

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082918\
 Data File : VW005004.D
 Acq On : 29 Aug 2018 15:19
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW082918

Manual Integrations
 APPROVED

apatel
 8/30/2018 12:43:54 PM

Quant Time: Aug 30 01:55:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 30 01:51:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	577345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	819226	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	802644	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	441961	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	186402	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	
35) Dibromofluoromethane	7.89	113	193803	47.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.48%	
50) Toluene-d8	10.33	98	1117322	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
62) 4-Bromofluorobenzene	12.62	95	402382	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	225947	45.301	ug/l	98
3) Chloromethane	2.22	50	328581	46.386	ug/l	98
4) Vinyl Chloride	2.36	62	330803	46.785	ug/l	98
5) Bromomethane	2.78	94	214053	46.313	ug/l	99
6) Chloroethane	2.92	64	197285	47.184	ug/l	97
7) Trichlorofluoromethane	3.26	101	344356	47.102	ug/l	97
8) Diethyl Ether	3.69	74	101572	48.862	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	212137	47.012	ug/l	99
10) Methyl Iodide	4.28	142	303509	44.049	ug/l	99
11) Tert butyl alcohol	5.21	59	62471	218.312	ug/l	98
12) 1,1-Dichloroethene	4.04	96	202905	48.129	ug/l	98
13) Acrolein	3.91	56	74771	222.032	ug/l	100
14) Allyl chloride	4.67	41	324369	49.966	ug/l	99
15) Acrylonitrile	5.38	53	257048	242.477	ug/l	100
16) Acetone	4.14	43	201076	225.774	ug/l	98
17) Carbon Disulfide	4.38	76	848895	47.905	ug/l	100
18) Methyl Acetate	4.68	43	100258	46.476	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	467459	51.598	ug/l	98
20) Methylene Chloride	4.92	84	304352	48.073	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	218236	47.675	ug/l	97
22) Diisopropyl ether	6.32	45	703133	53.058	ug/l	97
23) Vinyl Acetate	6.26	43	1792704	264.591	ug/l	100
24) 1,1-Dichloroethane	6.22	63	382487	47.703	ug/l	99
25) 2-Butanone	7.18	43	342198	246.393	ug/l	99
26) 2,2-Dichloropropane	7.17	77	347852	49.427	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	241532	48.503	ug/l	99
28) Bromochloromethane	7.51	49	168410	47.766	ug/l	100
29) Tetrahydrofuran	7.54	42	174477	248.689	ug/l	99
30) Chloroform	7.68	83	370666	47.000	ug/l	99
31) Cyclohexane	7.96	56	434021	51.073	ug/l	100
32) 1,1,1-Trichloroethane	7.88	97	355991	49.057	ug/l	99
36) 1,1-Dichloropropene	8.09	75	358185	51.601	ug/l	100
37) Ethyl Acetate	7.26	43	127125	50.810	ug/l	99
38) Carbon Tetrachloride	8.07	117	320705	47.741	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	495628	51.796	ug/l	98
40) Benzene	8.33	78	1120426	50.427	ug/l	99
41) Methacrylonitrile	7.49	41	74049	50.787	ug/l	95
42) 1,2-Dichloroethane	8.40	62	227438	46.002	ug/l	99
43) Isopropyl Acetate	8.43	43	248758	49.967	ug/l	99
44) Trichloroethene	9.10	130	286199	50.430	ug/l	97
45) 1,2-Dichloropropane	9.37	63	255575	50.275	ug/l	99
46) Dibromomethane	9.46	93	112591	46.795	ug/l	98
47) Bromodichloromethane	9.65	83	285145	47.962	ug/l	100
48) Methyl methacrylate	9.44	41	142035	48.438	ug/l	98
49) 1,4-Dioxane	9.48	88	49112	983.614	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	946224	253.770	ug/l	99
52) Toluene	10.39	92	804942	48.831	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	328041	51.665	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	383701	51.824	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	189883	48.215	ug/l	98
56) Ethyl methacrylate	10.65	69	268362	51.951	ug/l	98
57) 1,3-Dichloropropane	10.94	76	324477	50.070	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	588675	264.516	ug/l	100
59) 2-Hexanone	10.98	43	704772	261.057	ug/l	100
60) Dibromochloromethane	11.13	129	217347	50.286	ug/l	99
61) 1,2-Dibromoethane	11.24	107	185223	50.167	ug/l	100
64) Tetrachloroethene	10.87	164	289858	49.531	ug/l	96
65) Chlorobenzene	11.66	112	875996	49.675	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	250447	51.708	ug/l	99
67) Ethyl Benzene	11.74	91	1561304	51.707	ug/l	99
68) m/p-Xylenes	11.84	106	1258800	102.210	ug/l	100
69) o-Xylene	12.17	106	586780	52.142	ug/l	100
70) Styrene	12.19	104	972156	52.076	ug/l	100
71) Bromoform	12.35	173	137138	50.922	ug/l #	100
73) Isopropylbenzene	12.47	105	1585767	53.824	ug/l	99
74) N-amyl acetate	12.28	43	301506	54.230	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	232283	52.072	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	188952m	60.364	ug/l	
77) Bromobenzene	12.75	156	370055	51.193	ug/l	100
78) n-propylbenzene	12.81	91	1934858	53.241	ug/l	99
79) 2-Chlorotoluene	12.90	91	1090852	51.971	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1370558	52.653	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	76137	54.971	ug/l	98
82) 4-Chlorotoluene	12.99	91	1161539	51.940	ug/l	99
83) tert-Butylbenzene	13.21	119	1171146	53.568	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1401189	53.053	ug/l	100
85) sec-Butylbenzene	13.39	105	1709846	53.278	ug/l	100
86) p-Isopropyltoluene	13.51	119	1545140	53.740	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	773580	50.481	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	760691	50.114	ug/l	99
89) n-Butylbenzene	13.83	91	1459786	54.084	ug/l	100
90) Hexachloroethane	14.10	117	235971	52.210	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	685413	50.810	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	39591	51.388	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	504066	53.338	ug/l	100
94) Hexachlorobutadiene	15.24	225	302311	51.104	ug/l	99
95) Naphthalene	15.38	128	871943	49.442	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	444636	53.258	ug/l	100

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

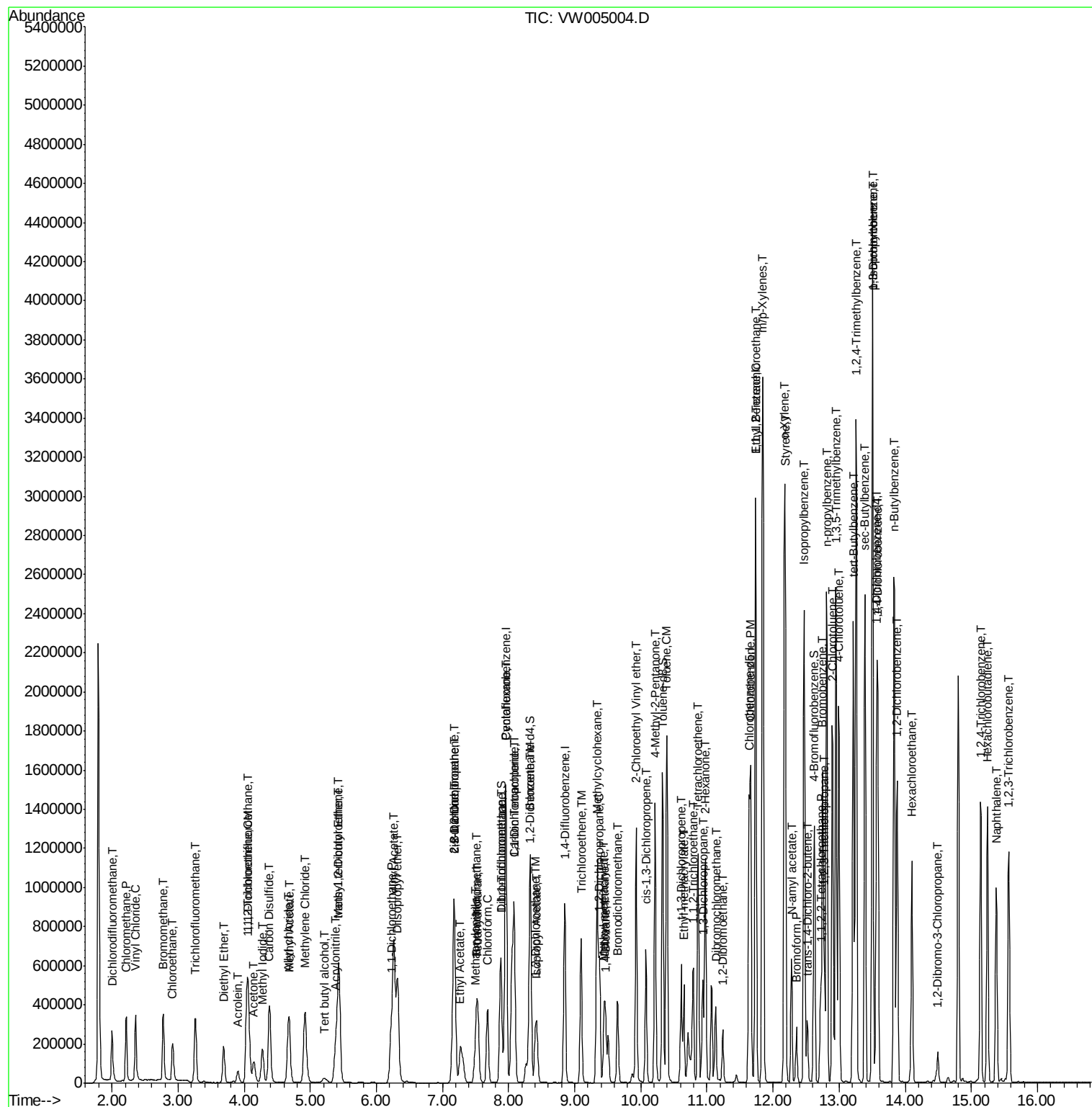
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082918\
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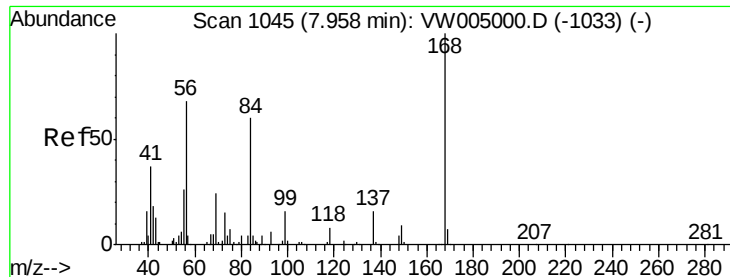
Instrument :
MSVOA_W
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW005004.D

Acq: 29 Aug 2018 15:19

Instrument :

MSVOA_W

ClientSampleId :

ICVW082918

Tot Ion:168 Resp: 577345

Ion Ratio Lower Upper

168 100

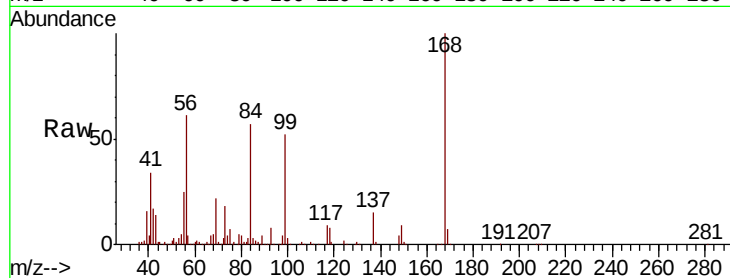
99 51.4 40.2 60.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

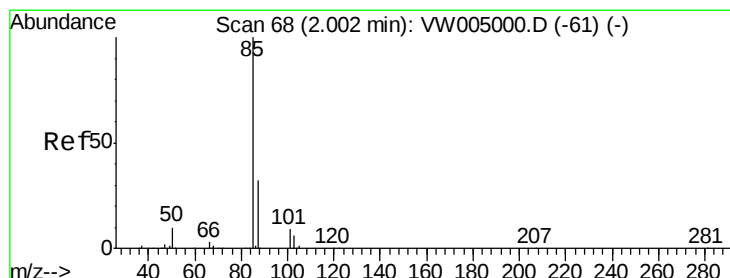
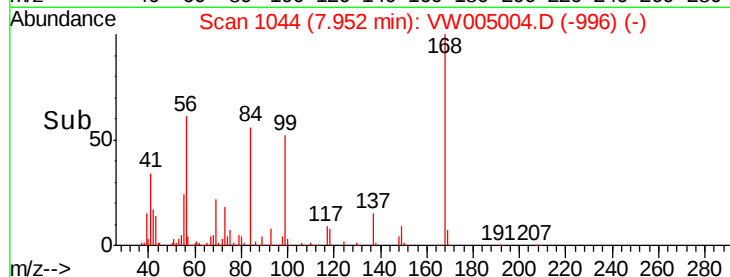
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 45.301 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW005004.D

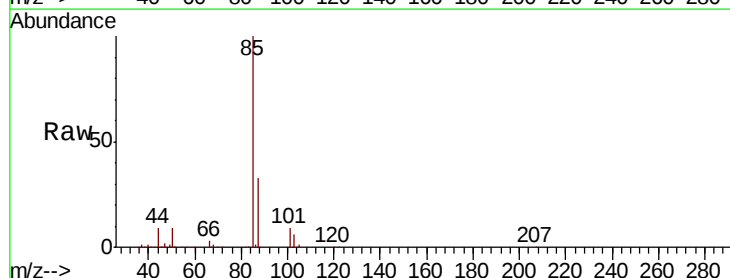
Acq: 29 Aug 2018 15:19

Tgt Ion: 85 Resp: 225947

Ion Ratio Lower Upper

85 100

87 32.7 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

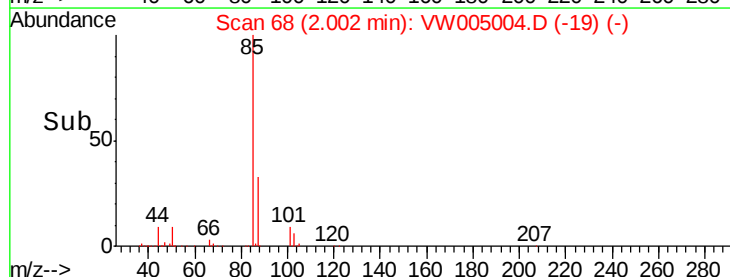
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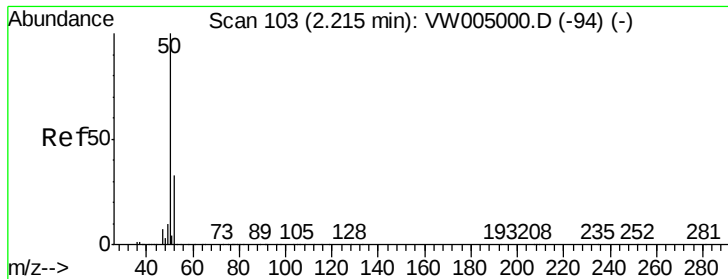
100000

50000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 46.386 ug/l

RT: 2.22 min Scan# 103

Delta R.T. -0.00 min

Lab File: VW005004.D

Acq: 29 Aug 2018 15:19

Instrument :

MSVOA_W

ClientSampleId :

ICVW082918

Tot Ion: 50 Resp: 328581

Ion Ratio Lower Upper

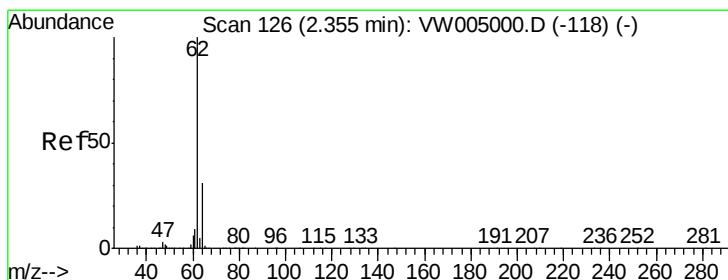
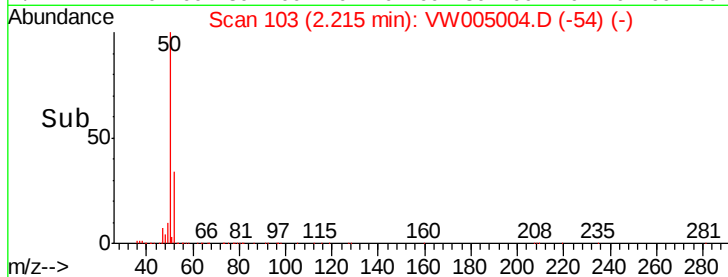
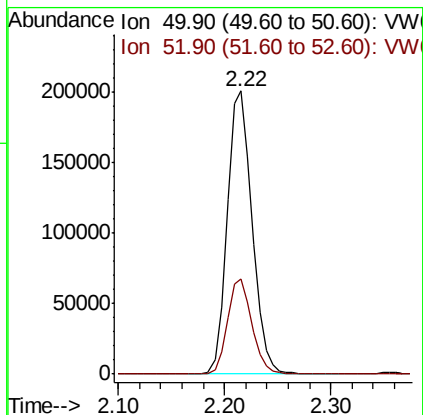
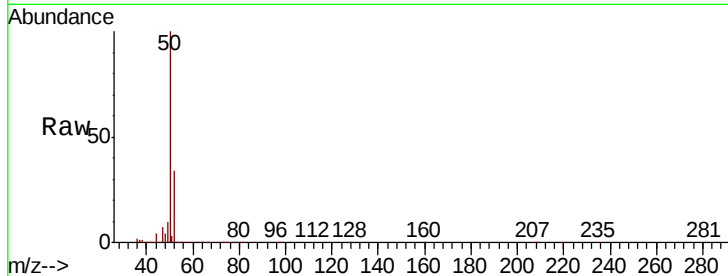
50 100

52 33.7 26.1 39.1

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#4

Vinyl Chloride

Concen: 46.785 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW005004.D

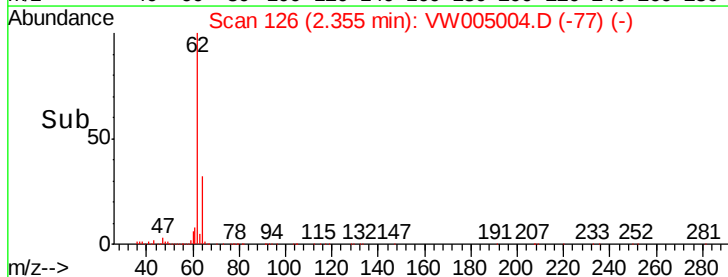
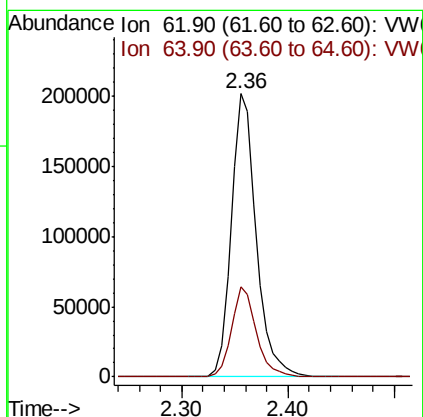
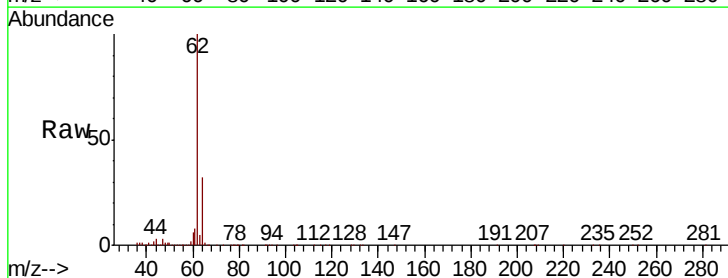
Acq: 29 Aug 2018 15:19

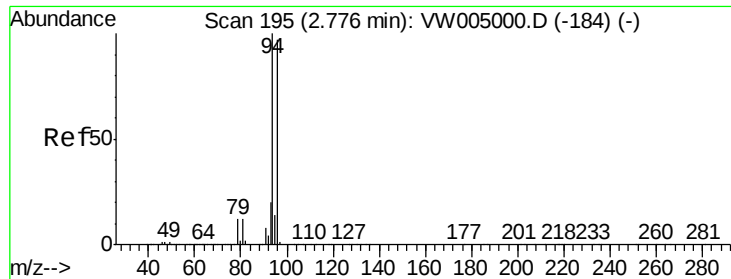
Tgt Ion: 62 Resp: 330803

Ion Ratio Lower Upper

62 100

64 31.9 24.8 37.2





#5

Bromomethane

Concen: 46.313 ug/l

RT: 2.78 min Scan# 195

Delta R.T. 0.00 min

Lab File: VW005004.D

Acq: 29 Aug 2018 15:19

Instrument :

MSVOA_W

ClientSampleId :

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Tot Ion: 94 Resp: 214053

Ion Ratio Lower Upper

94 100

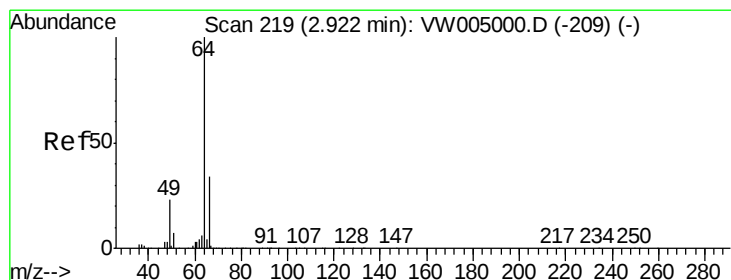
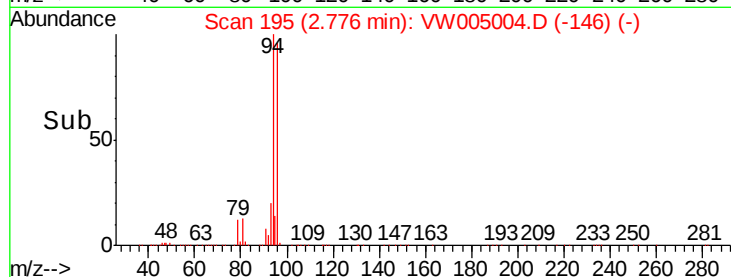
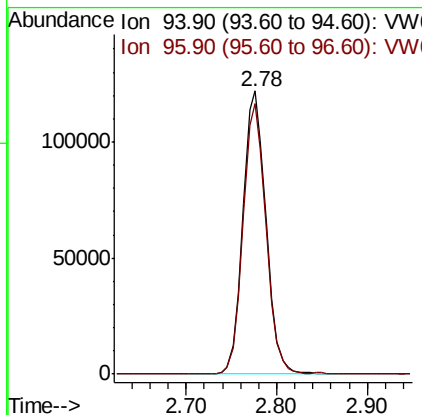
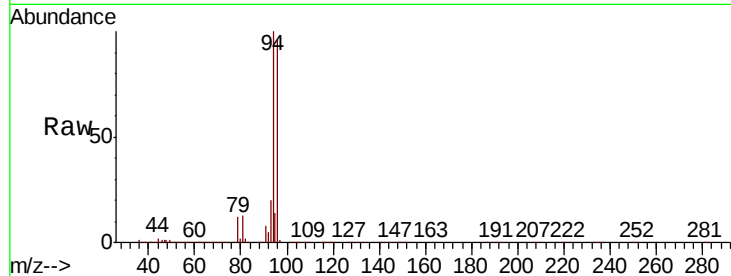
96 95.5 77.5 116.3

Manual Integrations

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#6

Chloroethane

Concen: 47.184 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW005004.D

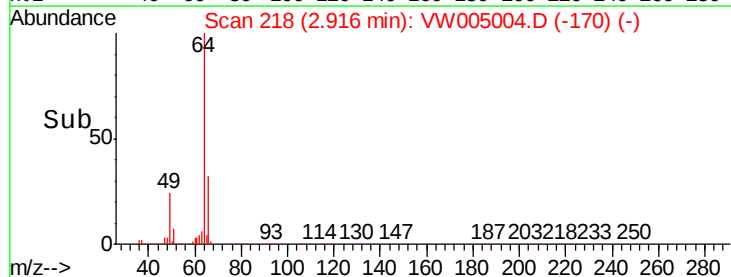
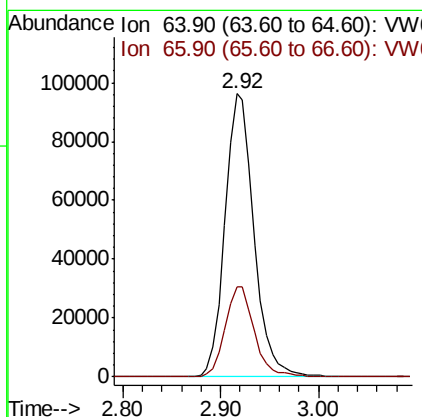
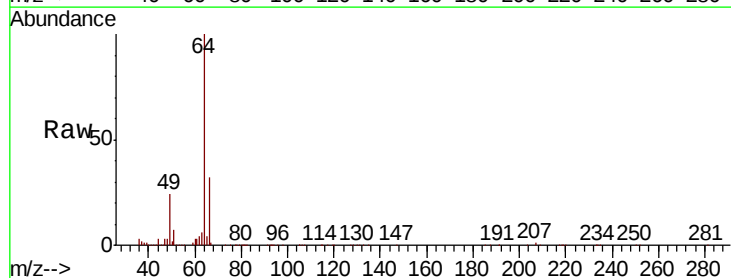
Acq: 29 Aug 2018 15:19

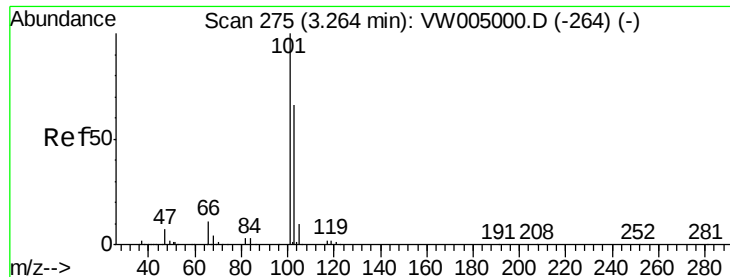
Tgt Ion: 64 Resp: 197285

Ion Ratio Lower Upper

64 100

66 31.5 26.8 40.2





#7

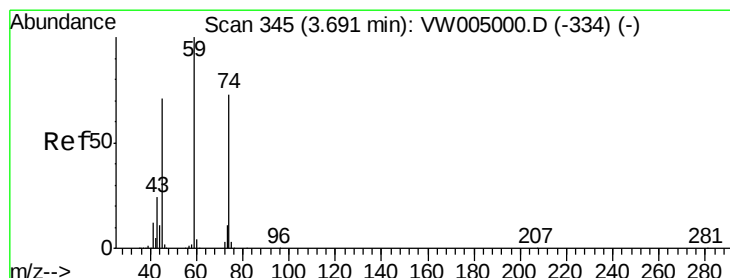
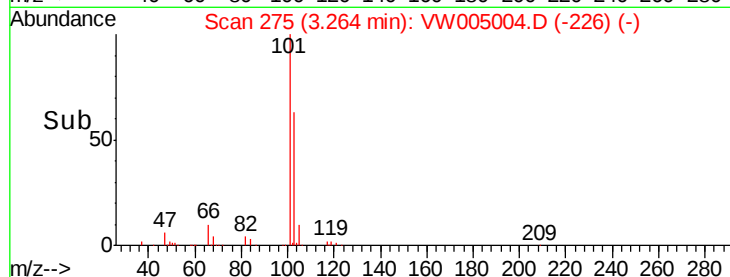
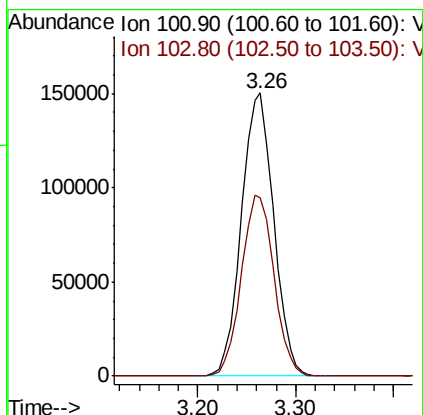
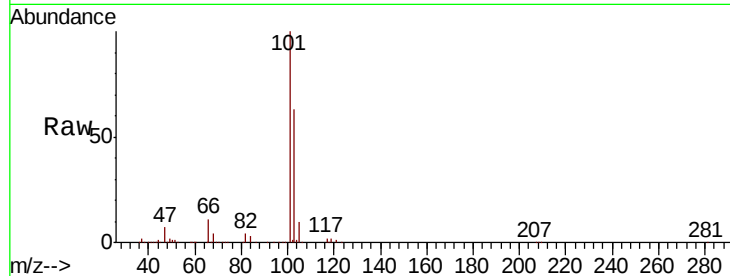
Trichlorofluoromethane
 Concen: 47.102 ug/l
 RT: 3.26 min Scan# 275
 Delta R.T. 0.00 min
 Lab File: VW005004.D
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
344356	101	100			
	103	63.1	52.6	78.8	

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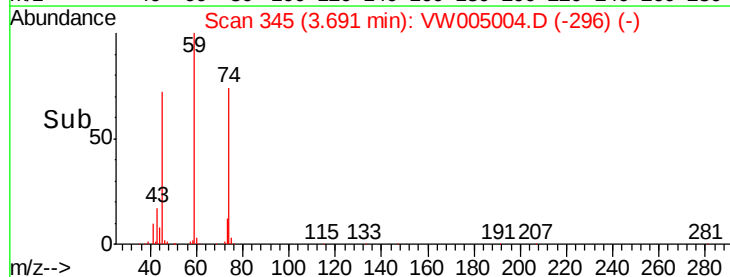
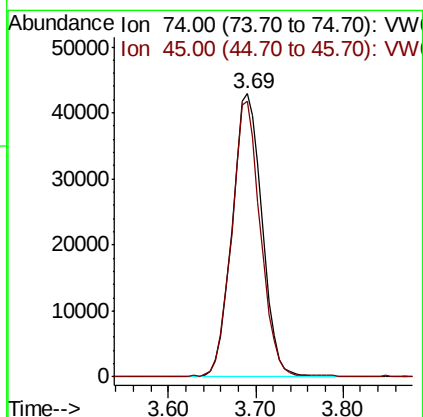
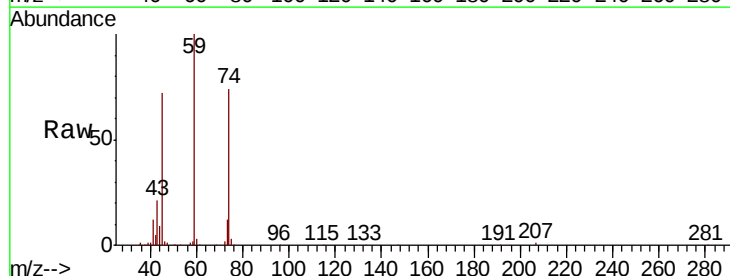
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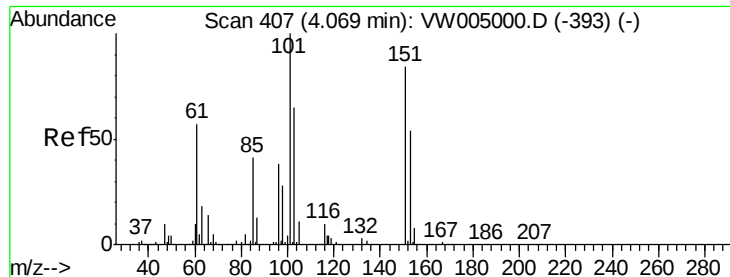


#8

Diethyl Ether
 Concen: 48.862 ug/l
 RT: 3.69 min Scan# 345
 Delta R.T. 0.00 min
 Lab File: VW005004.D
 Acq: 29 Aug 2018 15:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
101572	74	100			
	45	93.5	47.8	143.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.012 ug/l

RT: 4.06 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW005004.D

Acq: 29 Aug 2018 15:19

Instrument :

MSVOA_W

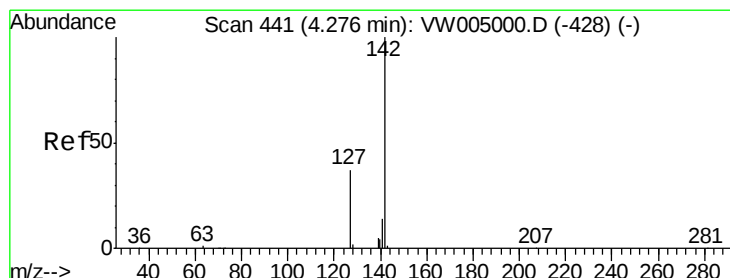
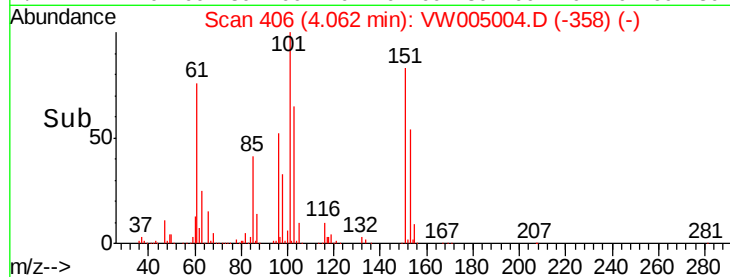
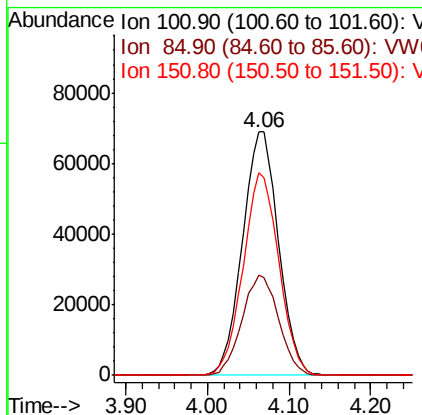
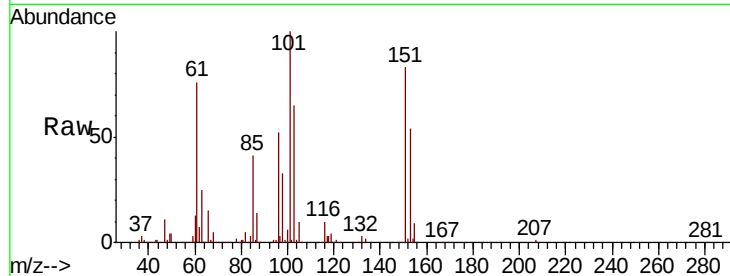
ClientSampleId :

ICVW082918

Tot Ion:	101	Resp:	212137
Ion Ratio	Lower	Upper	
101	100		
85	41.5	33.4	50.0
151	82.6	67.0	100.4

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#10

Methyl Iodide

Concen: 44.049 ug/l

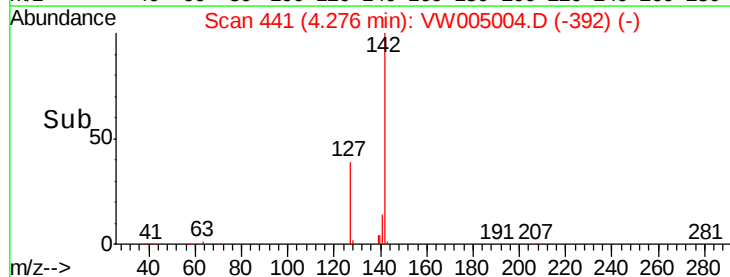
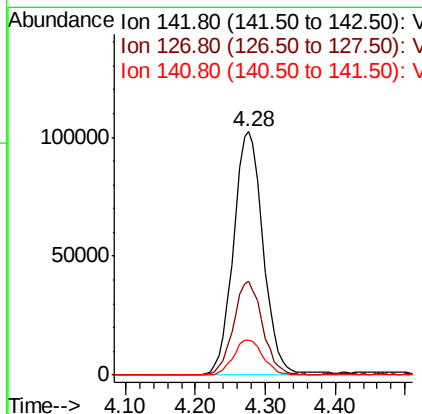
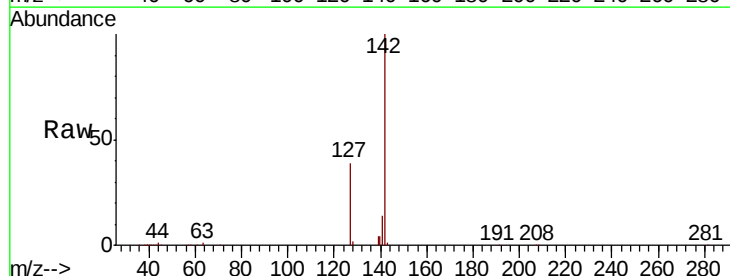
RT: 4.28 min Scan# 441

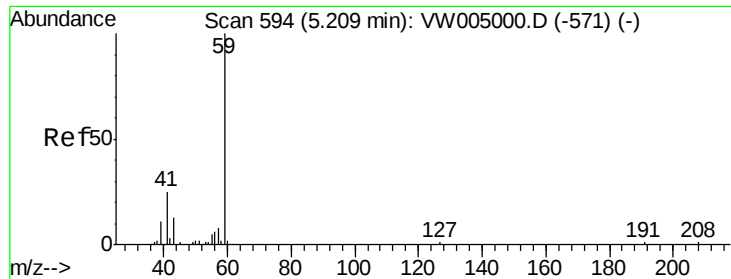
Delta R.T. 0.00 min

Lab File: VW005004.D

Acq: 29 Aug 2018 15:19

Tgt Ion:	142	Resp:	303509
Ion Ratio	Lower	Upper	
142	100		
127	37.7	31.1	46.7
141	14.3	11.4	17.2





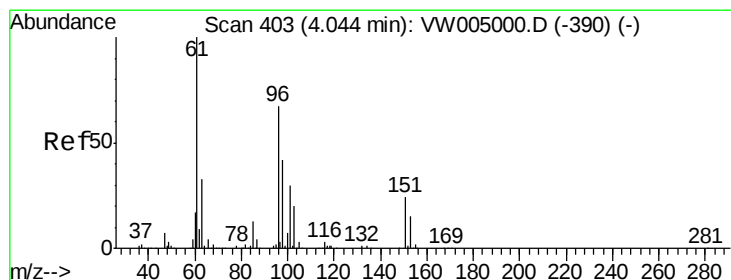
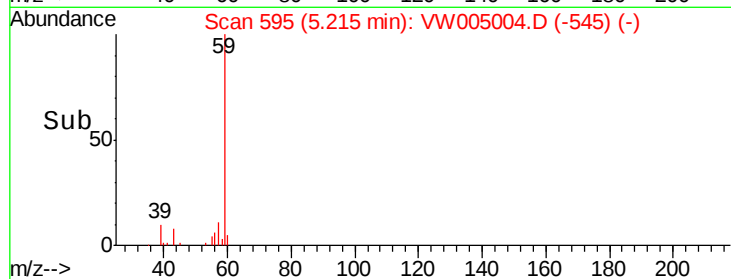
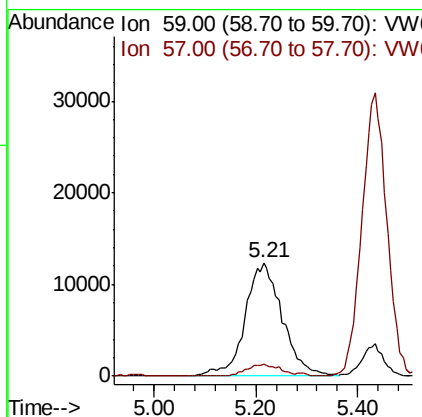
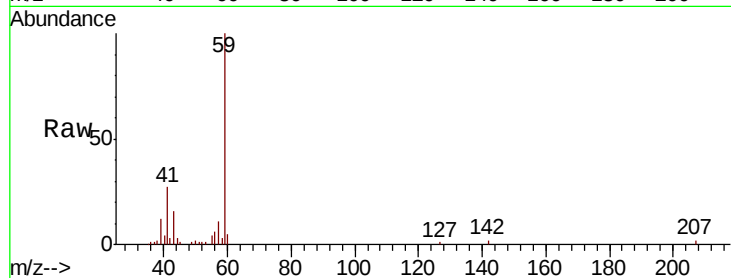
#11
Tert butyl alcohol
Concen: 218.312 ug/l
RT: 5.21 min Scan# 595
Delta R.T. 0.01 min
Lab File: VW005004.D
Acq: 29 Aug 2018 15:19

Instrument :
MSVOA_W
ClientSampleId :
ICVW082918

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	62471		
57	57	9.3		8.1	12.1

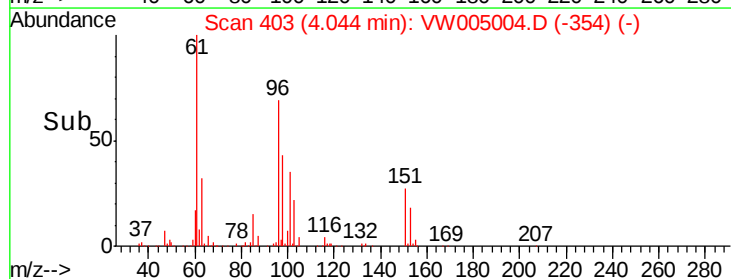
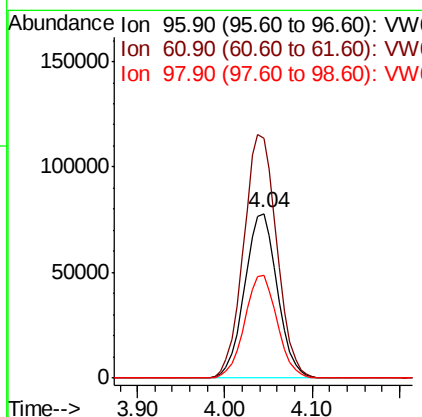
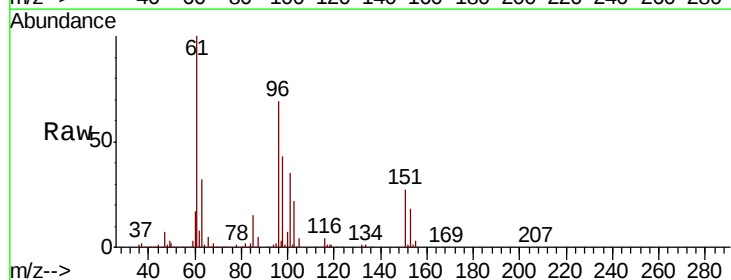
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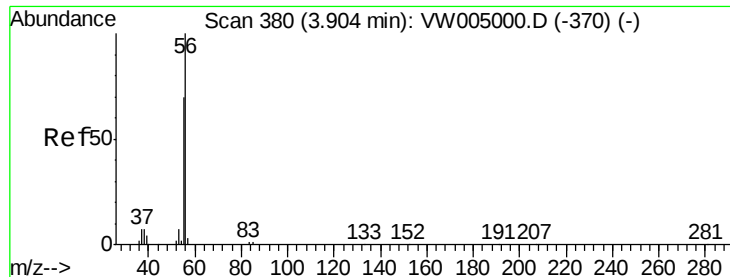
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#12
1,1-Dichloroethene
Concen: 48.129 ug/l
RT: 4.04 min Scan# 403
Delta R.T. -0.00 min
Lab File: VW005004.D
Acq: 29 Aug 2018 15:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	202905		
61	61	145.6		119.5	179.3
98	98	62.7		50.4	75.6





#13

Acrolein

Concen: 222.032 ug/l

RT: 3.91 min Scan# 381

Delta R.T. 0.01 min

Lab File: VW005004.D

Acq: 29 Aug 2018 15:19

Instrument :

MSVOA_W

ClientSampleId :

ICVW082918

Tot Ion: 56 Resp: 74771

Ion Ratio Lower Upper

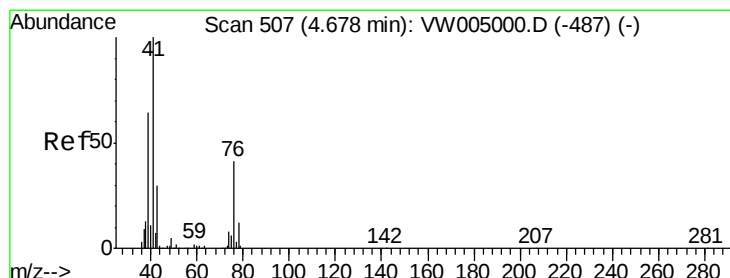
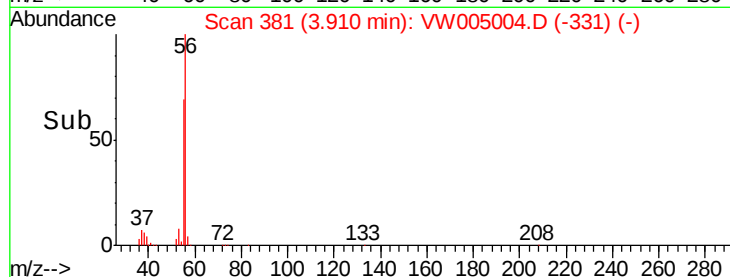
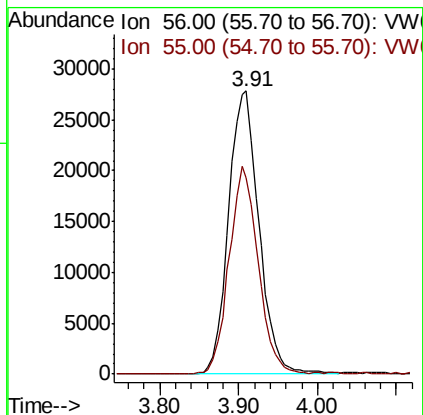
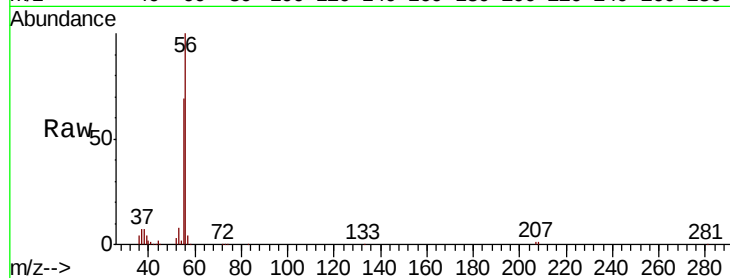
56 100

55 70.2 56.4 84.6

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#14

Allyl chloride

Concen: 49.966 ug/l

RT: 4.67 min Scan# 506

Delta R.T. -0.01 min

Lab File: VW005004.D

Acq: 29 Aug 2018 15:19

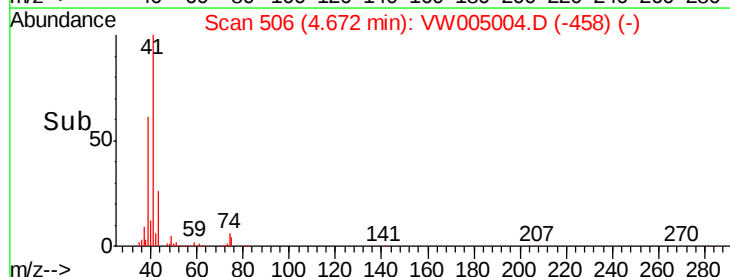
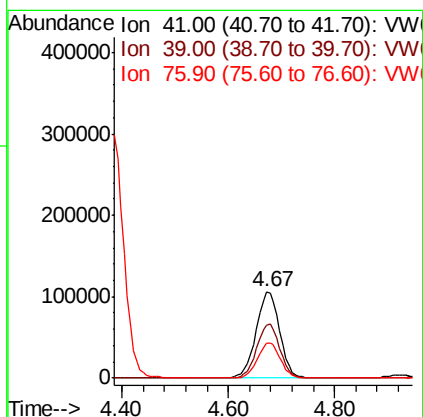
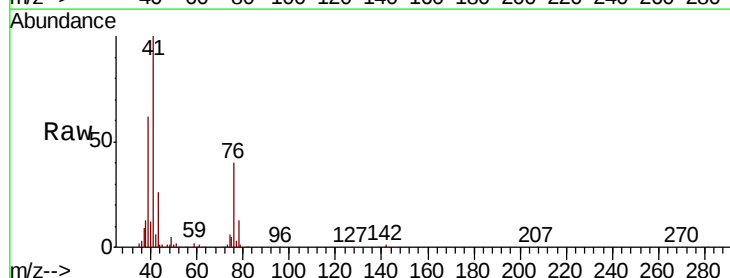
Tgt Ion: 41 Resp: 324369

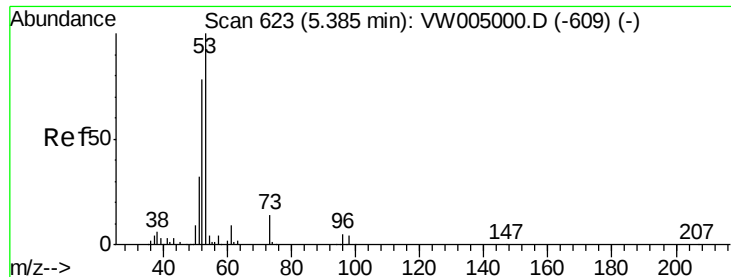
Ion Ratio Lower Upper

41 100

39 61.2 49.4 74.2

76 38.5 31.4 47.2





#15

Acrylonitrile

Concen: 242.477 ug/l

RT: 5.38 min Scan# 622

Delta R.T. -0.01 min

Lab File: VW005004.D

Acq: 29 Aug 2018 15:19

Instrument :

MSVOA_W

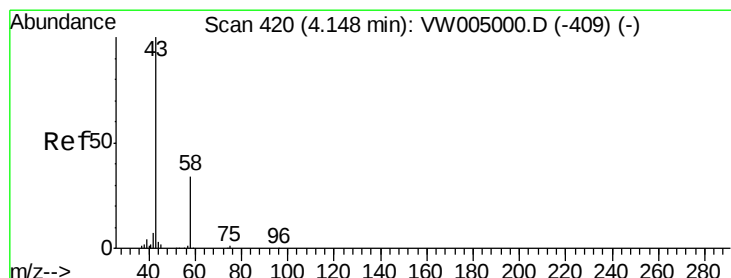
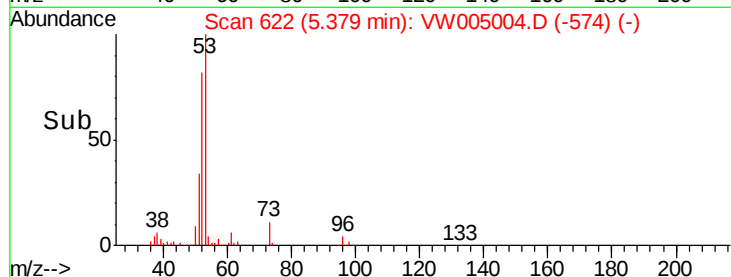
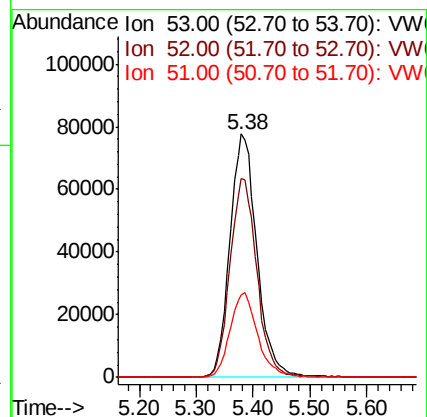
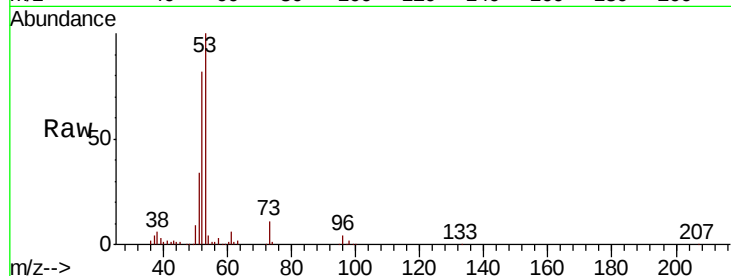
ClientSampleId :

ICVW082918

Tot Ion:	53	Resp:	257048
Ion Ratio	Lower	Upper	
53	100		
52	81.1	65.0	97.6
51	35.6	28.6	43.0

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#16

Acetone

Concen: 225.774 ug/l

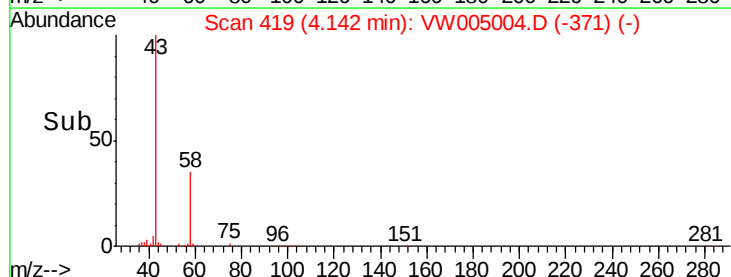
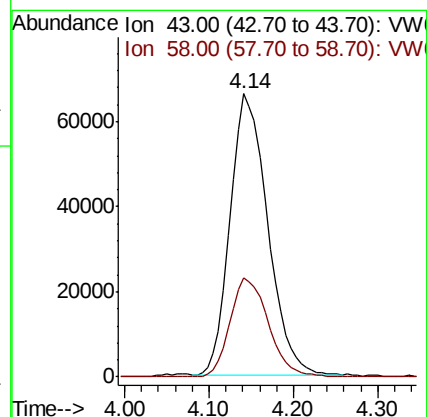
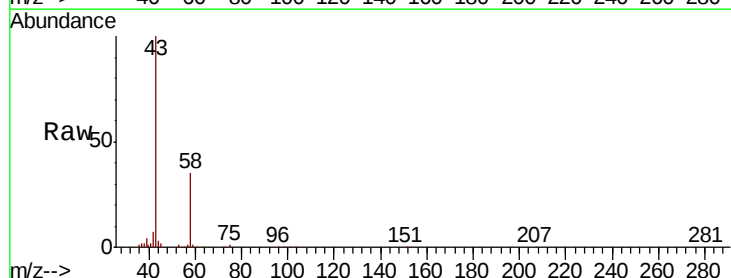
RT: 4.14 min Scan# 419

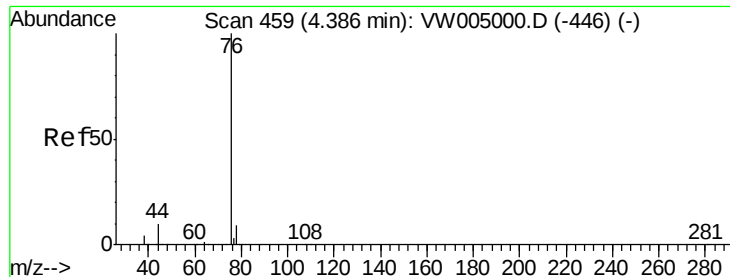
Delta R.T. -0.01 min

Lab File: VW005004.D

Acq: 29 Aug 2018 15:19

Tgt Ion:	43	Resp:	201076
Ion Ratio	Lower	Upper	
43	100		
58	35.0	27.2	40.8





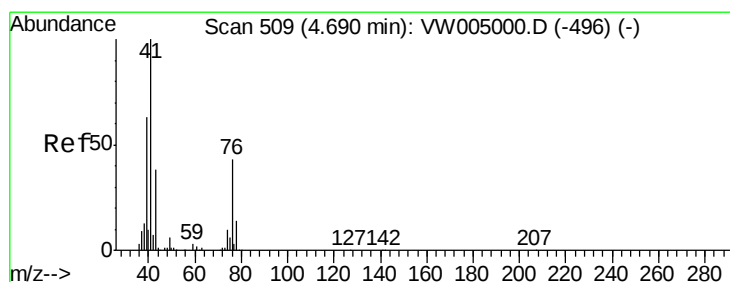
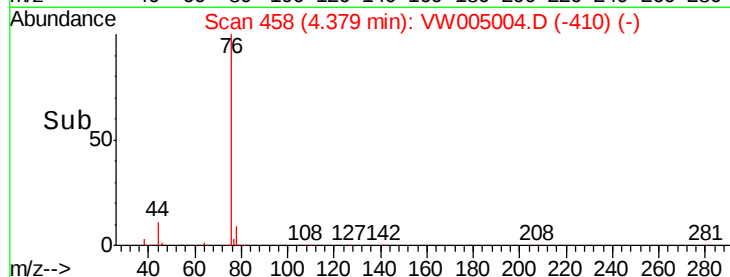
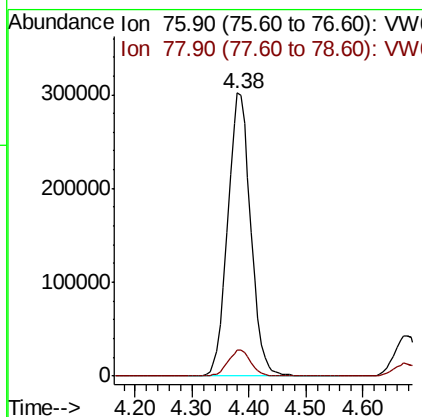
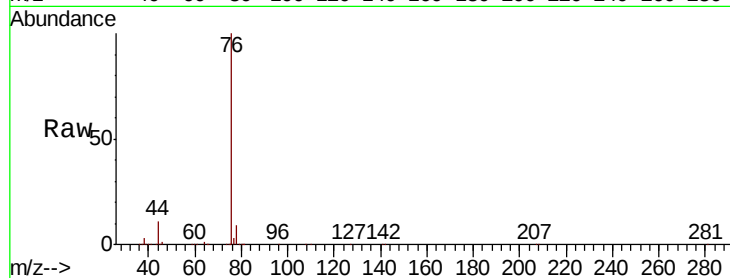
#17
Carbon Disulfide
Concen: 47.905 ug/l
RT: 4.38 min Scan# 458
Delta R.T. -0.01 min
Lab File: VW005004.D
Acq: 29 Aug 2018 15:19

Instrument :
MSVOA_W
ClientSampleId :
ICVW082918

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.4	11.2

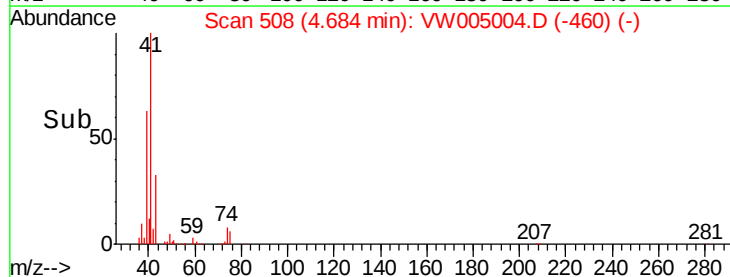
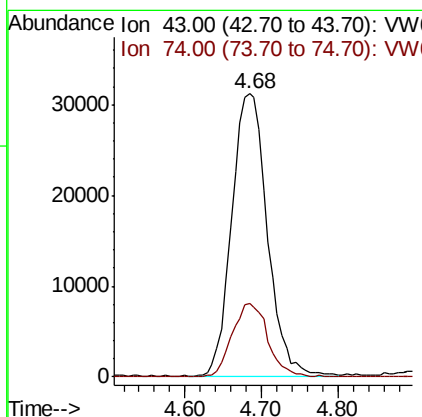
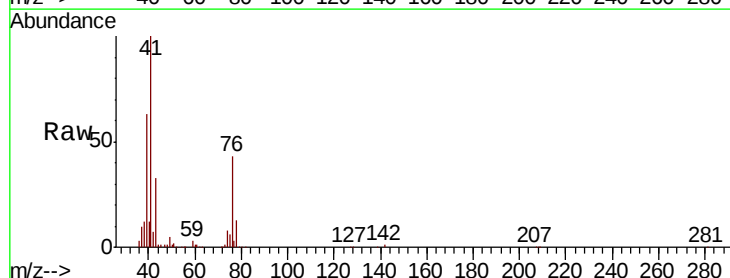
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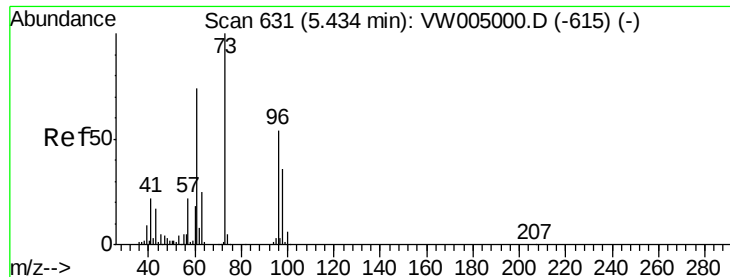
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#18
Methyl Acetate
Concen: 46.476 ug/l
RT: 4.68 min Scan# 508
Delta R.T. -0.01 min
Lab File: VW005004.D
Acq: 29 Aug 2018 15:19

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.1	20.3	30.5





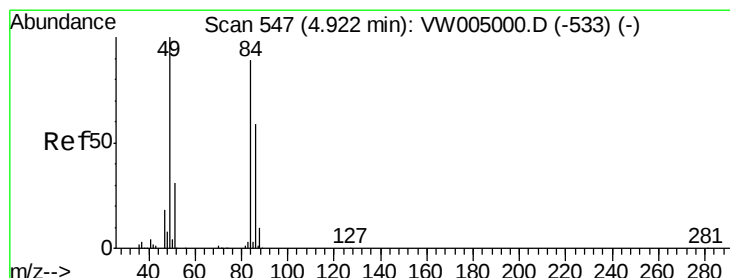
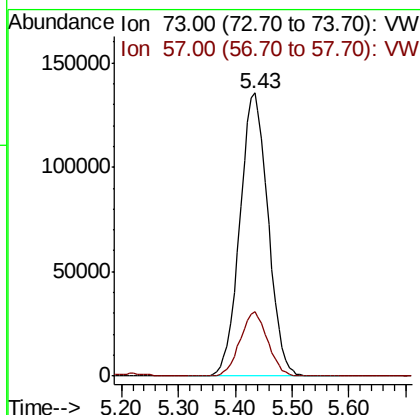
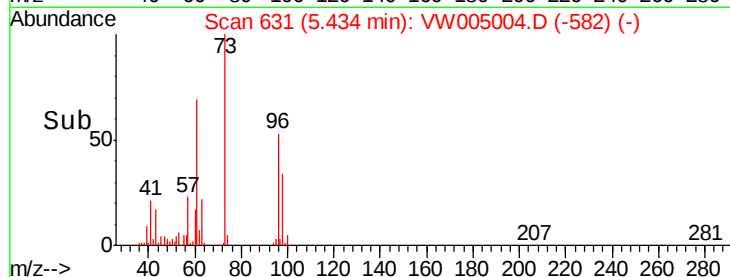
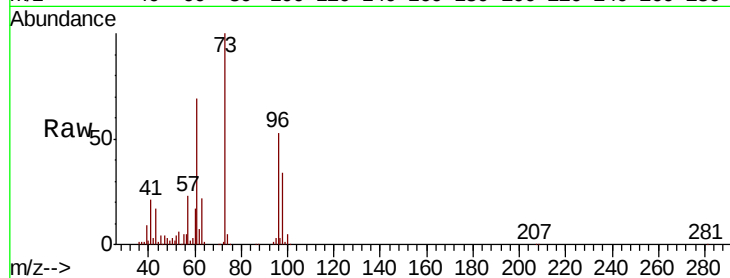
#19
Methvl tert-butvl Ether
Concen: 51.598 ug/l
RT: 5.43 min Scan# 631
Delta R.T. -0.00 min
Lab File: VW005004.D
Acq: 29 Aug 2018 15:19

Instrument :
MSVOA_W
ClientSampleId :
ICVW082918

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.8	17.6	26.4

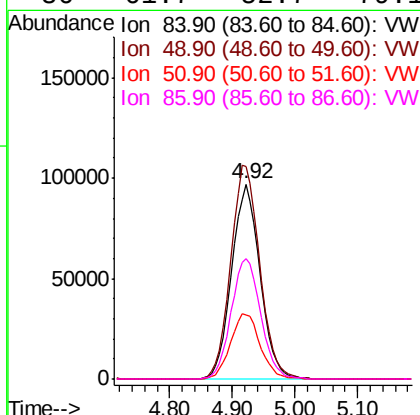
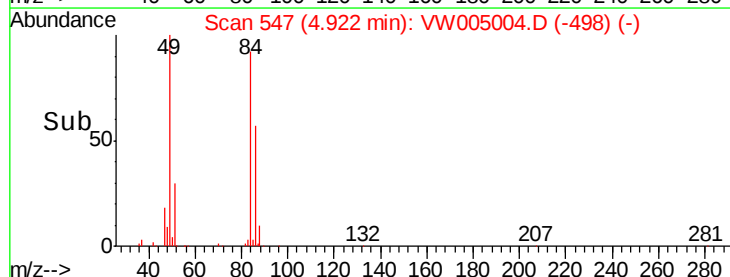
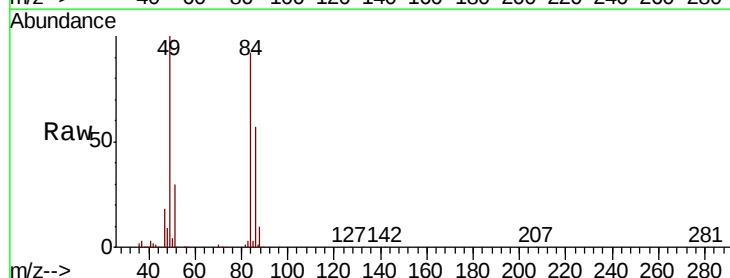
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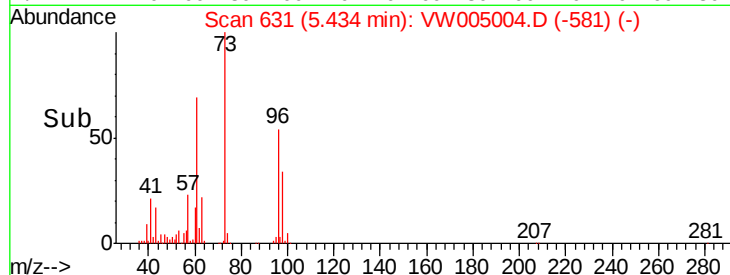
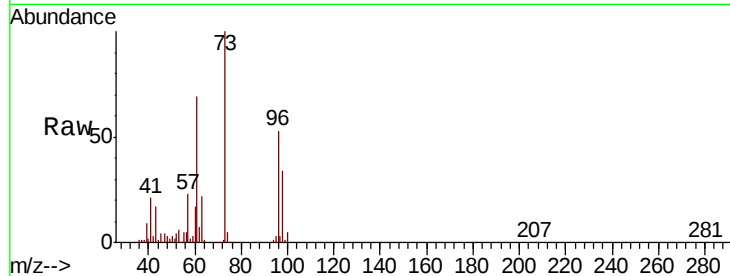
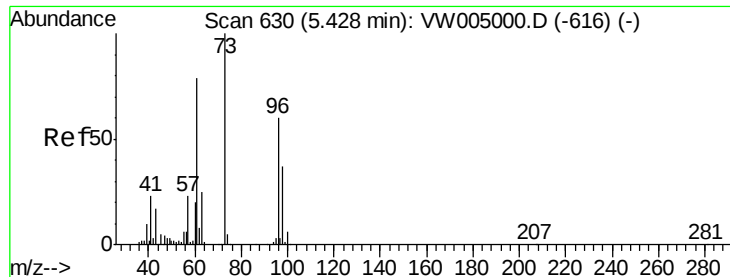
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#20
Methylene Chloride
Concen: 48.073 ug/l
RT: 4.92 min Scan# 547
Delta R.T. 0.00 min
Lab File: VW005004.D
Acq: 29 Aug 2018 15:19

Tgt Ion	Ratio	Lower	Upper
84	100		
49	109.0	89.7	134.5
51	32.9	27.5	41.3
86	61.7	52.7	79.1





#21

trans-1,2-Dichloroethene

Concen: 47.675 ug/l

RT: 5.43 min Scan# 631

Delta R.T. 0.01 min

Lab File: VW005004.D

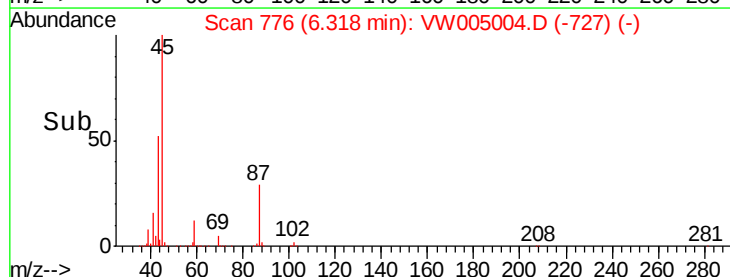
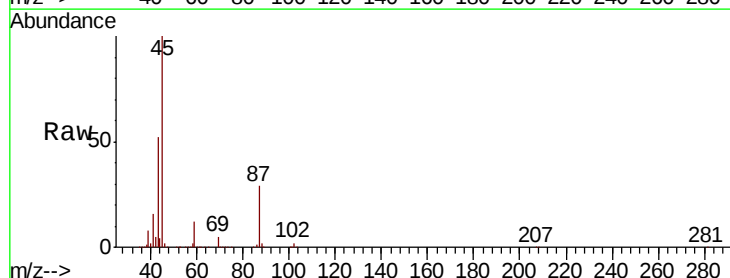
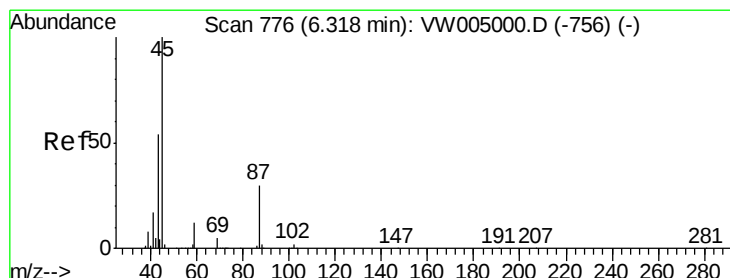
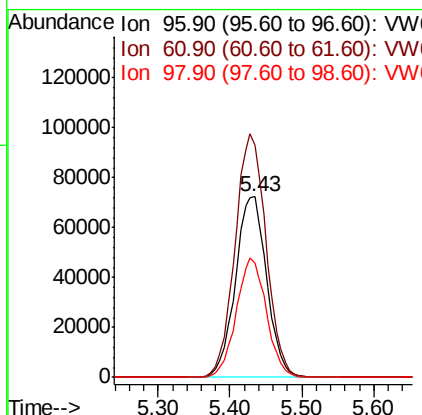
Acq: 29 Aug 2018 15:19

Tot Ion:	96	Resp:	218236
Ion	Ratio	Lower	Upper
96	100		
61	128.2	106.2	159.2
98	63.6	49.5	74.3

Instrument :
MSVOA_W
ClientSampleId :
ICVW082918

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#22

Diisopropyl ether

Concen: 53.058 ug/l

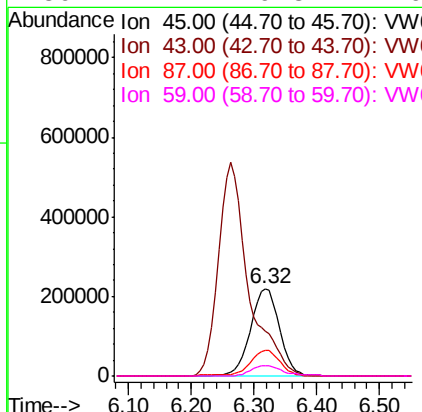
RT: 6.32 min Scan# 776

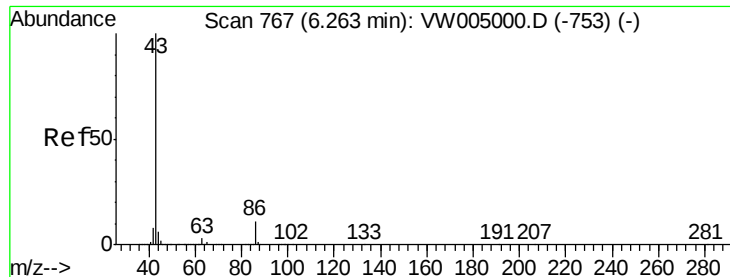
Delta R.T. -0.00 min

Lab File: VW005004.D

Acq: 29 Aug 2018 15:19

Tgt Ion:	45	Resp:	703133
Ion	Ratio	Lower	Upper
45	100		
43	51.4	43.5	65.3
87	28.8	23.8	35.8
59	12.1	9.8	14.6





#23

Vinyl Acetate

Concen: 264.591 ug/l

RT: 6.26 min Scan# 767

Delta R.T. -0.00 min

Lab File: VW005004.D

Acq: 29 Aug 2018 15:19

Instrument :

MSVOA_W

ClientSampleId :

ICVW082918

Tot Ion: 43 Resp: 1792704

Ion Ratio Lower Upper

43 100

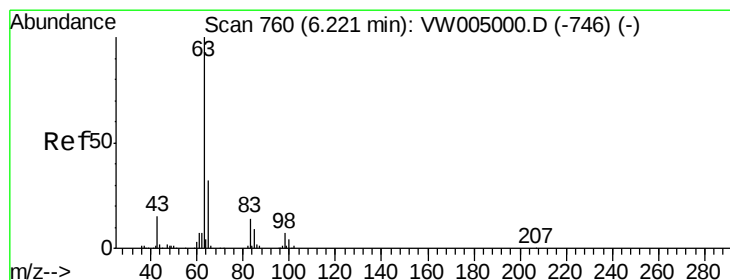
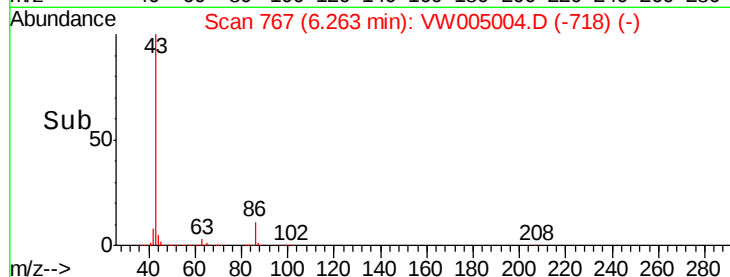
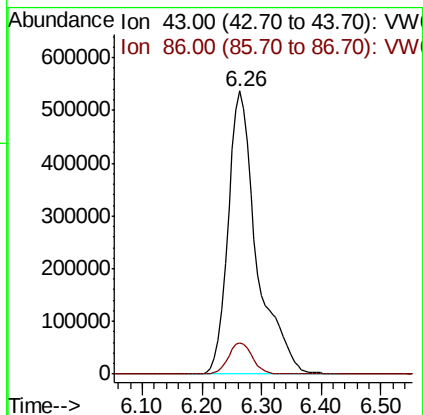
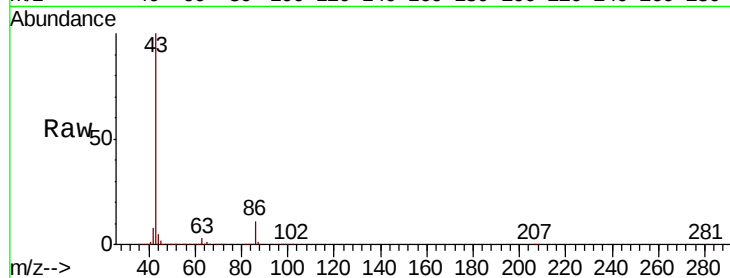
86 11.2 9.0 13.6

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#24

1,1-Dichloroethane

Concen: 47.703 ug/l

RT: 6.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VW005004.D

Acq: 29 Aug 2018 15:19

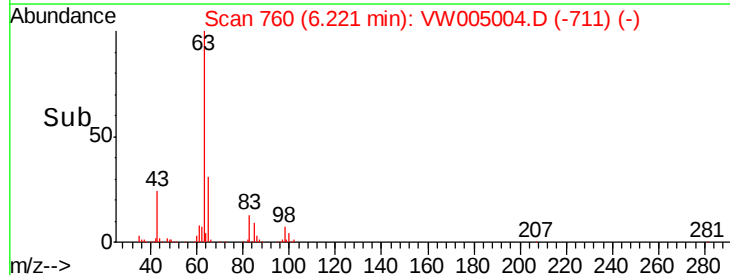
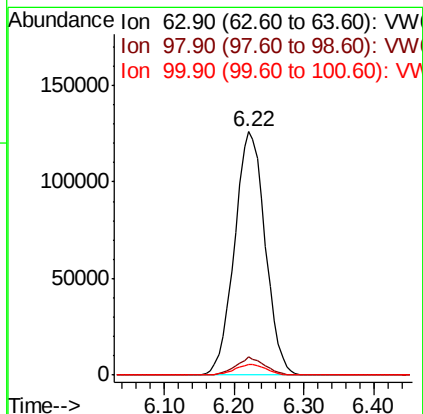
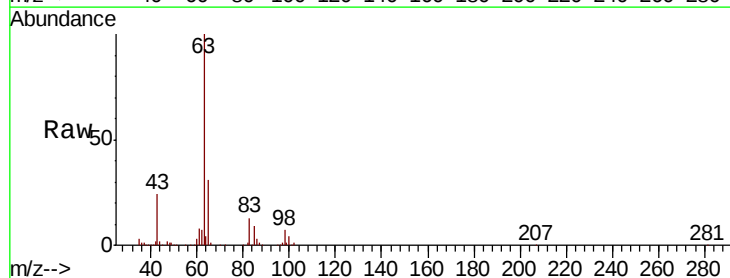
Tgt Ion: 63 Resp: 382487

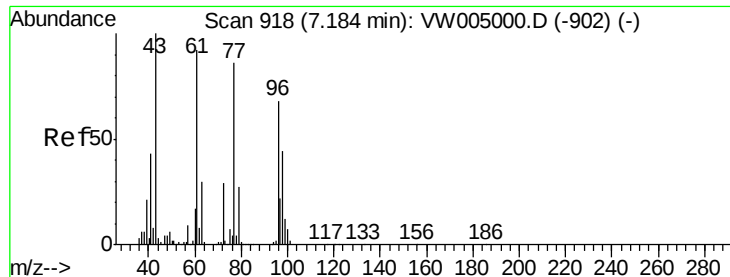
Ion Ratio Lower Upper

63 100

98 7.4 3.4 10.2

100 4.4 2.2 6.6





#25

2-Butanone

Concen: 246.393 ug/l

RT: 7.18 min Scan# 918

Delta R.T. -0.00 min

Lab File: VW005004.D

Acq: 29 Aug 2018 15:19

Instrument :

MSVOA_W

ClientSampleId :

ICVW082918

Tot Ion: 43 Resp: 342198

Ion Ratio Lower Upper

43 100

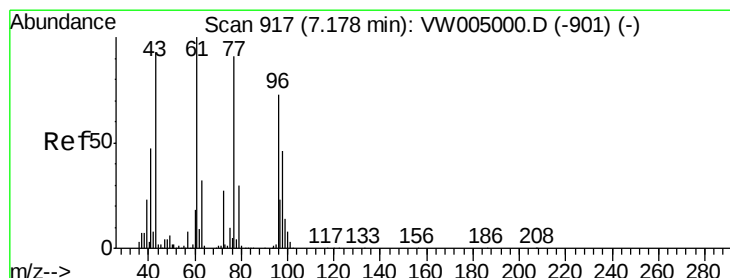
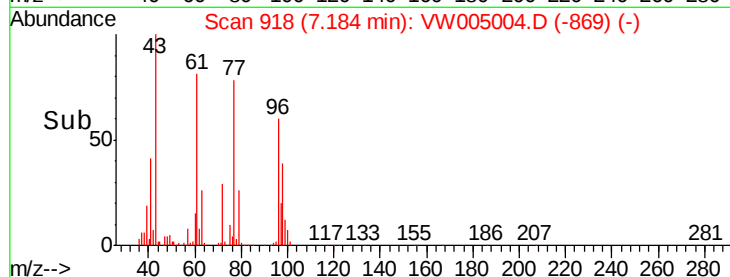
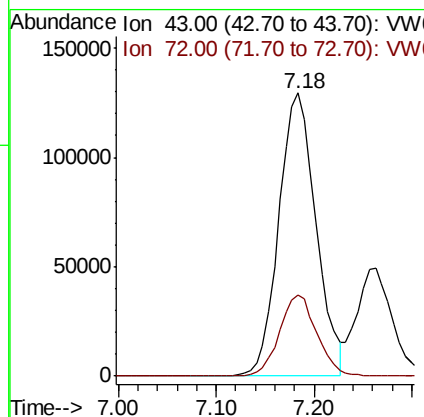
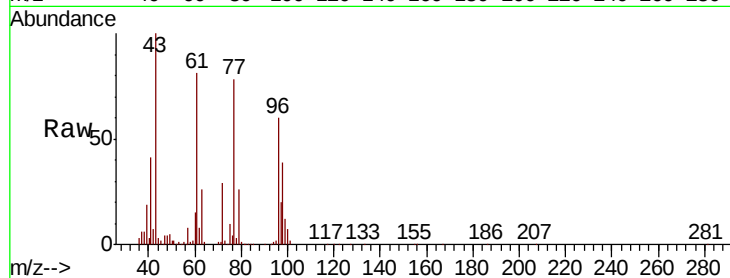
72 28.7 23.4 35.2

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#26

2,2-Dichloropropane

Concen: 49.427 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW005004.D

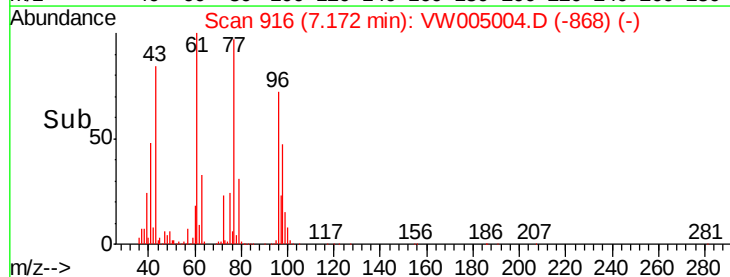
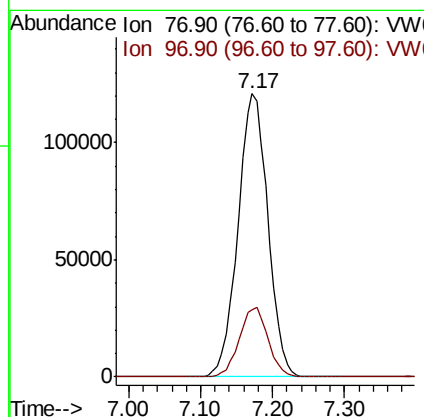
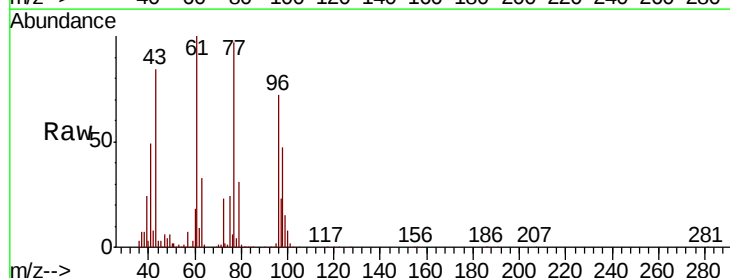
Acq: 29 Aug 2018 15:19

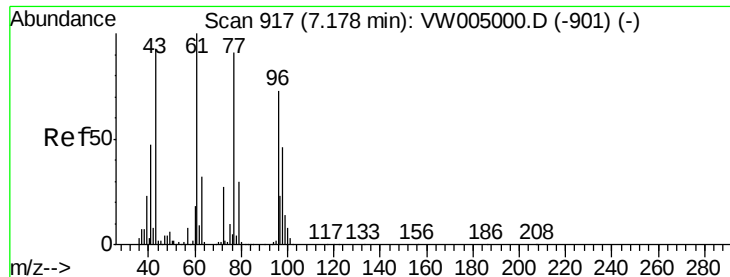
Tgt Ion: 77 Resp: 347852

Ion Ratio Lower Upper

77 100

97 23.7 12.2 36.4





#27

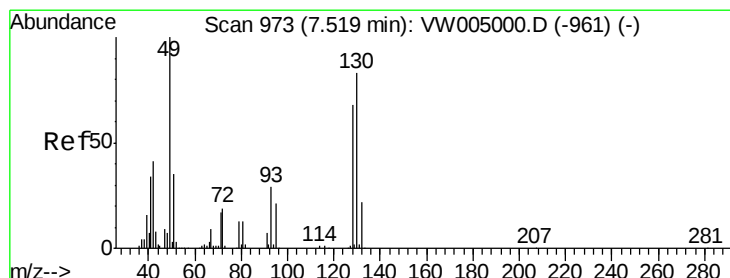
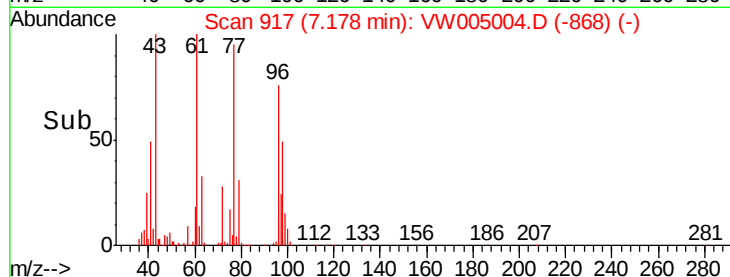
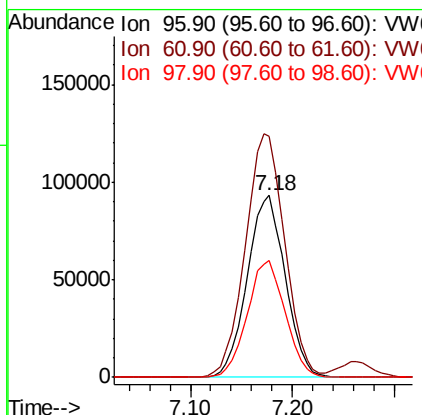
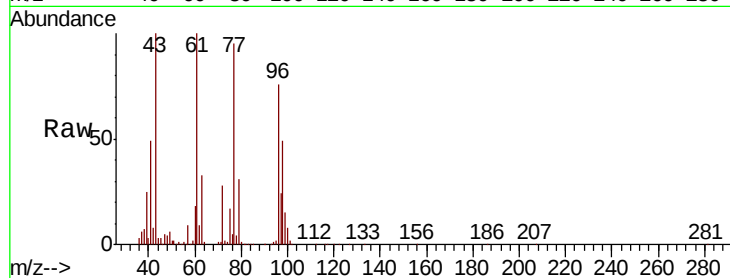
cis-1,2-Dichloroethene
Concen: 48.503 ug/l
RT: 7.18 min Scan# 917
Delta R.T. -0.00 min
Lab File: VW005004.D
Acq: 29 Aug 2018 15:19

Instrument :
MSVOA_W
ClientSampleId :
ICVW082918

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		241532		
61	139.0	0.0	281.6		
98	64.3	0.0	129.0		

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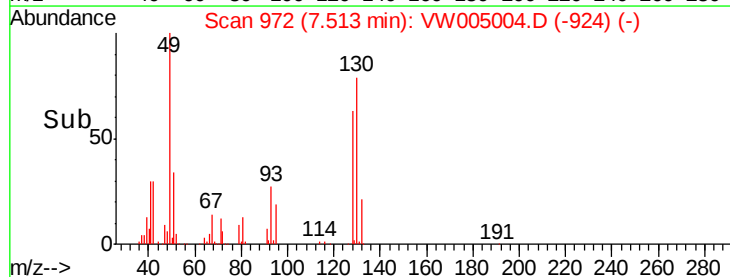
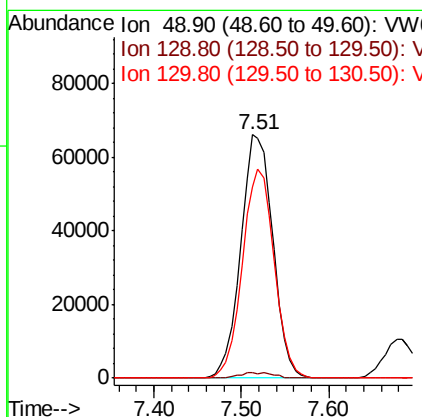
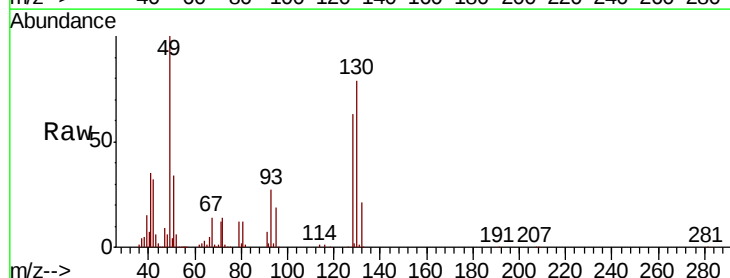
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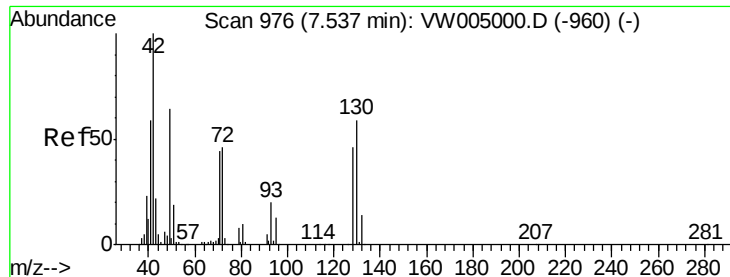


#28

Bromochloromethane
Concen: 47.766 ug/l
RT: 7.51 min Scan# 972
Delta R.T. -0.01 min
Lab File: VW005004.D
Acq: 29 Aug 2018 15:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
49	100		168410		
129	2.3	0.0	4.2		
130	85.0	68.2	102.2		





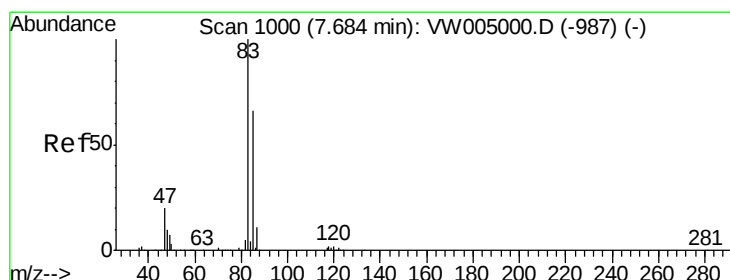
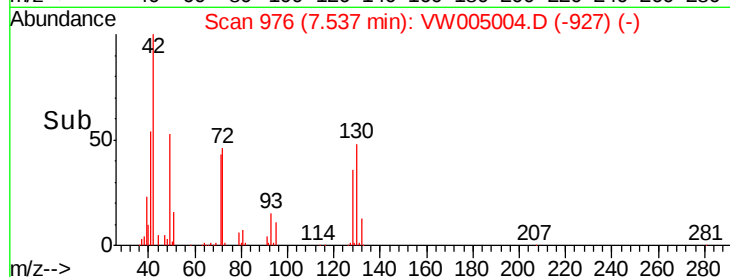
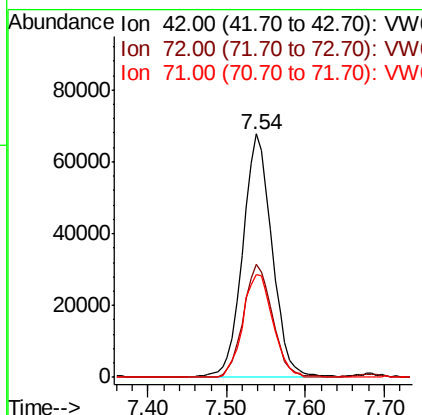
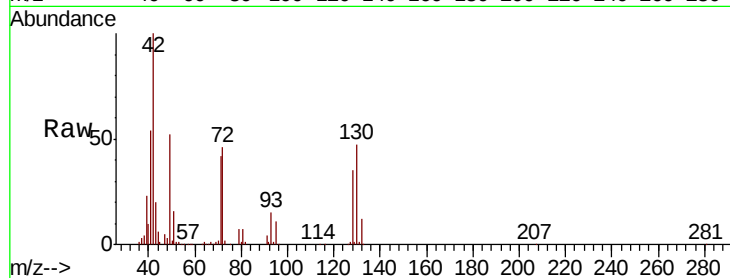
#29
Tetrahydrofuran
Concen: 248.689 ug/l
RT: 7.54 min Scan# 976
Delta R.T. -0.00 min
Lab File: VW005004.D
Acq: 29 Aug 2018 15:19

Instrument :
MSVOA_W
ClientSampleId :
ICVW082918

Tot Ion:	42	Resp:	174477
Ion Ratio		Lower	Upper
42	100		
72	46.2	36.6	55.0
71	43.9	35.4	53.2

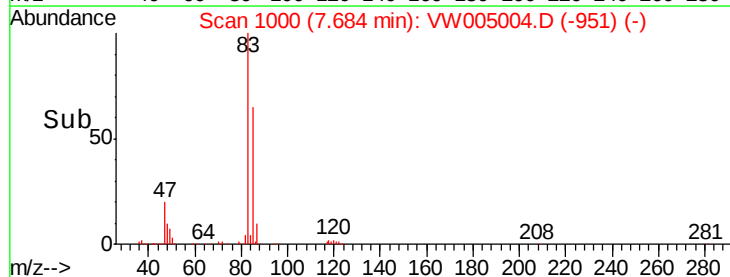
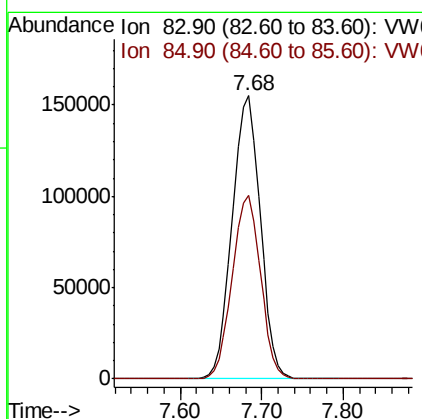
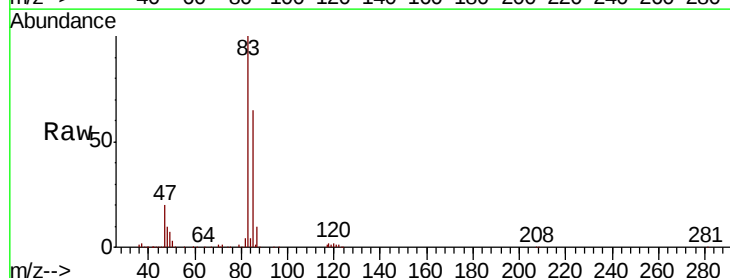
Manual Integrations
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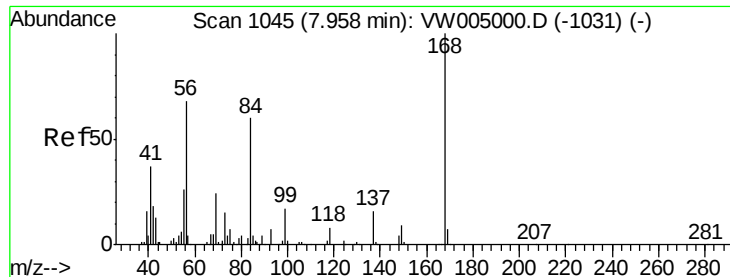
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#30
Chloroform
Concen: 47.000 ug/l
RT: 7.68 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VW005004.D
Acq: 29 Aug 2018 15:19

Tgt Ion:	83	Resp:	370666
Ion Ratio		Lower	Upper
83	100		
85	64.8	52.6	78.8





#31

Cyclohexane

Concen: 51.073 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005004.D

Acq: 29 Aug 2018 15:19

Instrument :

MSVOA_W

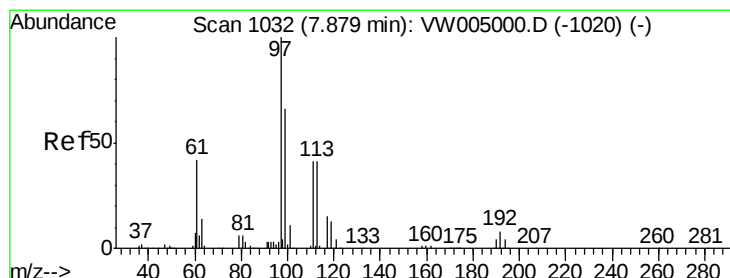
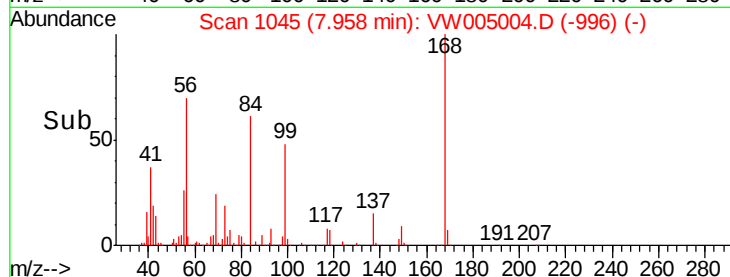
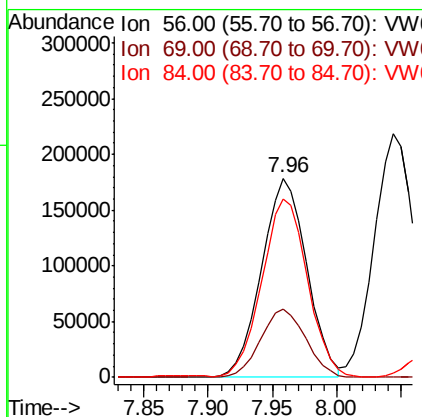
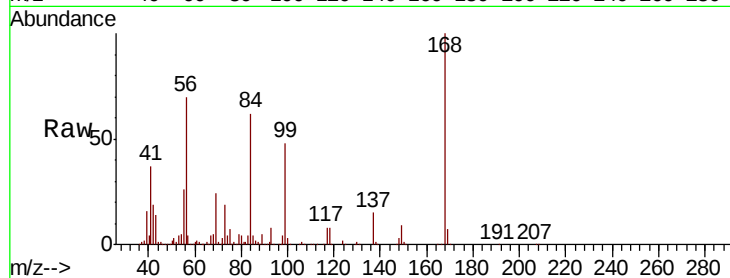
ClientSampleId :

ICVW082918

Tot Ion:	56	Resp:	434021
Ion	Ratio	Lower	Upper
56	100		
69	34.5	27.9	41.9
84	88.4	70.5	105.7

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#32

1,1,1-Trichloroethane

Concen: 49.057 ug/l

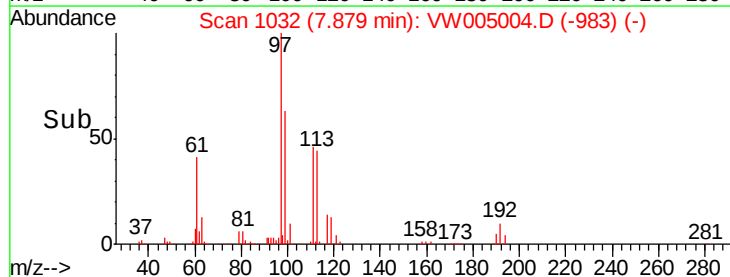
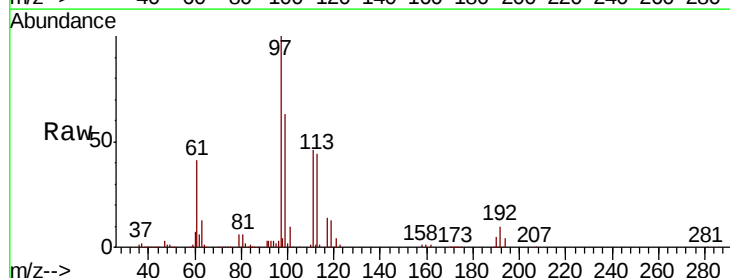
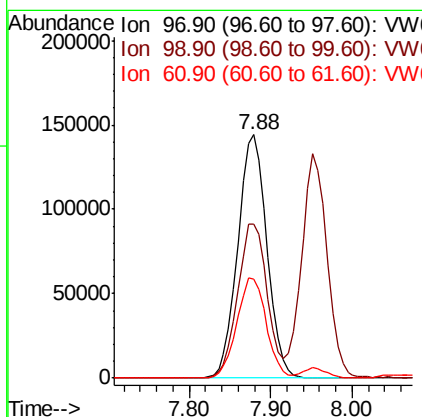
RT: 7.88 min Scan# 1032

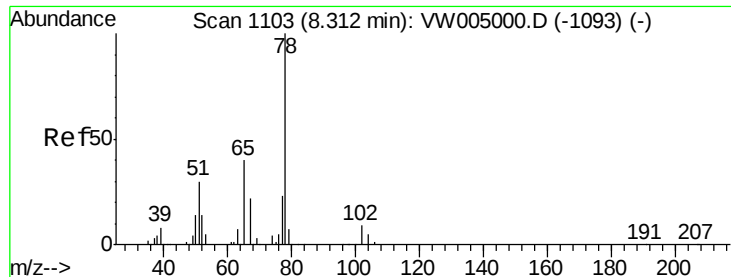
Delta R.T. -0.00 min

Lab File: VW005004.D

Acq: 29 Aug 2018 15:19

Tgt Ion:	97	Resp:	355991
Ion	Ratio	Lower	Upper
97	100		
99	64.5	52.3	78.5
61	41.7	33.2	49.8





#33

1,2-Dichloroethane-d4

Concen: 47.199 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW005004.D

Acq: 29 Aug 2018 15:19

Instrument :

MSVOA_W

ClientSampleId :

ICVW082918

Tot Ion: 65 Resp: 186402

Ion Ratio Lower Upper

65 100

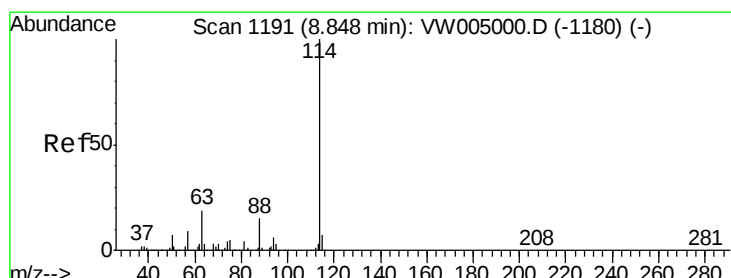
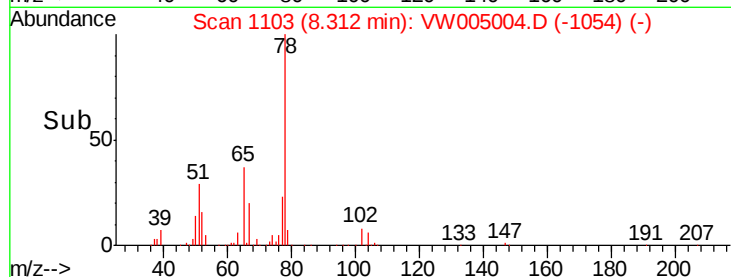
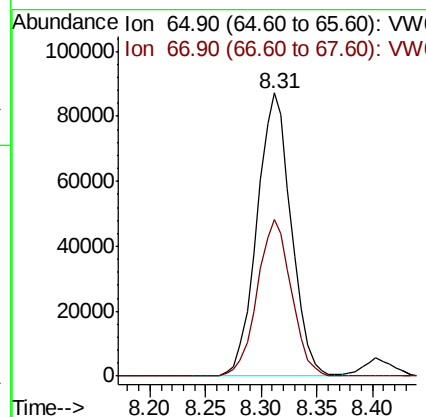
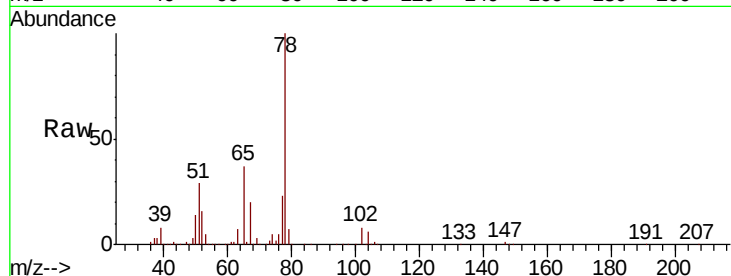
67 55.2 0.0 112.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW005004.D

Acq: 29 Aug 2018 15:19

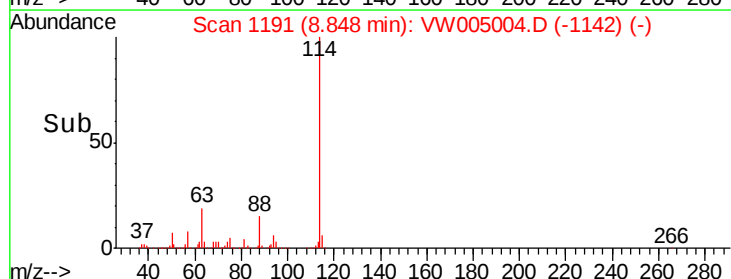
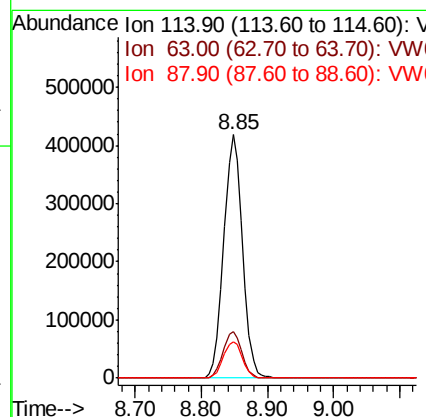
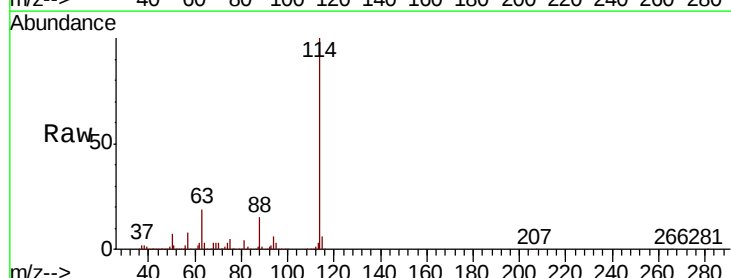
Tgt Ion: 114 Resp: 819226

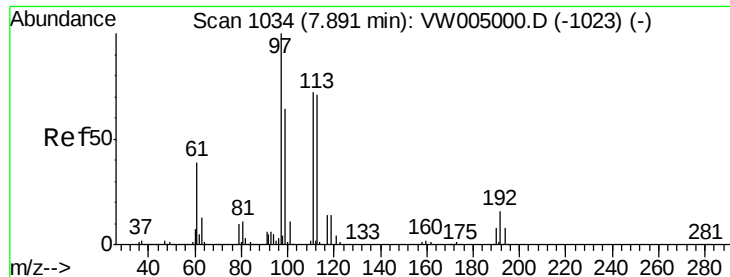
Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.4

88 15.1 0.0 30.6





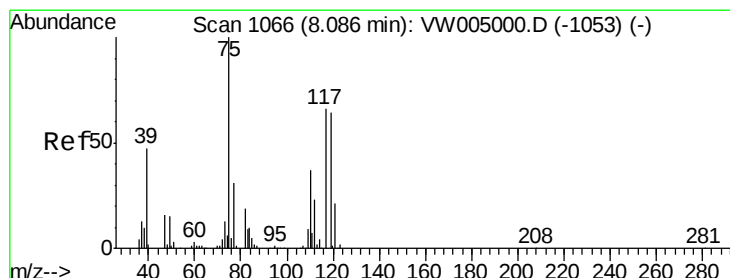
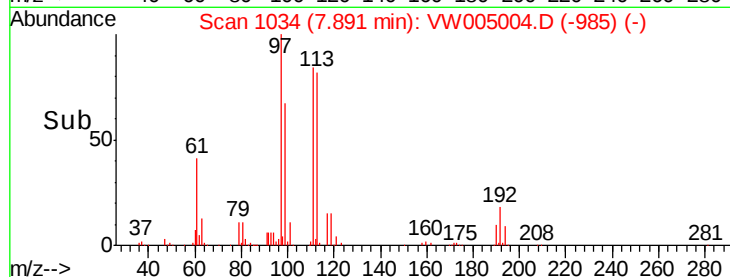
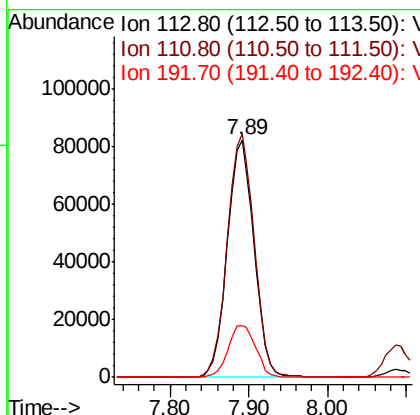
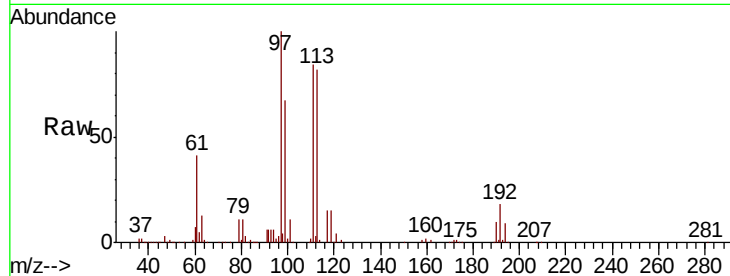
#35
 Dibromofluoromethane
 Concen: 47.739 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VW005004.D
 Acq: 29 Aug 2018 15:19

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW082918

Tot Ion	Ratio	Resp	Lower	Upper
113	100	193803		
111	103.1	81.3	121.9	
192	22.4	17.8	26.8	

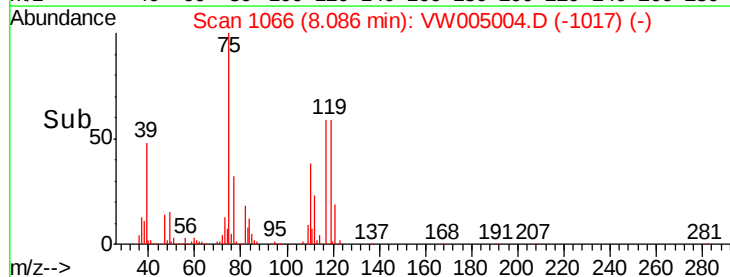
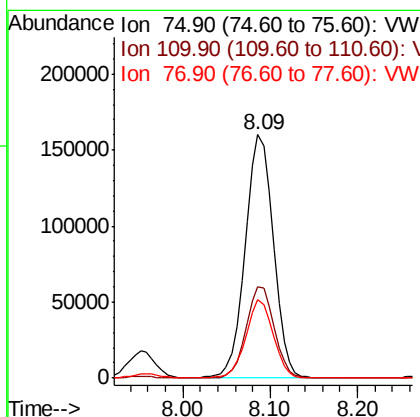
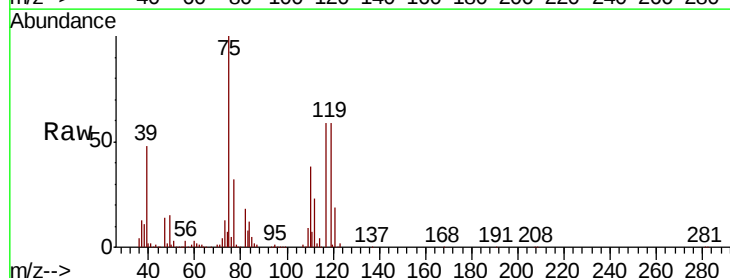
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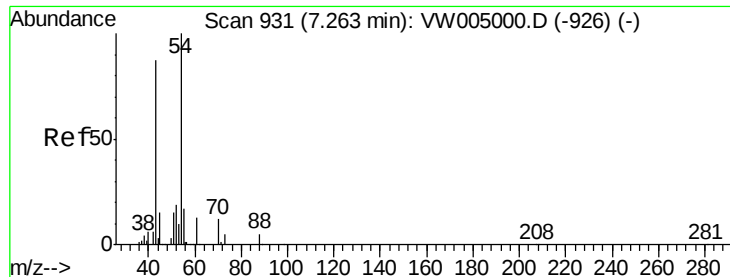
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#36
 1,1-Dichloropropene
 Concen: 51.601 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW005004.D
 Acq: 29 Aug 2018 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	358185		
110	37.5	18.7	56.1	
77	31.5	24.9	37.3	





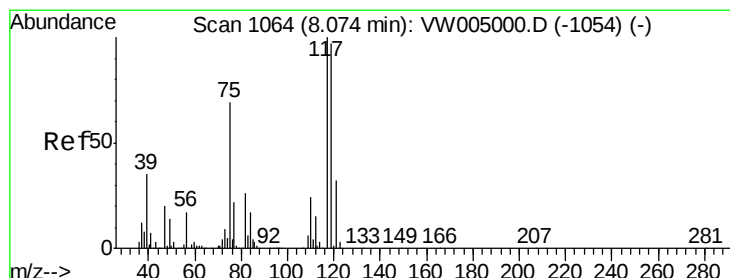
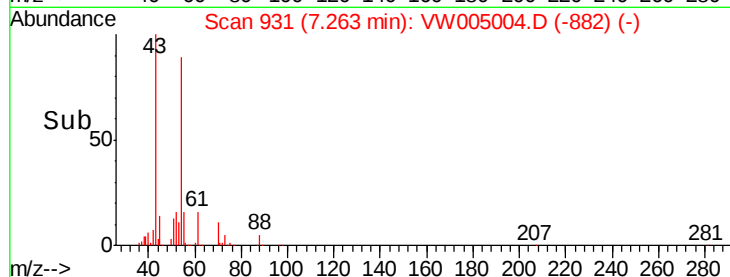
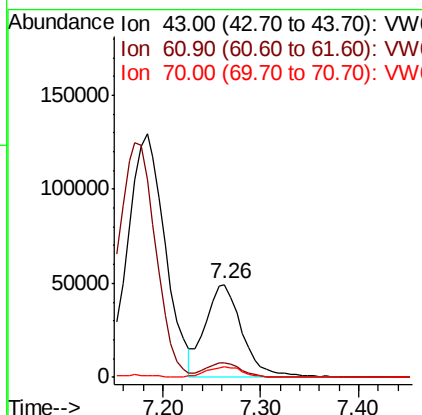
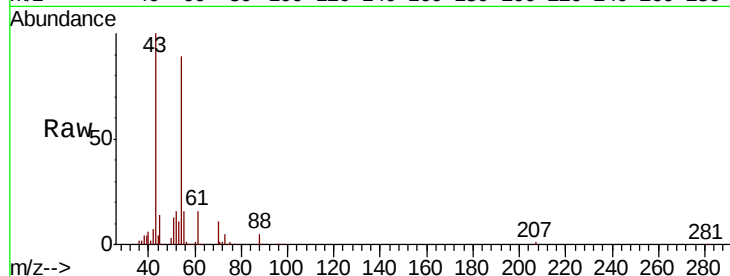
#37
Ethyl Acetate
Concen: 50.810 ug/l
RT: 7.26 min Scan# 931
Delta R.T. -0.00 min
Lab File: VW005004.D
Acq: 29 Aug 2018 15:19

Instrument :
MSVOA_W
ClientSampleId :
ICVW082918

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	12.3	18.5
70	11.3	9.7	14.5

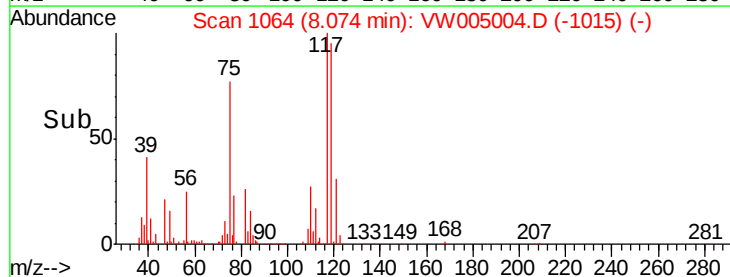
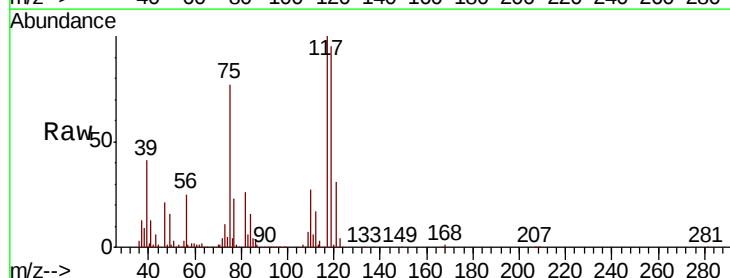
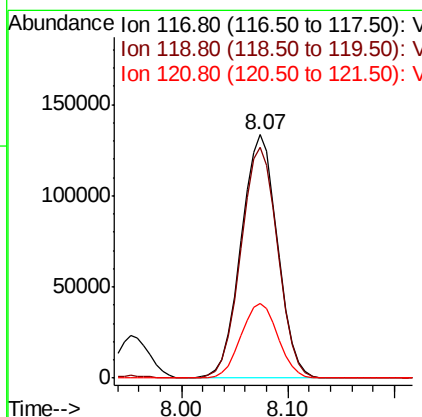
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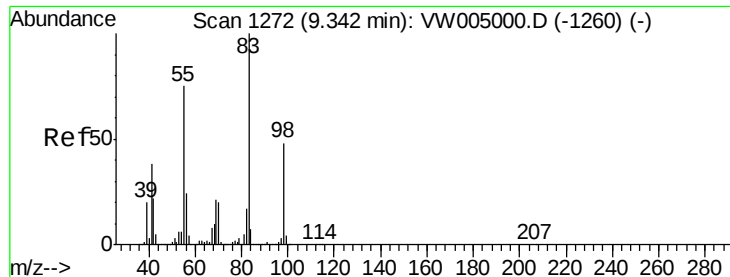
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#38
Carbon Tetrachloride
Concen: 47.741 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. -0.00 min
Lab File: VW005004.D
Acq: 29 Aug 2018 15:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.8	116.8
121	30.7	25.2	37.8





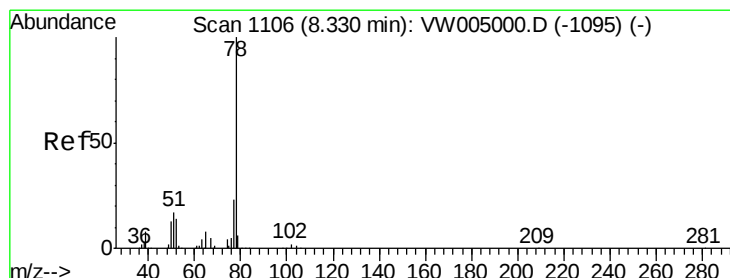
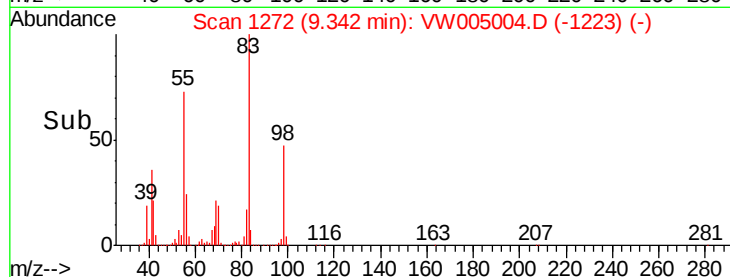
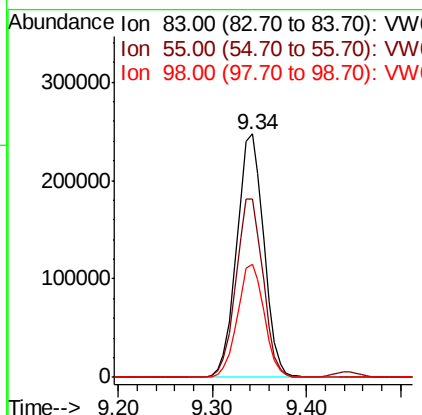
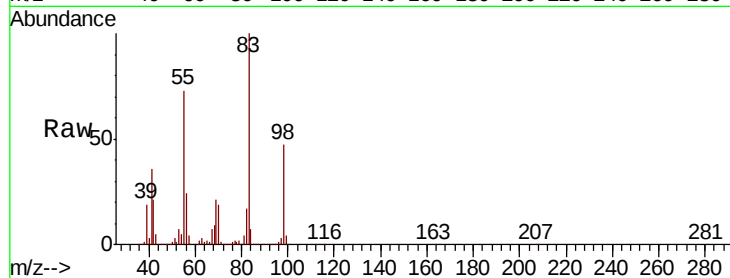
#39
Methvlcvclohexane
Concen: 51.796 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VW005004.D
Acq: 29 Aug 2018 15:19

Instrument :
MSVOA_W
ClientSampleId :
ICVW082918

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.1	60.2	90.2
98	46.7	38.6	57.8

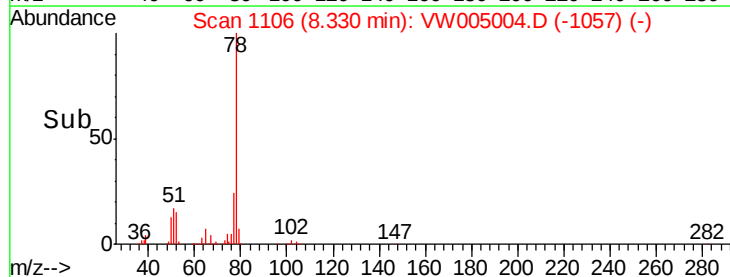
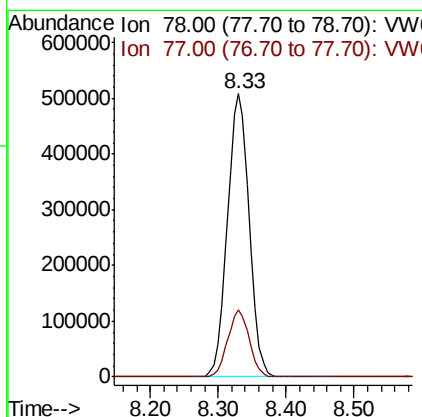
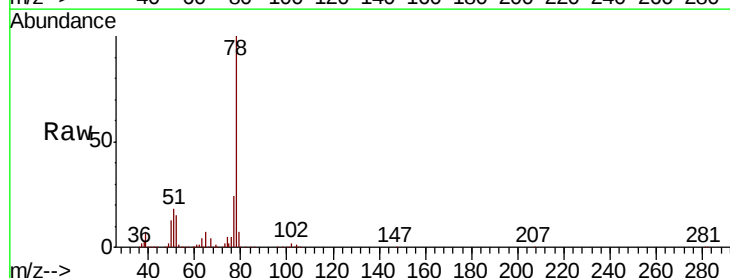
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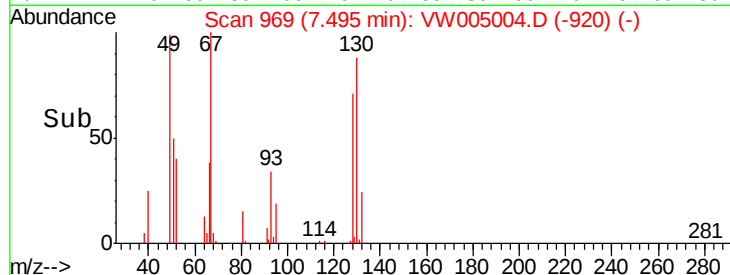
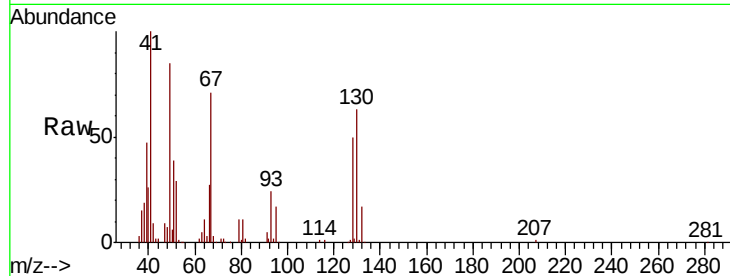
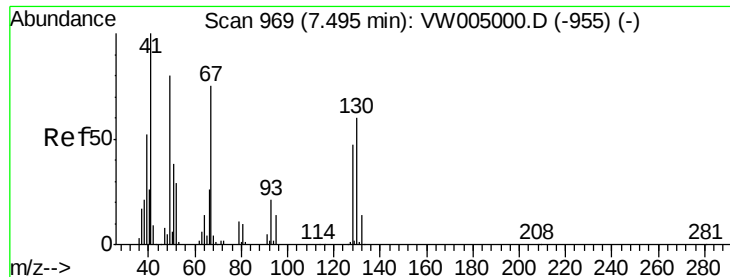
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#40
Benzene
Concen: 50.427 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VW005004.D
Acq: 29 Aug 2018 15:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.6	28.0





#41

Methacrylonitrile

Concen: 50.787 ug/l

RT: 7.49 min Scan# 969

Delta R.T. -0.00 min

Lab File: VW005004.D

Acq: 29 Aug 2018 15:19

Tot Ion	41	Resp	74049
Ion	Ratio	Lower	Upper
41	100		
39	49.9	42.0	63.0
67	73.6	63.4	95.2
52	28.8	24.6	37.0

Instrument :

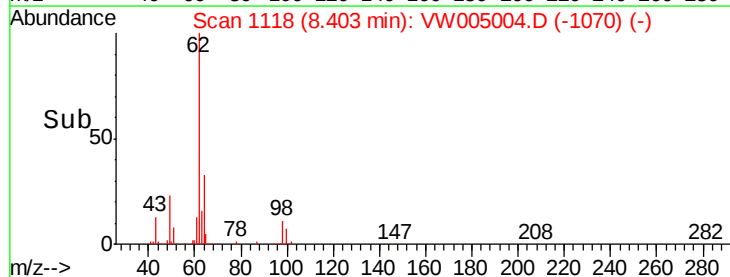
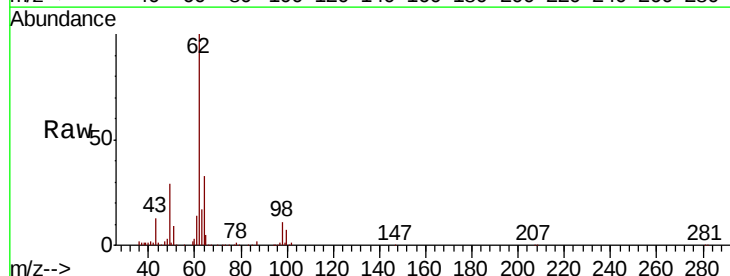
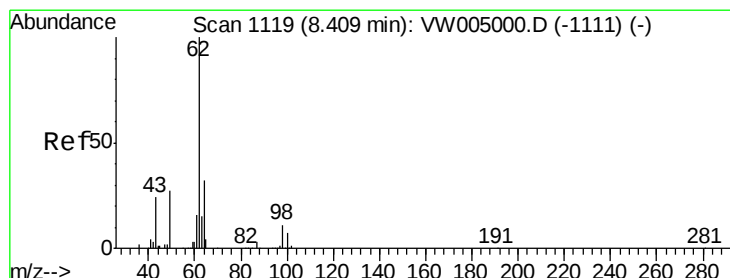
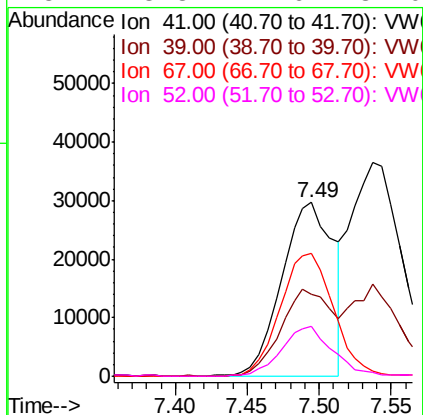
MSVOA_W

ClientSampleId :

ICVW082918

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#42

1,2-Dichloroethane

Concen: 46.002 ug/l

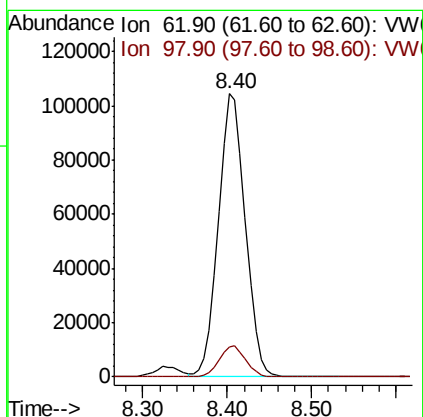
RT: 8.40 min Scan# 1118

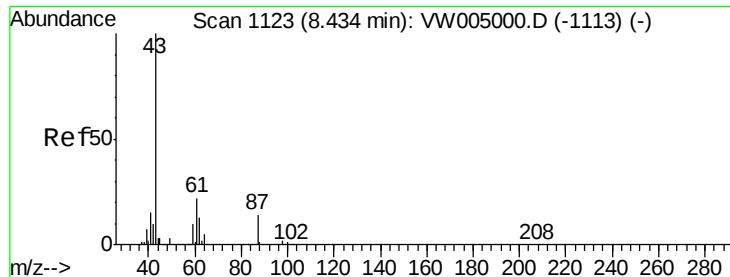
Delta R.T. -0.01 min

Lab File: VW005004.D

Acq: 29 Aug 2018 15:19

Tgt Ion	62	Resp	227438
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	20.8





#43

Isopropyl Acetate

Concen: 49.967 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW005004.D

Acq: 29 Aug 2018 15:19

Instrument :

MSVOA_W

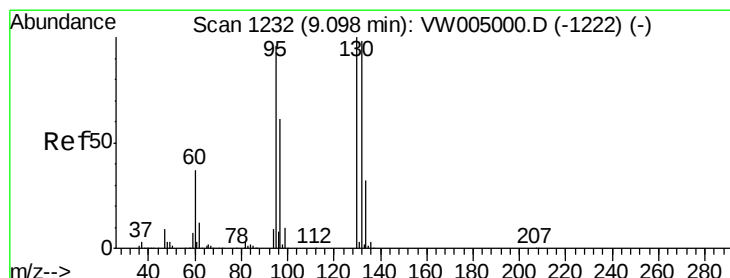
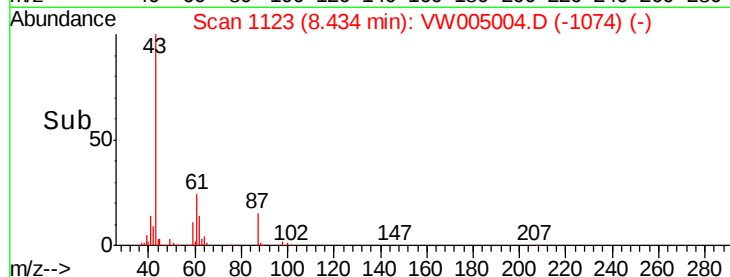
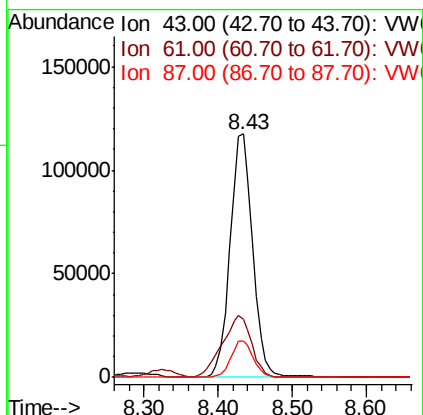
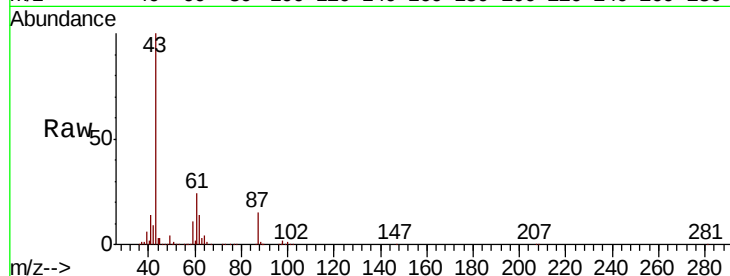
ClientSampleId :

ICVW082918

Tot Ion:	43	Resp:	248758
Ion	Ratio	Lower	Upper
43	100		
61	32.4	26.2	39.4
87	14.8	11.8	17.6

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#44

Trichloroethene

Concen: 50.430 ug/l

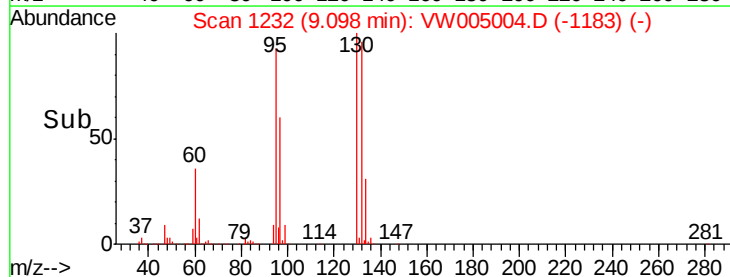
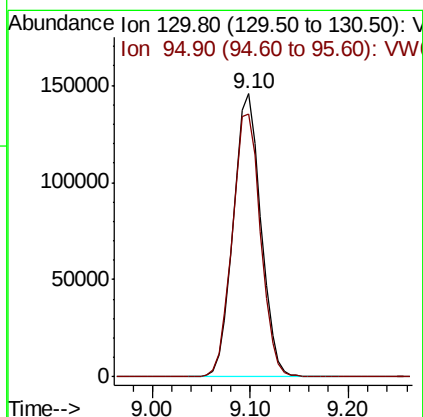
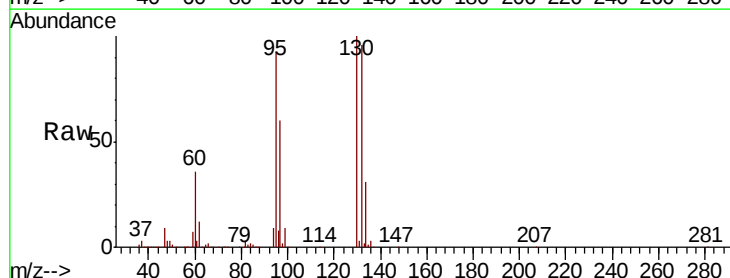
RT: 9.10 min Scan# 1232

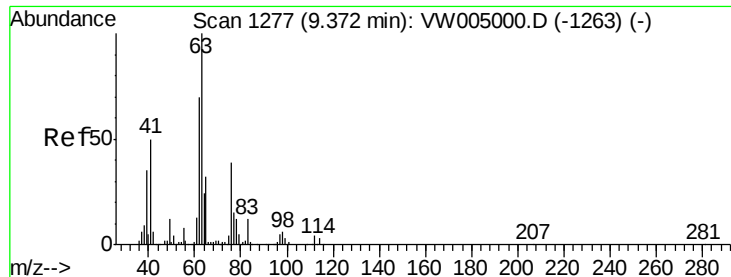
Delta R.T. 0.00 min

Lab File: VW005004.D

Acq: 29 Aug 2018 15:19

Tgt Ion:	130	Resp:	286199
Ion	Ratio	Lower	Upper
130	100		
95	93.0	0.0	192.2





#45

1,2-Dichloropropane

Concen: 50.275 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VW005004.D

Acq: 29 Aug 2018 15:19

Instrument :

MSVOA_W

ClientSampleId :

ICVW082918

Tot Ion: 63 Resp: 255575

Ion Ratio Lower Upper

63 100

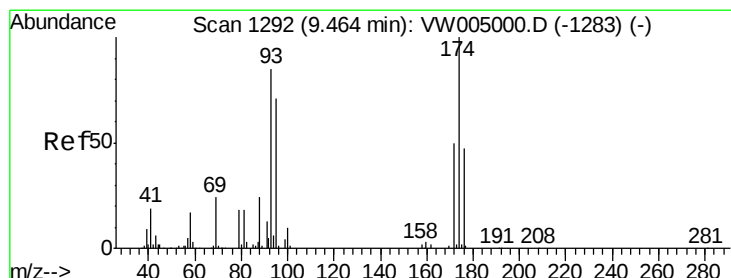
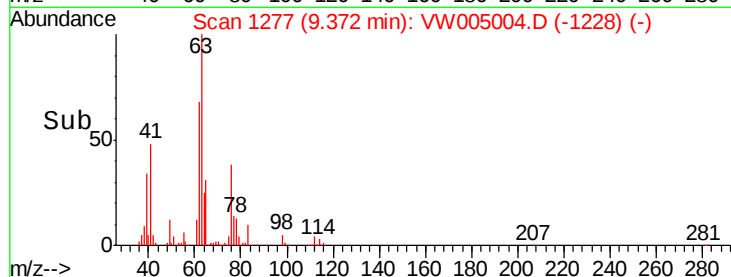
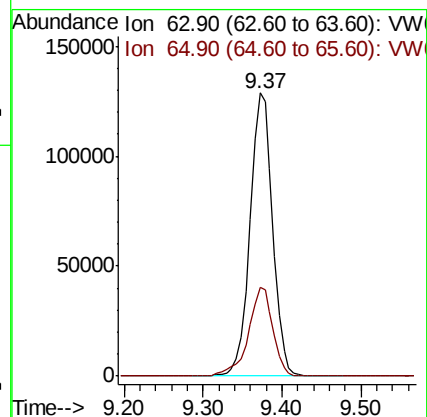
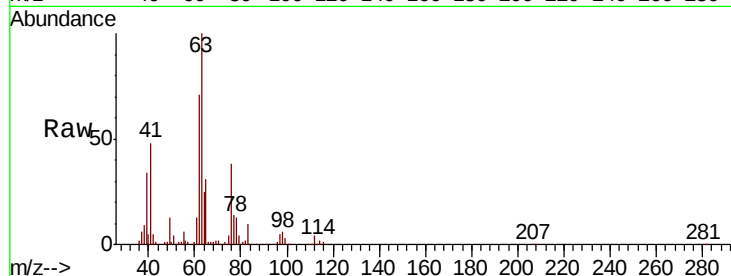
65 31.2 25.3 37.9

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#46

Dibromomethane

Concen: 46.795 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. -0.00 min

Lab File: VW005004.D

Acq: 29 Aug 2018 15:19

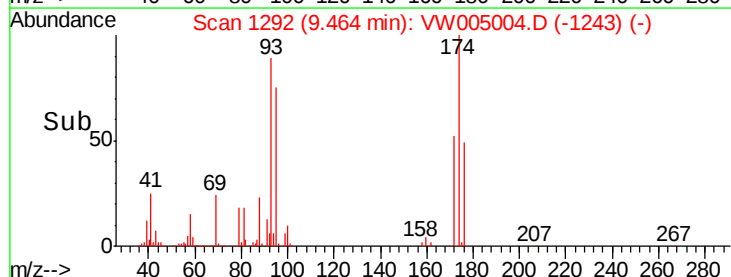
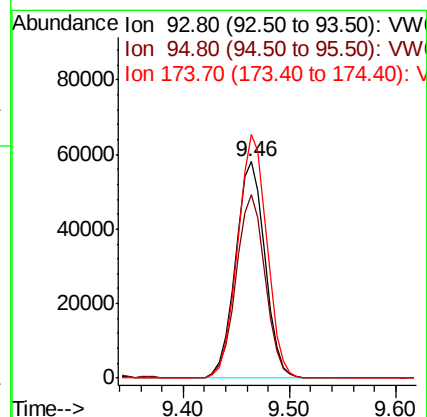
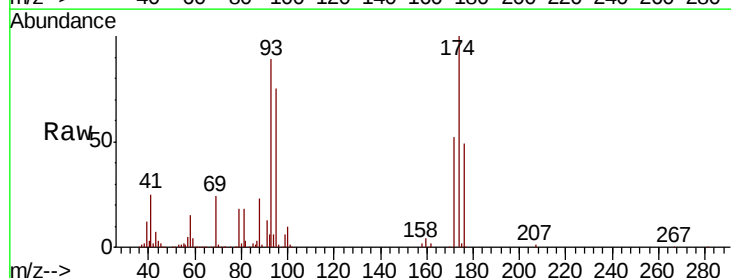
Tgt Ion: 93 Resp: 112591

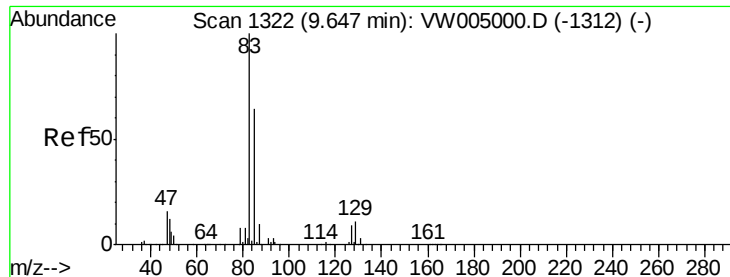
Ion Ratio Lower Upper

93 100

95 83.9 68.0 102.0

174 112.3 91.4 137.0





#47

Bromodichloromethane

Concen: 47.962 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW005004.D

Acq: 29 Aug 2018 15:19

Instrument :

MSVOA_W

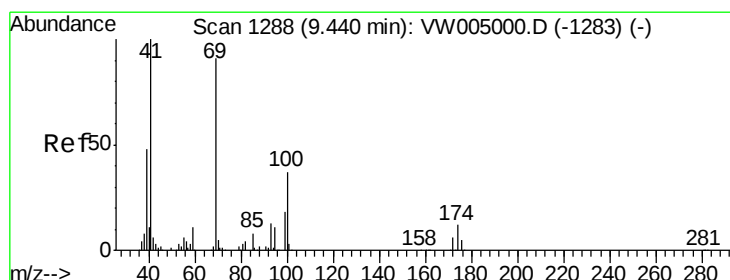
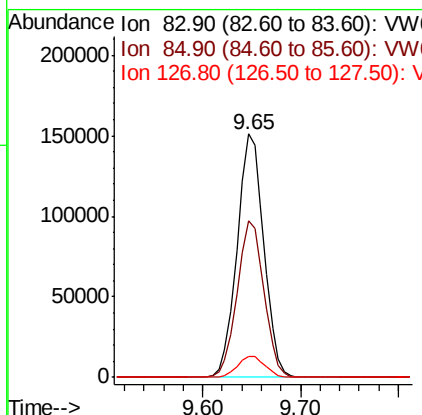
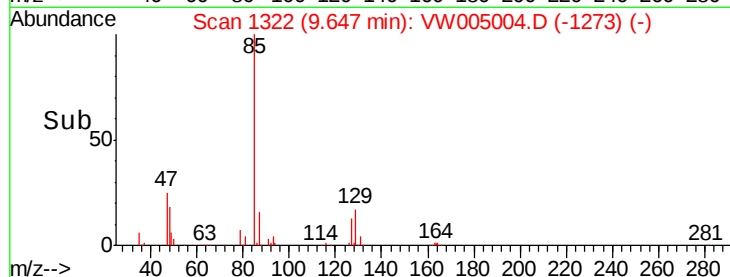
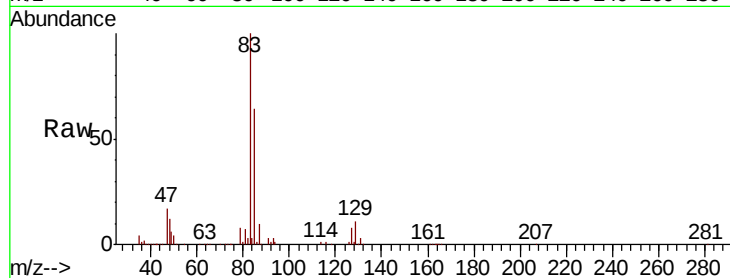
ClientSampleId :

ICVW082918

Tot Ion:	83	Resp:	285145
Ion Ratio	Lower	Upper	
83	100		
85	64.2	51.3	76.9
127	8.4	7.2	10.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 48.438 ug/l

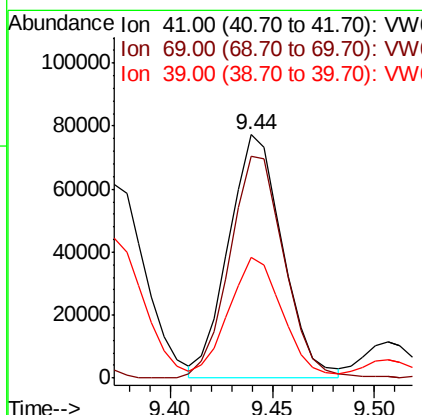
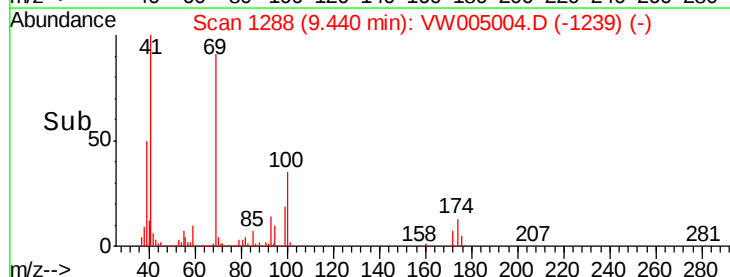
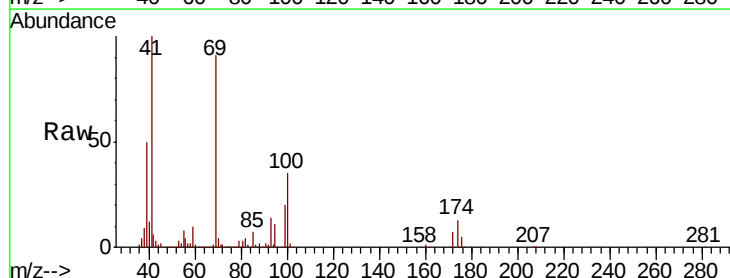
RT: 9.44 min Scan# 1288

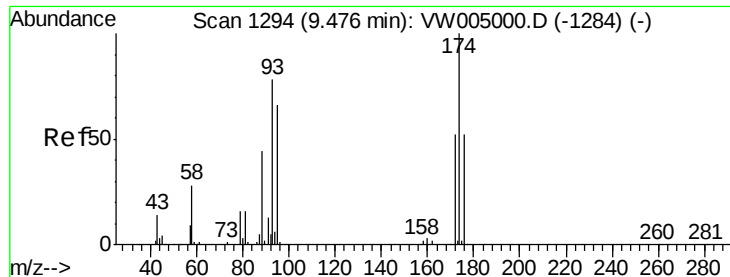
Delta R.T. 0.00 min

Lab File: VW005004.D

Acq: 29 Aug 2018 15:19

Tgt Ion:	41	Resp:	142035
Ion Ratio	Lower	Upper	
41	100		
69	93.2	72.5	108.7
39	45.7	37.0	55.6





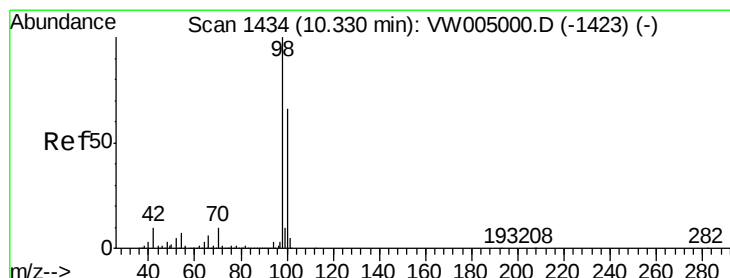
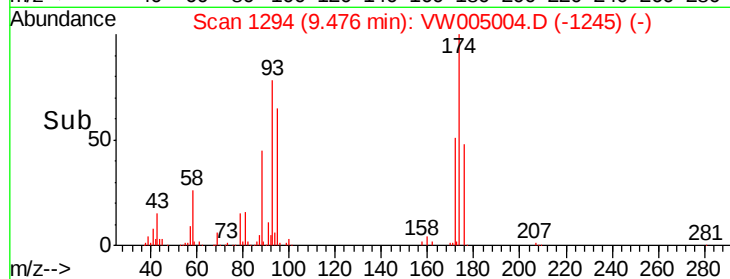
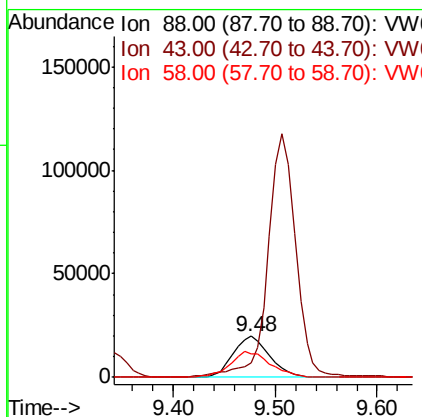
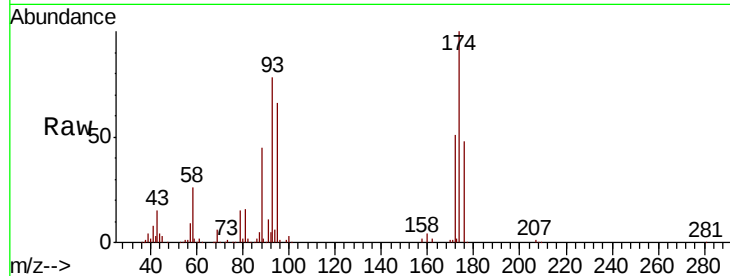
#49
1,4-Dioxane
Concen: 983.614 ug/l
RT: 9.48 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VW005004.D
Acq: 29 Aug 2018 15:19

Instrument :
MSVOA_W
ClientSampleId :
ICVW082918

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	69.8	57.0	85.4

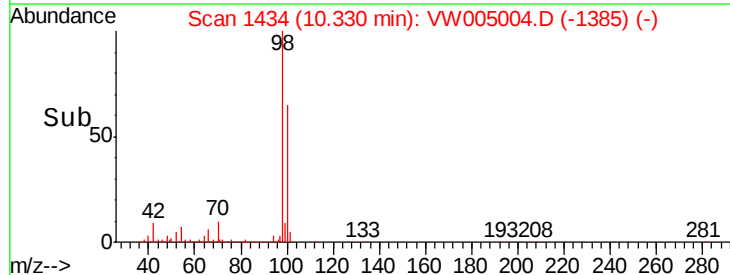
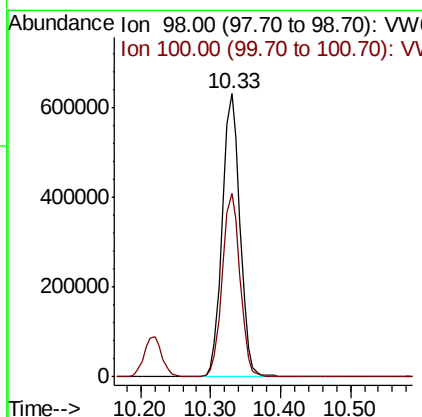
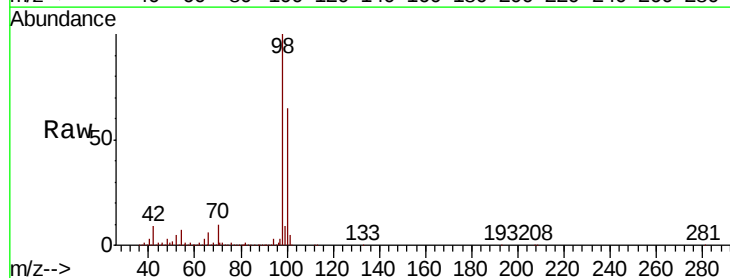
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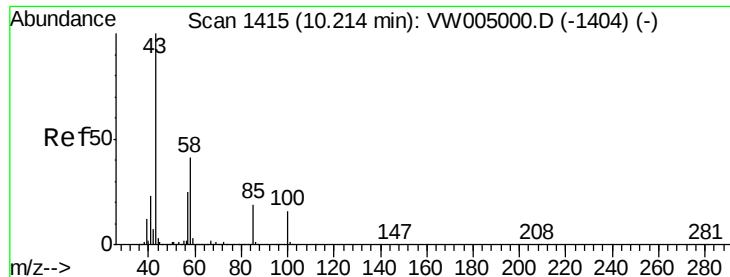
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#50
Toluene-d8
Concen: 50.131 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW005004.D
Acq: 29 Aug 2018 15:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.9	77.9





#51

4-Methyl-2-Pentanone

Concen: 253.770 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW005004.D

Acq: 29 Aug 2018 15:19

Instrument :

MSVOA_W

ClientSampleId :

ICVW082918

Tot Ion: 43 Resp: 946224

Ion Ratio Lower Upper

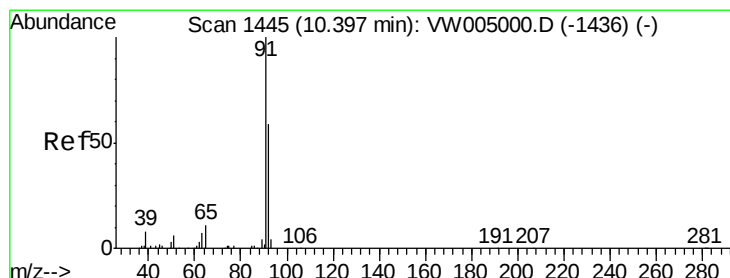
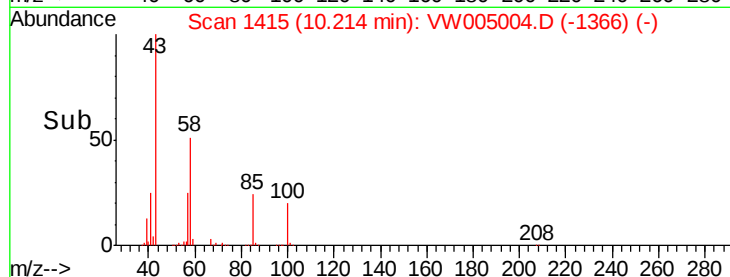
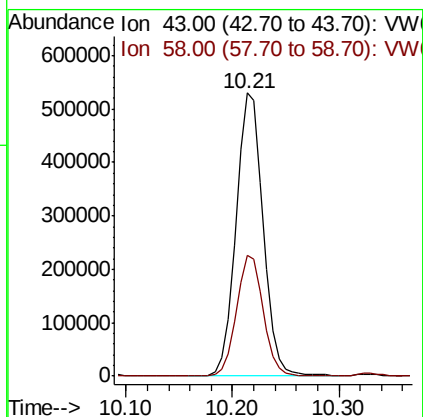
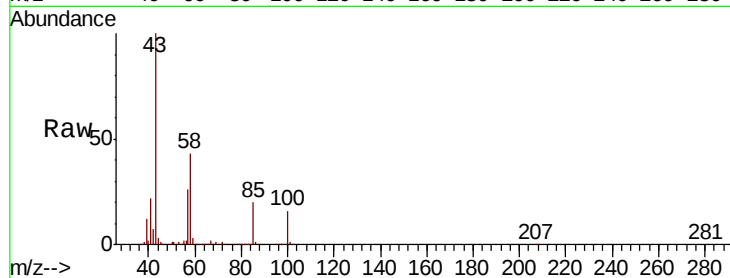
43 100

58 42.2 33.5 50.3

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#52

Toluene

Concen: 48.831 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.01 min

Lab File: VW005004.D

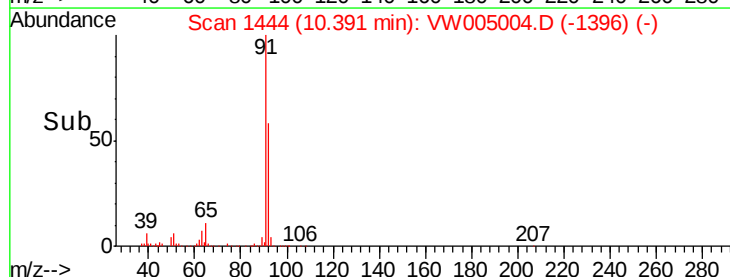
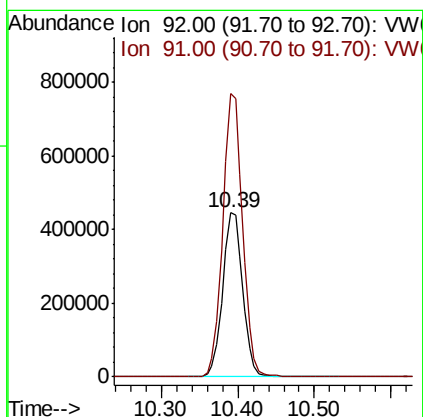
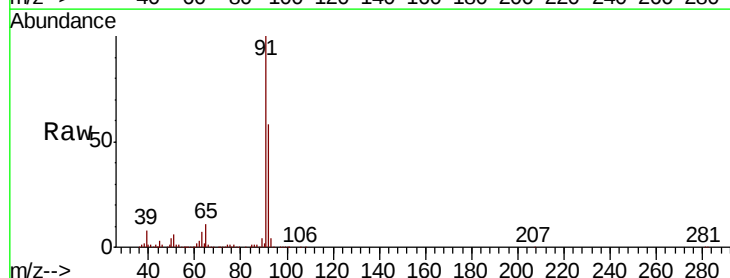
Acq: 29 Aug 2018 15:19

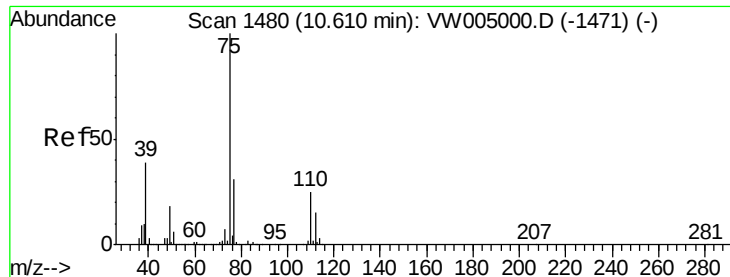
Tgt Ion: 92 Resp: 804942

Ion Ratio Lower Upper

92 100

91 171.0 137.4 206.2





#53

t-1,3-Dichloropropene

Concen: 51.665 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW005004.D

Acq: 29 Aug 2018 15:19

Instrument :

MSVOA_W

ClientSampleId :

ICVW082918

Tot Ion: 75 Resp: 328041

Ion Ratio Lower Upper

75 100

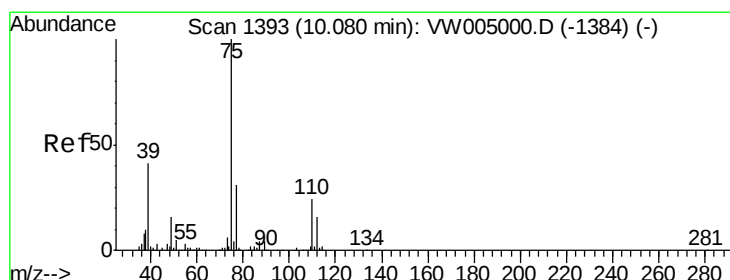
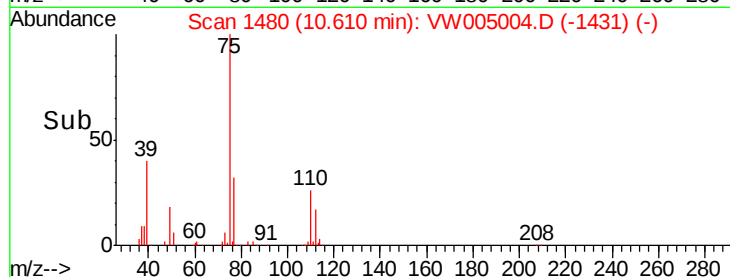
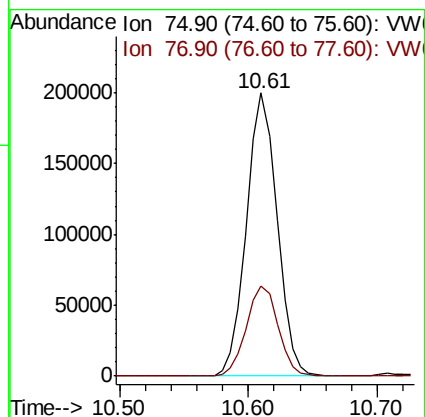
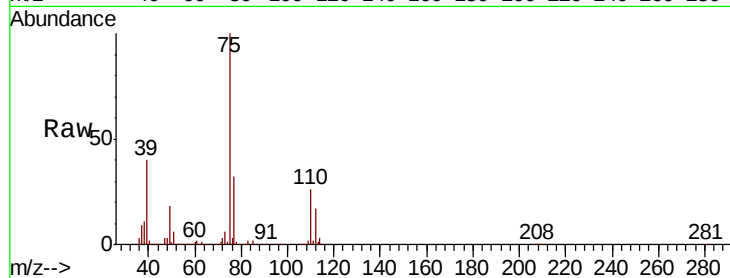
77 31.5 25.1 37.7

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#54

cis-1,3-Dichloropropene

Concen: 51.824 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005004.D

Acq: 29 Aug 2018 15:19

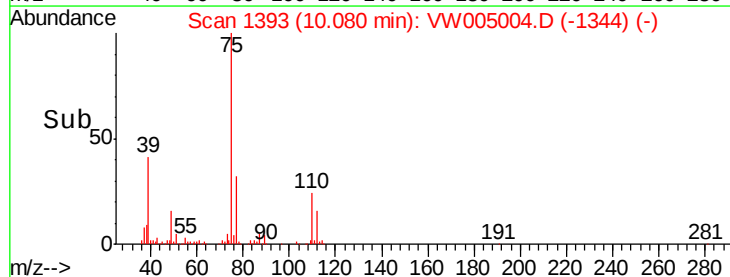
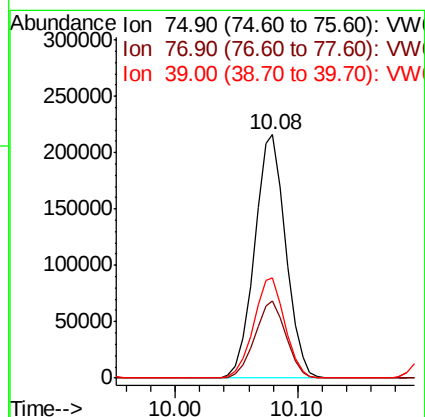
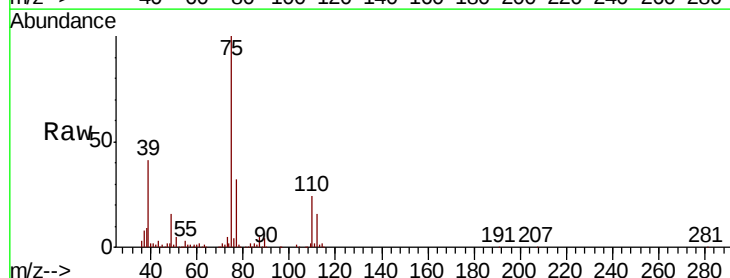
Tgt Ion: 75 Resp: 383701

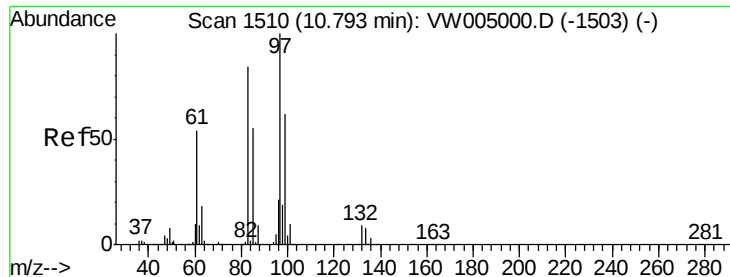
Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8

39 41.1 32.9 49.3





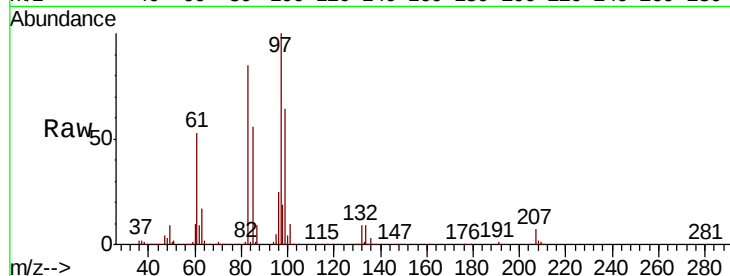
#55
 1,1,2-Trichloroethane
 Concen: 48.215 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW005004.D
 Acq: 29 Aug 2018 15:19

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW082918

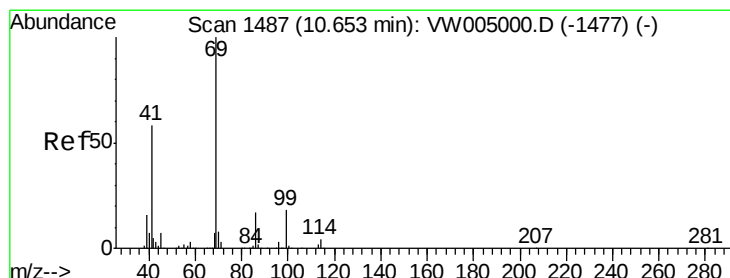
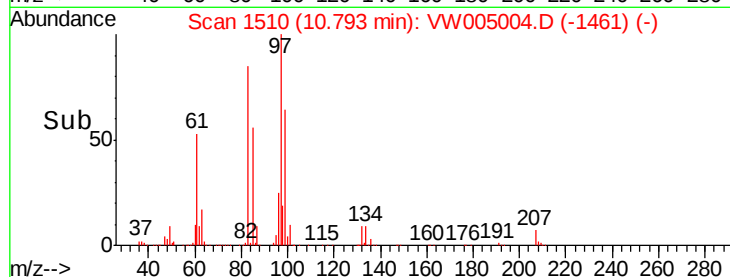
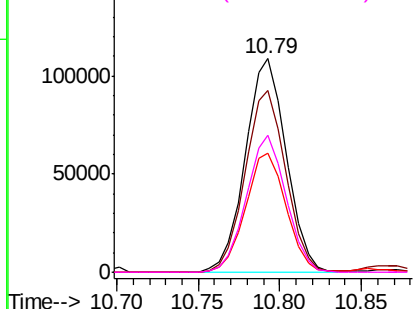
Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		189883		
83	85.1	67.3	100.9		
85	55.9	44.3	66.5		
99	64.2	49.4	74.0		

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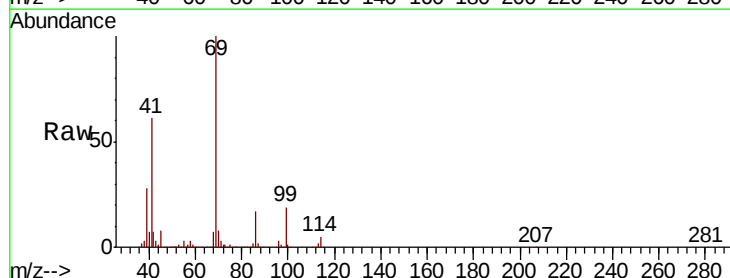


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

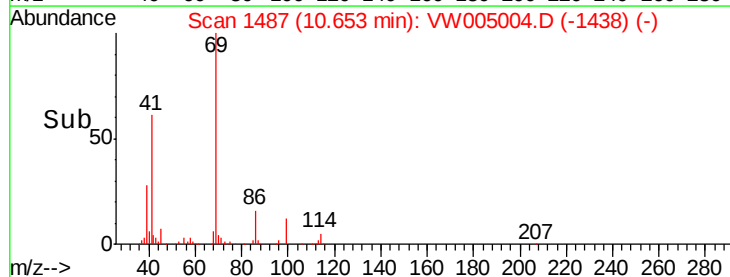
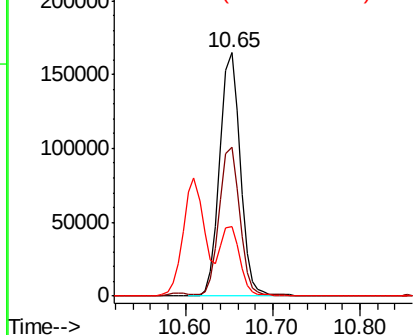


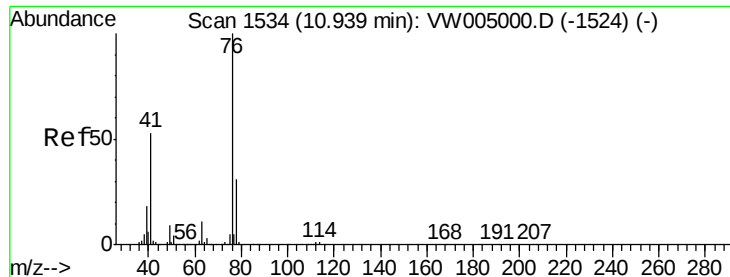
#56
 Ethyl methacrylate
 Concen: 51.951 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW005004.D
 Acq: 29 Aug 2018 15:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		268362		
41	61.7	47.7	71.5		
39	26.5	21.0	31.6		



Abundance Ion 69.00 (68.70 to 69.70): VW
 Ion 41.00 (40.70 to 41.70): VW
 Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 50.070 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VW005004.D

Acq: 29 Aug 2018 15:19

Instrument :

MSVOA_W

ClientSampleId :

ICVW082918

Tot Ion: 76 Resp: 324477

Ion Ratio Lower Upper

76 100

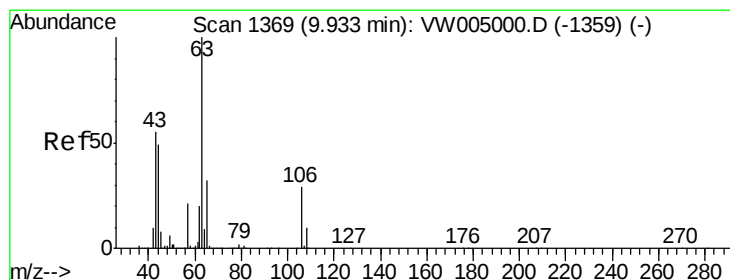
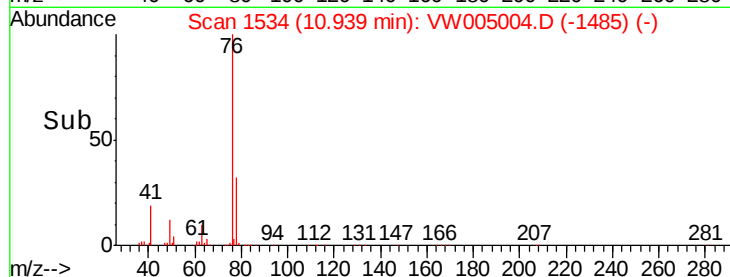
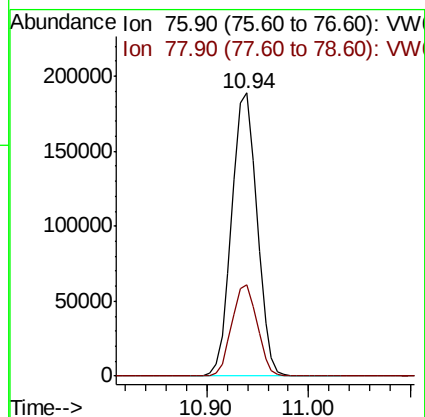
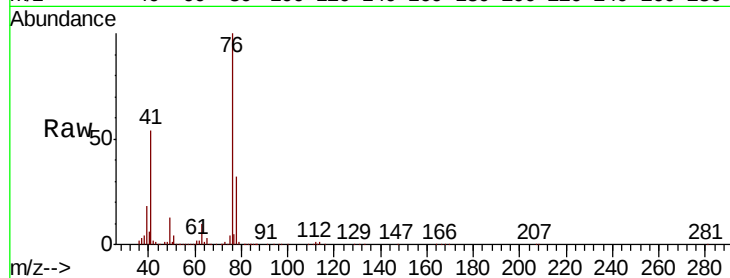
78 32.6 25.6 38.4

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#58

2-Chloroethyl Vinyl ether

Concen: 264.516 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VW005004.D

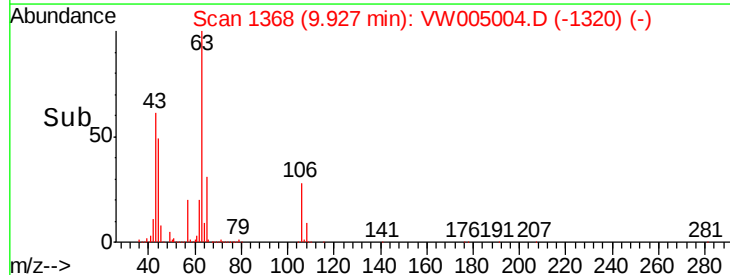
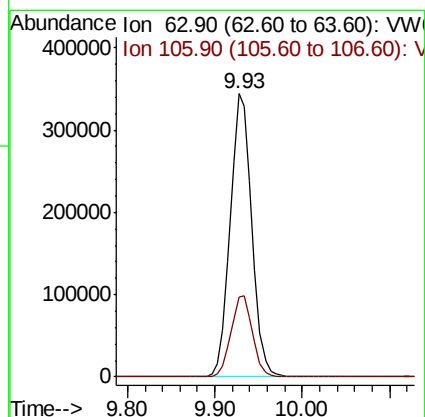
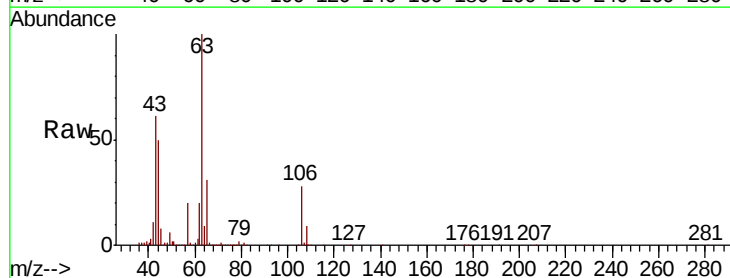
Acq: 29 Aug 2018 15:19

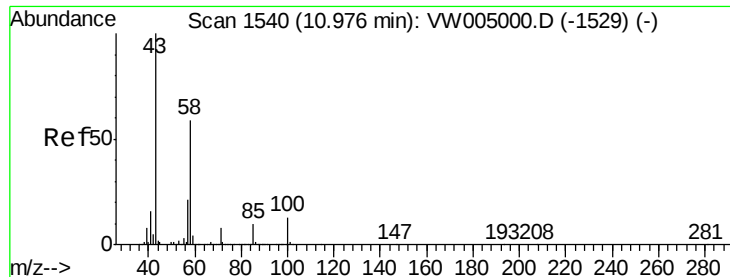
Tgt Ion: 63 Resp: 588675

Ion Ratio Lower Upper

63 100

106 28.8 23.2 34.8





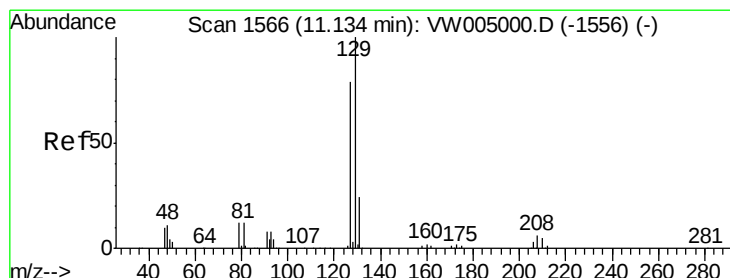
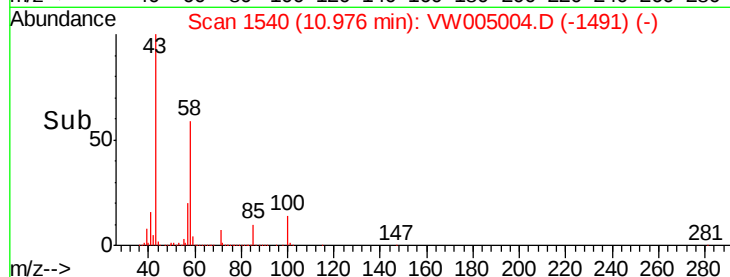
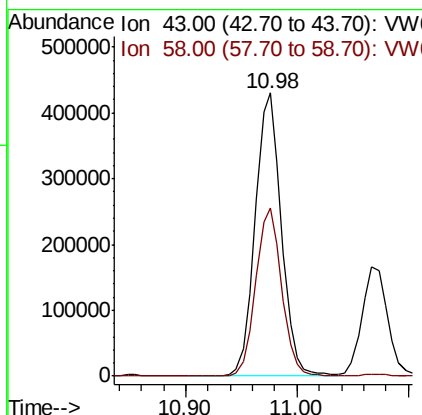
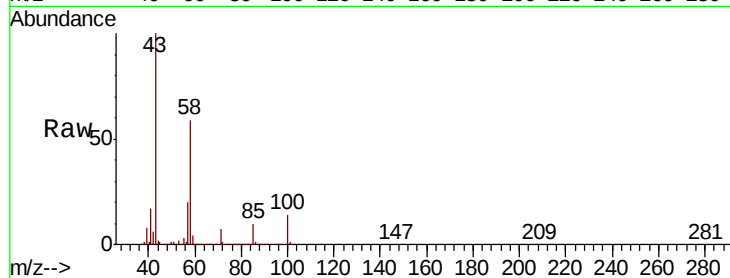
#59
2-Hexanone
Concen: 261.057 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW005004.D
Acq: 29 Aug 2018 15:19

Instrument :
MSVOA_W
ClientSampleId :
ICVW082918

Tot Ion: 43 Resp: 704772
Ion Ratio Lower Upper
43 100
58 58.7 29.2 87.6

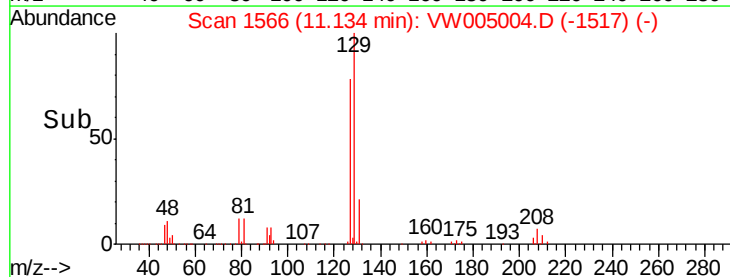
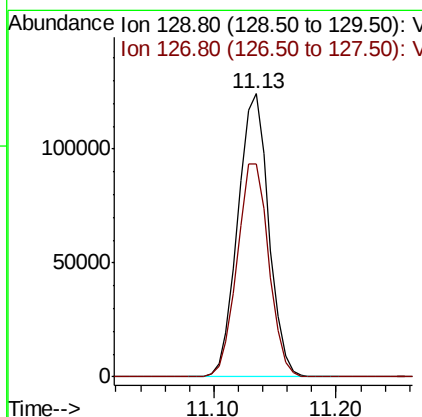
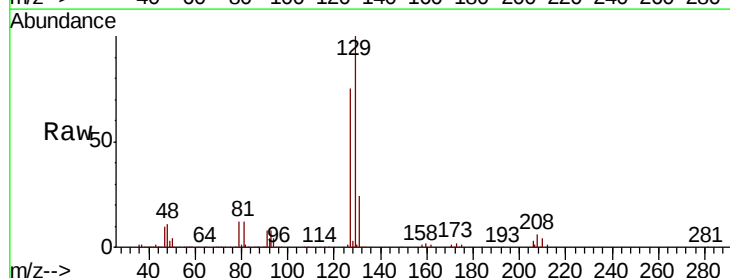
Manual Integrations
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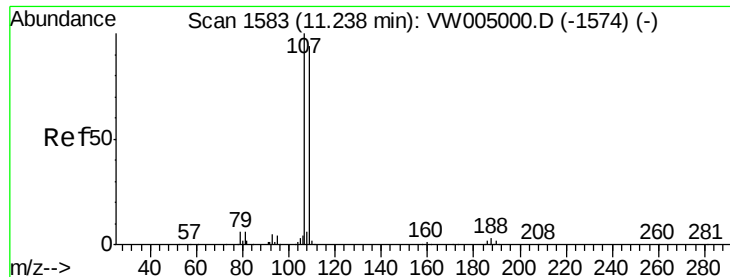
apatel
8/30/2018 12:43:54 PM



#60
Dibromochloromethane
Concen: 50.286 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW005004.D
Acq: 29 Aug 2018 15:19

Tgt Ion: 129 Resp: 217347
Ion Ratio Lower Upper
129 100
127 77.3 38.3 114.8





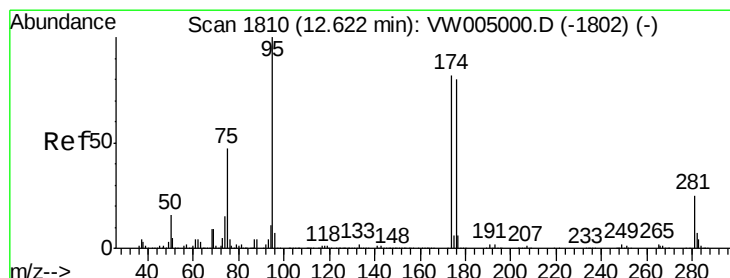
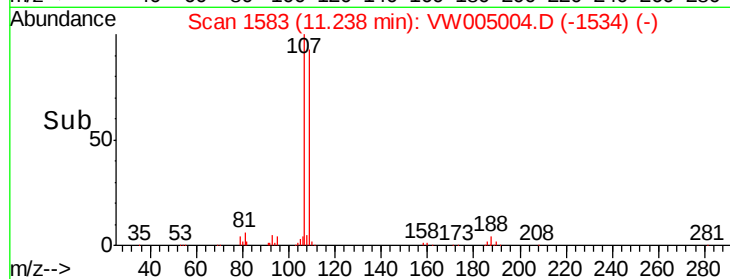
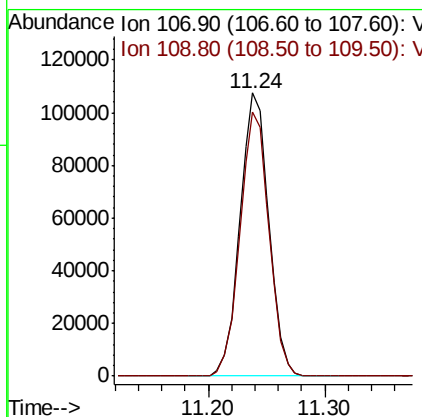
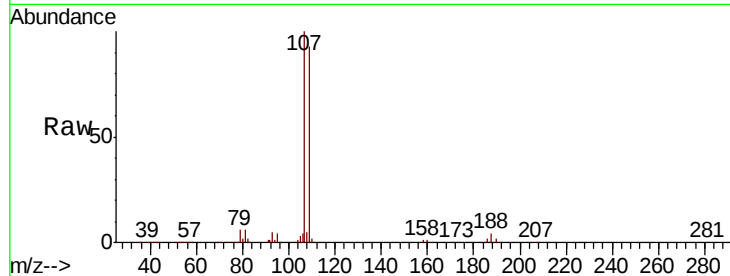
#61
 1,2-Dibromoethane
 Concen: 50.167 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW005004.D
 Acq: 29 Aug 2018 15:19

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW082918

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.0	75.2	112.8

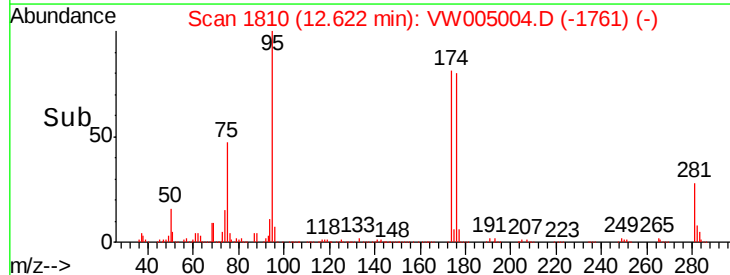
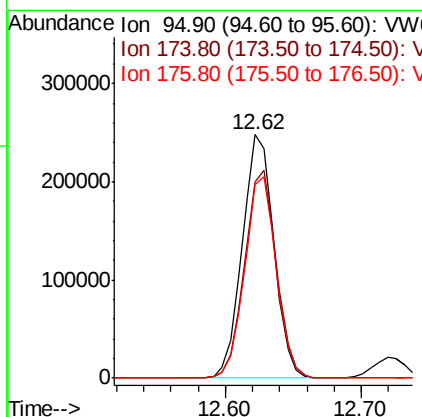
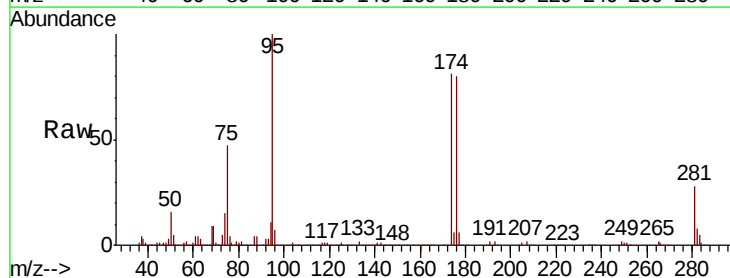
Manual Integrations
 APPROVED

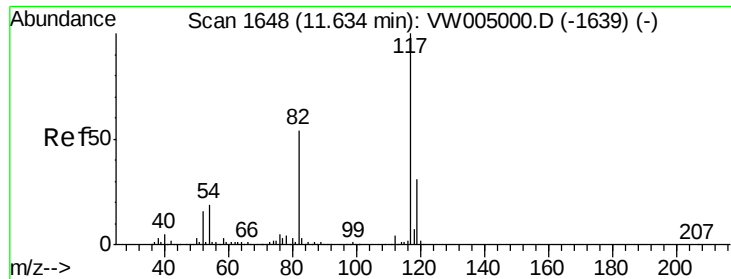
apatel
 8/30/2018 12:43:54 PM



#62
 4-Bromofluorobenzene
 Concen: 49.517 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW005004.D
 Acq: 29 Aug 2018 15:19

Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.9	0.0	173.4
176	82.9	0.0	167.8





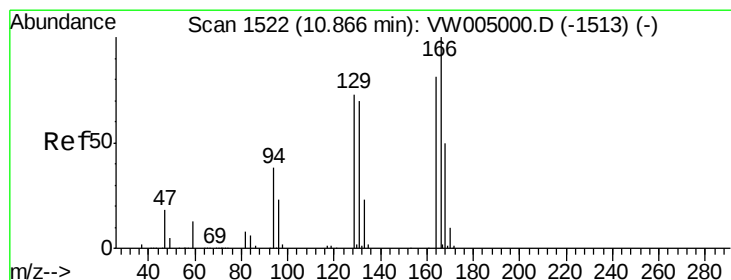
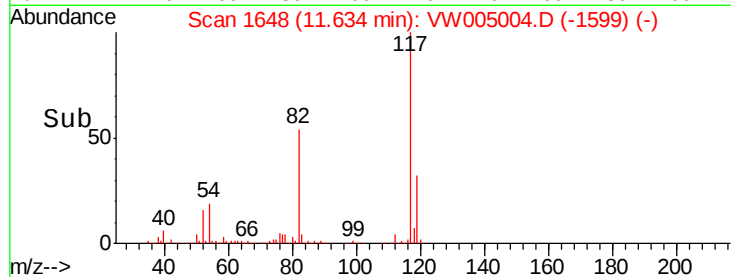
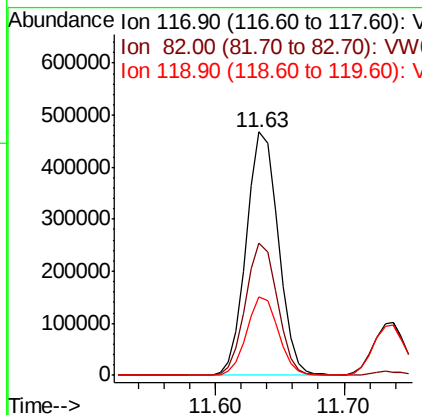
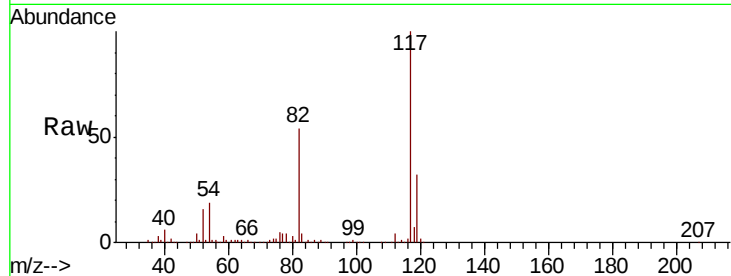
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW005004.D
Acq: 29 Aug 2018 15:19

Instrument :
MSVOA_W
ClientSampleId :
ICVW082918

Tot Ion	Ratio	Resp	Lower	Upper
117	100	802644		
82	54.4	43.3	64.9	
119	32.1	25.0	37.6	

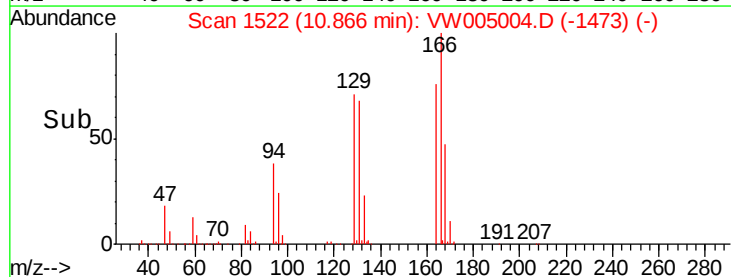
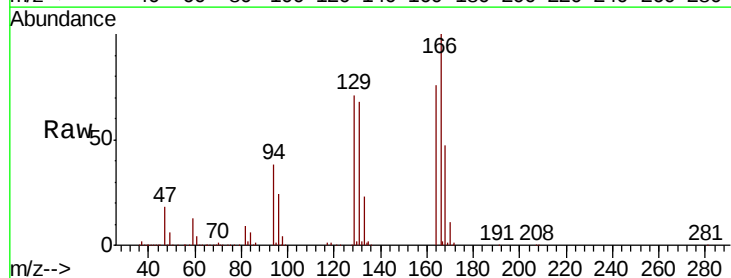
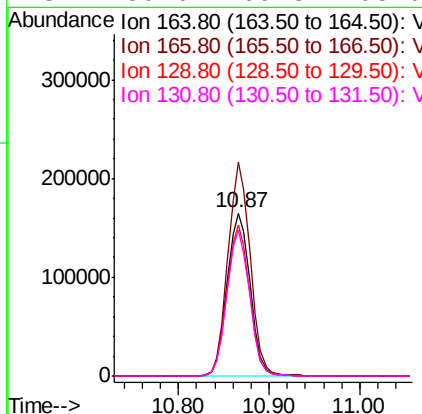
Manual Integrations
APPROVED

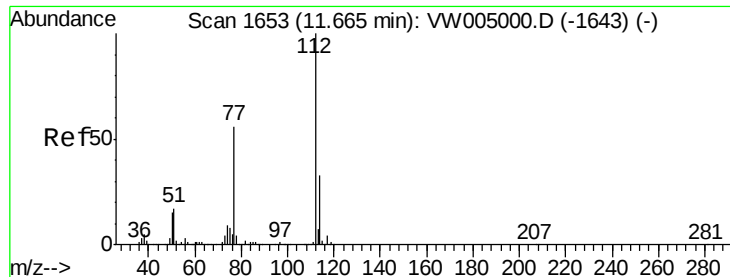
apatel
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#64
Tetrachloroethene
Concen: 49.531 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW005004.D
Acq: 29 Aug 2018 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	289858		
166	131.2	99.4	149.0	
129	93.0	72.2	108.2	
131	89.6	69.3	103.9	





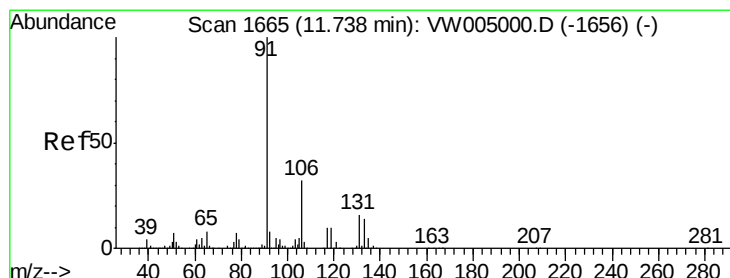
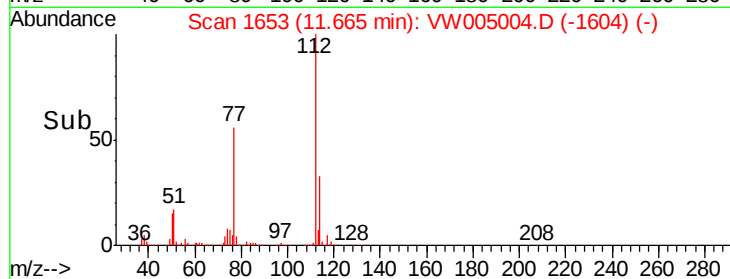
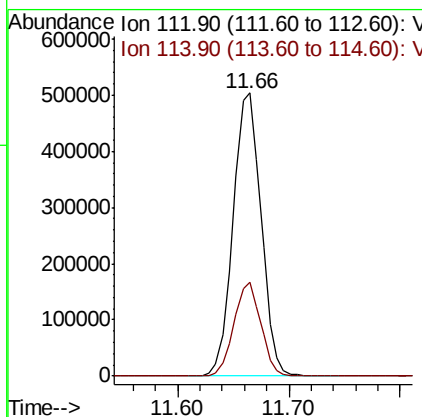
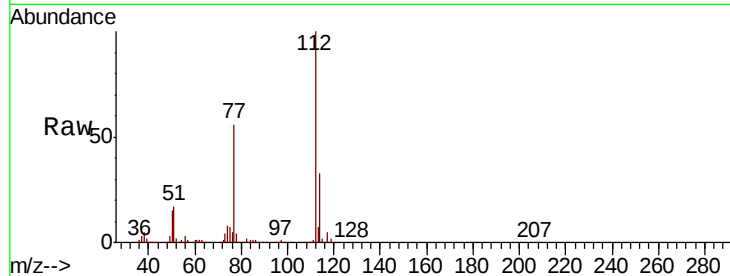
#65
Chlorobenzene
Concen: 49.675 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VW005004.D
Acq: 29 Aug 2018 15:19

Instrument :
MSVOA_W
ClientSampleId :
ICVW082918

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.3	26.1	39.1

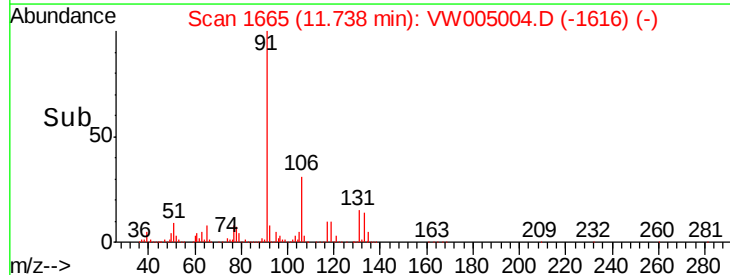
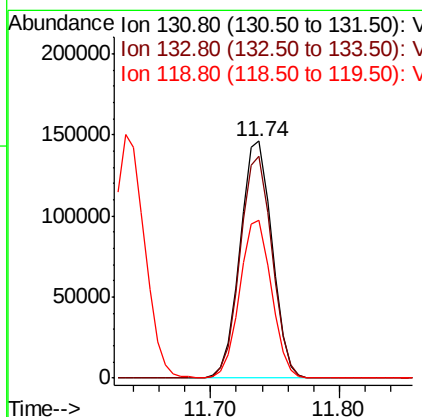
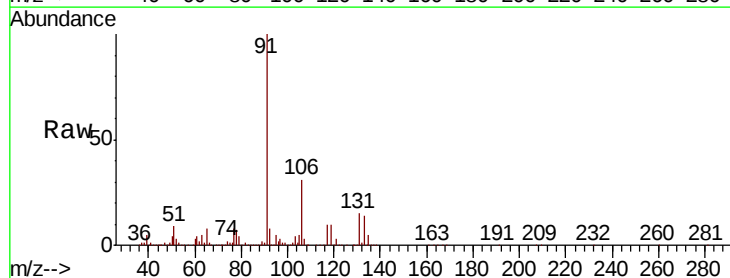
Manual Integrations
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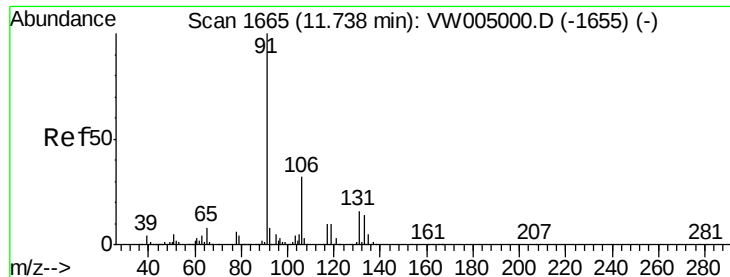
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.708 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW005004.D
Acq: 29 Aug 2018 15:19

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.9	47.4	142.3
119	66.2	33.1	99.3





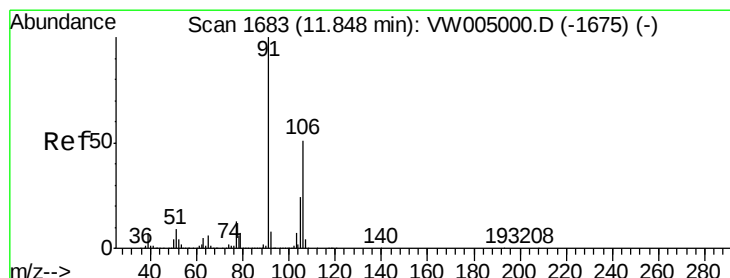
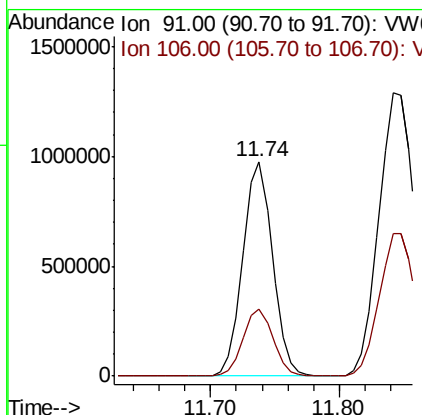
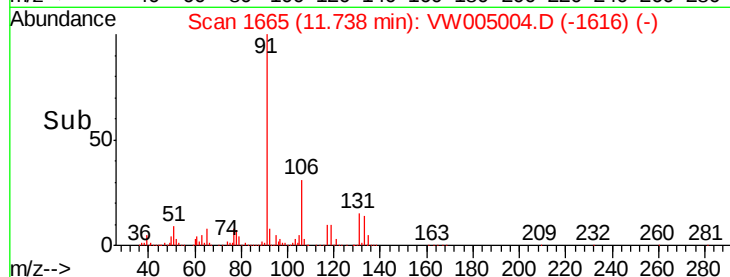
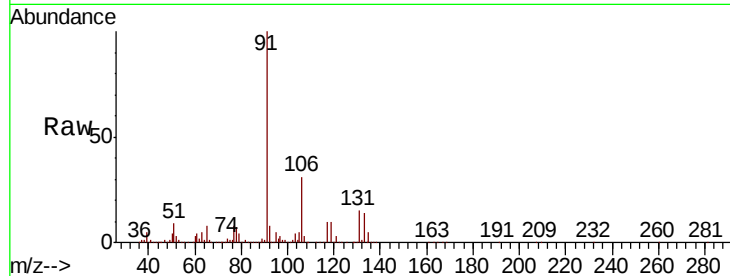
#67
Ethyl Benzene
Concen: 51.707 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW005004.D
Acq: 29 Aug 2018 15:19

Instrument :
MSVOA_W
ClientSampleId :
ICVW082918

Tot Ion: 91 Resp: 1561304
Ion Ratio Lower Upper
91 100
106 31.4 25.4 38.2

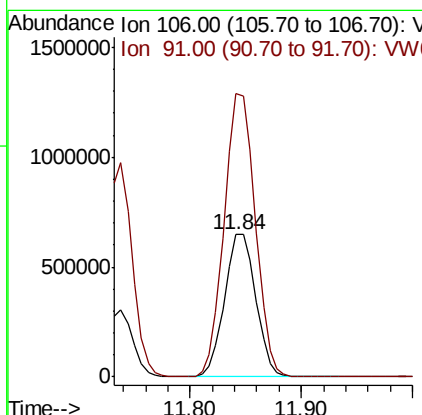
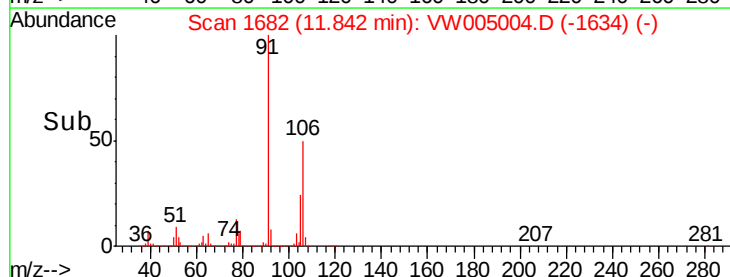
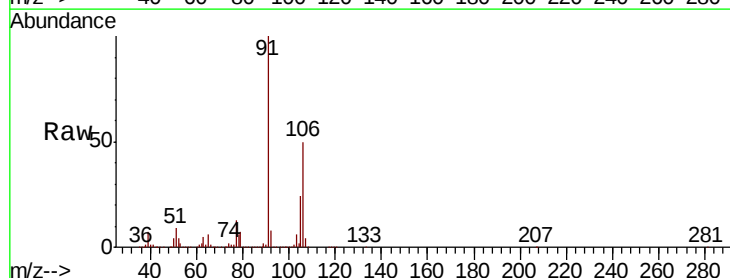
Manual Integrations
APPROVED

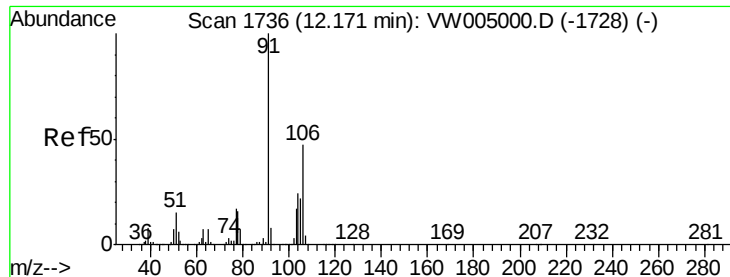
apatel
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#68
m/p-Xylenes
Concen: 102.210 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VW005004.D
Acq: 29 Aug 2018 15:19

Tgt Ion: 106 Resp: 1258800
Ion Ratio Lower Upper
106 100
91 198.6 158.4 237.6





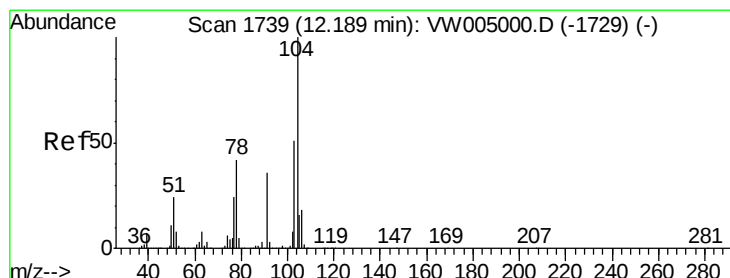
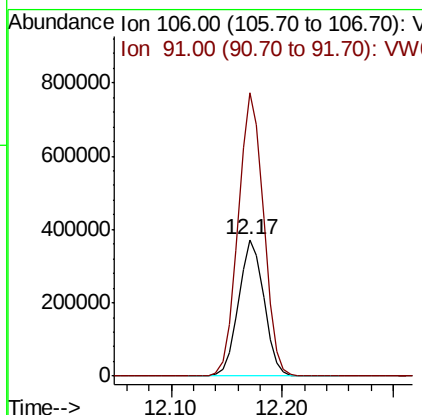
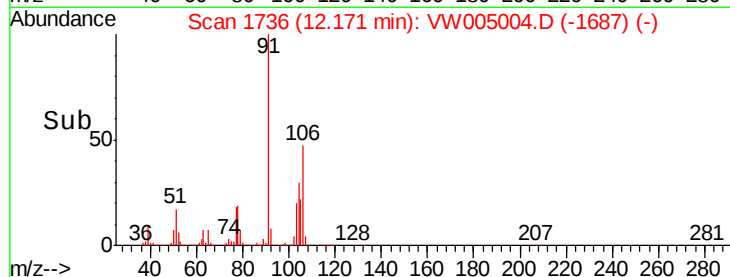
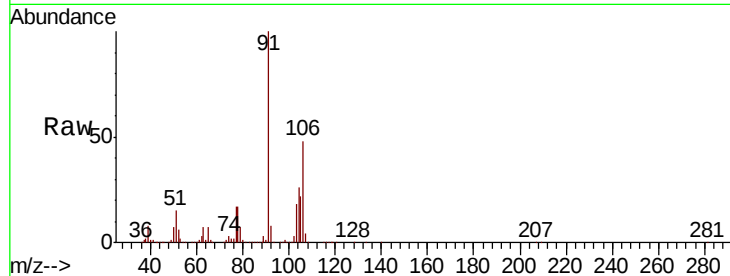
#69
o-Xylene
Concen: 52.142 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW005004.D
Acq: 29 Aug 2018 15:19

Instrument :
MSVOA_W
ClientSampleId :
ICVW082918

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	586780		
91	91	208.4		104.4	313.1

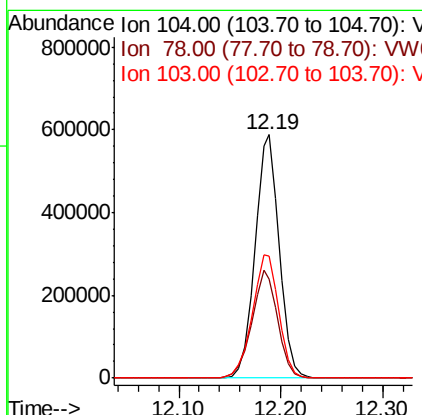
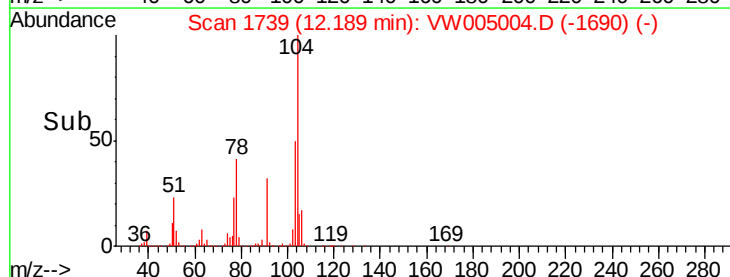
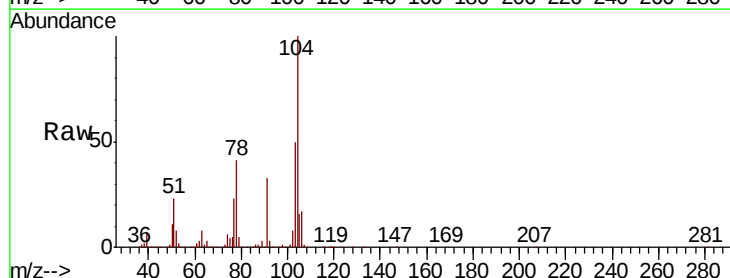
Manual Integrations
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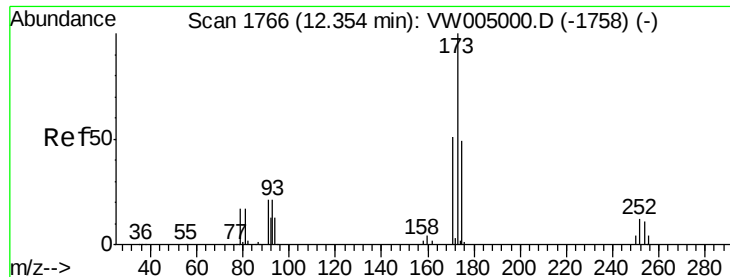
apatel
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#70
Styrene
Concen: 52.076 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW005004.D
Acq: 29 Aug 2018 15:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	972156		
78	78	47.0		37.6	56.4
103	103	55.2		43.9	65.9





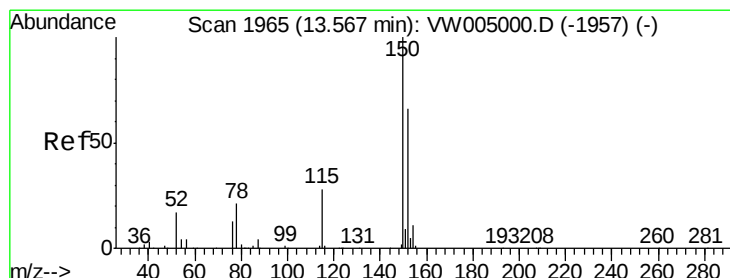
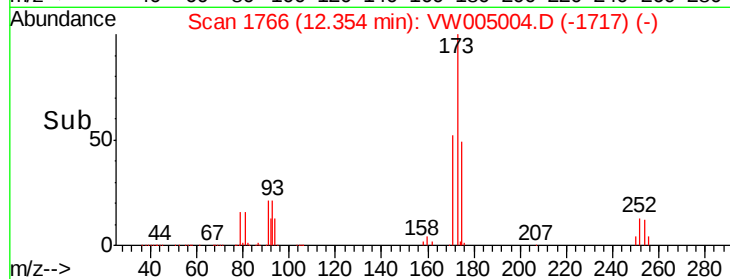
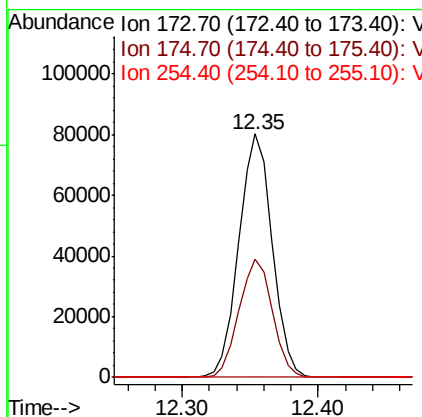
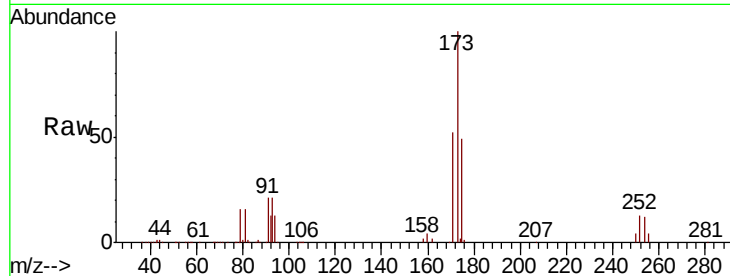
#71
Bromoform
Concen: 50.922 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. -0.00 min
Lab File: VW005004.D
Acq: 29 Aug 2018 15:19

Instrument :
MSVOA_W
ClientSampleId :
ICVW082918

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.3	73.0
254	0.0	0.1	0.1#

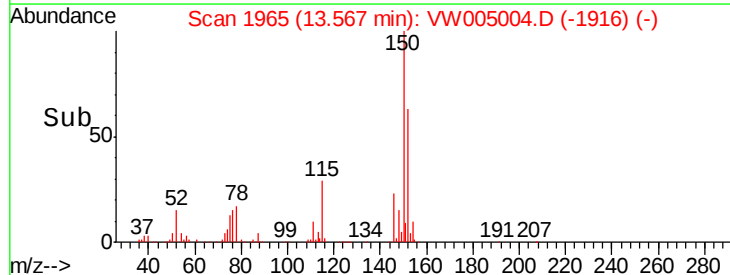
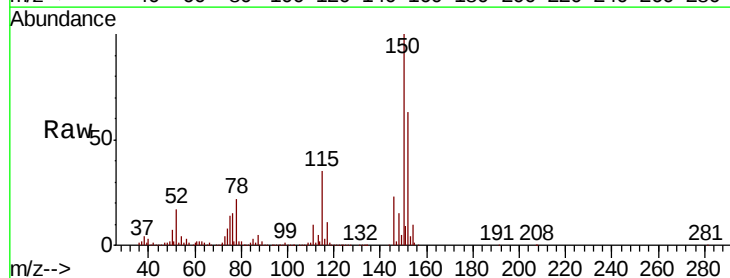
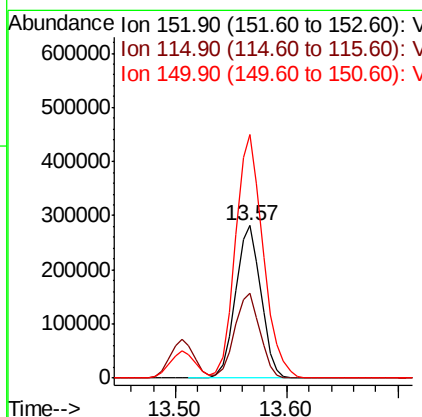
Manual Integrations
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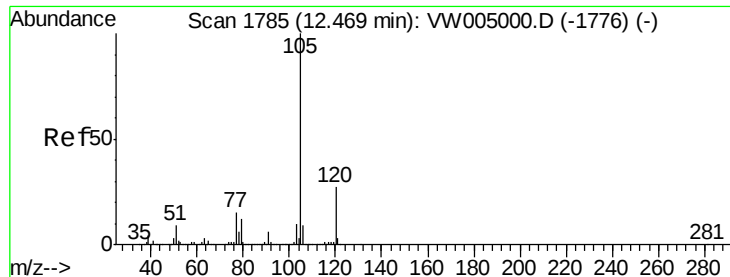
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW005004.D
Acq: 29 Aug 2018 15:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.7	28.0	83.9
150	174.5	0.0	347.2





#73

Isopropylbenzene

Concen: 53.824 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW005004.D

Acq: 29 Aug 2018 15:19

Instrument :

MSVOA_W

ClientSampleId :

ICVW082918

Tot Ion:105 Resp: 1585767

Ion Ratio Lower Upper

105 100

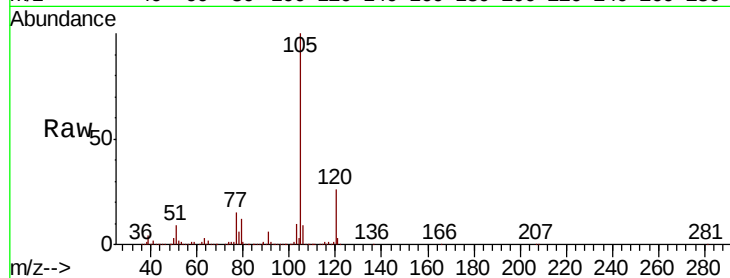
120 26.5 13.4 40.2

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1200000

1000000

800000

600000

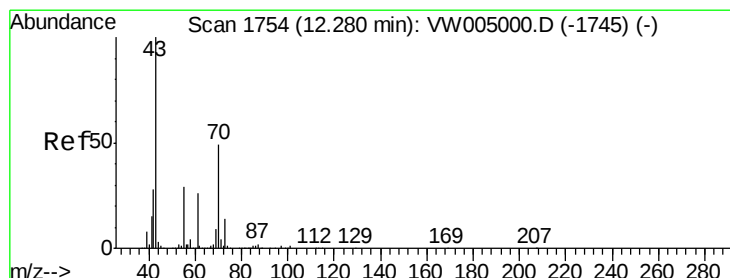
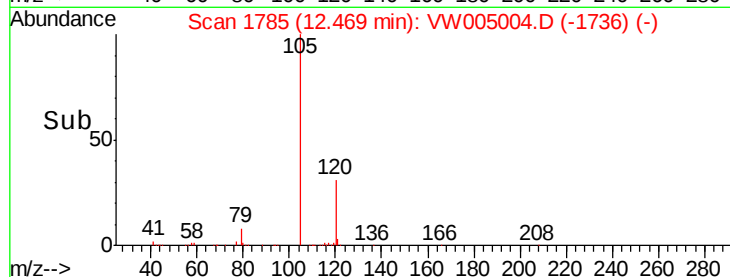
400000

200000

0

12.47

Time-->



#74

N-ethyl acetate

Concen: 54.230 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW005004.D

Acq: 29 Aug 2018 15:19

Tgt Ion: 43 Resp: 301506

Ion Ratio Lower Upper

43 100

70 47.6 38.6 57.8

55 28.6 23.6 35.4

61 26.2 21.0 31.6

Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

300000

250000

200000

150000

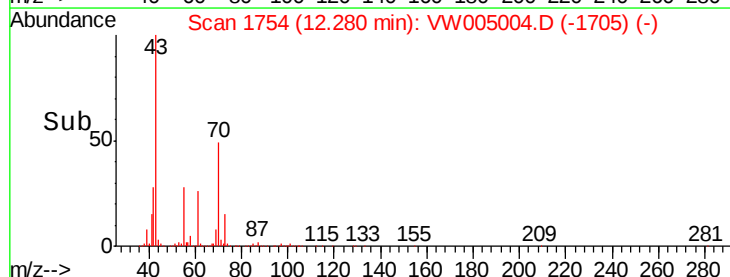
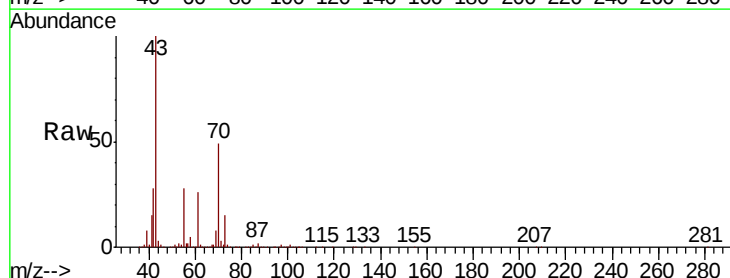
100000

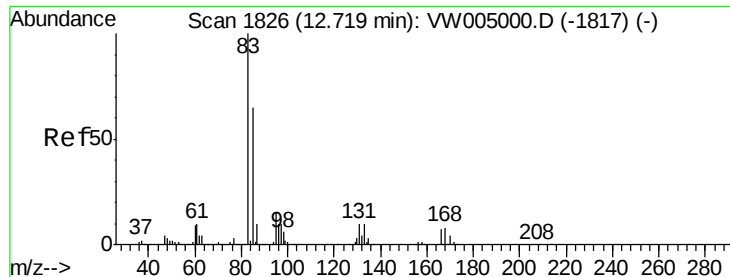
50000

0

12.28

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 52.072 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW005004.D

Acq: 29 Aug 2018 15:19

Instrument :

MSVOA_W

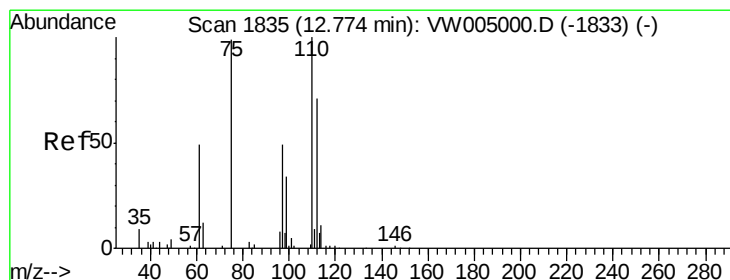
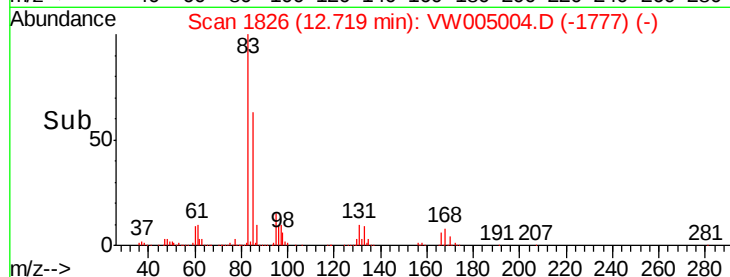
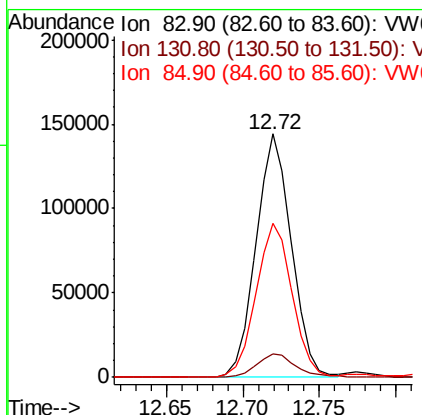
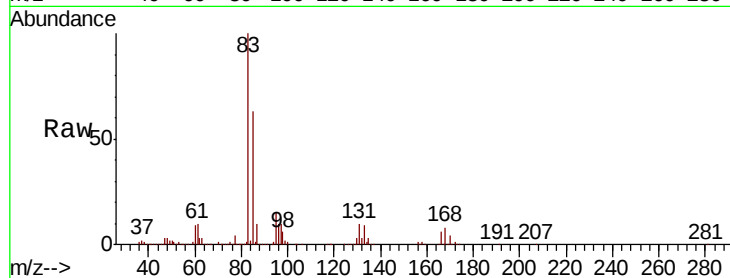
ClientSampled :

ICVW082918

Tot Ion:	83	Resp:	232283
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.5	16.5
85	64.5	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 60.364 ug/l m

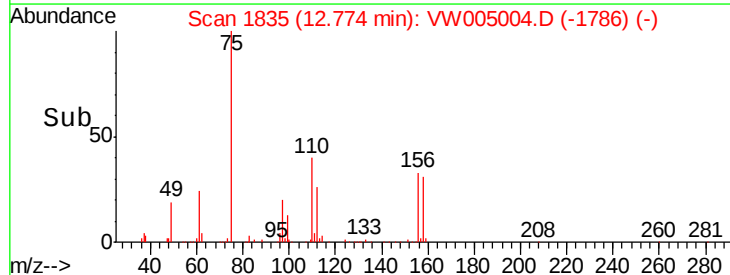
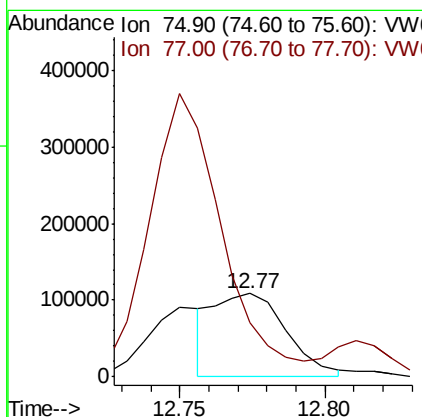
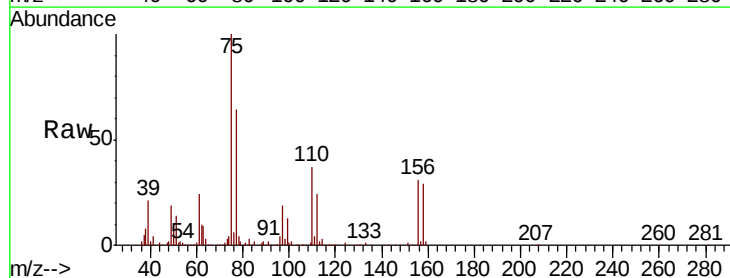
RT: 12.77 min Scan# 1835

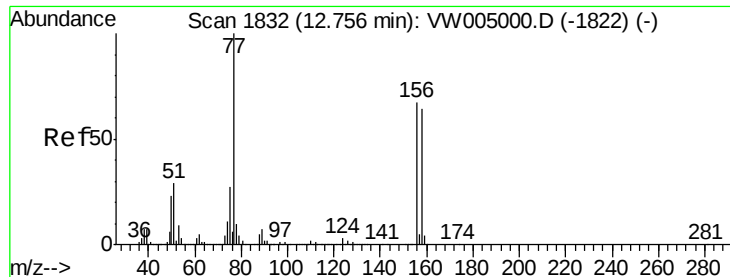
Delta R.T. 0.00 min

Lab File: VW005004.D

Acq: 29 Aug 2018 15:19

Tgt Ion:	75	Resp:	188952
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.193 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.01 min

Lab File: VW005004.D

Acq: 29 Aug 2018 15:19

Instrument :

MSVOA_W

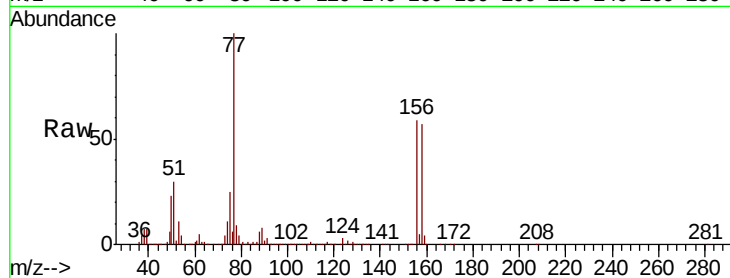
ClientSampleId :

ICVW082918

Tot Ion:	156	Resp:	370055
Ion Ratio	Lower	Upper	
156	100		
77	174.4	86.9	260.6
158	97.2	48.6	145.9

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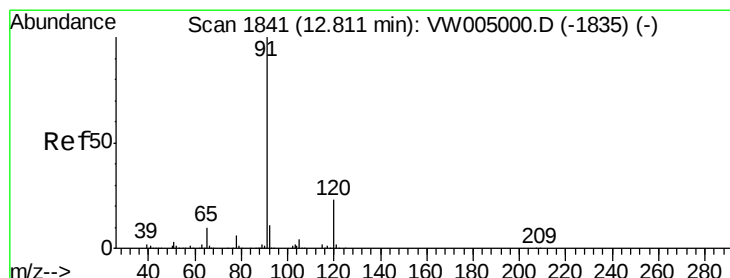
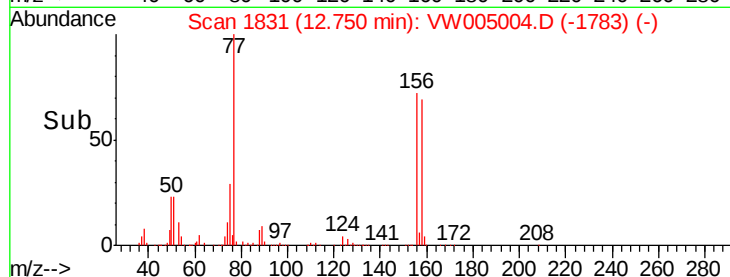
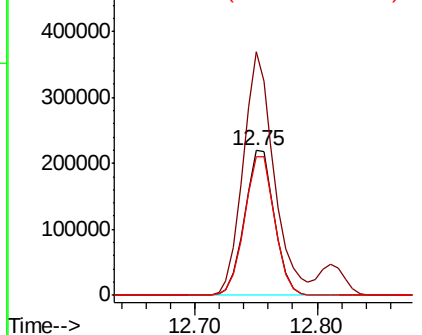
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.241 ug/l

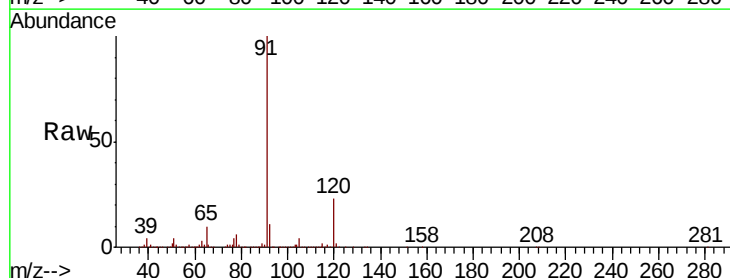
RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW005004.D

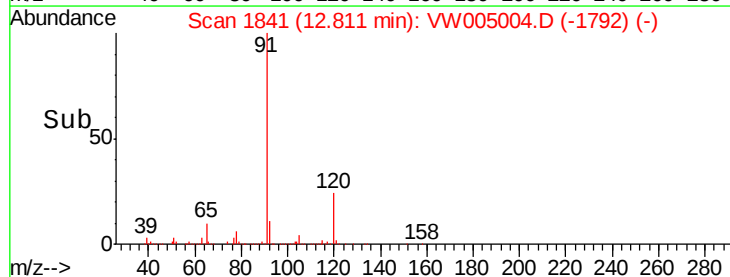
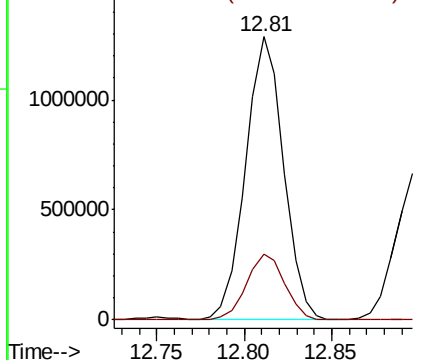
Acq: 29 Aug 2018 15:19

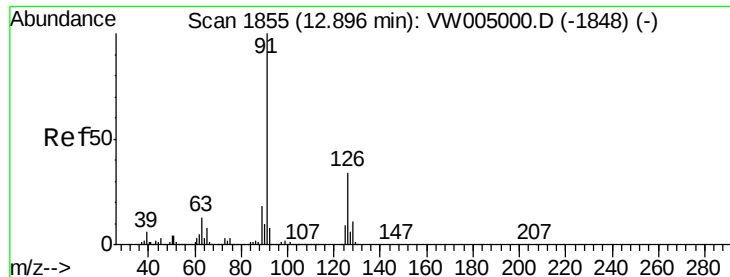
Tgt Ion:	91	Resp:	1934858
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.7	35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





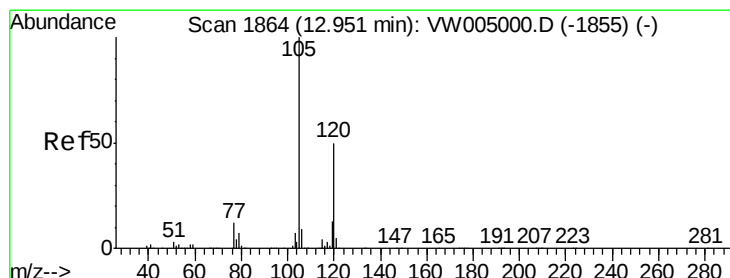
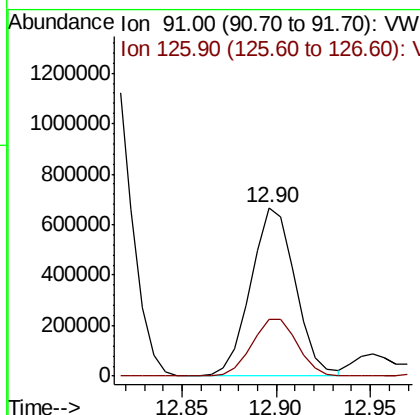
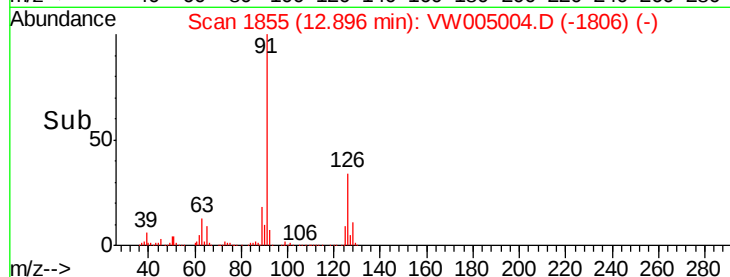
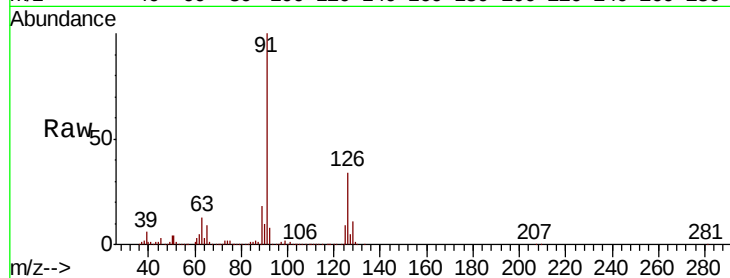
#79
2-Chlorotoluene
Concen: 51.971 ug/l
RT: 12.90 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW005004.D
Acq: 29 Aug 2018 15:19

Instrument :
MSVOA_W
ClientSampleId :
ICVW082918

Tot Ion: 91 Resp: 1090852
Ion Ratio Lower Upper
91 100
126 34.6 17.3 52.0

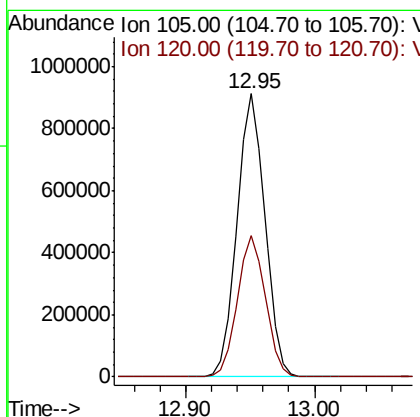
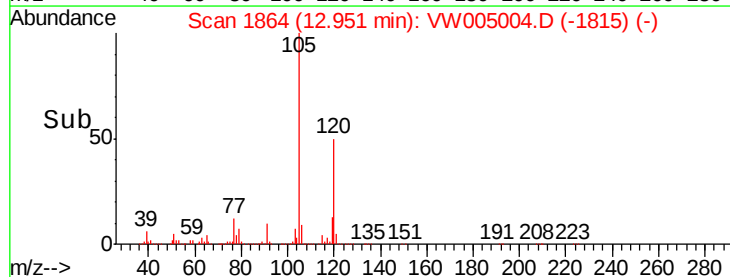
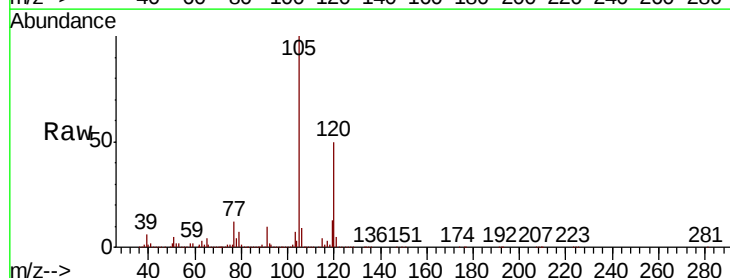
Manual Integrations
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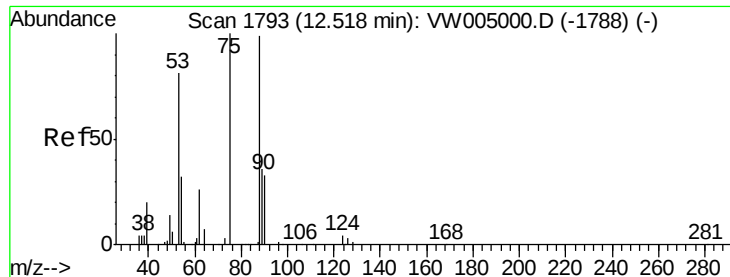
apatel
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#80
1,3,5-Trimethylbenzene
Concen: 52.653 ug/l
RT: 12.95 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VW005004.D
Acq: 29 Aug 2018 15:19

Tgt Ion: 105 Resp: 1370558
Ion Ratio Lower Upper
105 100
120 50.1 25.1 75.3





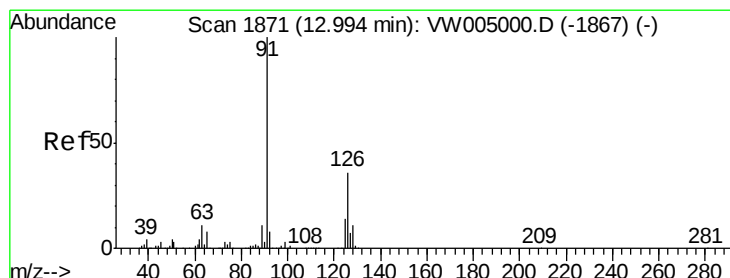
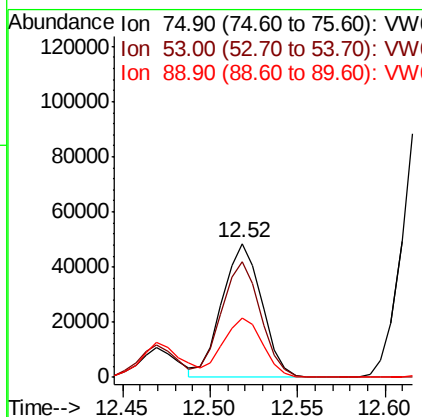
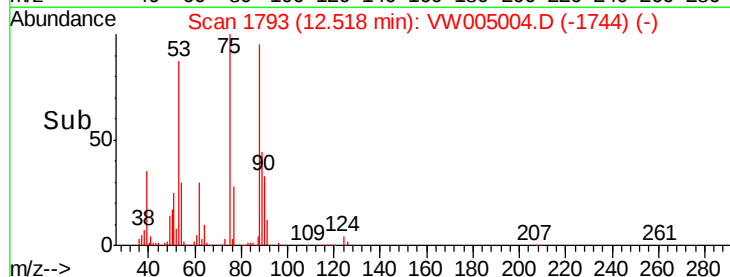
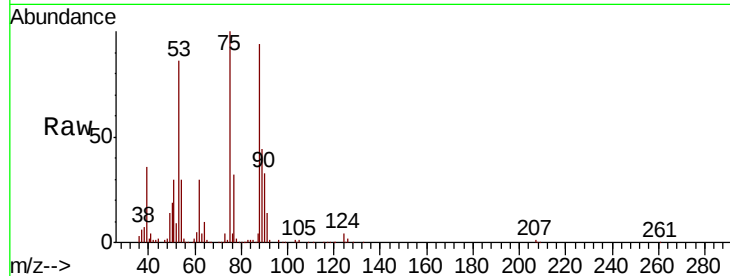
#81
trans-1,4-Dichloro-2-butene
Concen: 54.971 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW005004.D
Acq: 29 Aug 2018 15:19

Instrument :
MSVOA_W
ClientSampleId :
ICVW082918

Tot Ion	Ratio	Lower	Upper
75	100		
53	86.5	67.4	101.2
89	44.7	35.0	52.6

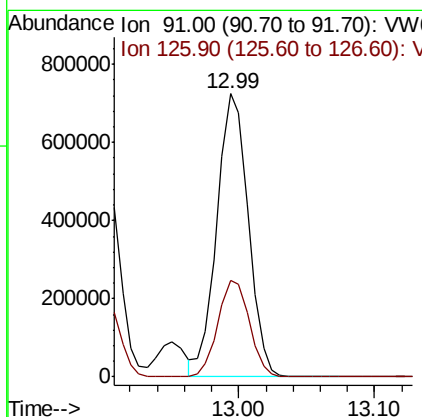
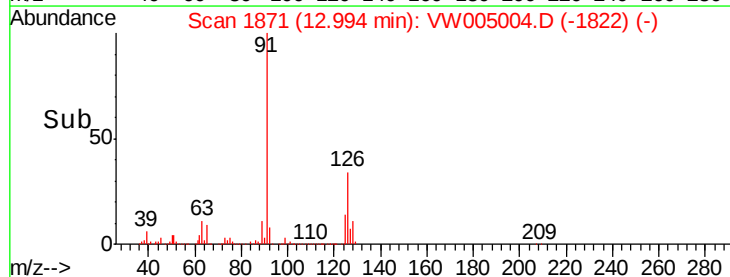
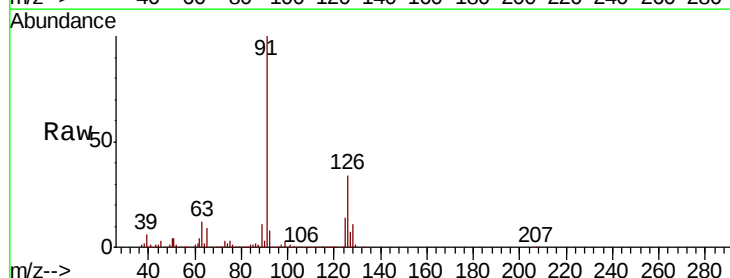
Manual Integrations
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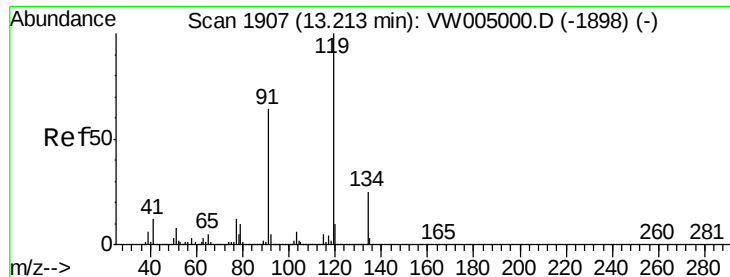
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#82
4-Chlorotoluene
Concen: 51.940 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VW005004.D
Acq: 29 Aug 2018 15:19

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.3	17.5	52.5





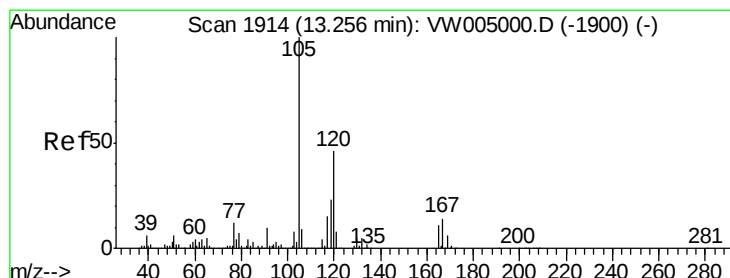
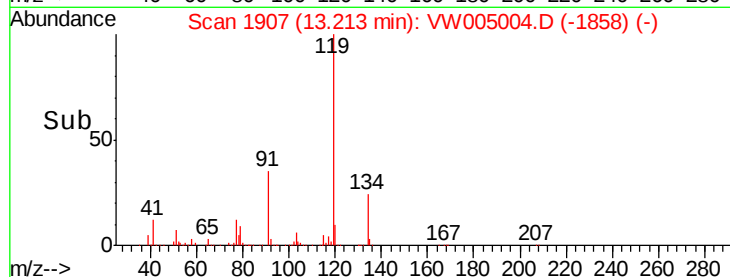
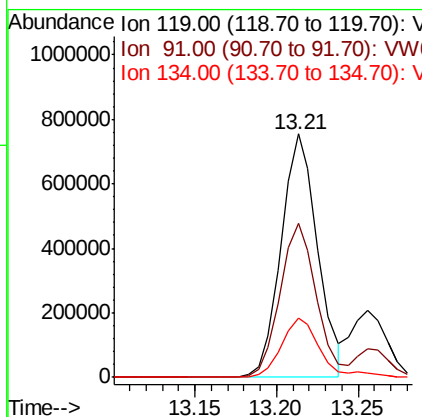
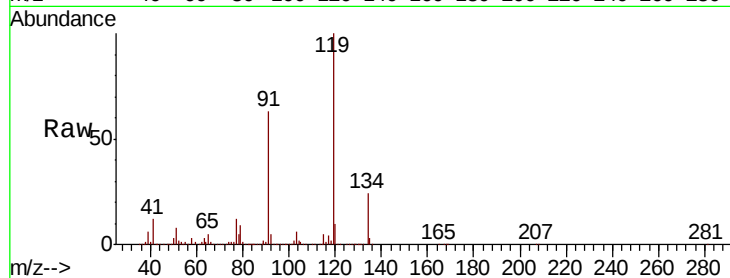
#83
tert-Butylbenzene
Concen: 53.568 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW005004.D
Acq: 29 Aug 2018 15:19

Instrument :
MSVOA_W
ClientSampleId :
ICVW082918

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.4	31.9	95.5
134	26.0	13.2	39.5

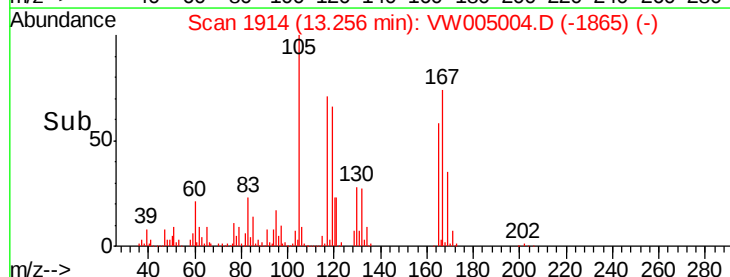
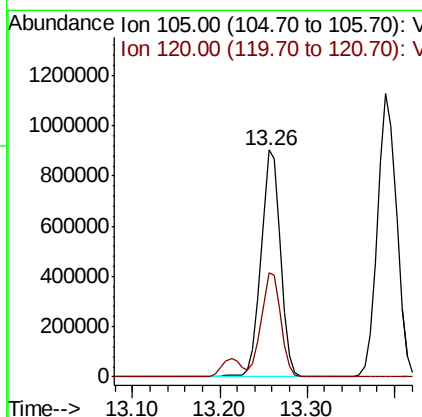
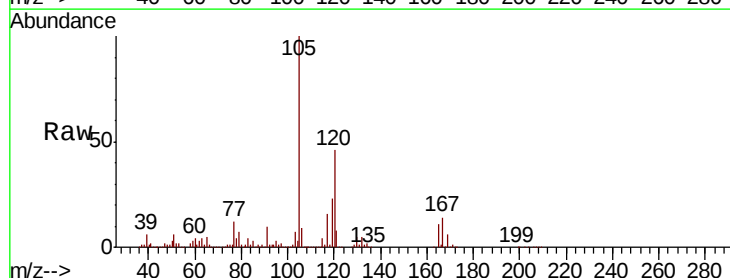
Manual Integrations
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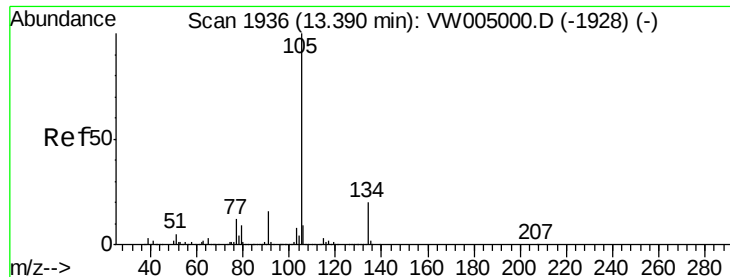
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#84
1,2,4-Trimethylbenzene
Concen: 53.053 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.00 min
Lab File: VW005004.D
Acq: 29 Aug 2018 15:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	22.9	68.7





#85

sec-Butylbenzene

Concen: 53.278 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VW005004.D

Acq: 29 Aug 2018 15:19

Instrument :

MSVOA_W

ClientSampleId :

ICVW082918

Tot Ion:105 Resp: 1709846

Ion Ratio Lower Upper

105 100

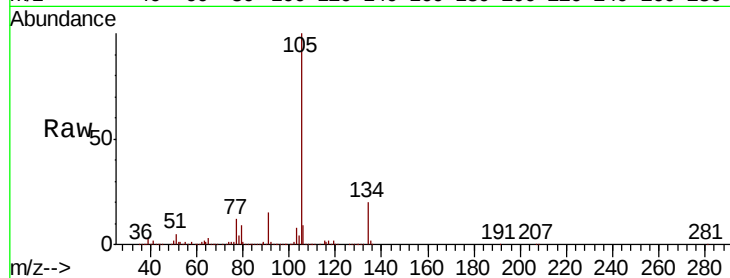
134 20.3 10.1 30.3

Manual Integrations

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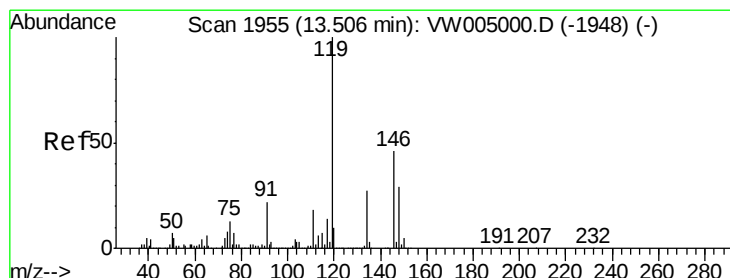
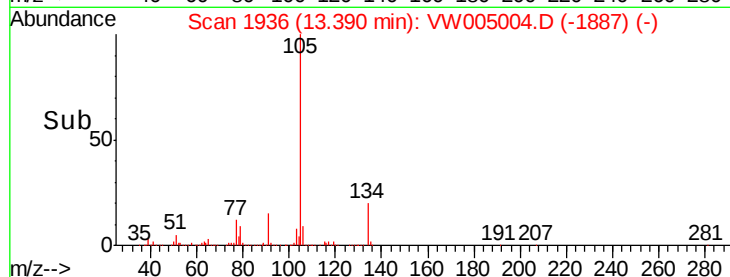
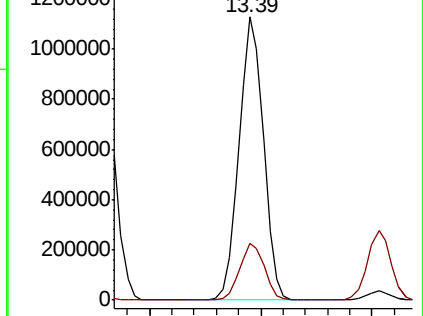
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.740 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW005004.D

Acq: 29 Aug 2018 15:19

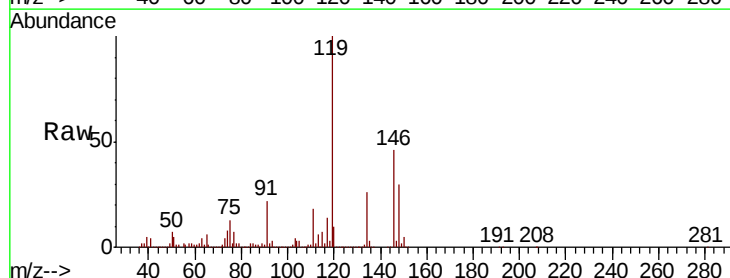
Tgt Ion:119 Resp: 1545140

Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

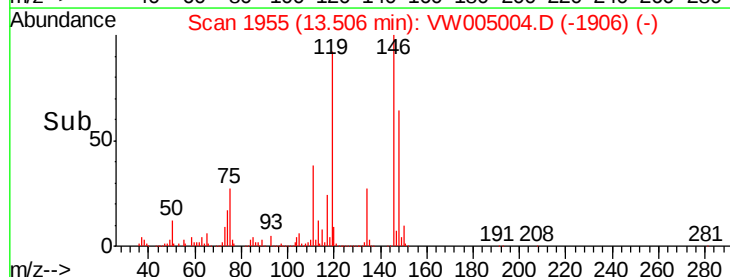
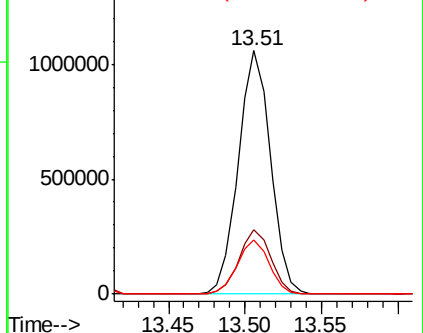
91 21.8 10.9 32.9

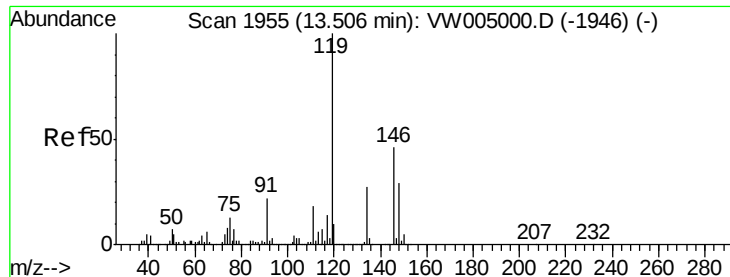


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 50.481 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW005004.D

Acq: 29 Aug 2018 15:19

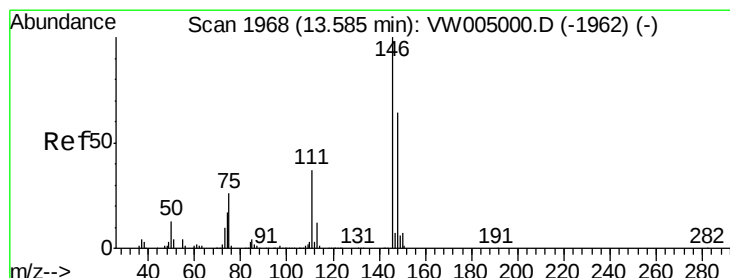
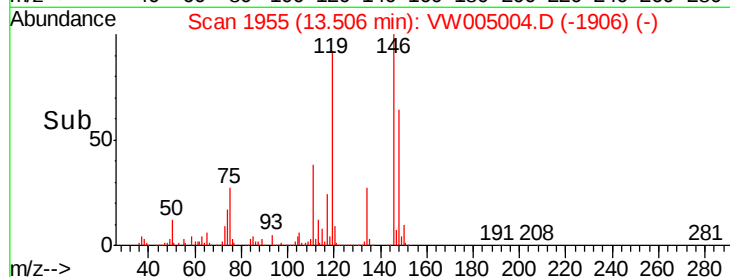
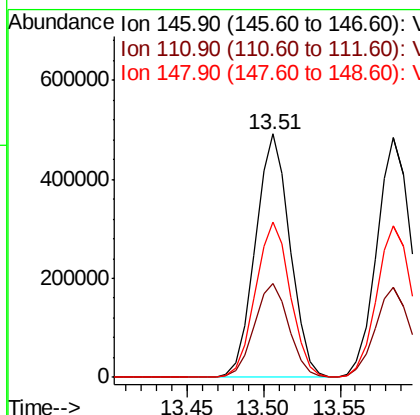
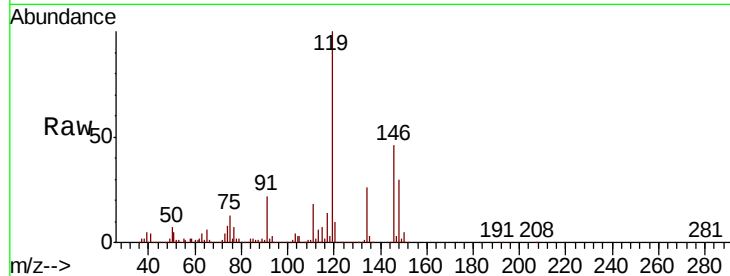
Instrument :
MSVOA_W

ClientSampleId :
ICVW082918

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.3	57.8
148	64.1	31.6	94.7

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 50.114 ug/l

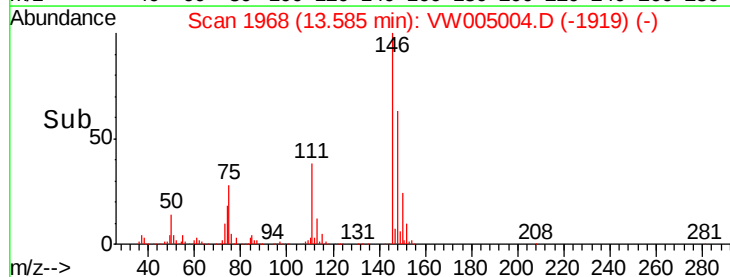
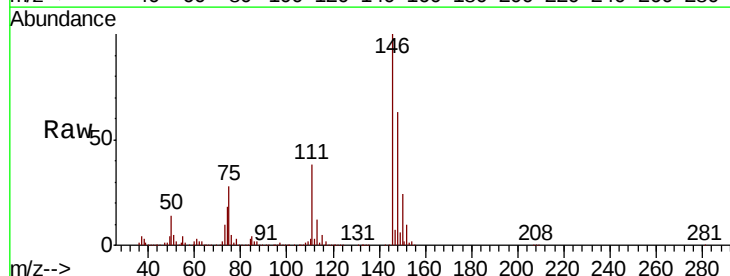
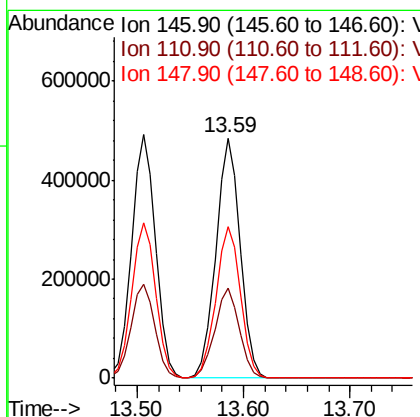
RT: 13.59 min Scan# 1968

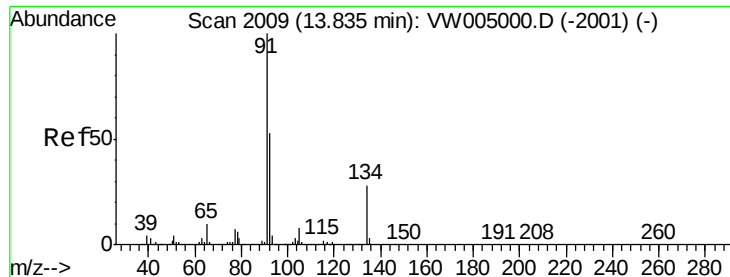
Delta R.T. 0.00 min

Lab File: VW005004.D

Acq: 29 Aug 2018 15:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.7	56.1
148	64.2	31.7	95.1





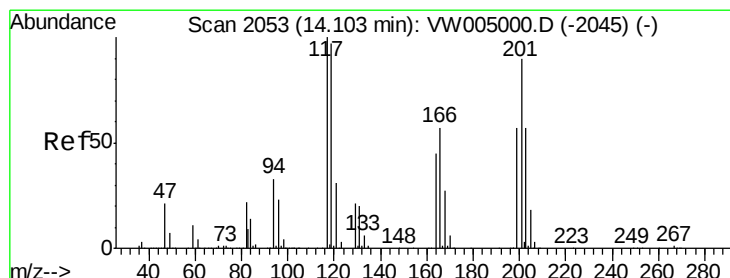
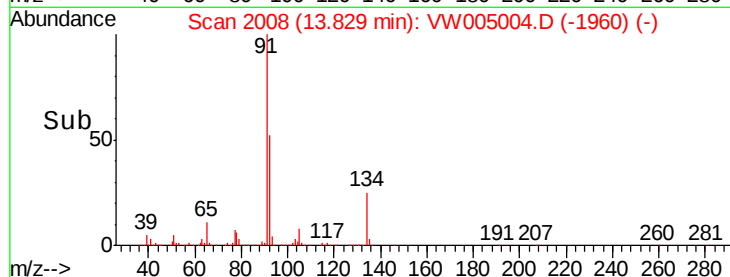
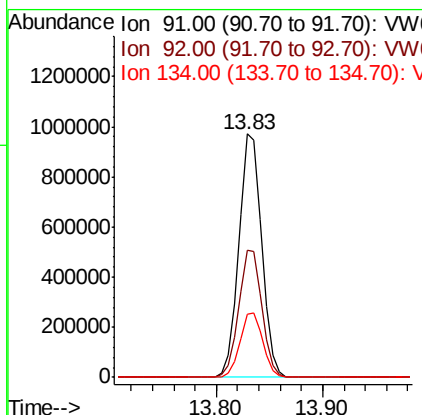
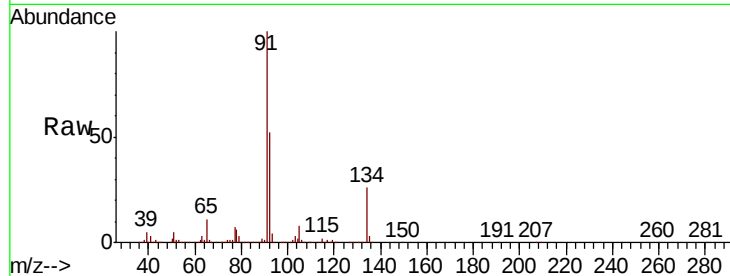
#89
n-Butylbenzene
Concen: 54.084 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. -0.01 min
Lab File: VW005004.D
Acq: 29 Aug 2018 15:19

Instrument :
MSVOA_W
ClientSampleId :
ICVW082918

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.5	79.4
134	26.7	13.4	40.1

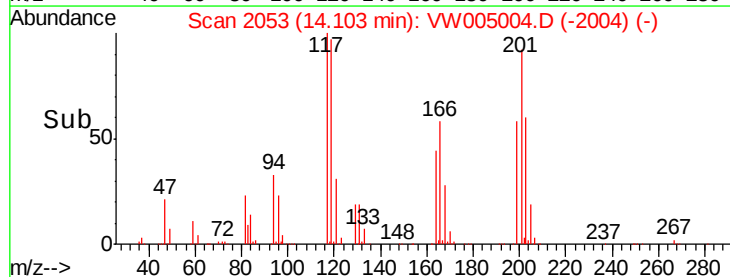
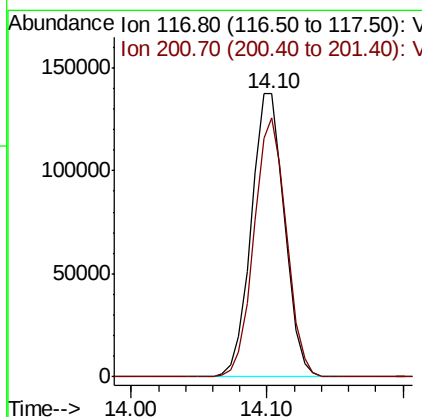
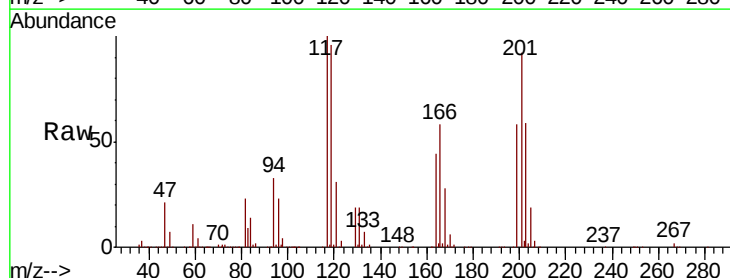
Manual Integrations
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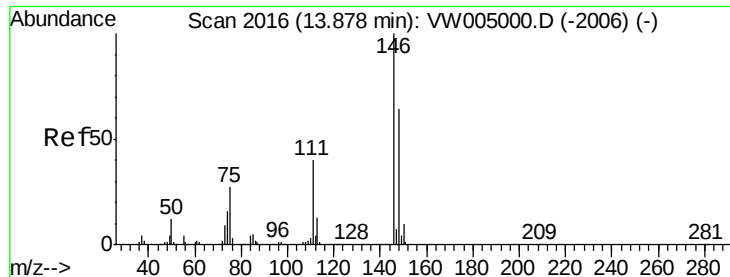
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#90
Hexachloroethane
Concen: 52.210 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW005004.D
Acq: 29 Aug 2018 15:19

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.8	44.3	132.8





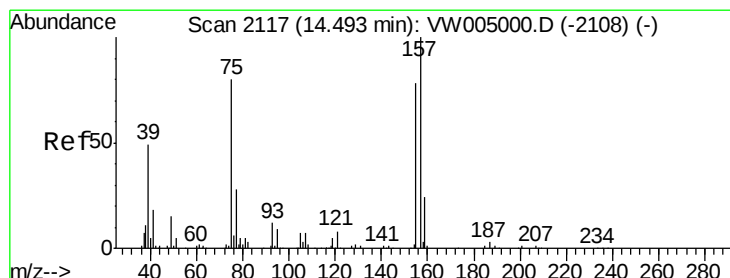
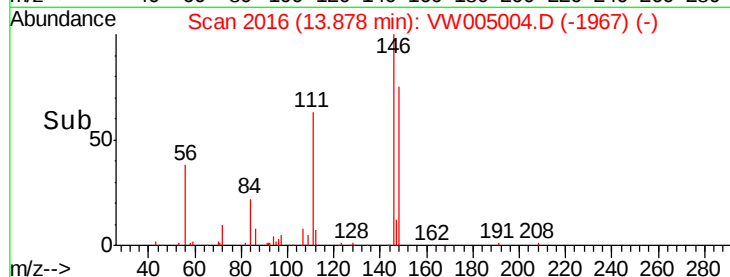
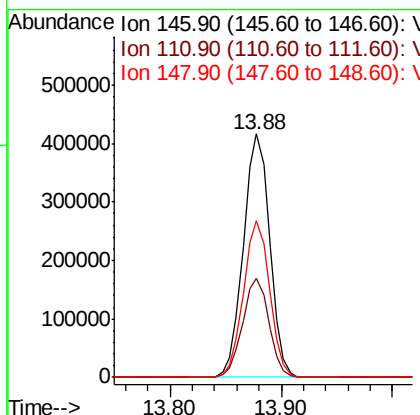
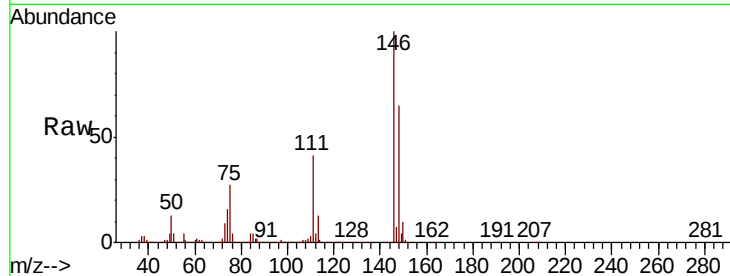
#91
 1,2-Dichlorobenzene
 Concen: 50.810 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW005004.D
 Acq: 29 Aug 2018 15:19

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW082918

Tot Ion	Ratio	Resp	Lower	Upper
146	100	685413		
111	40.5		19.9	59.7
148	63.8		31.9	95.7

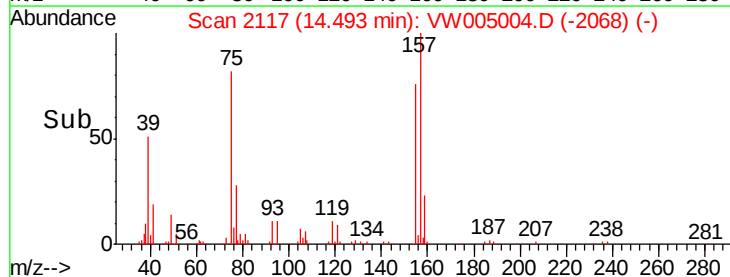
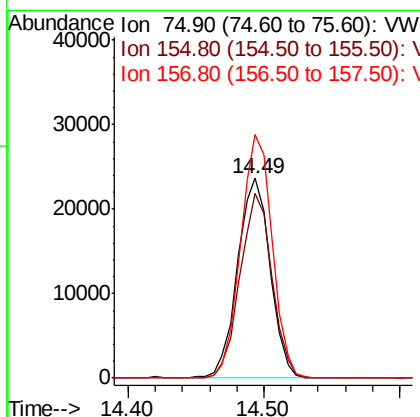
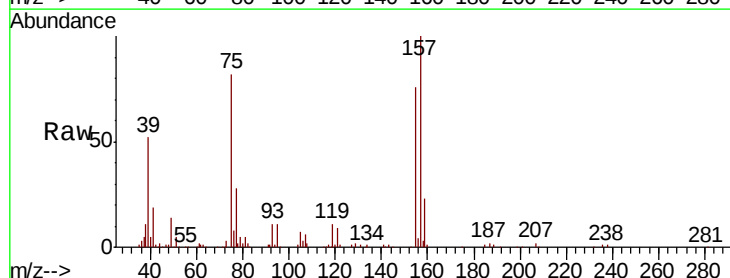
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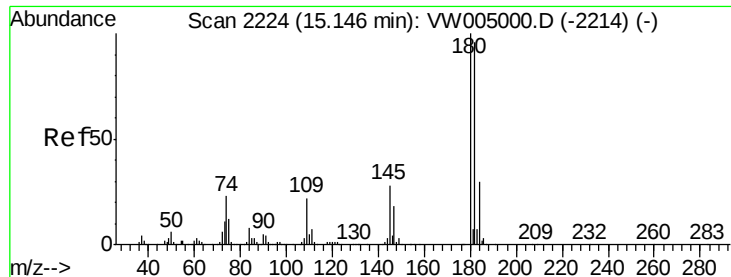
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.388 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW005004.D
 Acq: 29 Aug 2018 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	39591		
155	90.4		46.1	138.2
157	118.1		58.7	176.1





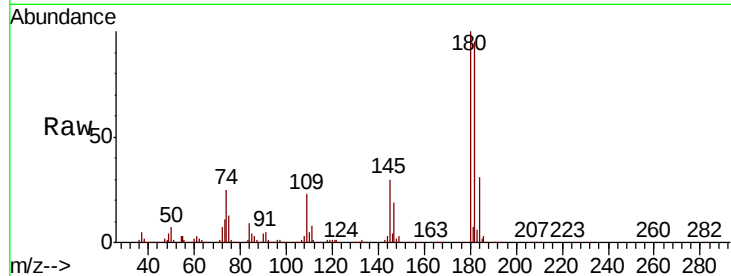
#93
 1,2,4-Trichlorobenzene
 Concen: 53.338 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: VW005004.D
 Acq: 29 Aug 2018 15:19

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW082918

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.2	47.6	142.8	
145	28.8	14.3	42.9	

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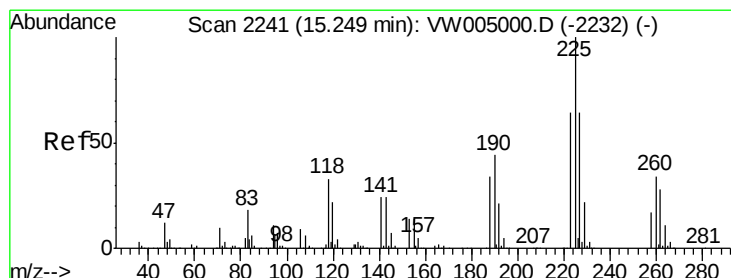
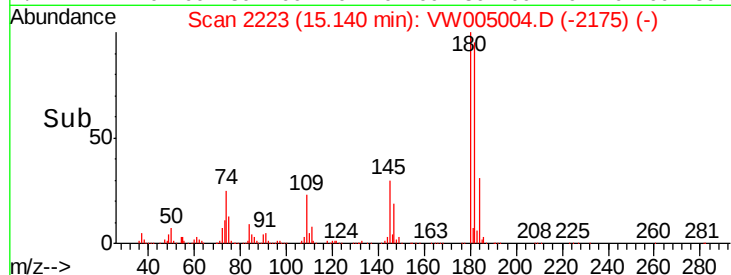
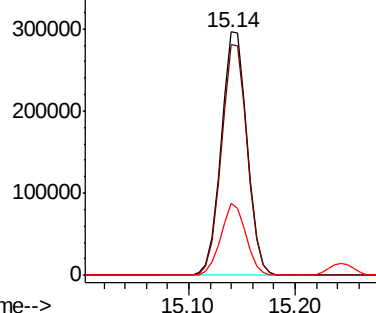


Abundance

Ion 179.80 (179.50 to 180.50): V

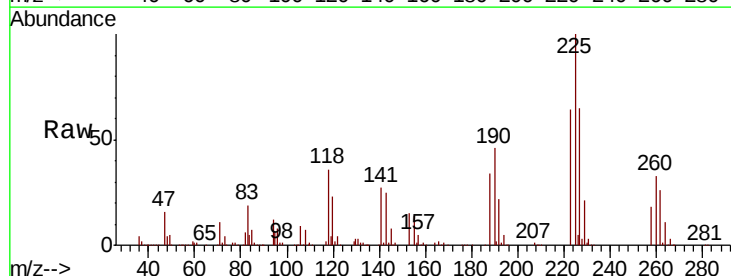
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 51.104 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: VW005004.D
 Acq: 29 Aug 2018 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.8	32.0	96.0	
227	64.6	31.9	95.7	

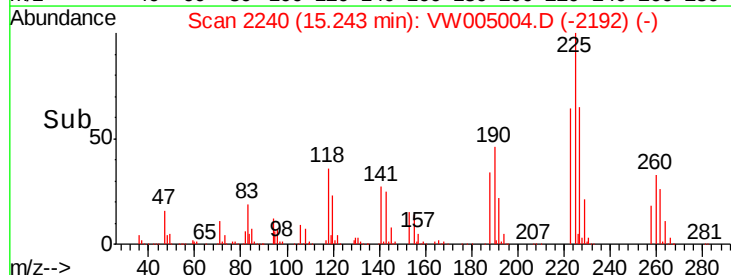
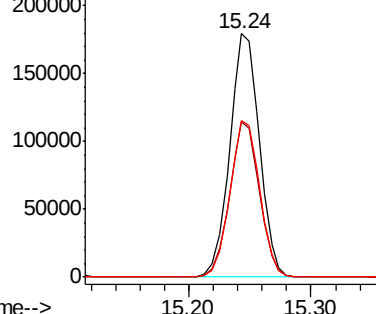


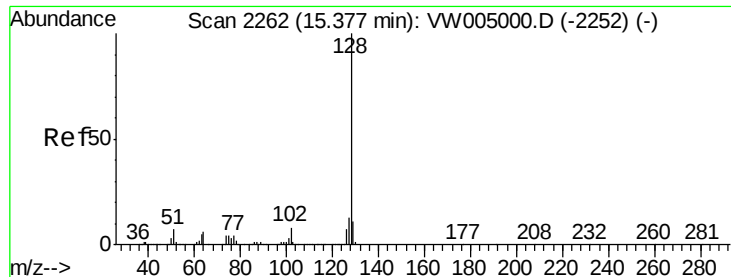
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





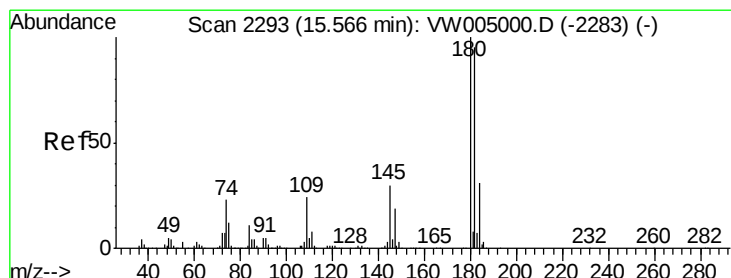
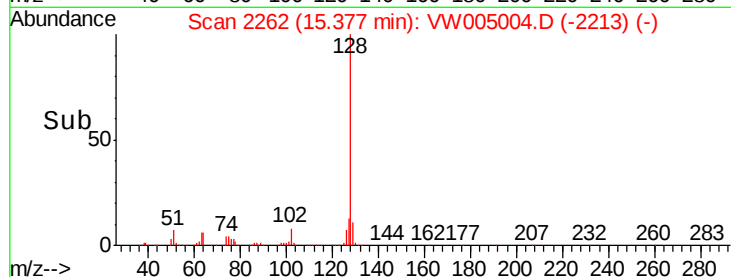
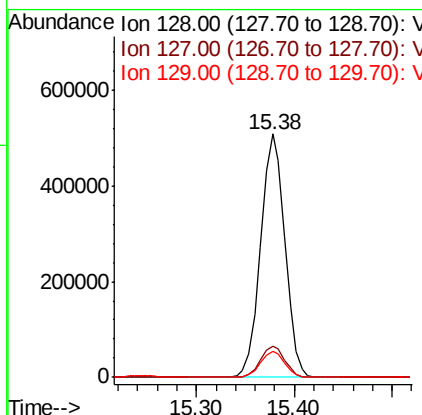
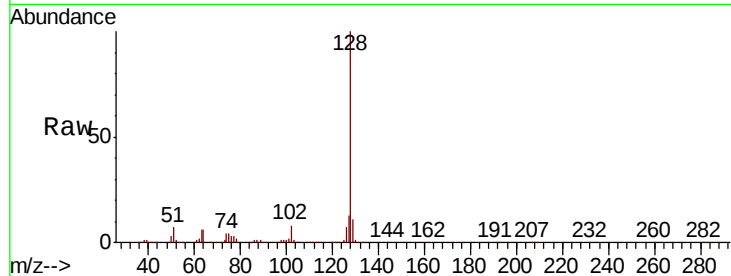
#95
Naphthalene
Concen: 49.442 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW005004.D
Acq: 29 Aug 2018 15:19

Instrument :
MSVOA_W
ClientSampleId :
ICVW082918

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	10.7	8.7	13.1

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#96
1,2,3-Trichlorobenzene
Concen: 53.258 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW005004.D
Acq: 29 Aug 2018 15:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.6	142.8
145	30.5	15.1	45.3

