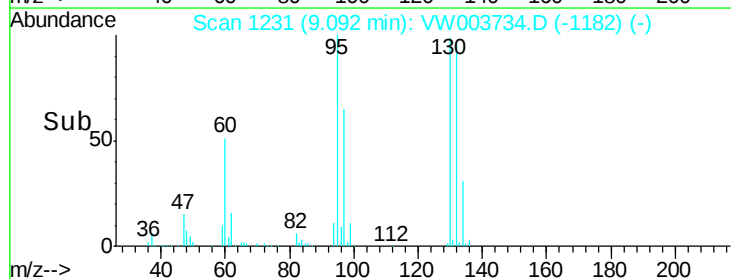
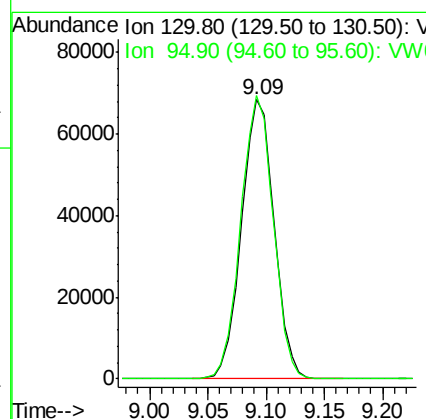
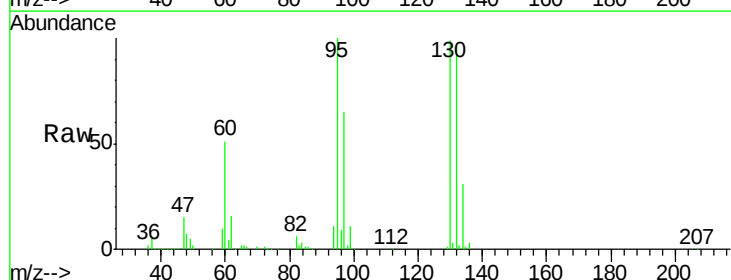
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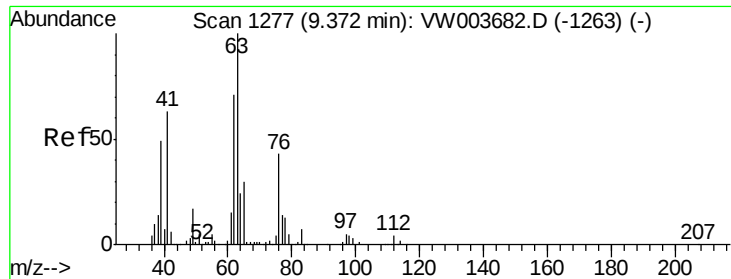
apatel
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#44
Trichloroethene
Concen: 55.74 ug/l
RT: 9.09 min Scan# 1231
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.3	0.0	202.6





#45

1,2-Dichloropropane

Concen: 57.55 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 63 Resp: 138668

Ion Ratio Lower Upper

63 100

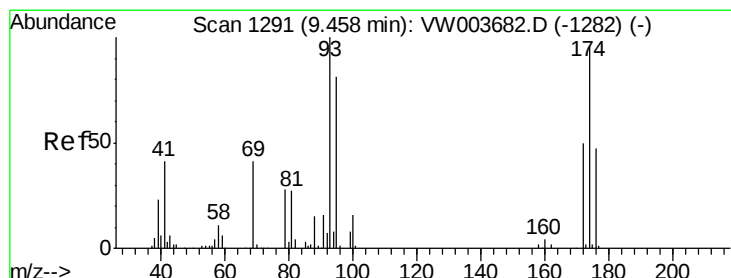
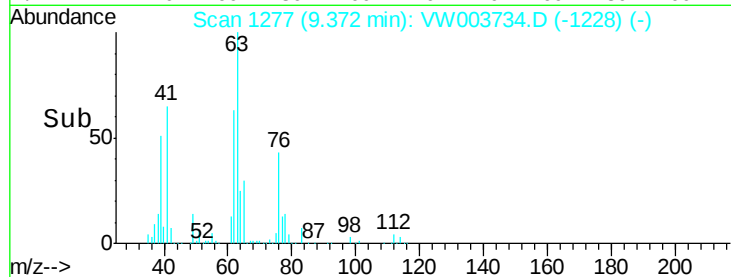
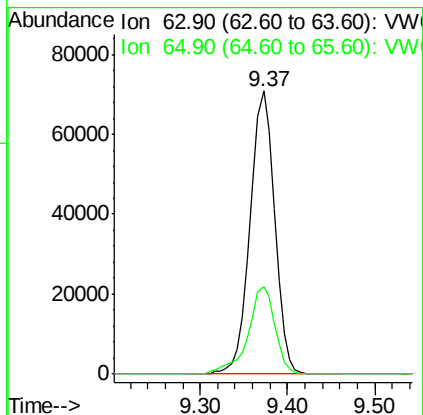
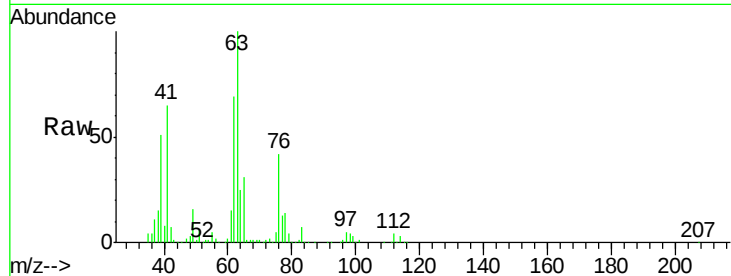
65 31.1 24.3 36.5

Manual Integrations

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#46

Dibromomethane

Concen: 60.27 ug/l

RT: 9.46 min Scan# 1291

Delta R.T. 0.00 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

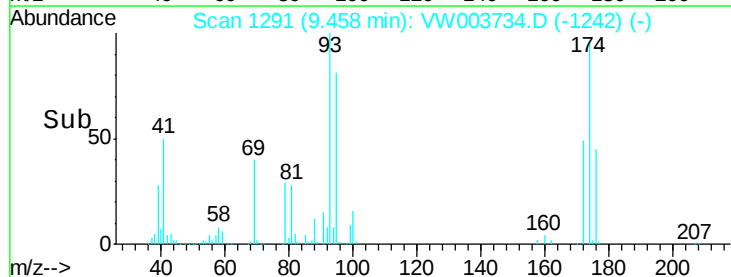
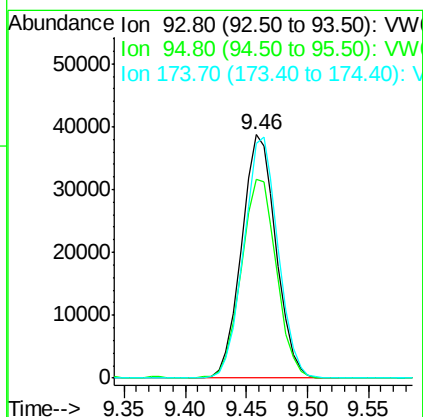
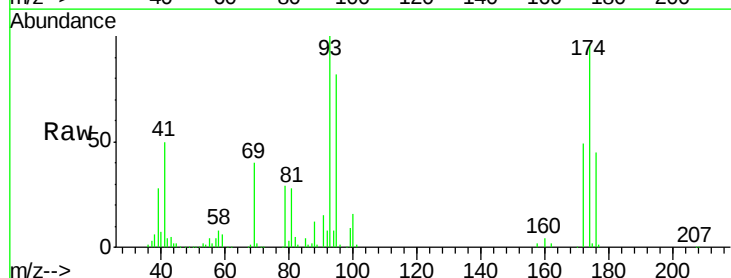
Tgt Ion: 93 Resp: 75426

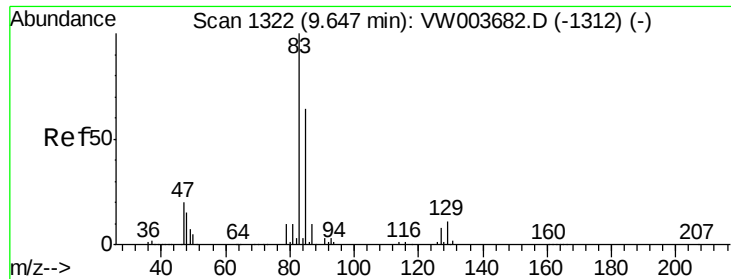
Ion Ratio Lower Upper

93 100

95 83.5 66.2 99.4

174 98.4 79.6 119.4





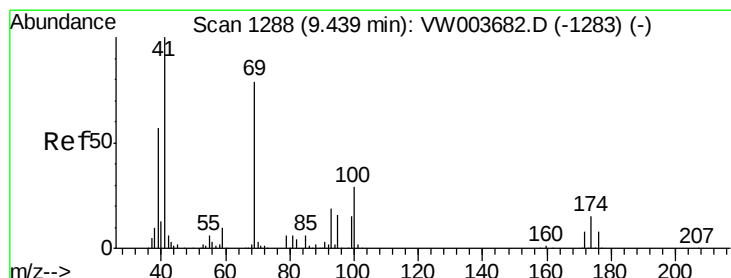
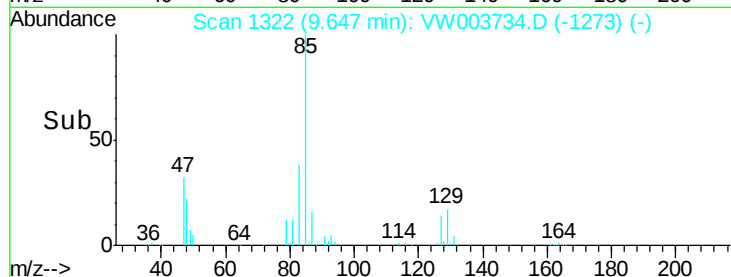
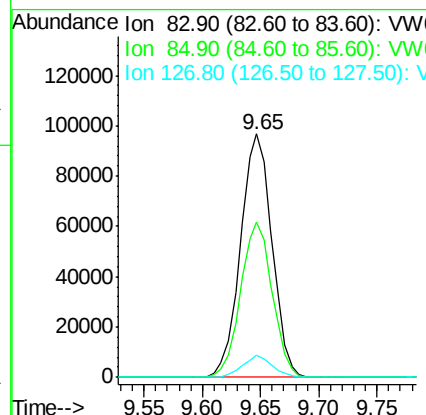
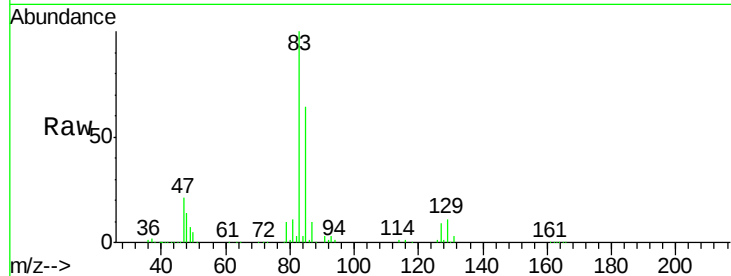
#47
Bromodichloromethane
Concen: 58.91 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	182248
Ion Ratio	100		
85	64.0	51.1	76.7
127	9.1	6.5	9.7

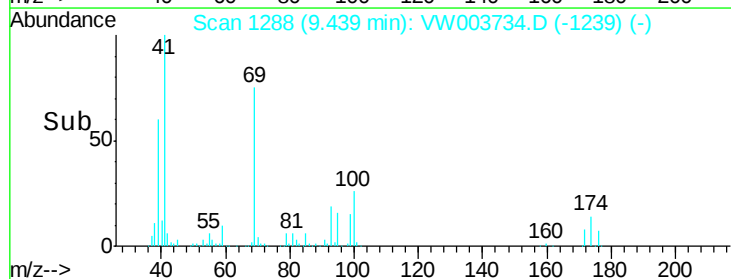
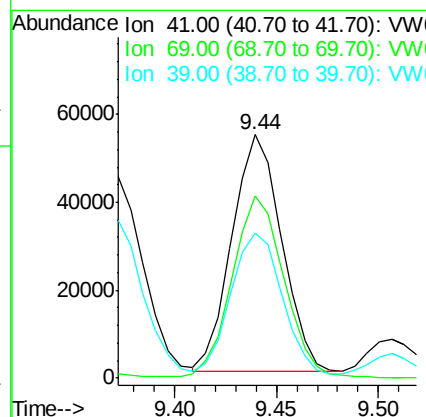
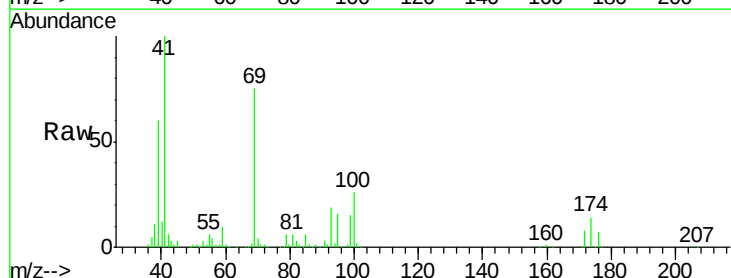
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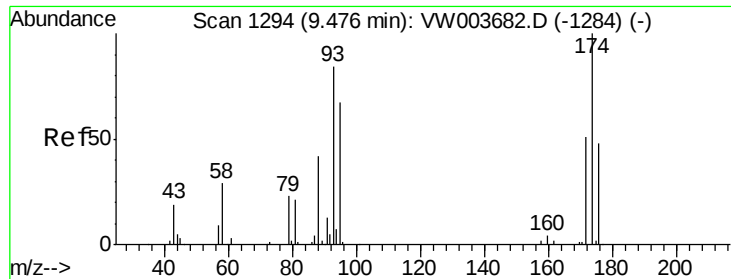
apatel
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#48
Methyl methacrylate
Concen: 56.40 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Tgt Ion	41	Resp	91047
Ion Ratio	100		
69	81.4	65.4	98.2
39	65.0	50.0	75.0





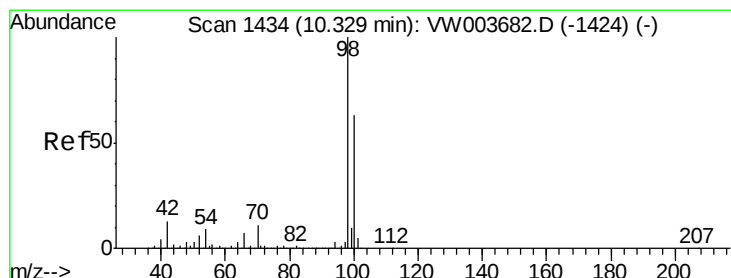
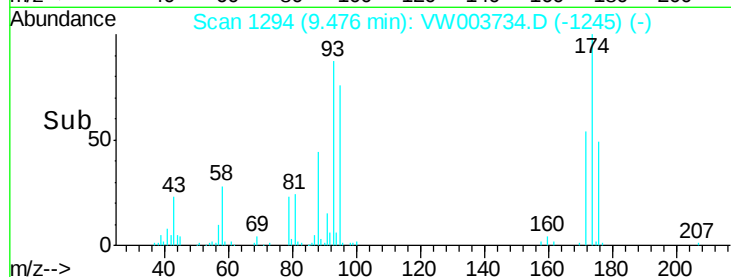
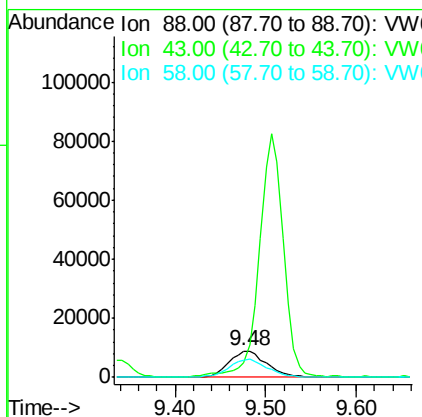
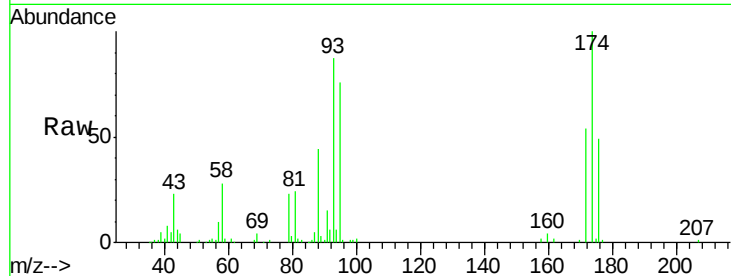
#49
1,4-Dioxane
Concen: 1294.80 ug/l
RT: 9.48 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	88	Resp	25419
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	72.3	61.8	92.6

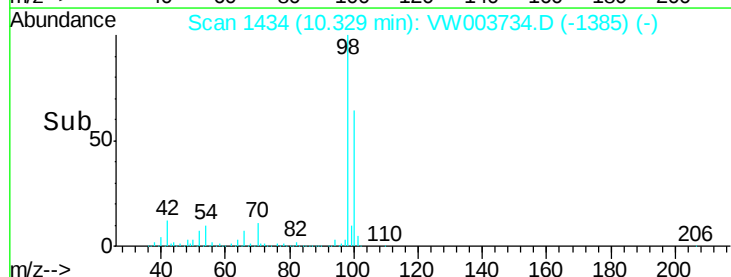
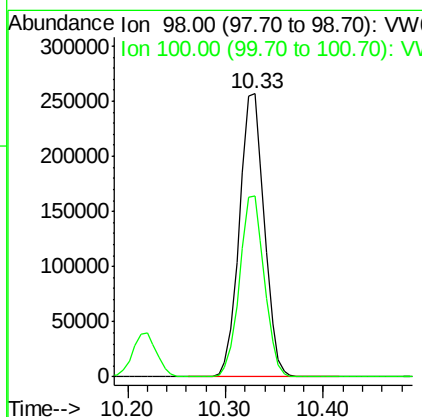
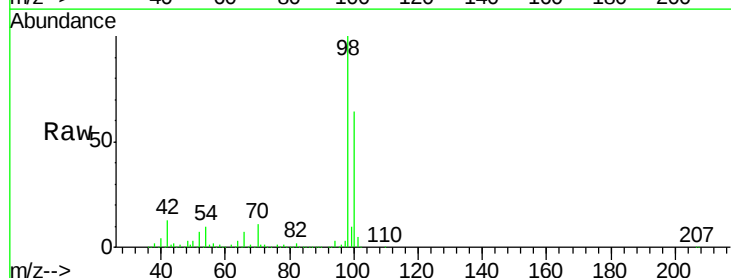
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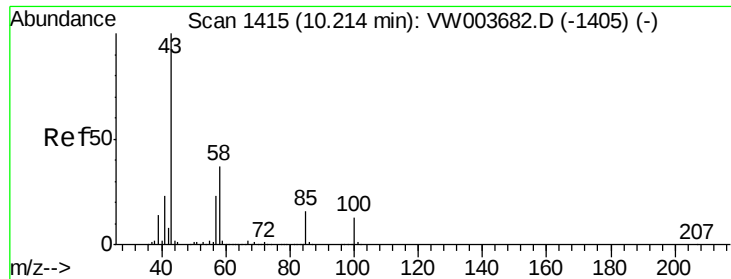
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#50
Toluene-d8
Concen: 53.70 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Tgt Ion	98	Resp	452631
Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.8	76.2





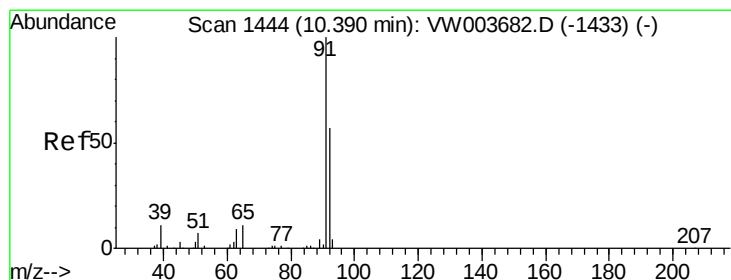
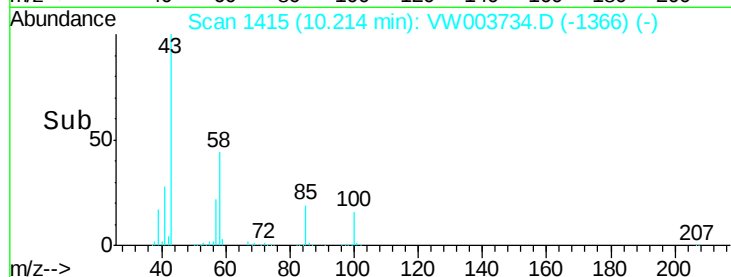
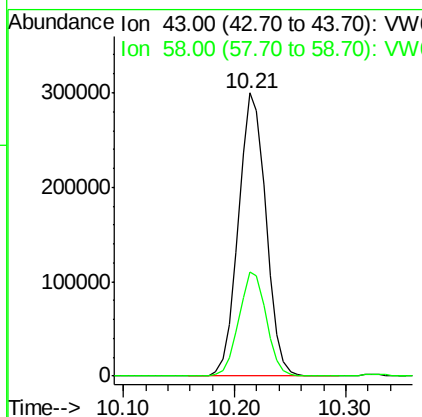
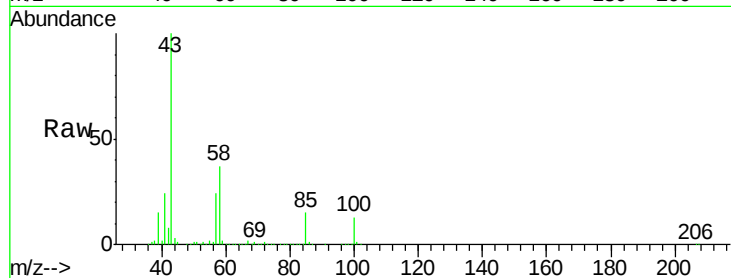
#51
4-Methyl-2-Pentanone
Concen: 321.82 ug/l
RT: 10.21 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	43	Resp	513794
Ion Ratio	100	Lower	Upper
43	100		
58	36.6	29.6	44.4

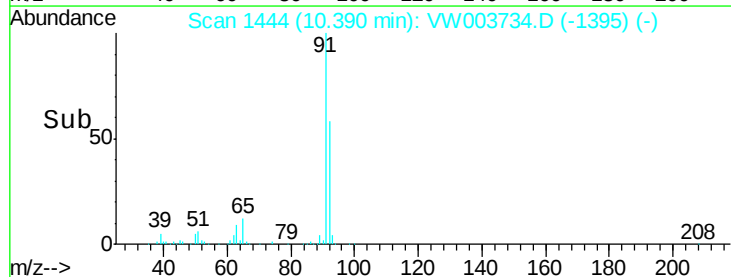
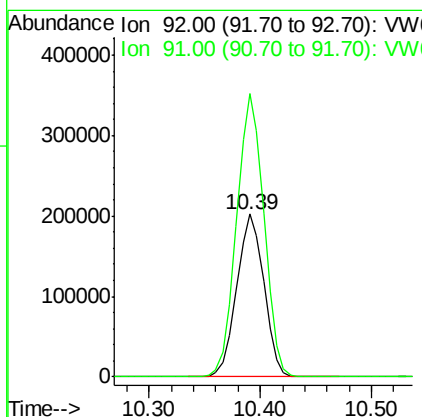
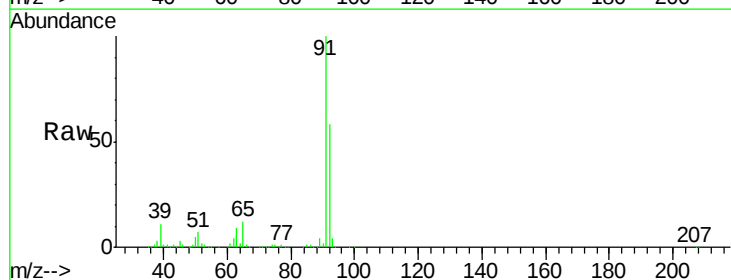
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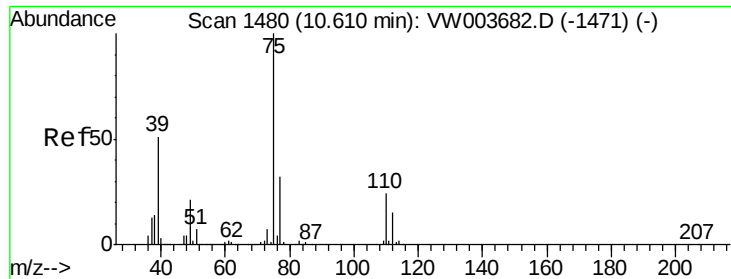
apatel
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#52
Toluene
Concen: 58.96 ug/l
RT: 10.39 min Scan# 1444
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Tgt Ion	92	Resp	341798
Ion Ratio	100	Lower	Upper
92	100		
91	174.7	140.2	210.2





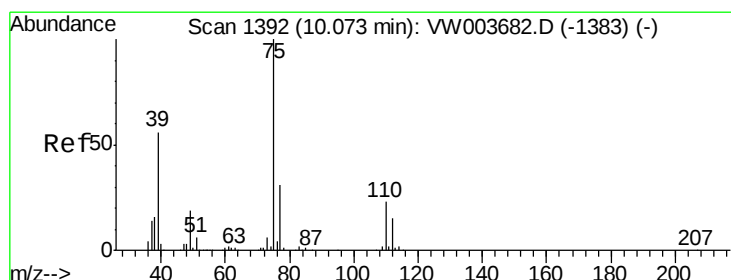
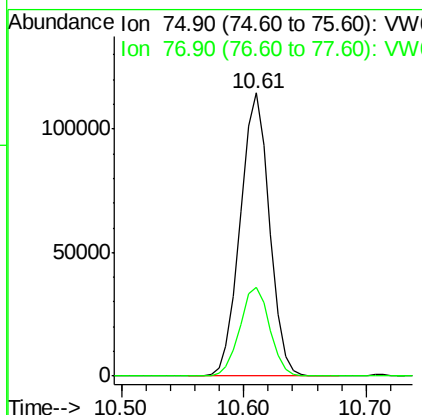
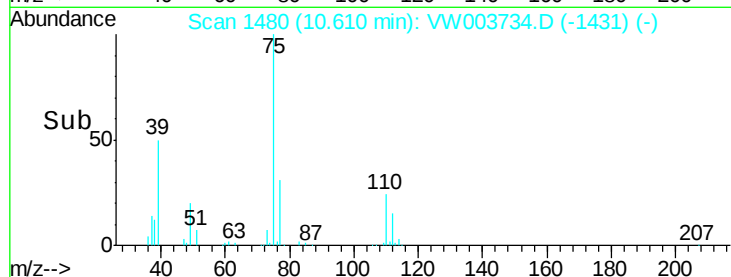
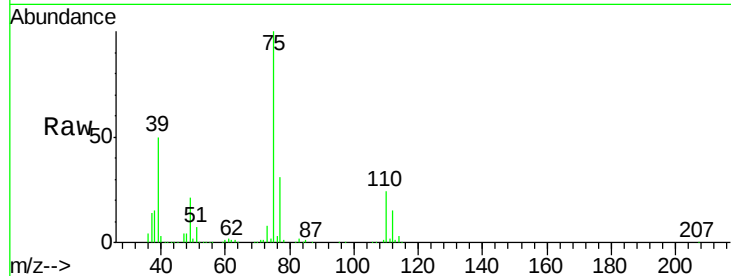
#53
t-1,3-Dichloropropene
Concen: 59.09 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.5	38.3

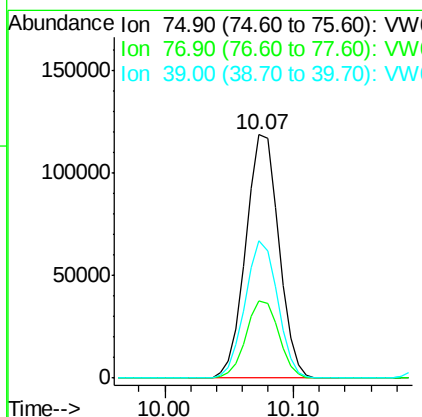
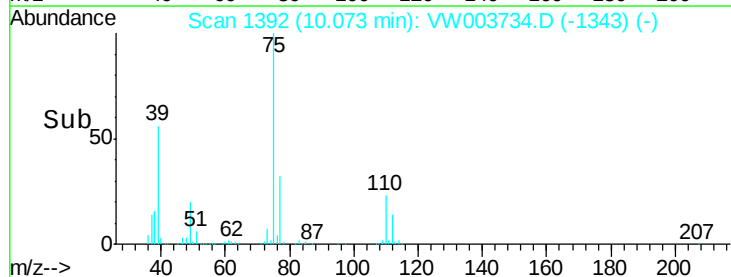
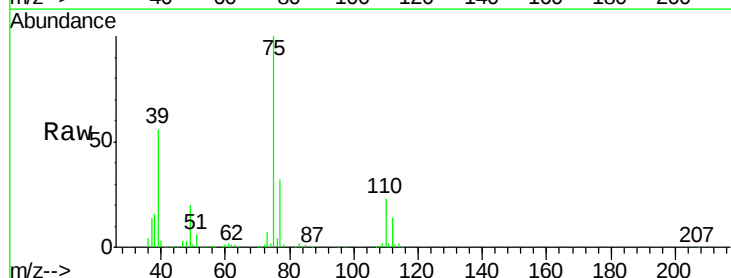
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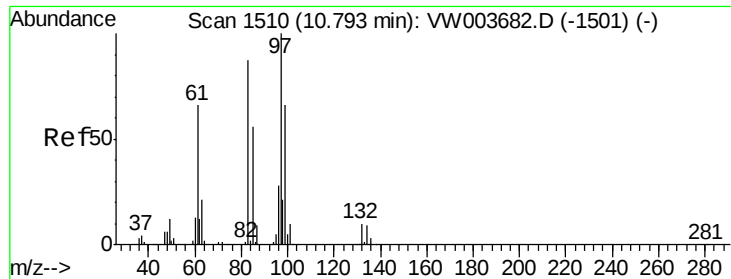
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#54
cis-1,3-Dichloropropene
Concen: 57.71 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.9	24.9	37.3
39	56.2	44.6	67.0





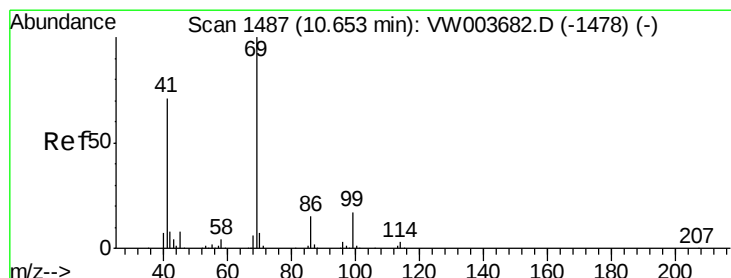
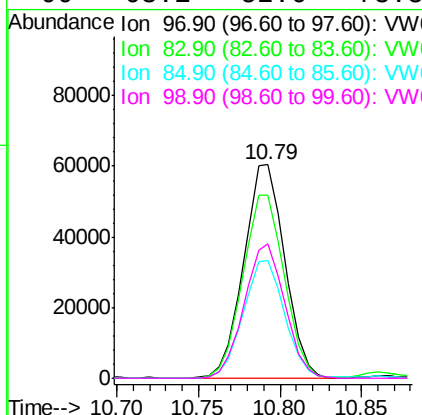
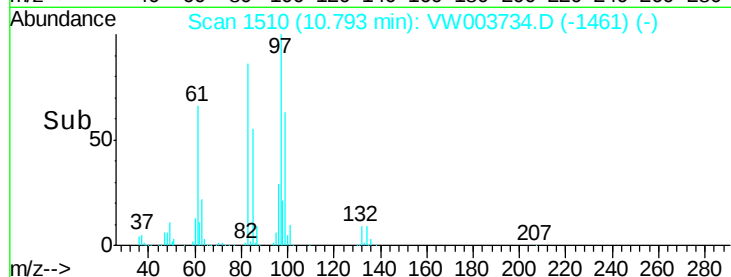
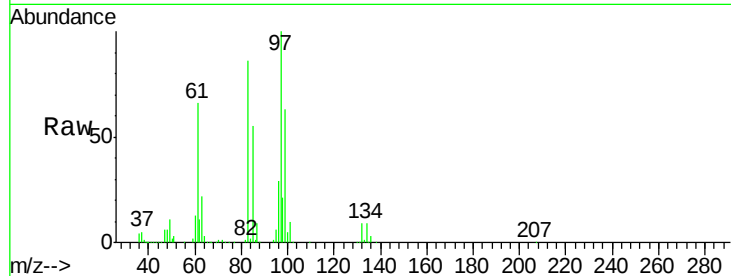
#55
 1,1,2-Trichloroethane
 Concen: 60.10 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003734.D
 Acq: 05 Jul 2018 20:54

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion:	97	Resp:	105972
Ion	Ratio	Lower	Upper
97	100		
83	85.9	69.5	104.3
85	55.5	44.7	67.1
99	63.1	52.6	78.8

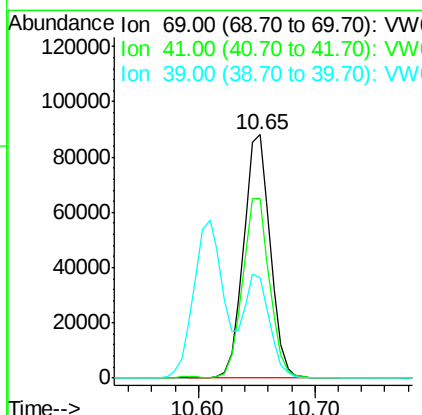
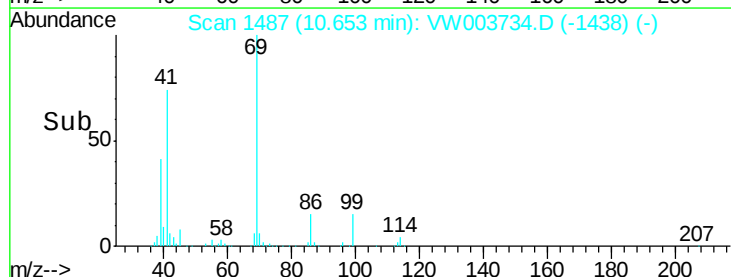
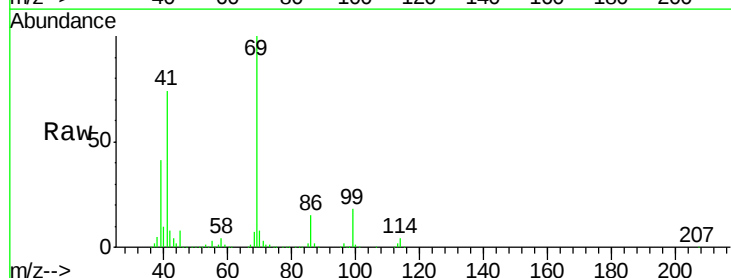
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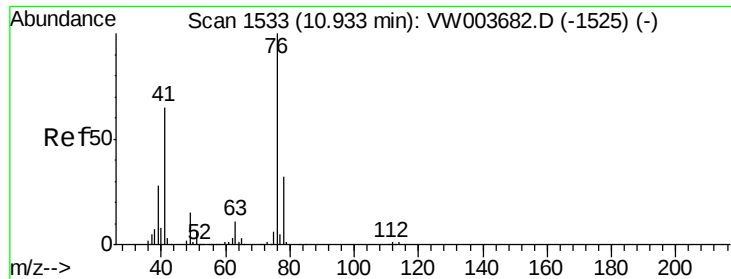
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#56
 Ethyl methacrylate
 Concen: 55.86 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003734.D
 Acq: 05 Jul 2018 20:54

Tgt Ion:	69	Resp:	140910
Ion	Ratio	Lower	Upper
69	100		
41	74.1	57.5	86.3
39	43.0	29.4	44.0





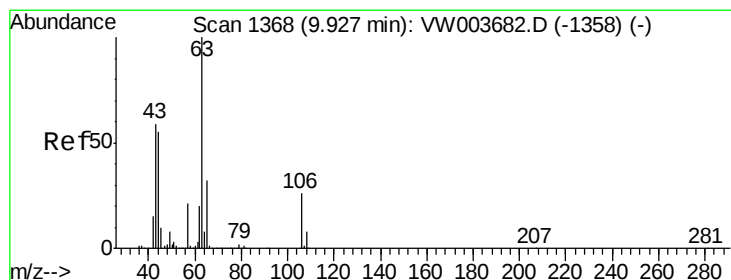
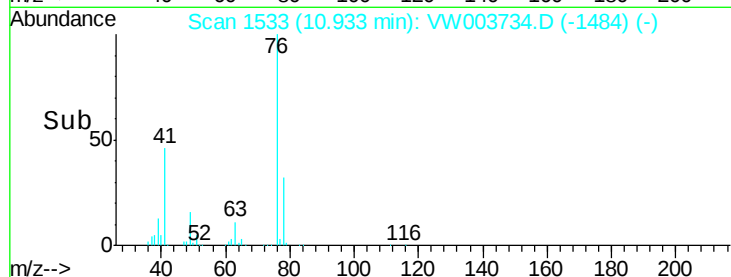
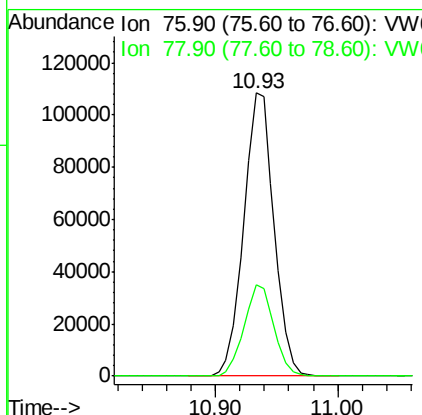
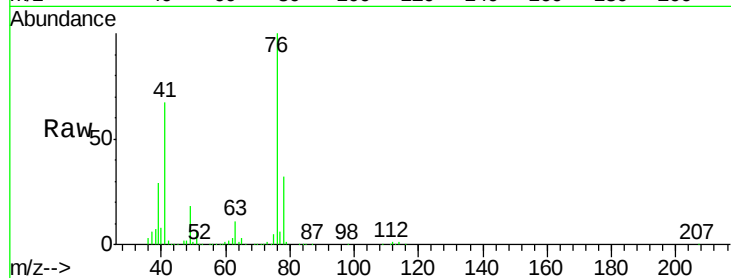
#57
 1,3-Dichloropropane
 Concen: 60.77 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: VW003734.D
 Acq: 05 Jul 2018 20:54

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion: 76 Resp: 186143
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.6 38.4

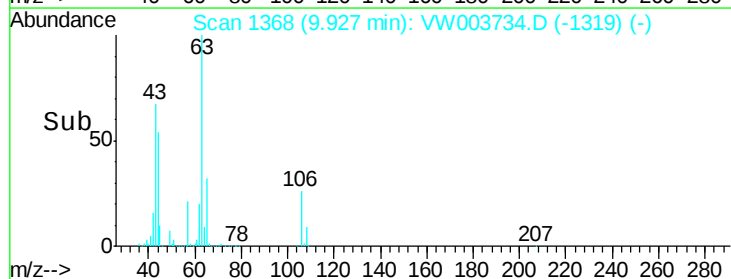
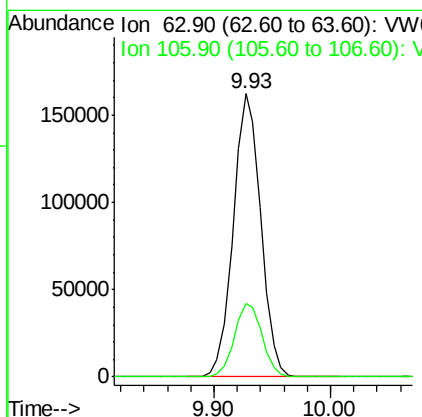
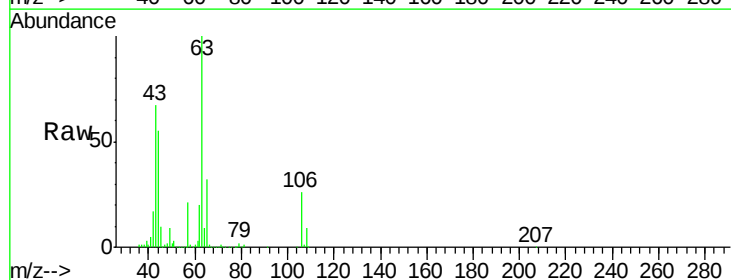
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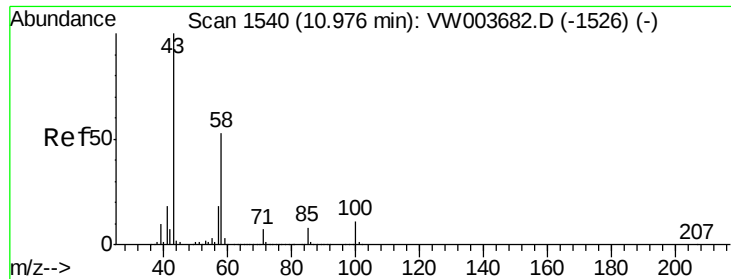
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#58
 2-Chloroethyl Vinyl ether
 Concen: 282.87 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW003734.D
 Acq: 05 Jul 2018 20:54

Tgt Ion: 63 Resp: 266576
 Ion Ratio Lower Upper
 63 100
 106 26.2 20.7 31.1





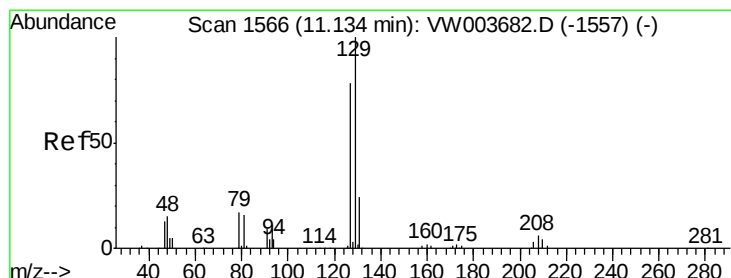
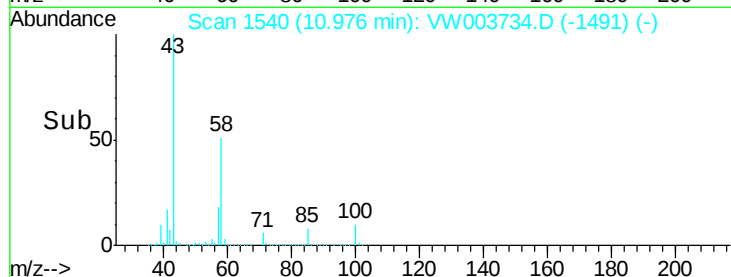
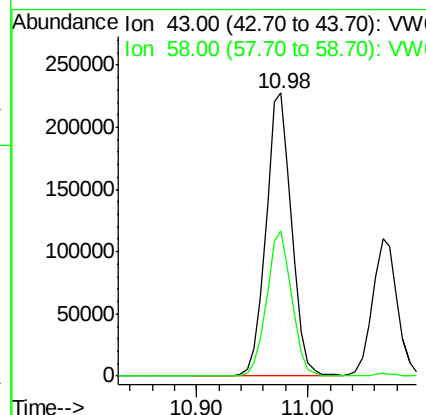
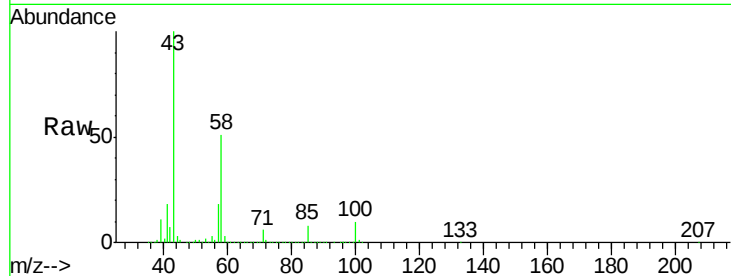
#59
2-Hexanone
Concen: 318.59 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 43 Resp: 363595
Ion Ratio Lower Upper
43 100
58 50.6 25.9 77.6

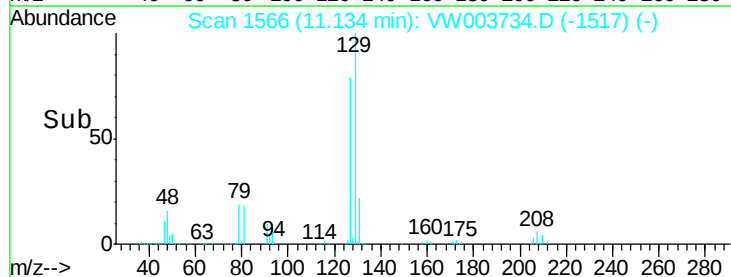
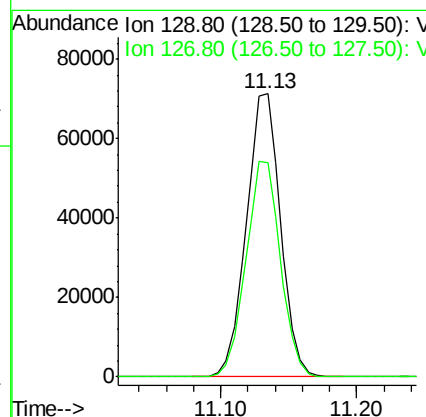
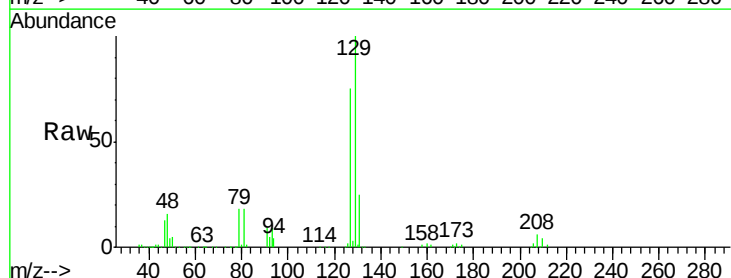
Manual Integrations
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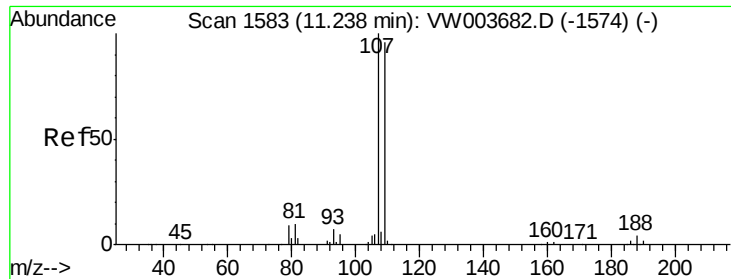
apatel
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#60
Dibromochloromethane
Concen: 60.84 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Tgt Ion: 129 Resp: 125408
Ion Ratio Lower Upper
129 100
127 76.7 39.1 117.2





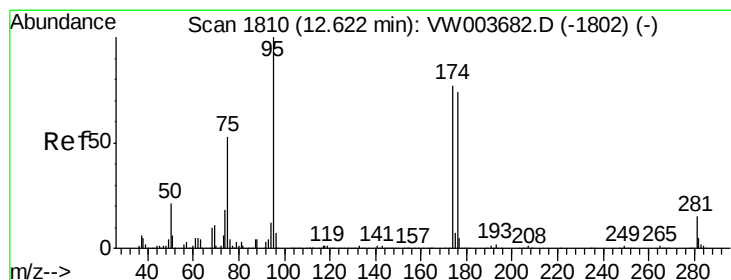
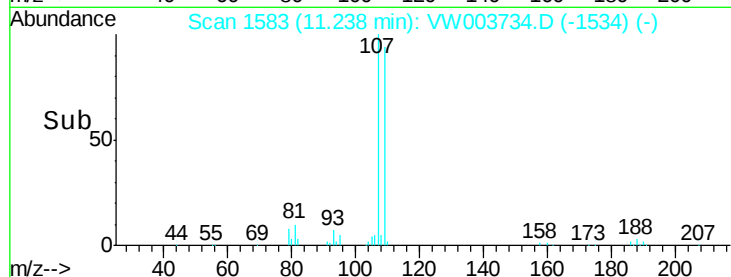
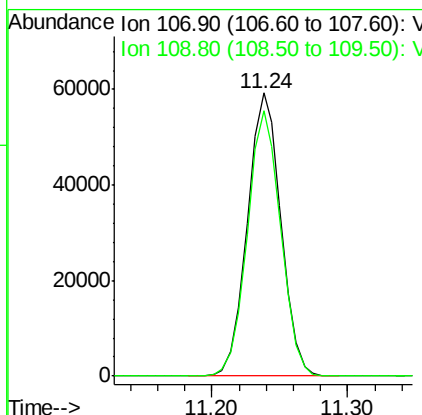
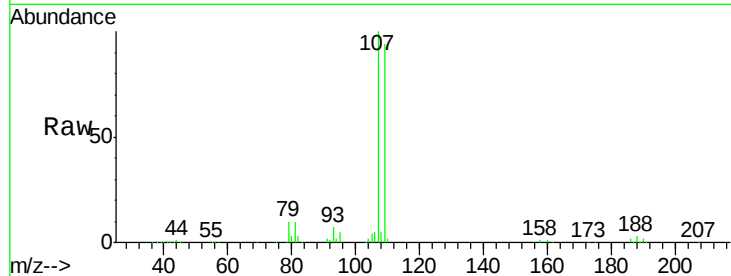
#61
 1,2-Dibromoethane
 Concen: 60.28 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003734.D
 Acq: 05 Jul 2018 20:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.5	75.6	113.4

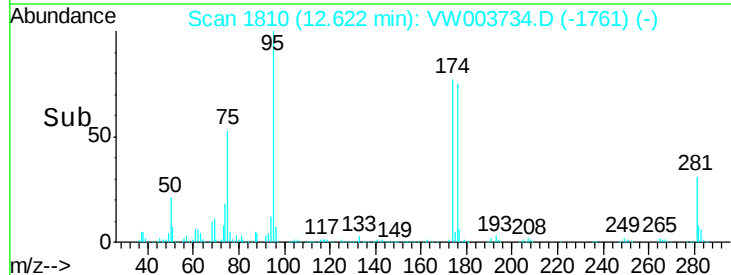
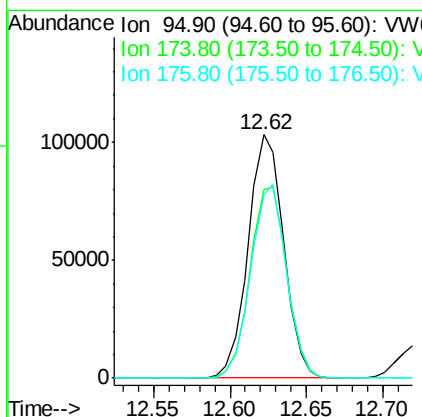
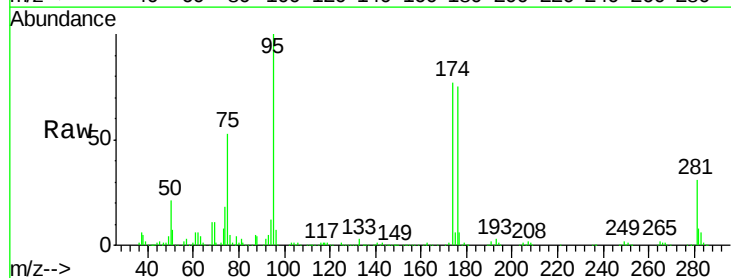
Manual Integrations
 APPROVED

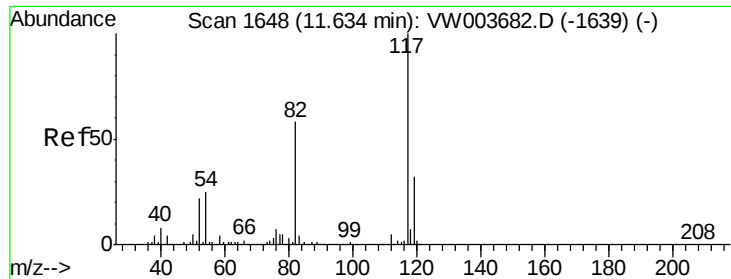
apatel
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#62
 4-Bromofluorobenzene
 Concen: 55.08 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW003734.D
 Acq: 05 Jul 2018 20:54

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.6	0.0	161.2
176	79.7	0.0	155.0





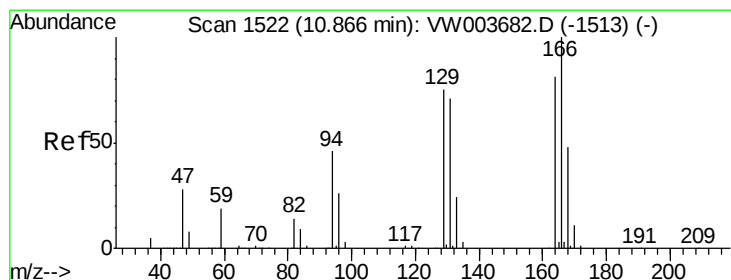
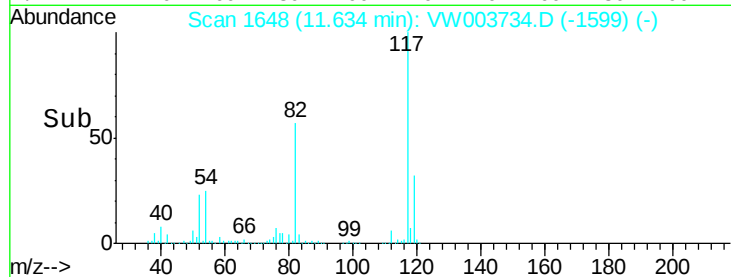
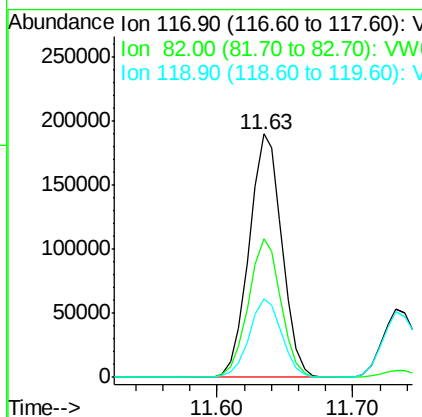
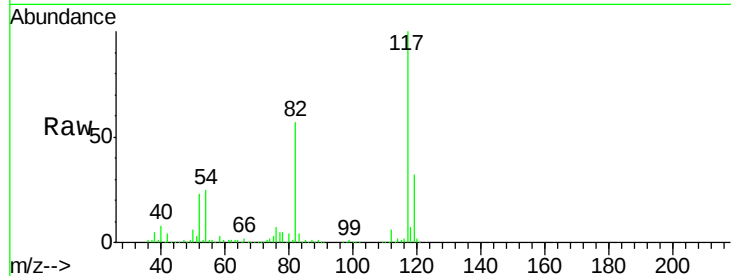
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.1	46.0	69.0
119	32.3	25.4	38.0

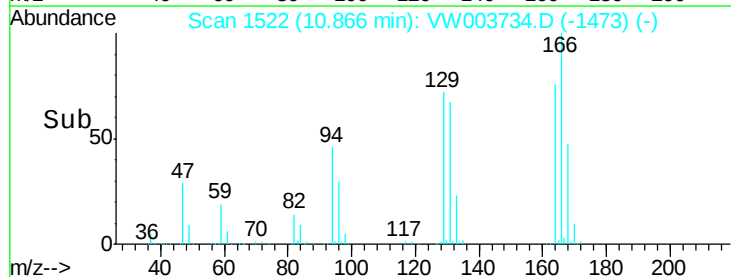
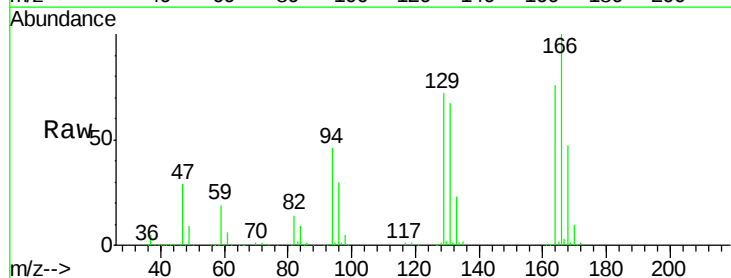
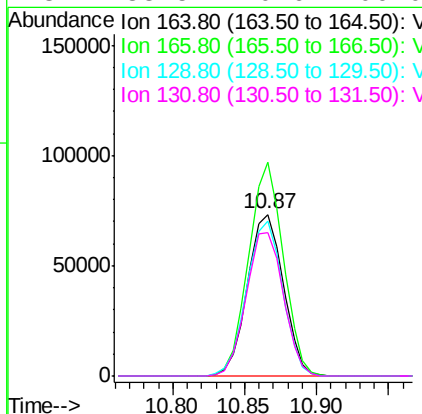
Manual Integrations
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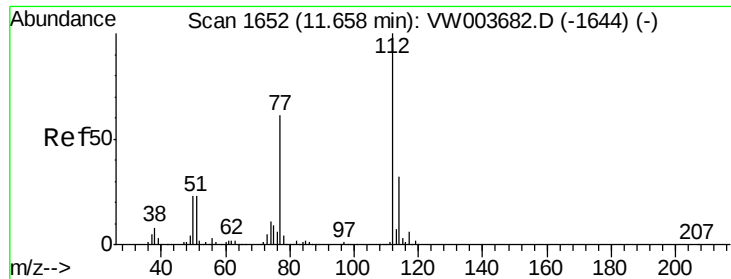
apatel
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#64
Tetrachloroethene
Concen: 58.42 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.3	99.0	148.4
129	95.9	73.8	110.6
131	88.5	70.6	106.0





#65

Chlorobenzene

Concen: 55.78 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. 0.00 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 375613

Ion Ratio Lower Upper

112 100

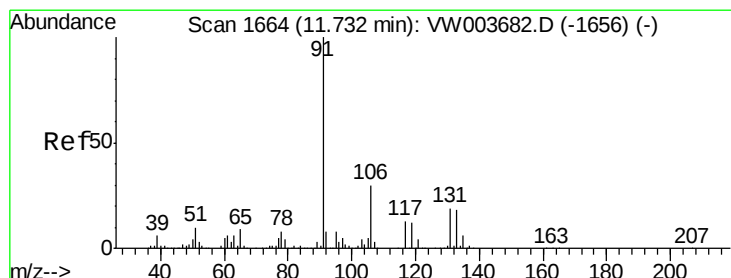
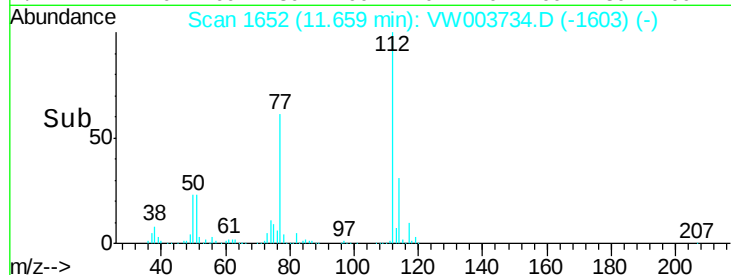
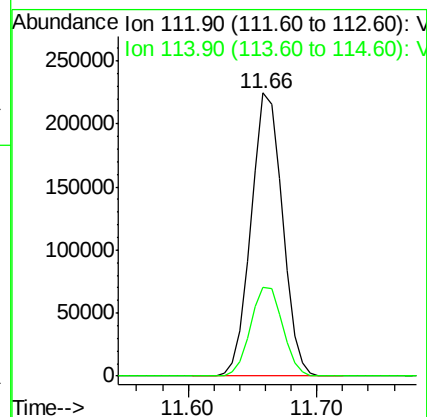
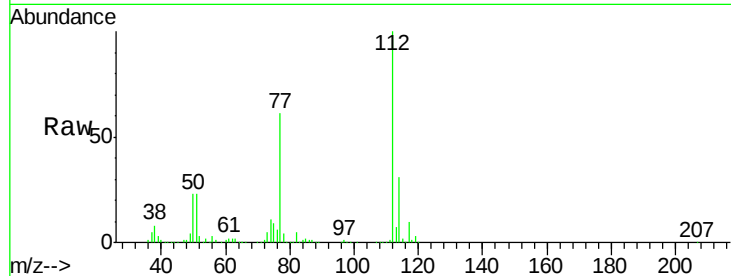
114 31.4 25.8 38.8

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 56.76 ug/l

RT: 11.73 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

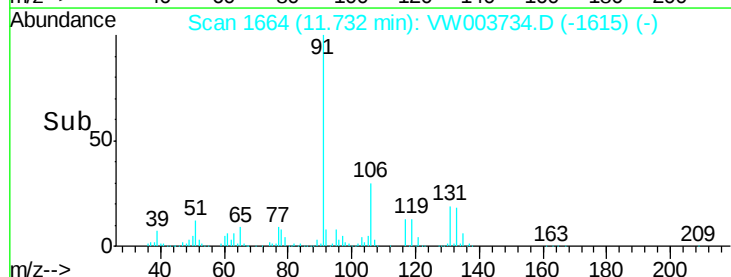
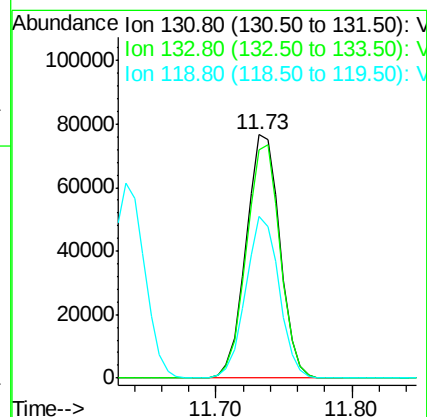
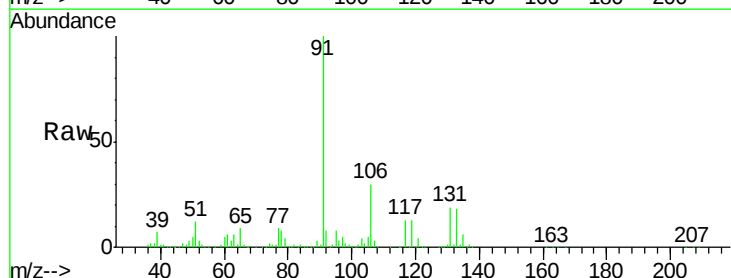
Tgt Ion:131 Resp: 133564

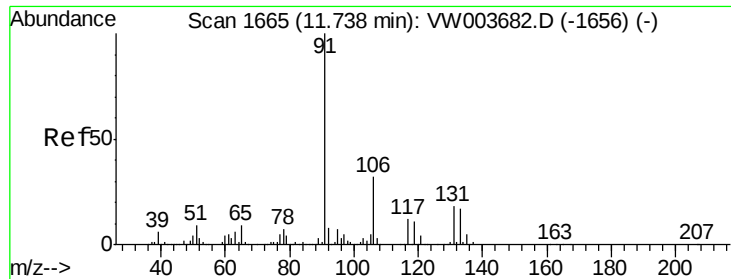
Ion Ratio Lower Upper

131 100

133 95.4 47.6 142.8

119 65.4 31.9 95.9





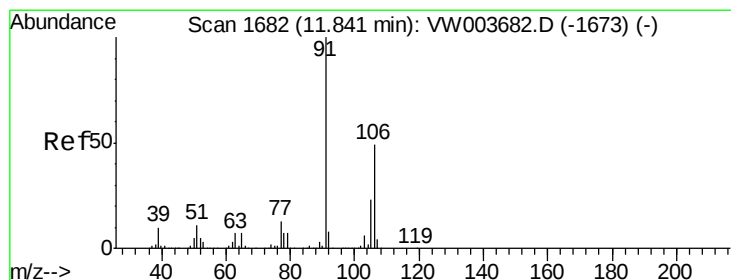
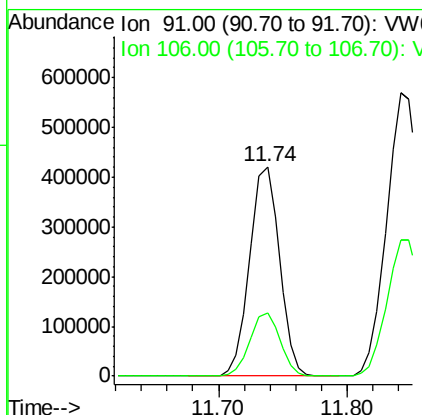
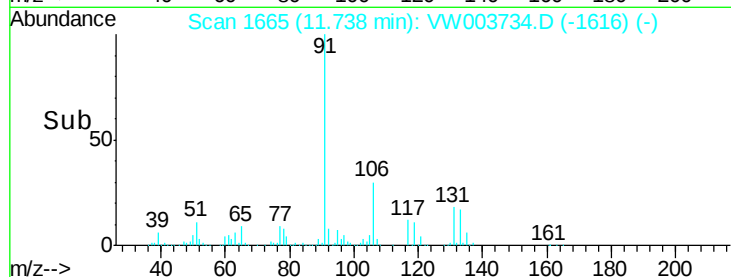
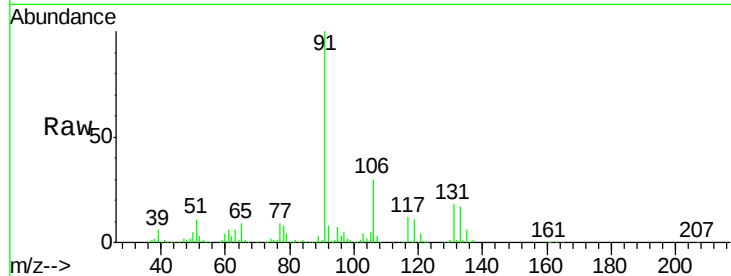
#67
Ethyl Benzene
Concen: 57.19 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 674741
Ion Ratio Lower Upper
91 100
106 30.4 25.2 37.8

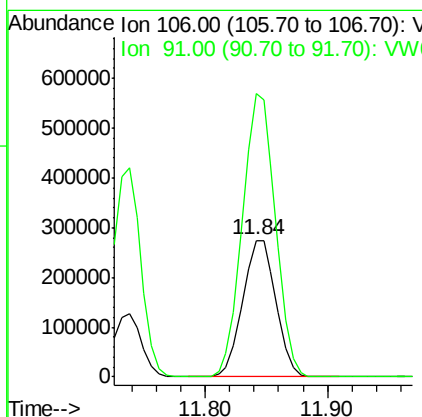
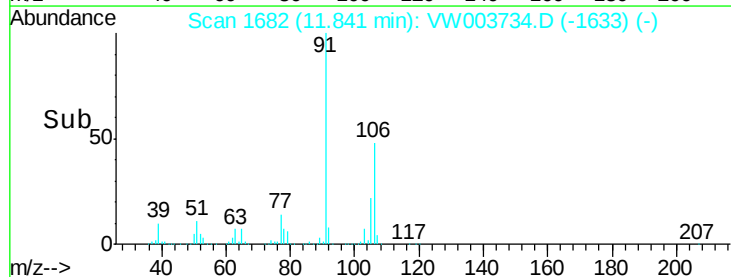
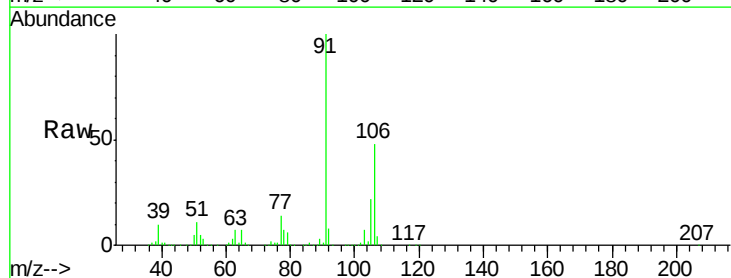
Manual Integrations
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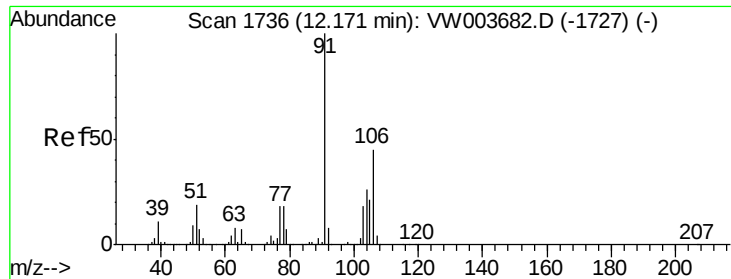
apatel
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#68
m/p-Xylenes
Concen: 115.29 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Tgt Ion: 106 Resp: 517233
Ion Ratio Lower Upper
106 100
91 205.7 163.7 245.5





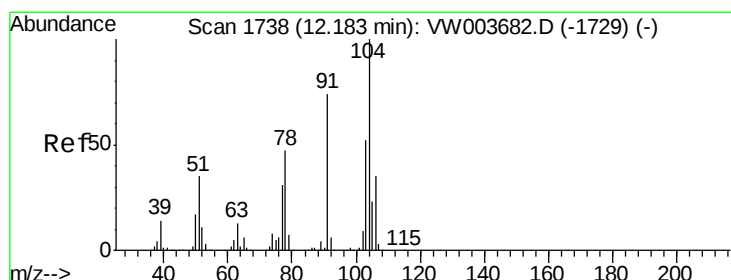
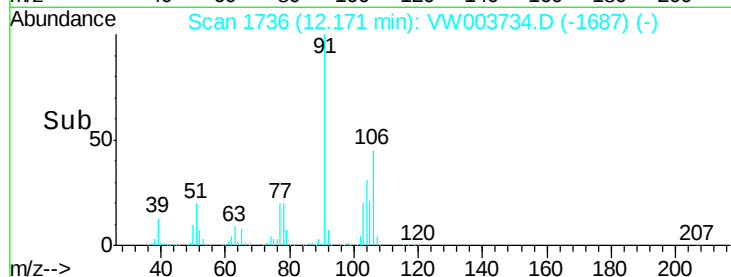
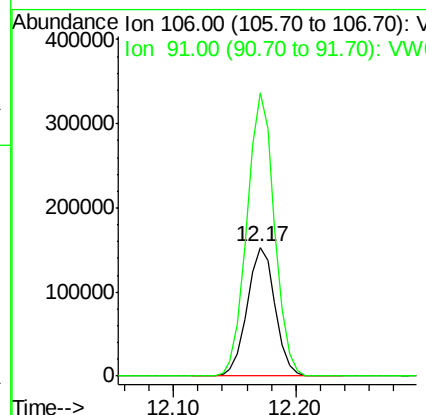
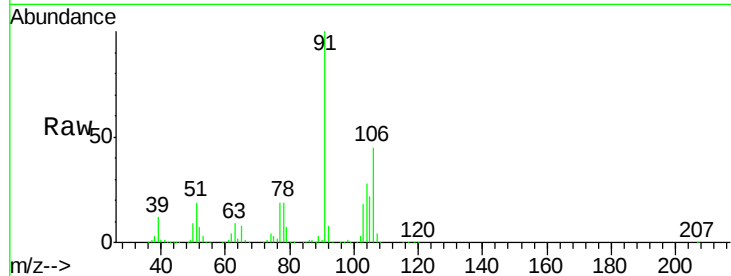
#69
o-Xylene
Concen: 58.32 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	216.9	109.3	327.8

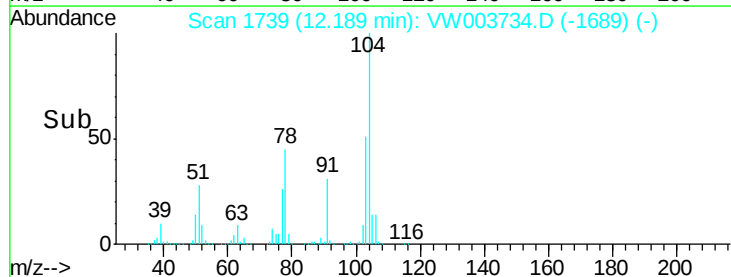
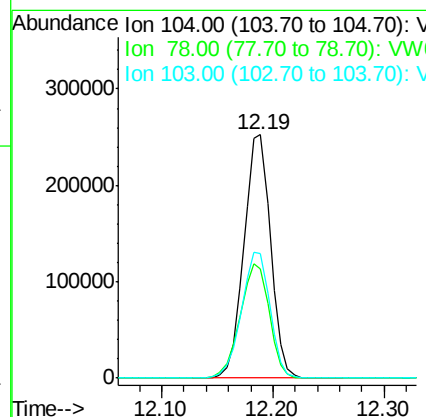
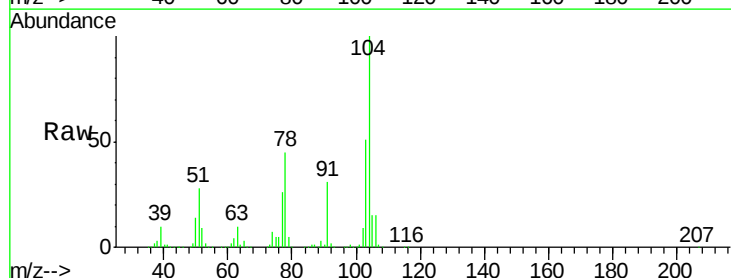
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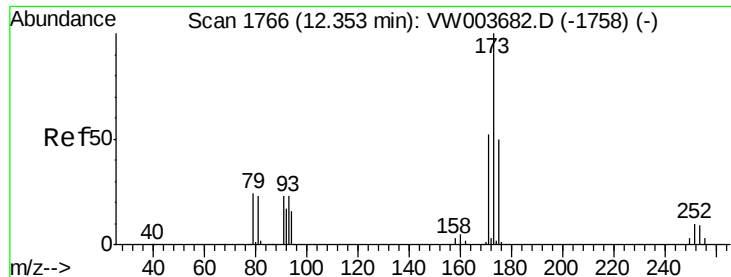
apatel
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#70
Styrene
Concen: 60.11 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.2	40.2	60.4
103	55.3	44.4	66.6





#71

Bromoform

Concen: 60.55 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 79177

Ion Ratio Lower Upper

173 100

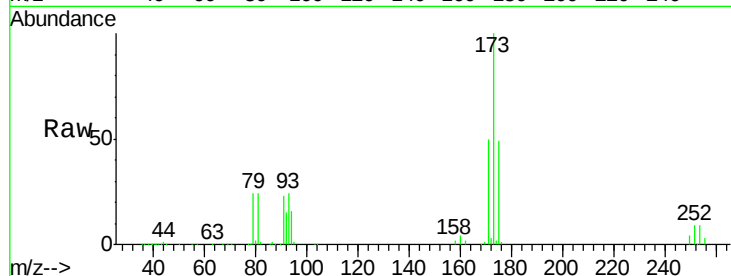
175 48.7 24.5 73.5

254 0.1 0.2 0.2#

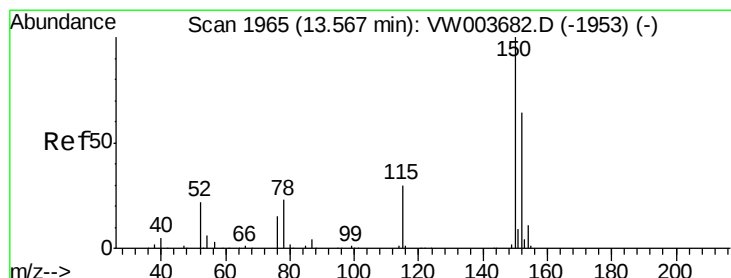
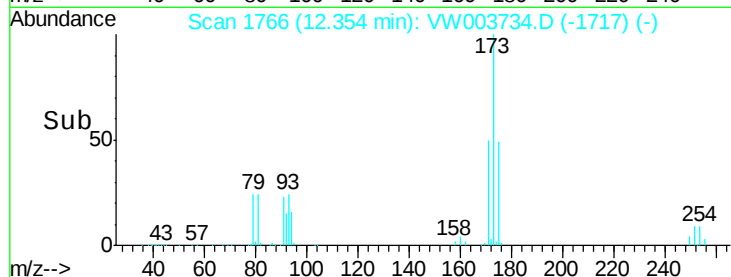
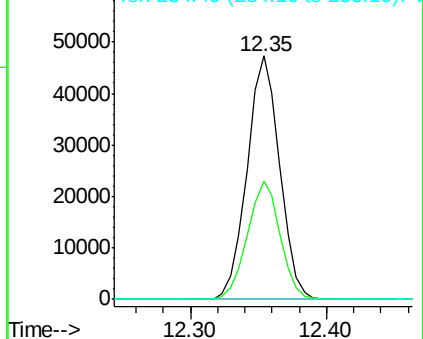
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

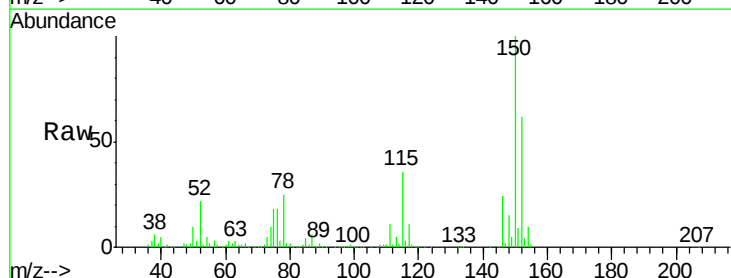
Tgt Ion:152 Resp: 174855

Ion Ratio Lower Upper

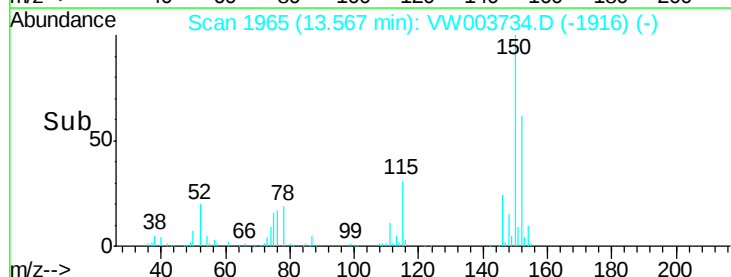
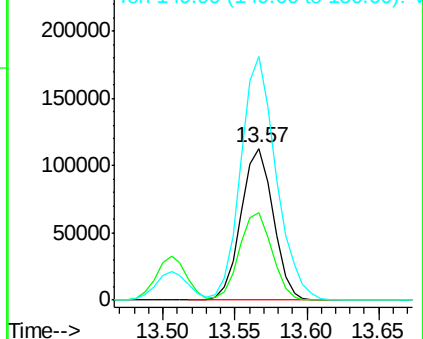
152 100

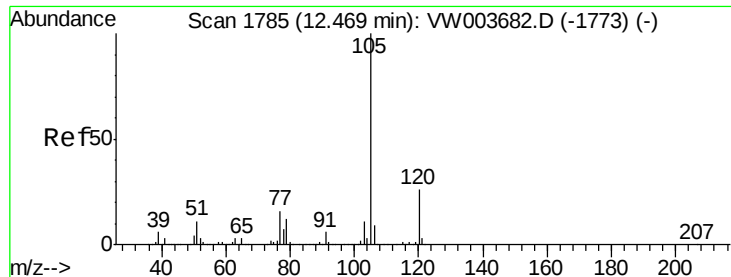
115 58.6 29.3 88.0

150 176.2 0.0 352.0



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





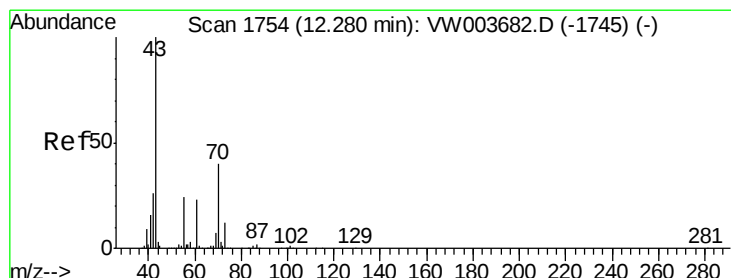
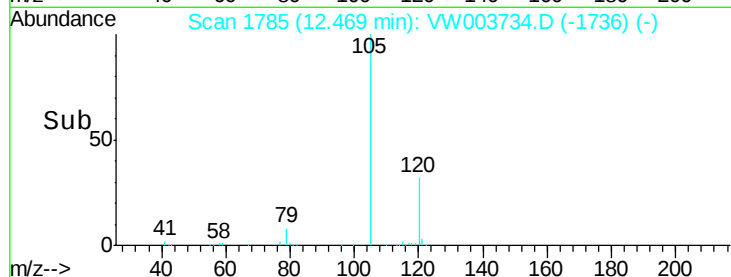
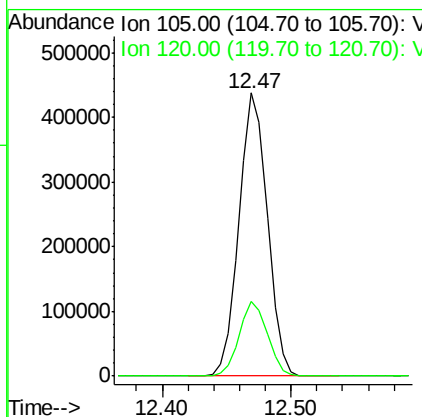
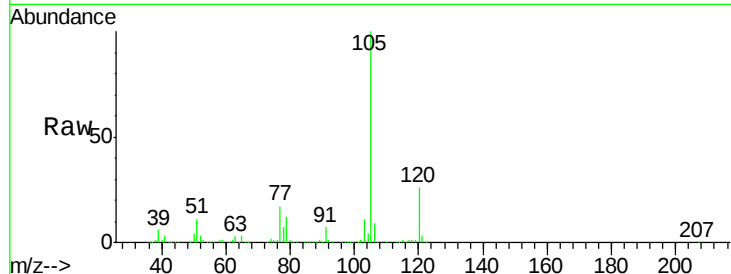
#73
Isopropylbenzene
Concen: 56.01 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
105	100	666228		
120	26.1	13.1	39.3	

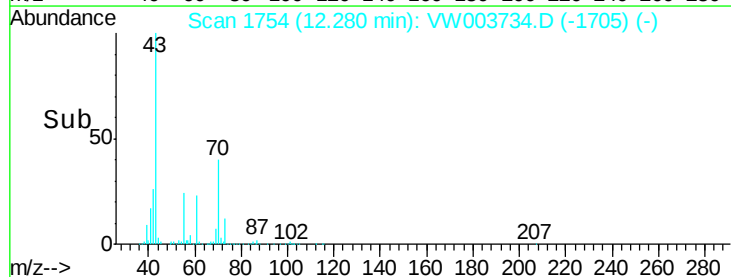
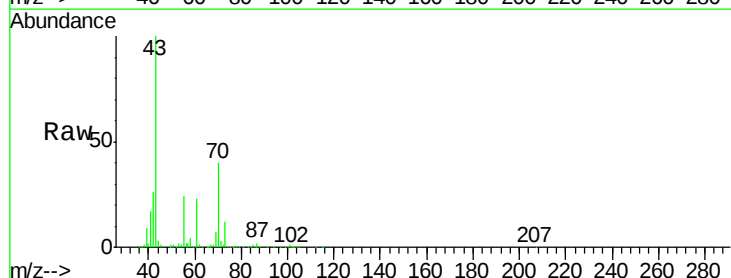
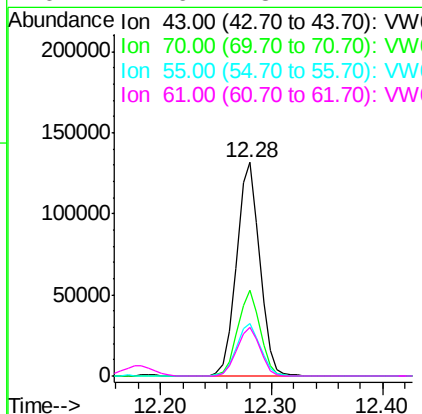
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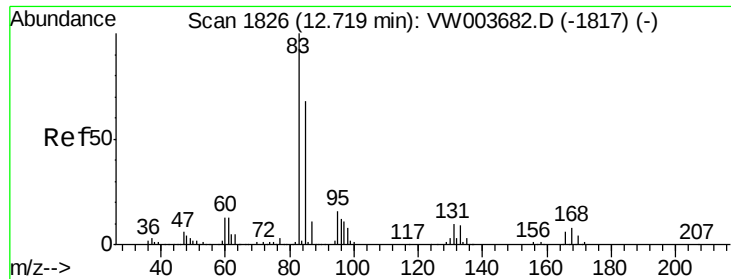
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#74
N-ethyl acetate
Concen: 60.39 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	189659		
70	39.0	31.3	46.9	
55	25.2	20.1	30.1	
61	22.6	18.2	27.2	





#75

1,1,2,2-Tetrachloroethane

Concen: 57.94 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

Instrument :

MSVOA_W

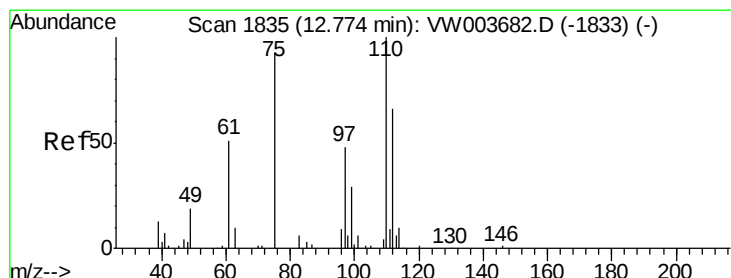
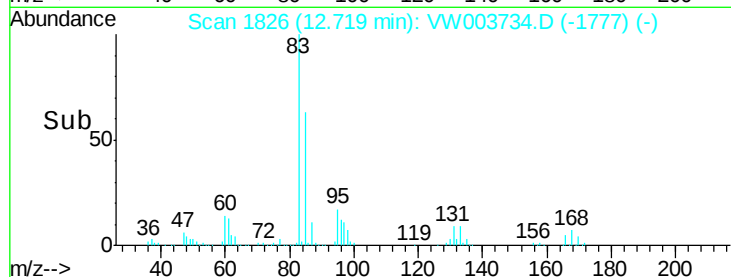
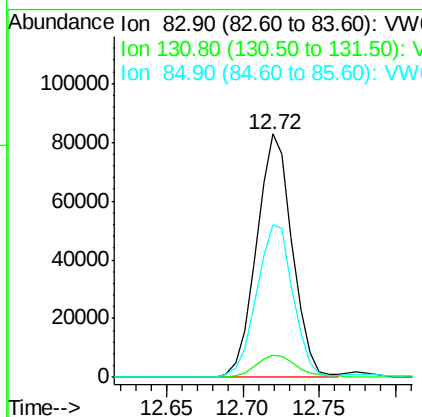
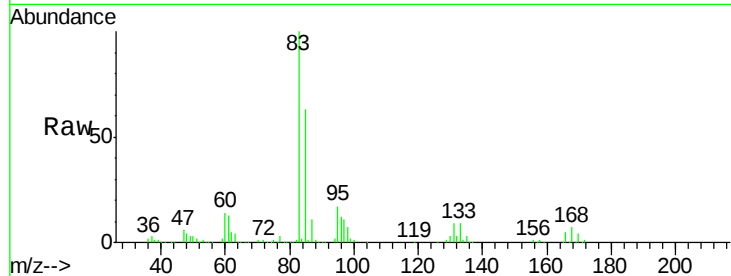
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	134787
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.3	15.9
85	64.2	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 58.28 ug/l m

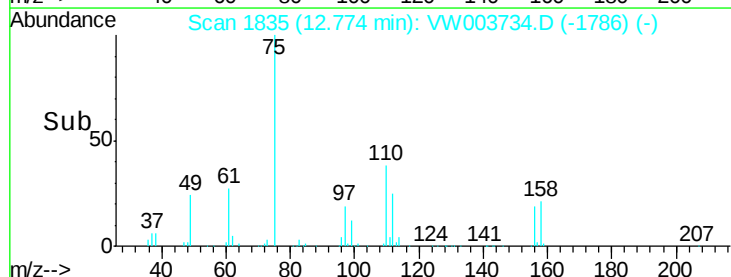
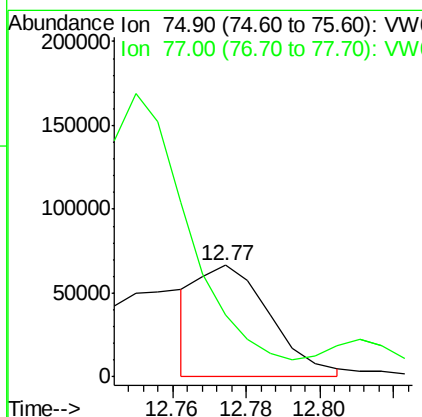
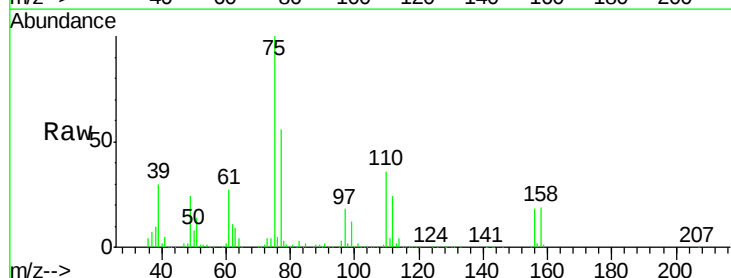
RT: 12.77 min Scan# 1835

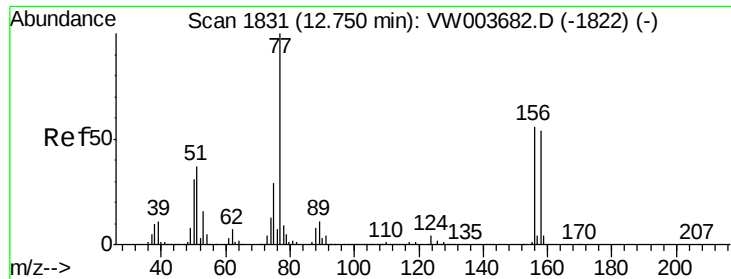
Delta R.T. 0.00 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

Tgt Ion:	75	Resp:	91626
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 55.85 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

Instrument :

MSVOA_W

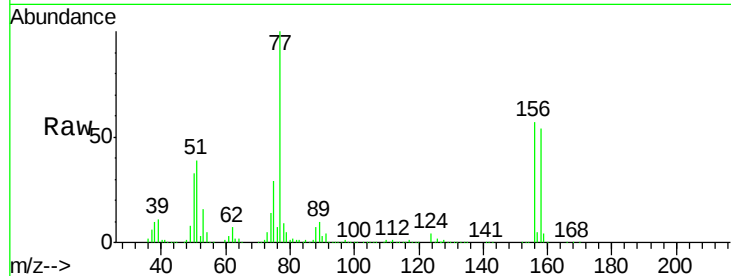
ClientSampled :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	192.4	95.8	287.4
158	96.4	48.2	144.6

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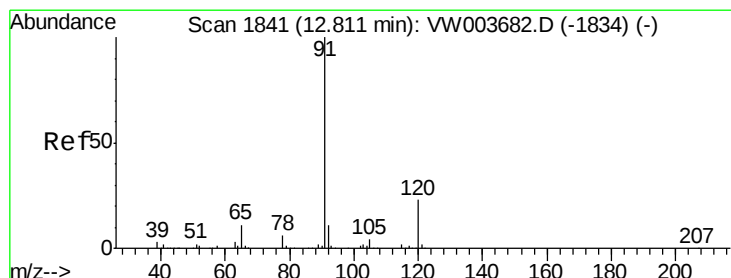
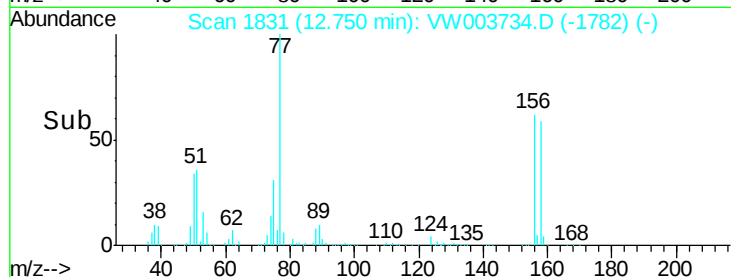
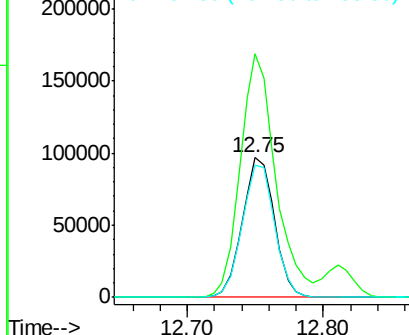
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 56.29 ug/l

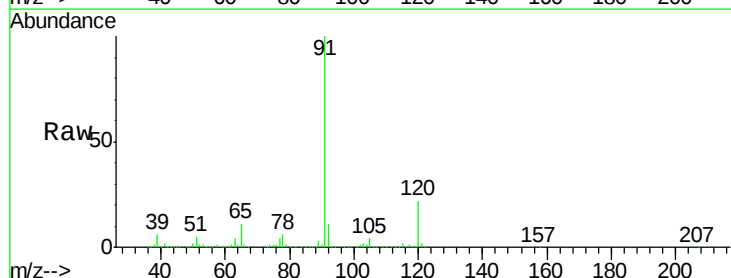
RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003734.D

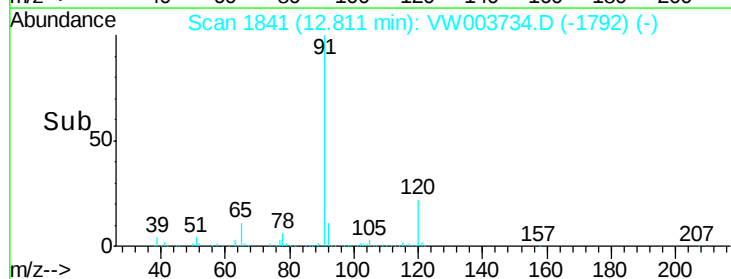
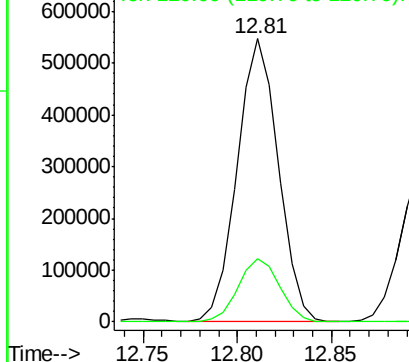
Acq: 05 Jul 2018 20:54

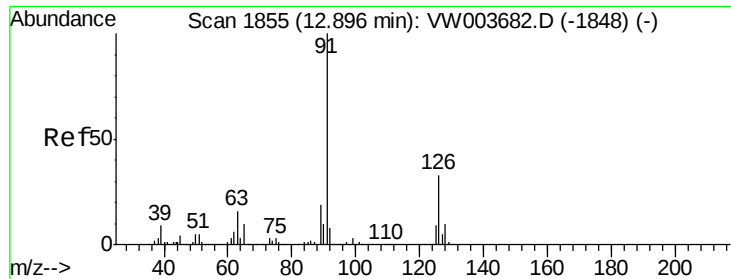
Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.4	34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 55.81 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 466612

Ion Ratio Lower Upper

91 100

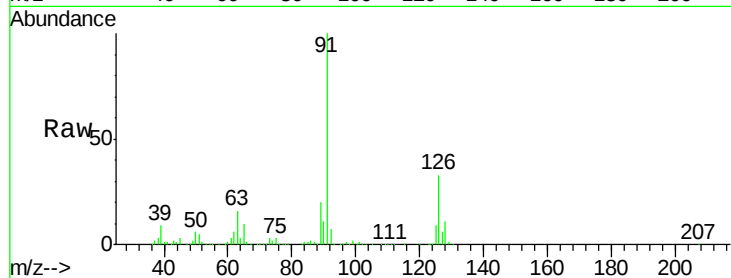
126 33.5 16.4 49.4

Manual Integrations

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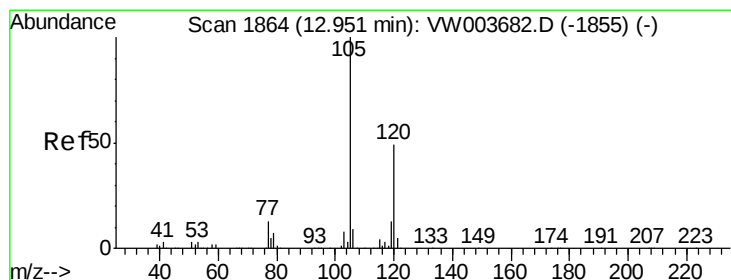
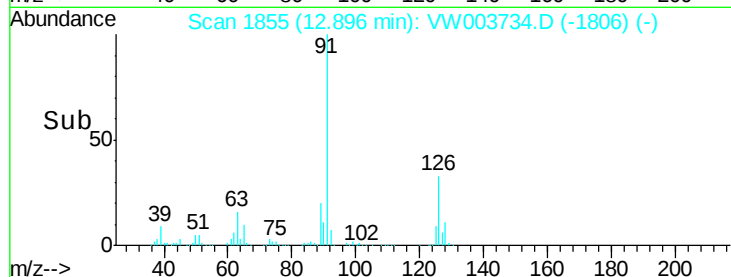
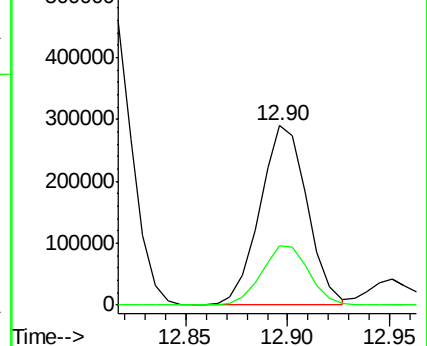
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 56.95 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003734.D

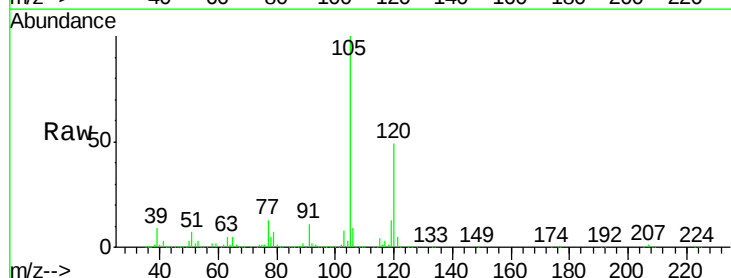
Acq: 05 Jul 2018 20:54

Tgt Ion:105 Resp: 573068

Ion Ratio Lower Upper

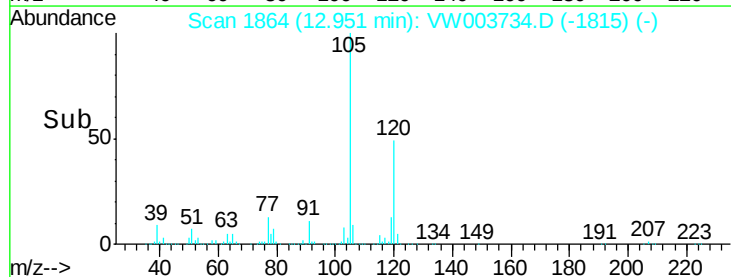
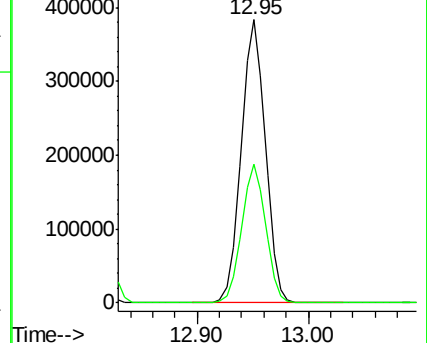
105 100

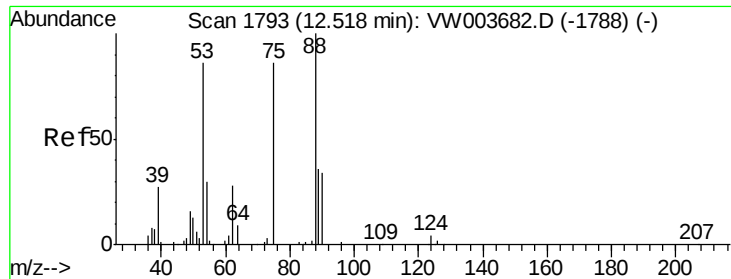
120 48.7 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





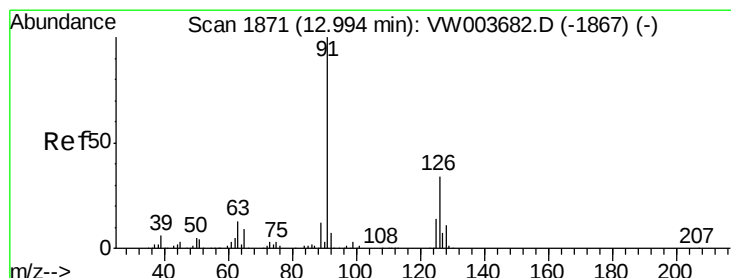
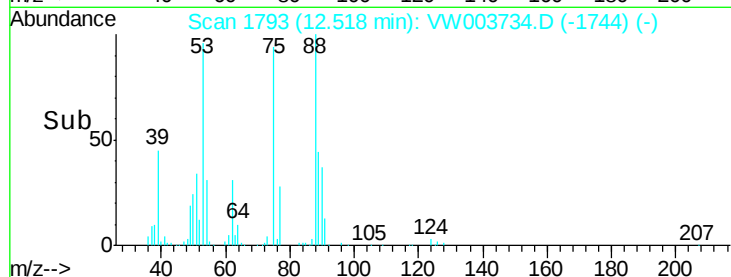
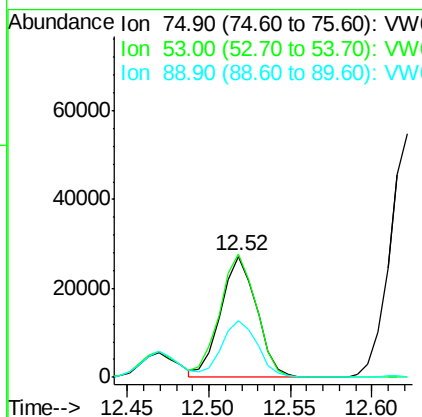
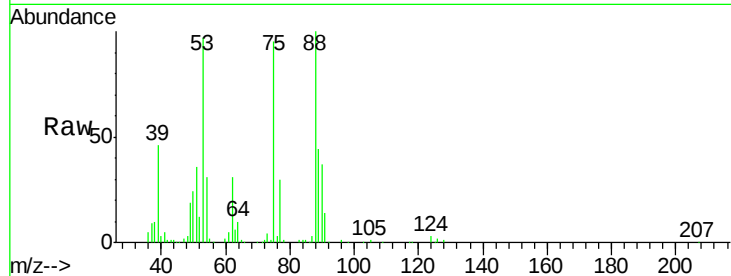
#81
trans-1,4-Dichloro-2-butene
Concen: 56.11 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.9	82.4	123.6
89	46.9	35.9	53.9

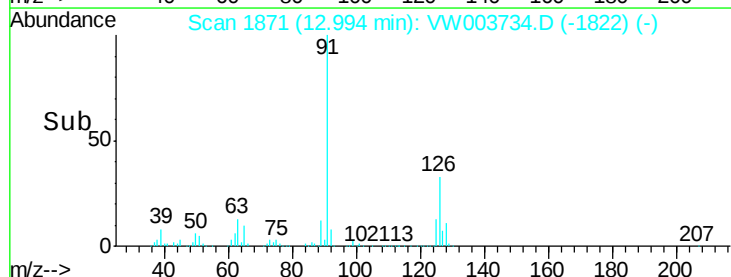
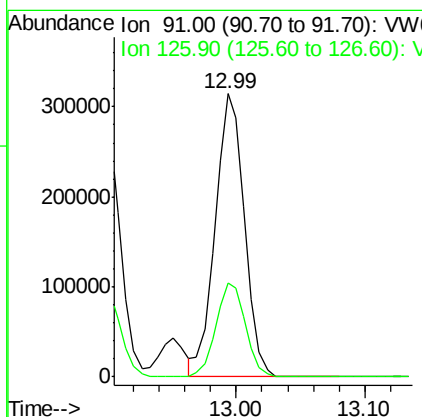
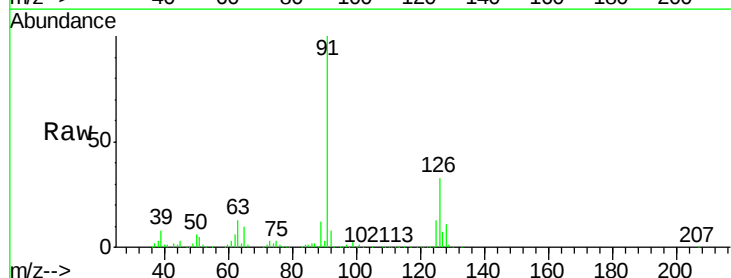
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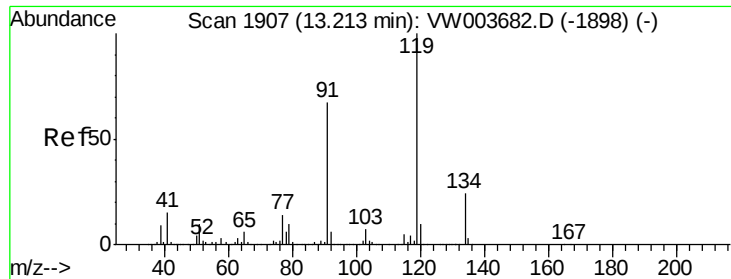
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#82
4-Chlorotoluene
Concen: 56.27 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.6	17.0	50.9





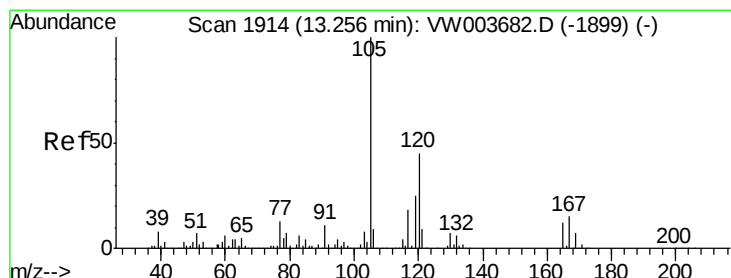
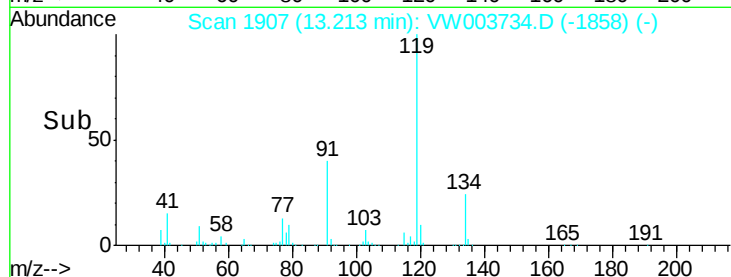
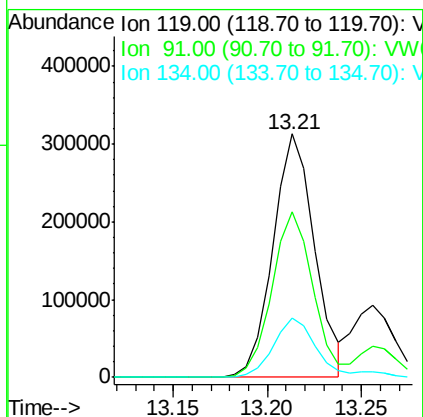
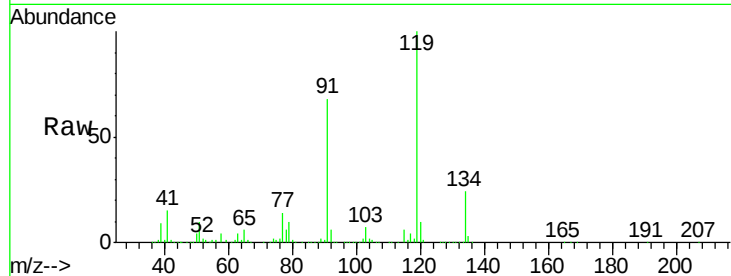
#83
tert-Butylbenzene
Concen: 56.45 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.9	33.8	101.3
134	26.2	13.1	39.1

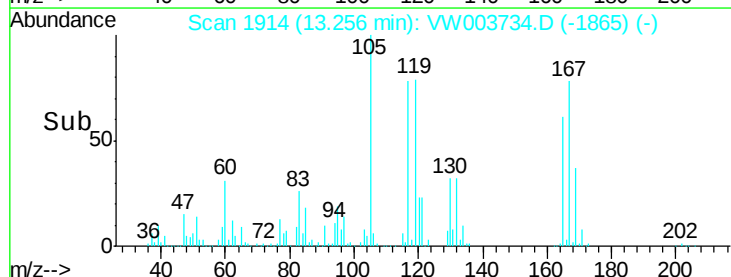
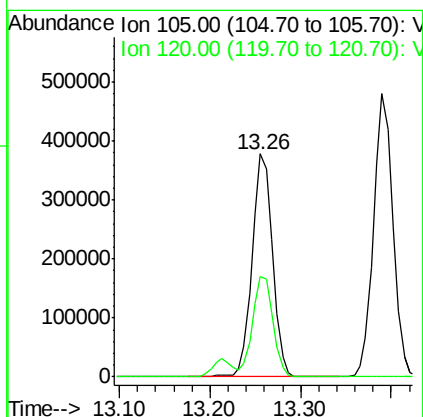
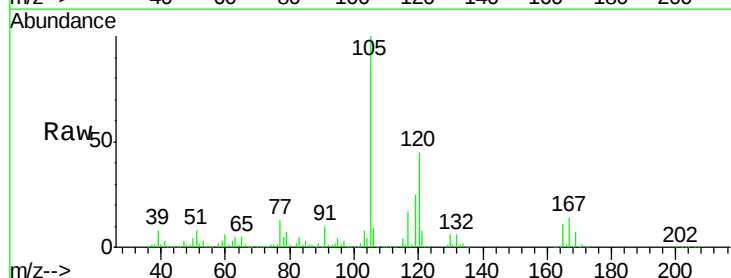
Manual Integrations
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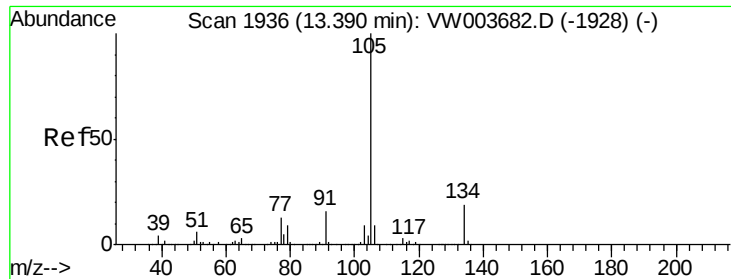
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#84
1,2,4-Trimethylbenzene
Concen: 56.91 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.4	67.3





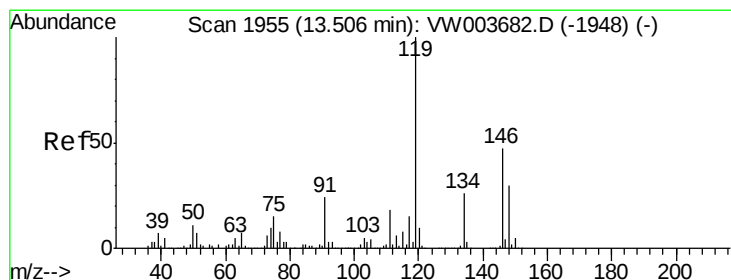
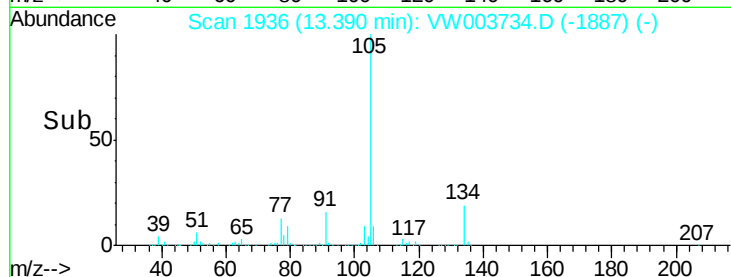
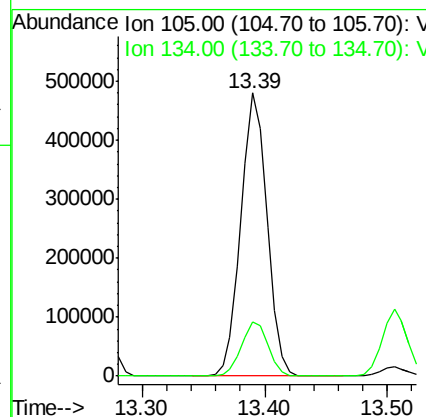
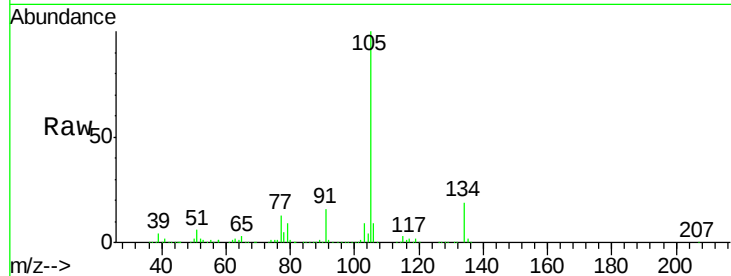
#85
 sec-Butylbenzene
 Concen: 56.10 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW003734.D
 Acq: 05 Jul 2018 20:54

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.5	9.8	29.4

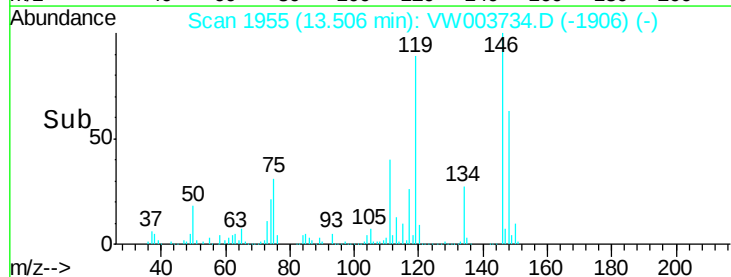
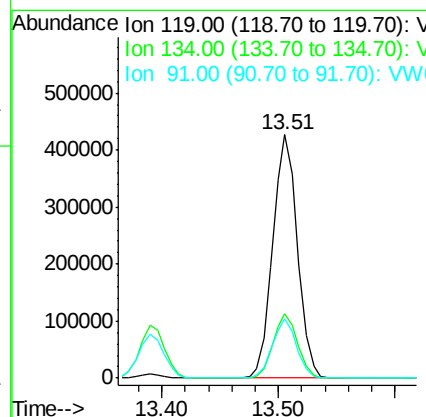
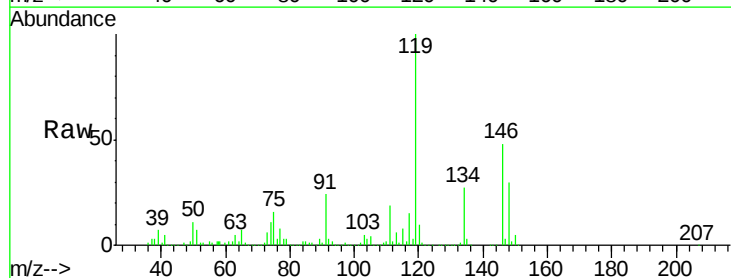
Manual Integrations
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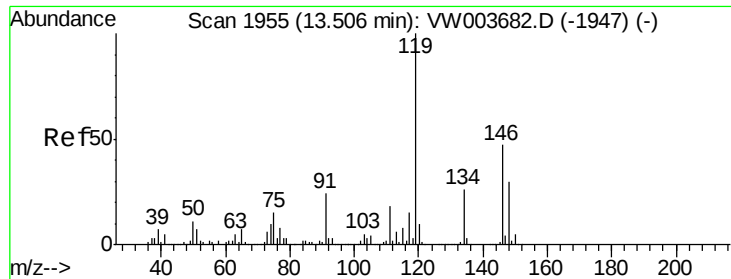
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#86
 p-Isopropyltoluene
 Concen: 56.87 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003734.D
 Acq: 05 Jul 2018 20:54

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.0	38.9
91	23.8	11.8	35.4





#87

1,3-Dichlorobenzene

Concen: 55.21 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

Instrument :

MSVOA_W

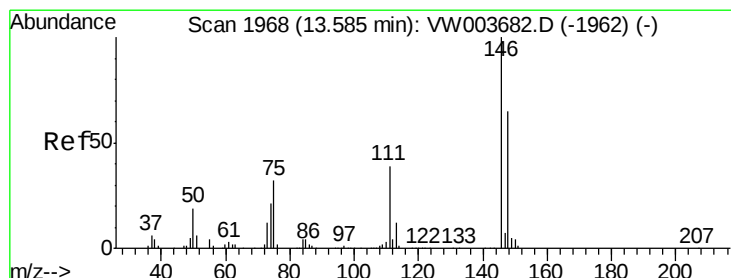
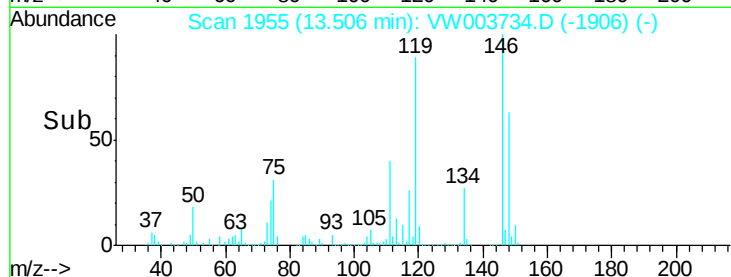
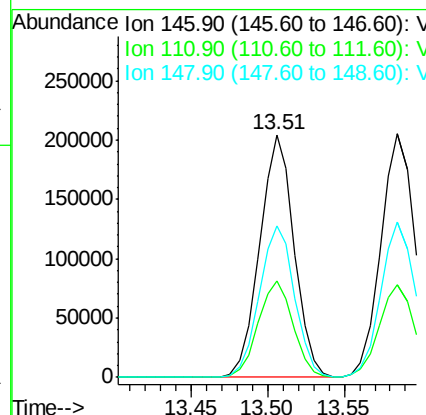
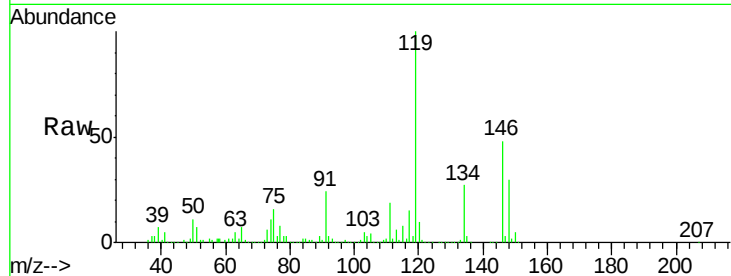
ClientSampled :

VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	319862		
111	40.2	19.9	59.7	
148	64.0	31.9	95.9	

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 55.10 ug/l

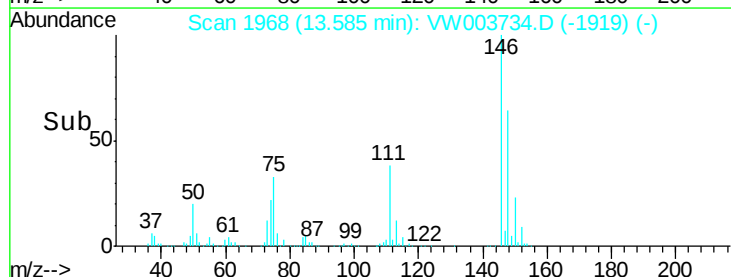
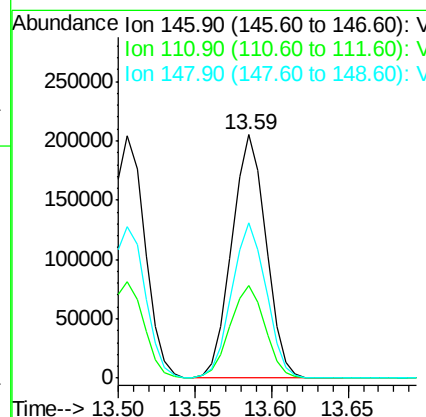
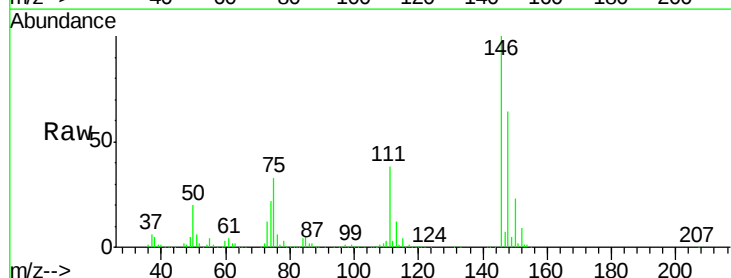
RT: 13.59 min Scan# 1968

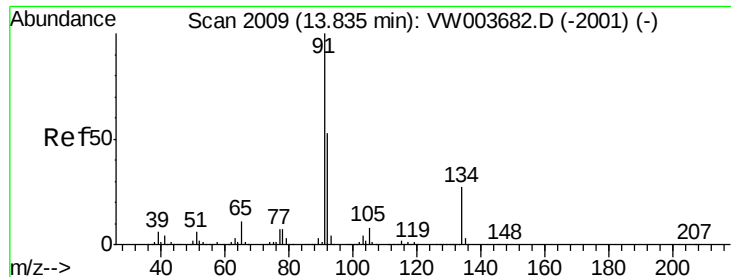
Delta R.T. 0.00 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	318987		
111	38.9	19.3	57.9	
148	64.0	32.3	96.9	





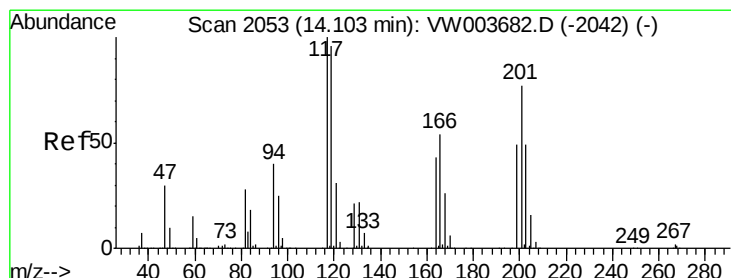
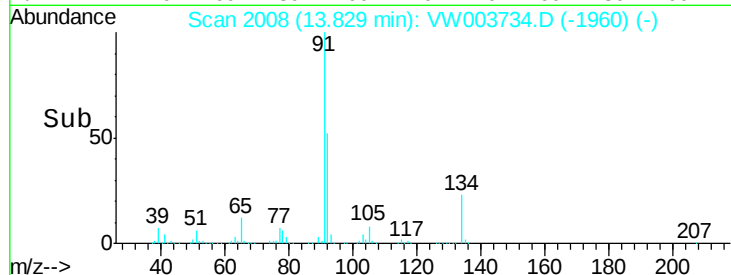
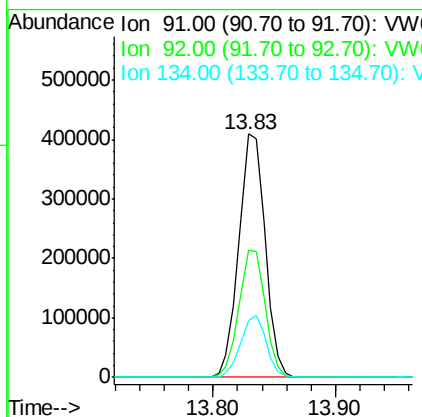
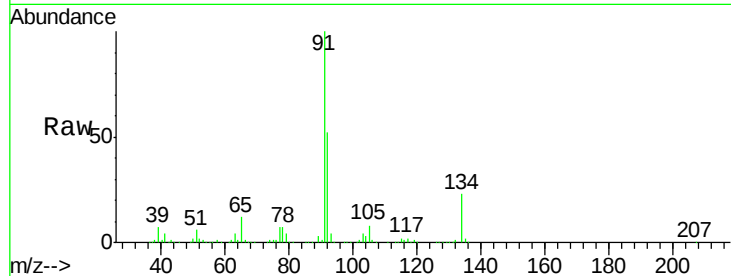
#89
n-Butylbenzene
Concen: 55.89 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. -0.01 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.4	79.2
134	24.7	12.7	38.1

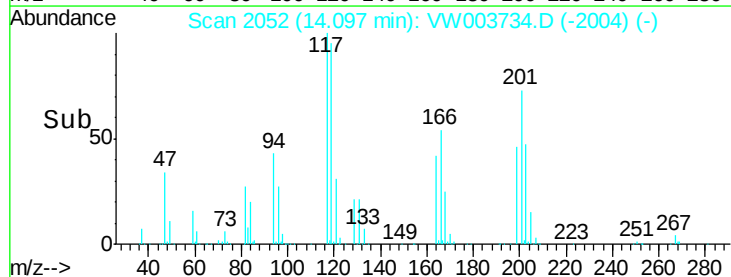
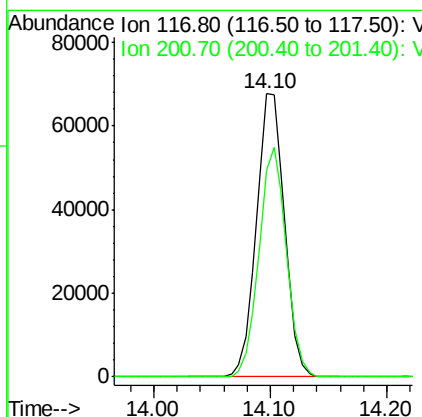
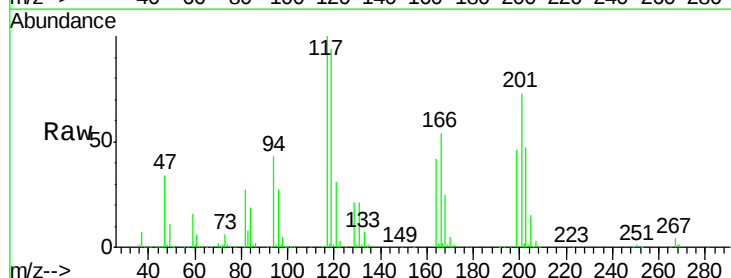
Manual Integrations
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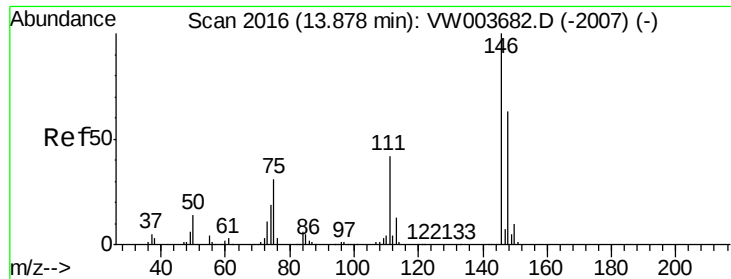
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#90
Hexachloroethane
Concen: 55.64 ug/l
RT: 14.10 min Scan# 2052
Delta R.T. -0.01 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.7	39.1	117.2





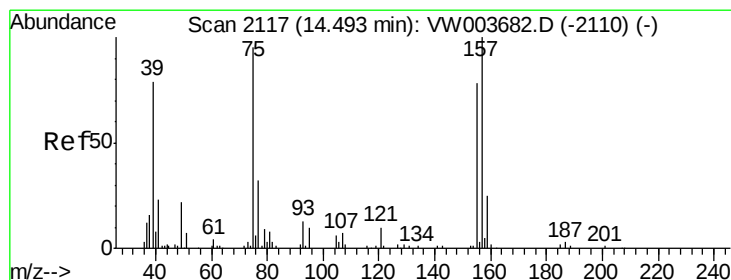
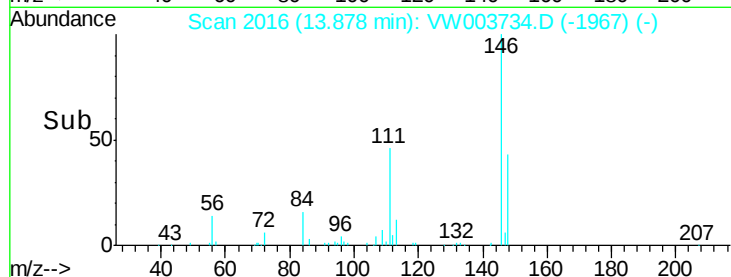
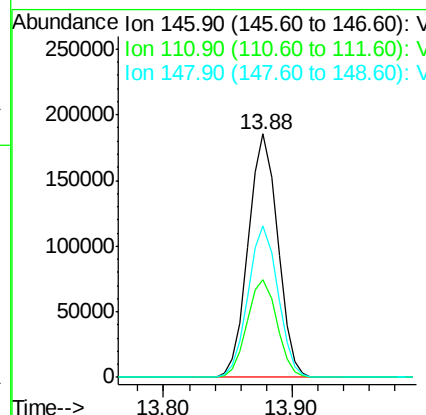
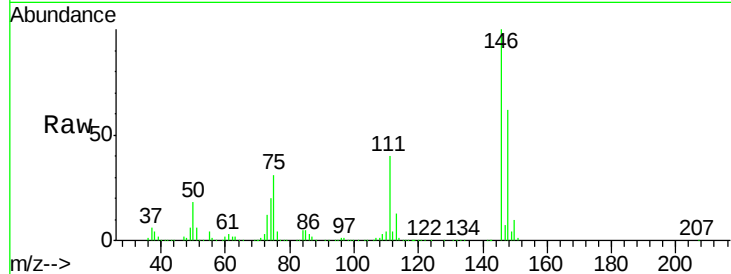
#91
 1,2-Dichlorobenzene
 Concen: 56.50 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003734.D
 Acq: 05 Jul 2018 20:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp Lower	Upper
146	100		
111	40.8	20.6	61.9
148	62.9	31.9	95.7

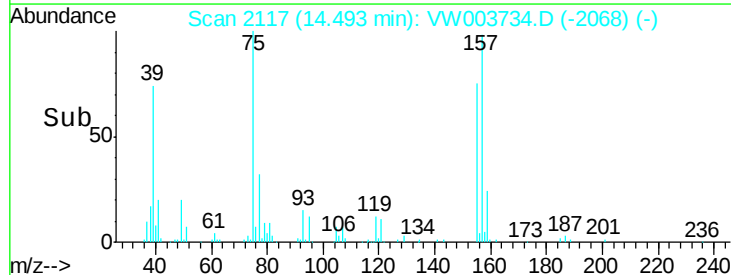
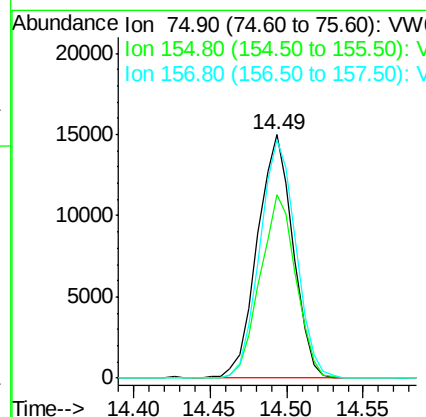
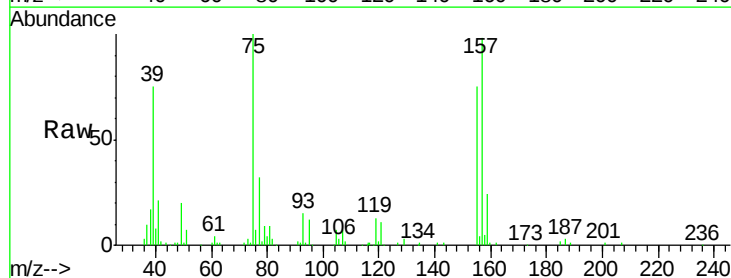
Manual Integrations
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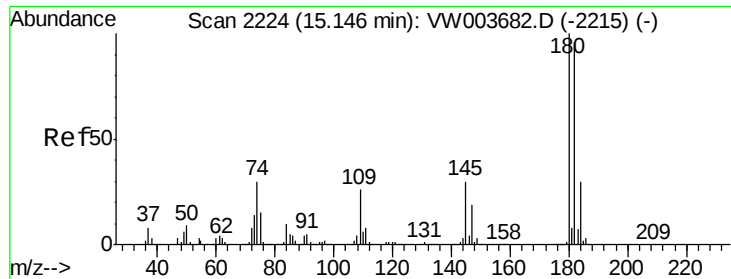
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 59.96 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003734.D
 Acq: 05 Jul 2018 20:54

Tgt Ion	Ratio	Resp Lower	Upper
75	100		
155	75.6	40.2	120.6
157	98.8	50.7	152.3





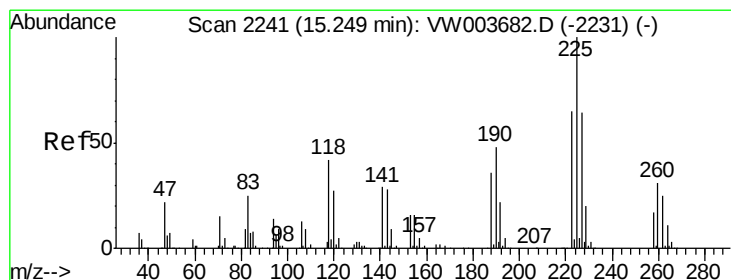
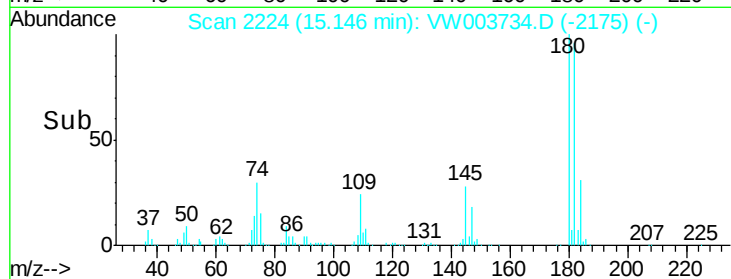
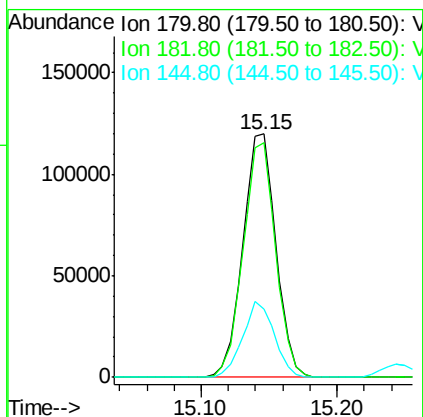
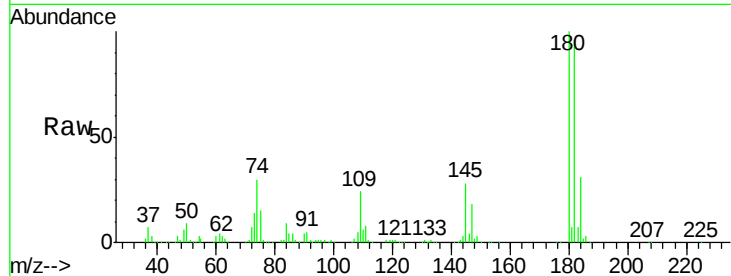
#93
 1,2,4-Trichlorobenzene
 Concen: 55.62 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003734.D
 Acq: 05 Jul 2018 20:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.6	142.8
145	30.0	14.9	44.5

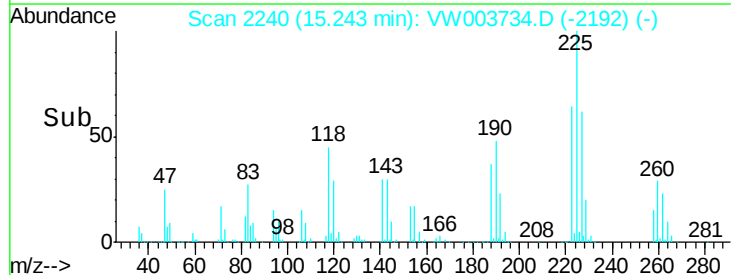
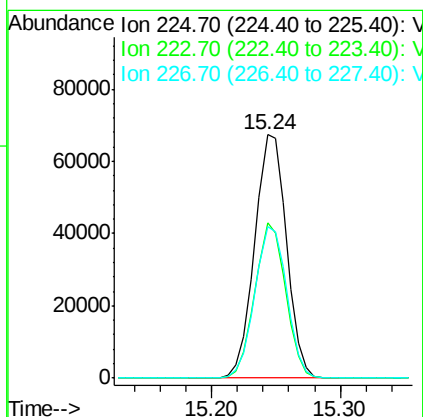
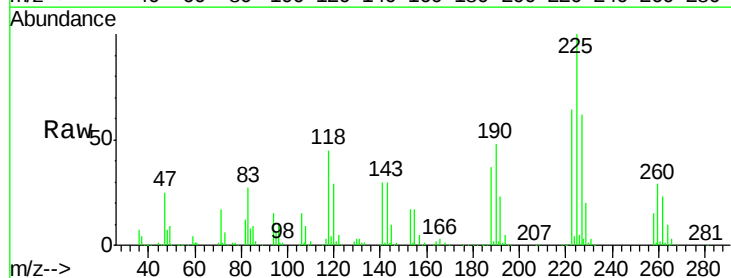
Manual Integrations
 APPROVED

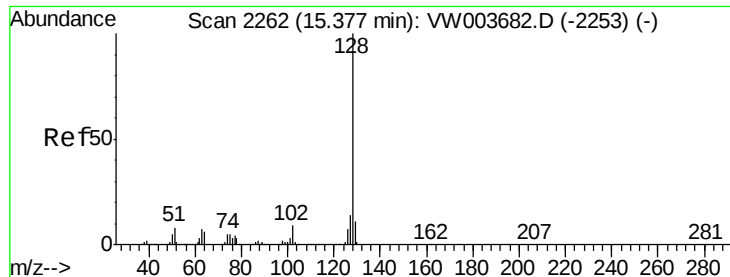
apatel
 7/12/2018 5:07:51 PM



#94
 Hexachlorobutadiene
 Concen: 54.47 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: VW003734.D
 Acq: 05 Jul 2018 20:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	32.0	96.2
227	62.5	31.9	95.7





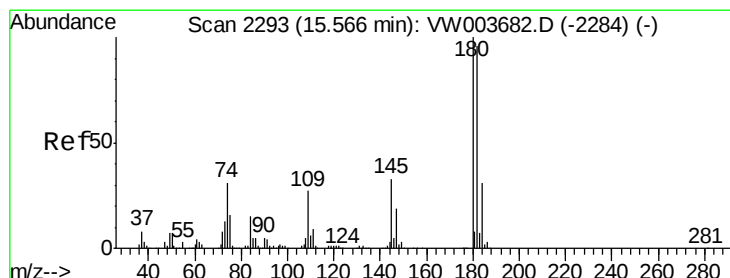
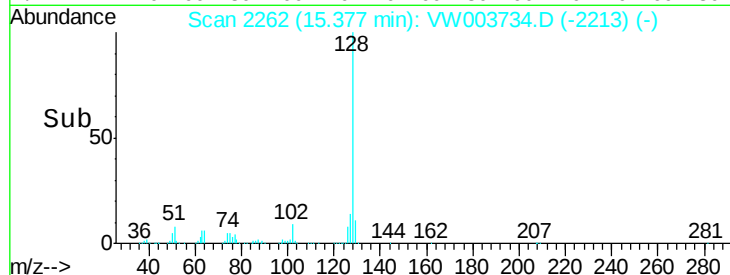
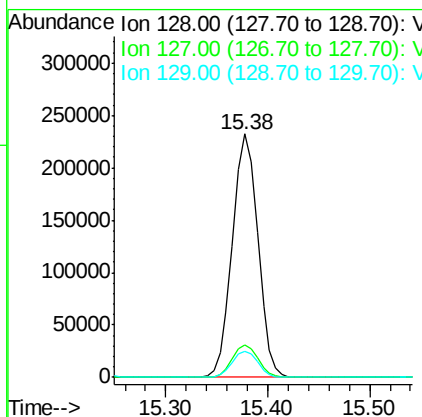
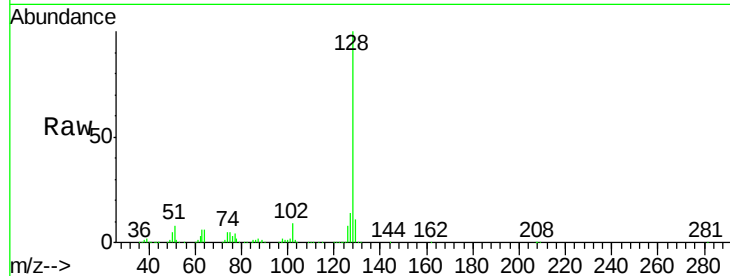
#95
Naphthalene
Concen: 60.73 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.6	15.8
129	10.9	8.8	13.2

Manual Integrations
APPROVED

apatel
7/12/2018 5:07:51 PM



#96
1,2,3-Trichlorobenzene
Concen: 56.77 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.8	143.3
145	32.0	15.9	47.7

