

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091118\
 Data File : VW005265.D
 Acq On : 11 Sep 2018 10:23
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 9/12/2018 10:29:08 AM

Quant Time: Sep 11 12:55:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	486456	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	667940	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	651010	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	359073	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	174324	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
35) Dibromofluoromethane	7.89	113	182468	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	
50) Toluene-d8	10.33	98	928450	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	
62) 4-Bromofluorobenzene	12.63	95	333791	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	184043	43.86	ug/l	100
3) Chloromethane	2.22	50	249186	44.42	ug/l	99
4) Vinyl Chloride	2.36	62	233965	45.43	ug/l	97
5) Bromomethane	2.76	94	167506	53.85	ug/l	98
6) Chloroethane	2.92	64	132705	46.78	ug/l	98
7) Trichlorofluoromethane	3.26	101	267152	45.85	ug/l	100
8) Diethyl Ether	3.69	74	89888	43.29	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	186603	44.84	ug/l	98
10) Methyl Iodide	4.27	142	200719	39.55	ug/l	99
11) Tert butyl alcohol	5.17	59	64491	216.74	ug/l	100
12) 1,1-Dichloroethene	4.04	96	176487	46.06	ug/l	98
13) Acrolein	3.90	56	75075	261.20	ug/l	96
14) Allyl chloride	4.68	41	262834	44.64	ug/l	99
15) Acrylonitrile	5.37	53	203934	217.70	ug/l	98
16) Acetone	4.13	43	153185	227.46	ug/l	97
17) Carbon Disulfide	4.38	76	610108	45.36	ug/l	100
18) Methyl Acetate	4.67	43	86905	43.23	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	408743	44.79	ug/l	98
20) Methylene Chloride	4.92	84	228615	45.37	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	205860	46.01	ug/l	96
22) Diisopropyl ether	6.32	45	551848	46.56	ug/l	97
23) Vinyl Acetate	6.26	43	1495002	226.31	ug/l	99
24) 1,1-Dichloroethane	6.23	63	330287	45.27	ug/l	99
25) 2-Butanone	7.18	43	243307	229.04	ug/l	96
26) 2,2-Dichloropropane	7.18	77	304401	48.12	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	220910	46.14	ug/l	99
28) Bromochloromethane	7.52	49	127582	47.40	ug/l	# 98
29) Tetrahydrofuran	7.54	42	153869	214.94	ug/l	98
30) Chloroform	7.68	83	335966	45.88	ug/l	100
31) Cyclohexane	7.96	56	358235	46.14	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	311310	47.06	ug/l	99
36) 1,1-Dichloropropene	8.09	75	299990	49.02	ug/l	99
37) Ethyl Acetate	7.26	43	102256	43.93	ug/l	99
38) Carbon Tetrachloride	8.07	117	281526	49.11	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	396114	48.75	ug/l	98
40) Benzene	8.33	78	893979	49.59	ug/l	99
41) Methacrylonitrile	7.49	41	57884	48.47	ug/l	95
42) 1,2-Dichloroethane	8.41	62	199104	46.16	ug/l	99
43) Isopropyl Acetate	8.43	43	196571	45.48	ug/l	97
44) Trichloroethene	9.10	130	242670	49.06	ug/l	98
45) 1,2-Dichloropropane	9.38	63	208292	48.07	ug/l	98
46) Dibromomethane	9.46	93	97824	46.12	ug/l	99
47) Bromodichloromethane	9.65	83	244306	47.08	ug/l	98
48) Methyl methacrylate	9.44	41	106438	47.43	ug/l	99
49) 1,4-Dioxane	9.45	88	40630	1025.94	ug/l	94
51) 4-Methyl-2-Pentanone	10.22	43	548715	225.59	ug/l	100
52) Toluene	10.40	92	635200	48.48	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	266796	47.58	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	301142	44.84	ug/l	94
55) 1,1,2-Trichloroethane	10.79	97	155004	45.83	ug/l	98
56) Ethyl methacrylate	10.65	69	200492	46.76	ug/l	98
57) 1,3-Dichloropropane	10.94	76	258958	46.11	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	454295	243.77	ug/l	98
59) 2-Hexanone	10.98	43	417786	238.25	ug/l	100
60) Dibromochloromethane	11.13	129	178496	47.56	ug/l	99
61) 1,2-Dibromoethane	11.24	107	143123	46.15	ug/l	99
64) Tetrachloroethene	10.87	164	239332	49.55	ug/l	98
65) Chlorobenzene	11.66	112	699900	49.08	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	206902	48.59	ug/l	99
67) Ethyl Benzene	11.74	91	1243761	50.08	ug/l	99
68) m/p-Xylenes	11.85	106	1008434	100.76	ug/l	98
69) o-Xylene	12.18	106	462111	49.63	ug/l	99
70) Styrene	12.19	104	769470	50.64	ug/l	100
71) Bromoform	12.35	173	110153	47.71	ug/l #	98
73) Isopropylbenzene	12.47	105	1272728	50.17	ug/l	100
74) N-amyl acetate	12.28	43	218738	45.32	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	174830	45.85	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	124843m	45.20	ug/l	
77) Bromobenzene	12.76	156	293693	49.14	ug/l	98
78) n-propylbenzene	12.81	91	1542665	50.63	ug/l	99
79) 2-Chlorotoluene	12.90	91	861080	49.28	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1089404	50.43	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	54771	46.51	ug/l	97
82) 4-Chlorotoluene	13.00	91	904329	49.24	ug/l	99
83) tert-Butylbenzene	13.21	119	962289	50.93	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	1094250	50.41	ug/l	99
85) sec-Butylbenzene	13.40	105	1382540	50.91	ug/l	99
86) p-Isopropyltoluene	13.51	119	1240383	51.60	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	613097	48.85	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	601847	48.82	ug/l	99
89) n-Butylbenzene	13.83	91	1149105	50.85	ug/l	98
90) Hexachloroethane	14.10	117	192162	49.90	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	538670	48.83	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	28640	45.17	ug/l	98

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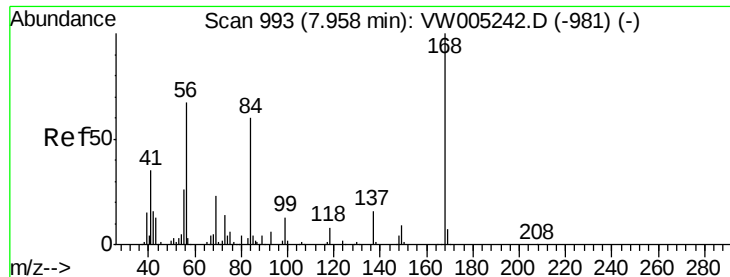
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	370884	47.53	ug/l	99
94) Hexachlorobutadiene	15.25	225	246423	49.32	ug/l	99
95) Naphthalene	15.38	128	592275	46.81	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	316568	47.15	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 486456

Ion Ratio Lower Upper

168 100

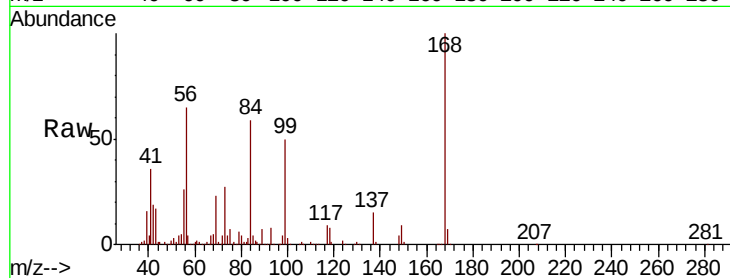
99 50.2 39.1 58.7

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

250000

200000

150000

100000

50000

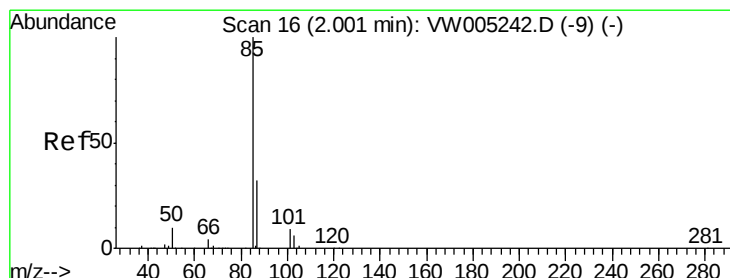
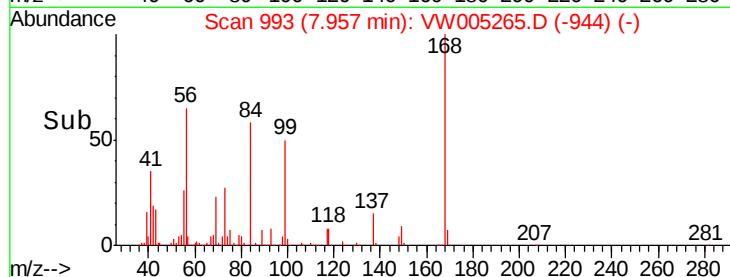
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 43.86 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW005265.D

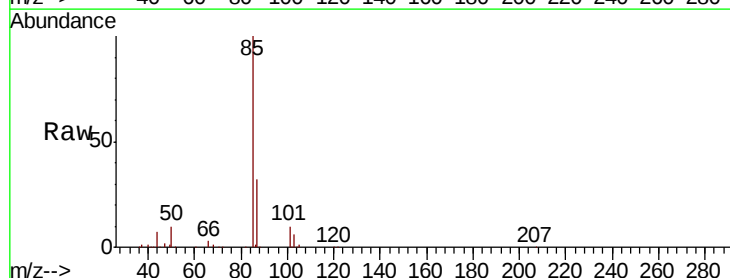
Acq: 11 Sep 2018 10:23

Tgt Ion: 85 Resp: 184043

Ion Ratio Lower Upper

85 100

87 31.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

100000

50000

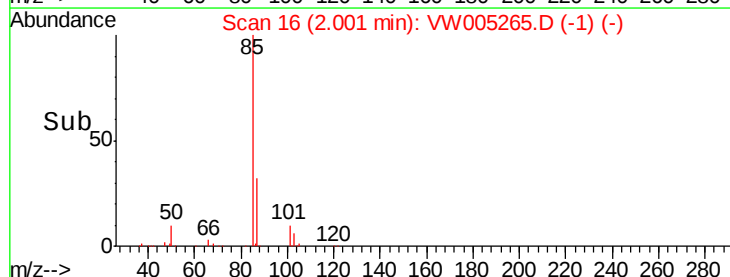
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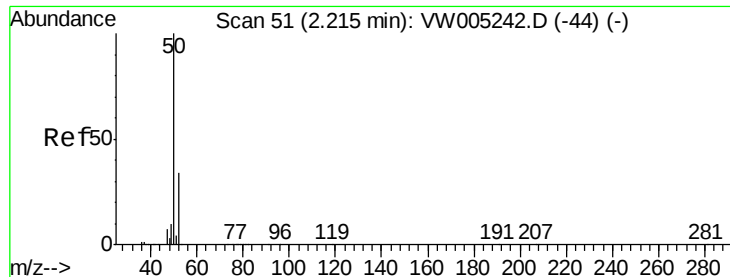
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 44.42 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 249186

Ion Ratio Lower Upper

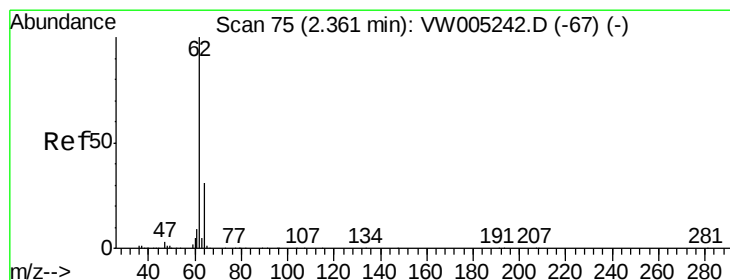
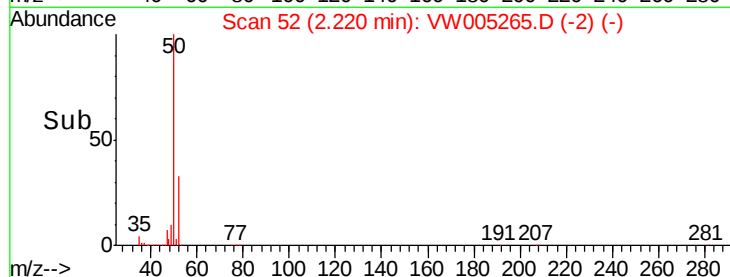
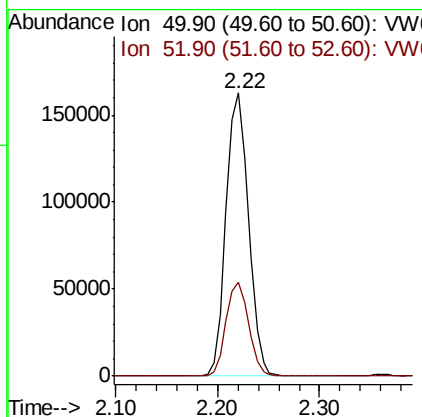
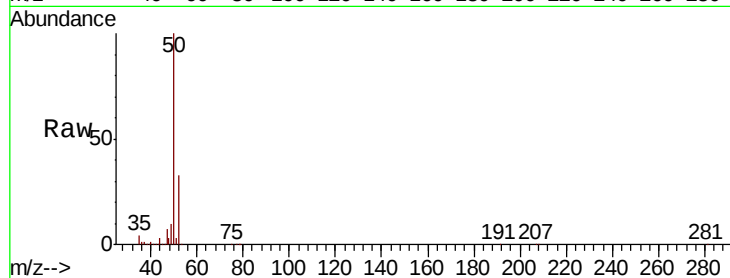
50 100

52 33.0 27.0 40.4

Manual Integrations
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#4

Vinyl Chloride

Concen: 45.43 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW005265.D

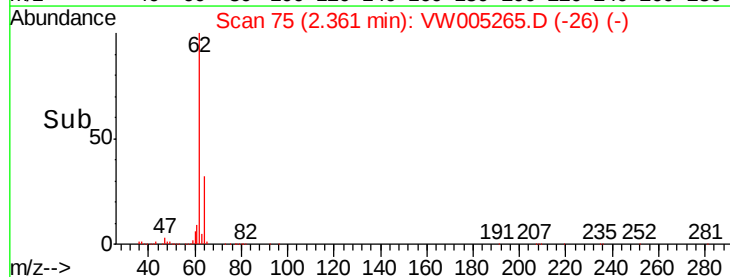
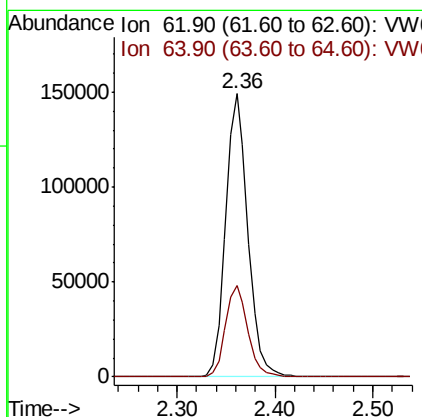
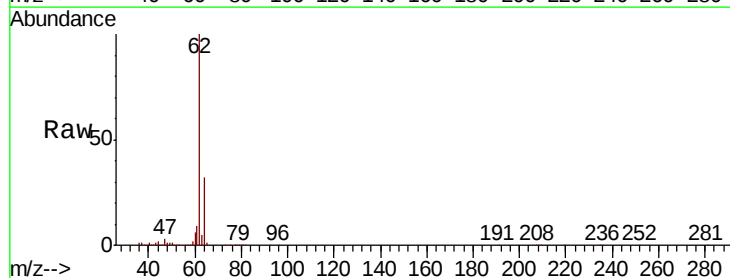
Acq: 11 Sep 2018 10:23

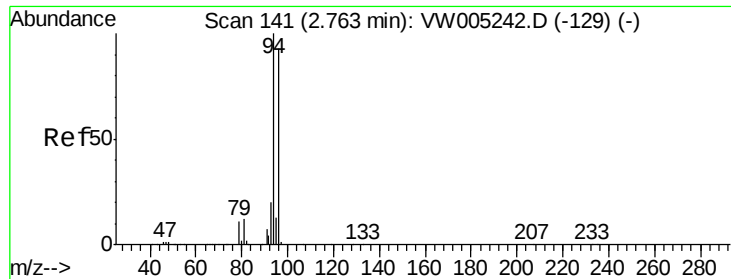
Tgt Ion: 62 Resp: 233965

Ion Ratio Lower Upper

62 100

64 32.5 24.6 37.0





#5

Bromomethane

Concen: 53.85 ug/l

RT: 2.76 min Scan# 141

Delta R.T. 0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 167506

Ion Ratio Lower Upper

94 100

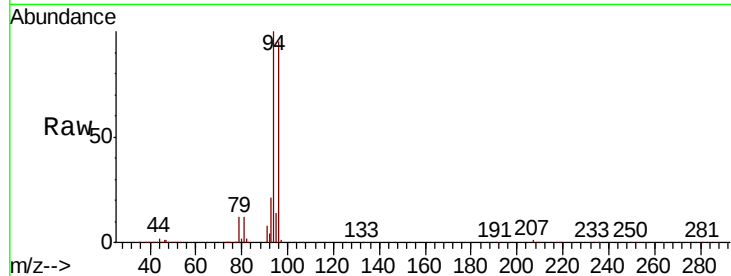
96 94.8 74.1 111.1

Manual Integrations

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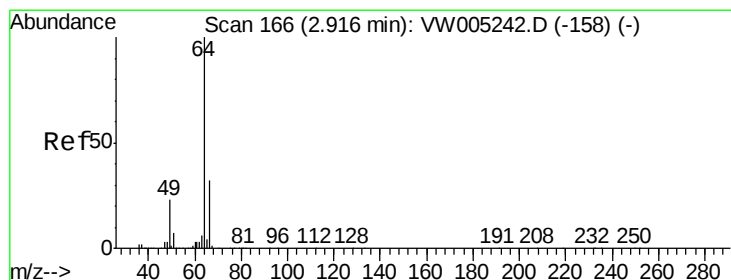
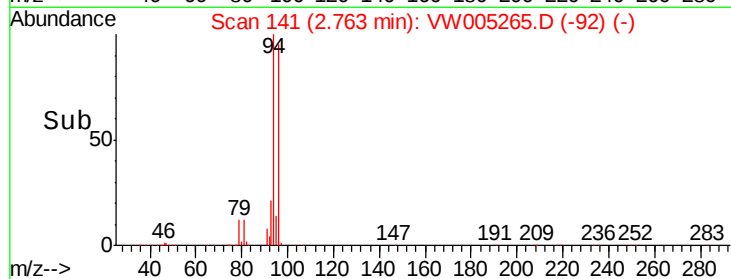
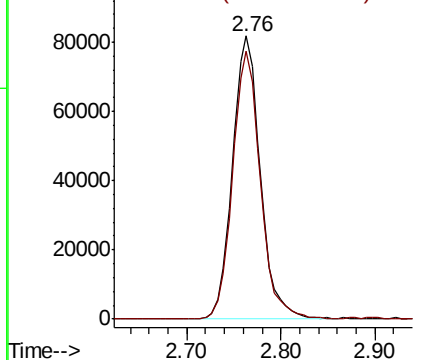
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 46.78 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW005265.D

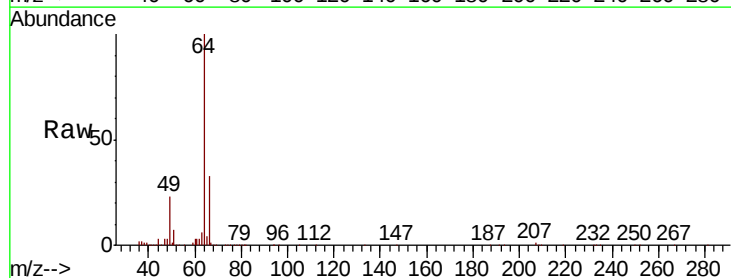
Acq: 11 Sep 2018 10:23

Tgt Ion: 64 Resp: 132705

Ion Ratio Lower Upper

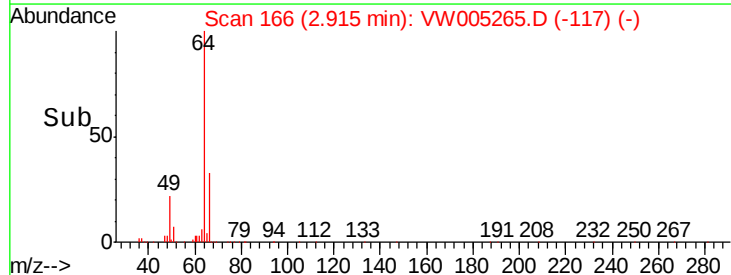
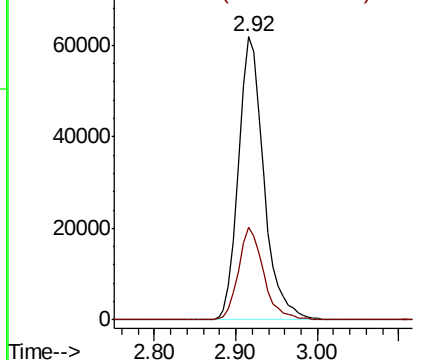
64 100

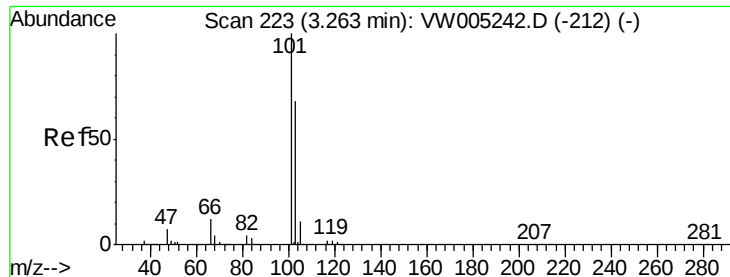
66 32.7 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

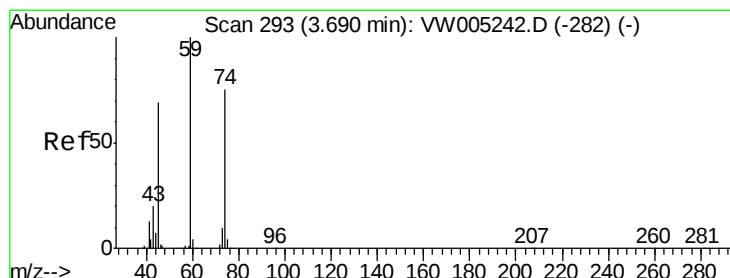
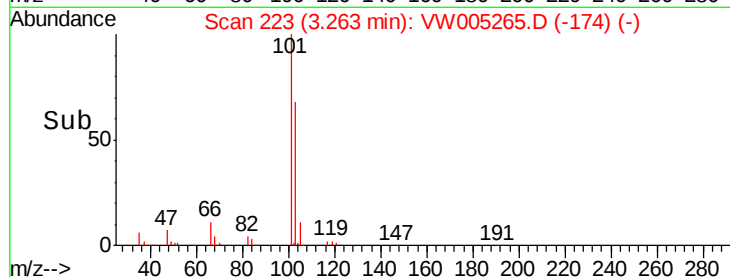
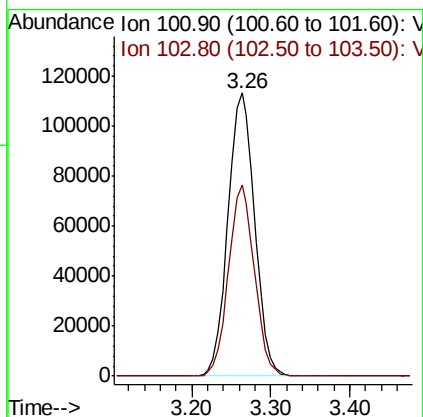
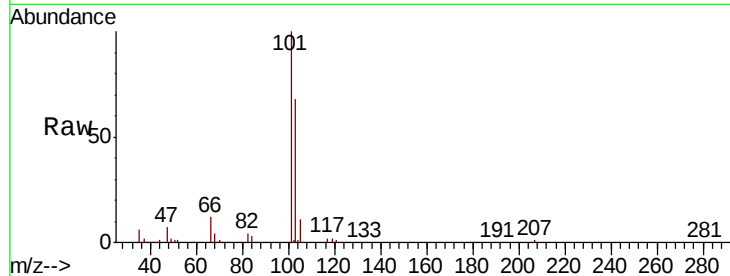
Trichlorofluoromethane
Concen: 45.85 ug/l
RT: 3.26 min Scan# 223
Delta R.T. -0.00 min
Lab File: VW005265.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	267152		
103	67.5	54.1	81.1	

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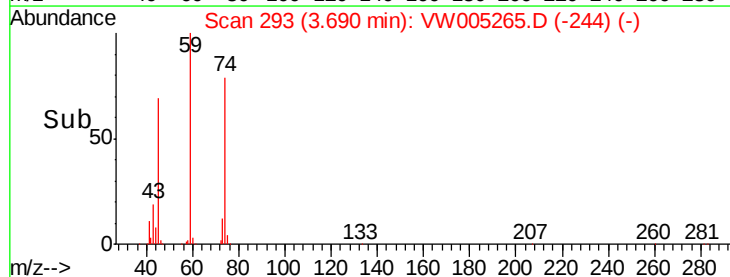
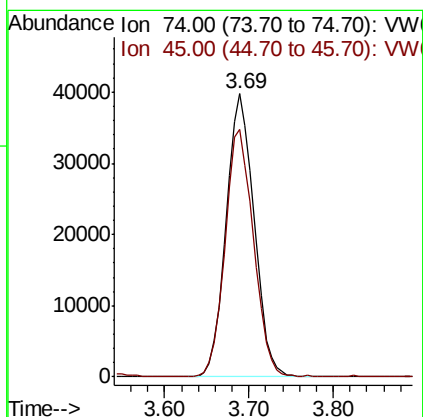
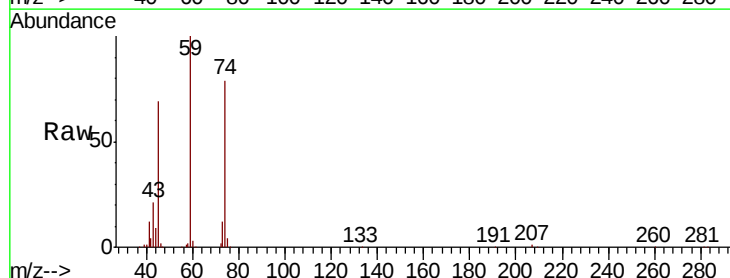
apatel
9/12/2018 10:29:08 AM

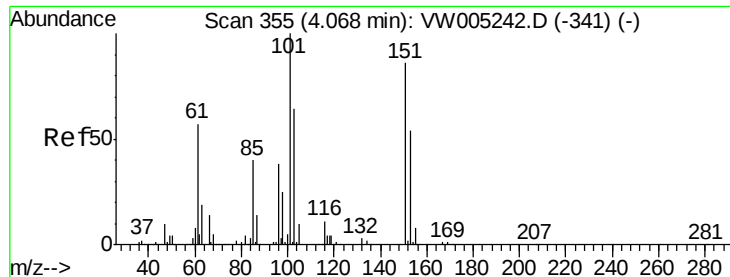


#8

Diethyl Ether
Concen: 43.29 ug/l
RT: 3.69 min Scan# 293
Delta R.T. -0.00 min
Lab File: VW005265.D
Acq: 11 Sep 2018 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	89888		
45	88.5	45.1	135.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.84 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

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MSVOA_W

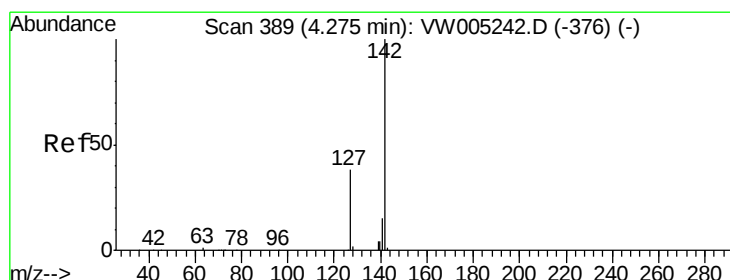
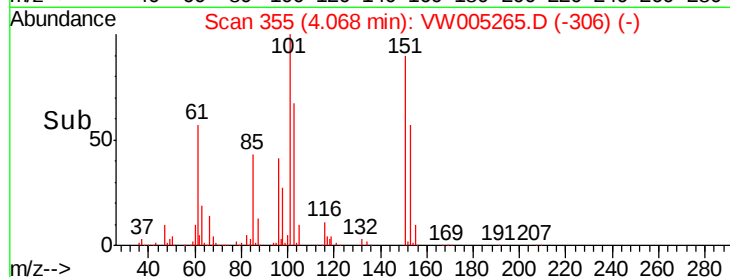
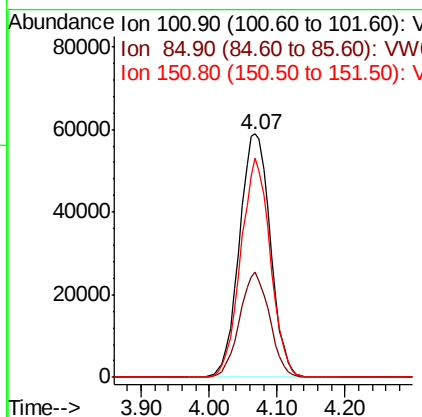
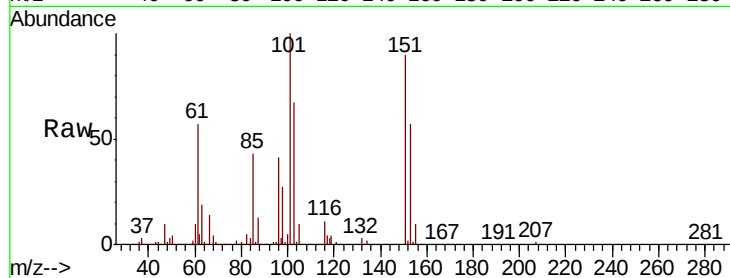
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	186603
Ion Ratio	Lower	Upper	
101	100		
85	41.7	32.7	49.1
151	86.0	67.6	101.4

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#10

Methyl Iodide

Concen: 39.55 ug/l

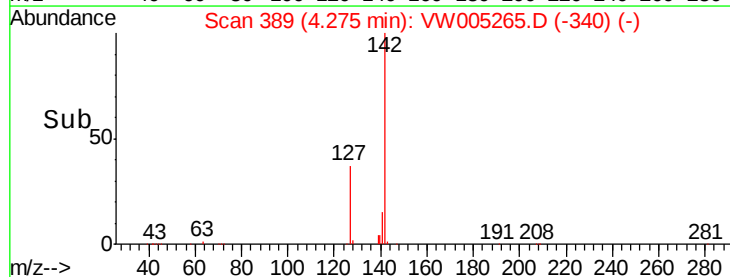
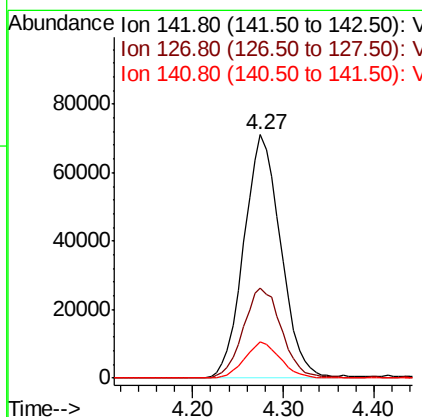
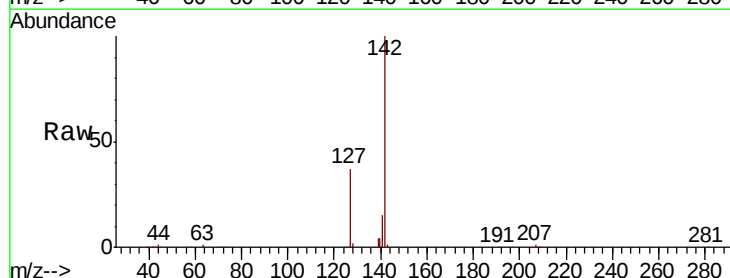
RT: 4.27 min Scan# 389

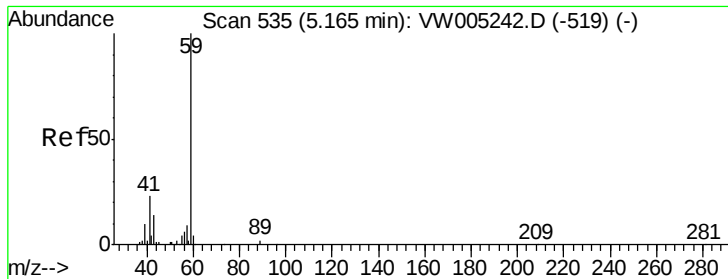
Delta R.T. -0.00 min

Lab File: VW005265.D

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Tgt Ion:	142	Resp:	200719
Ion Ratio	Lower	Upper	
142	100		
127	38.6	30.3	45.5
141	14.3	11.4	17.0





#11

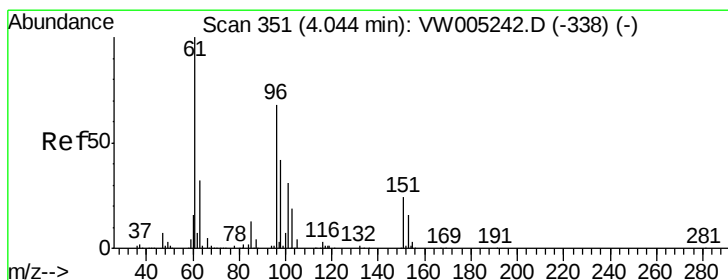
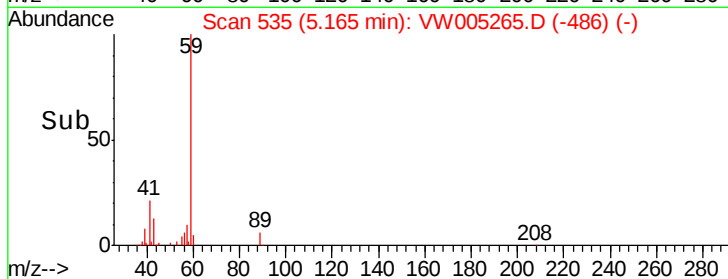
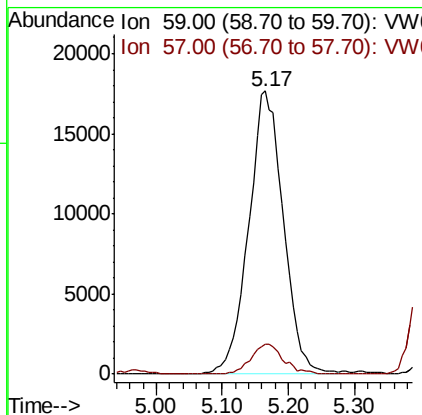
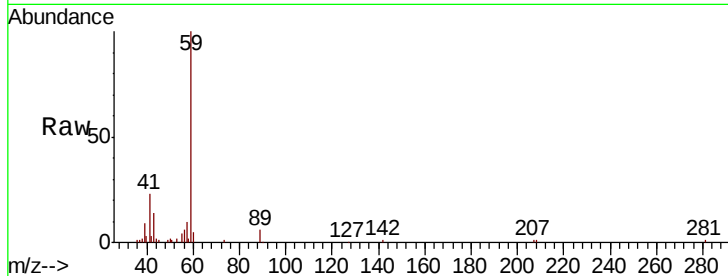
Tert butyl alcohol
 Concen: 216.74 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: VW005265.D
 Acq: 11 Sep 2018 10:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.1	12.1

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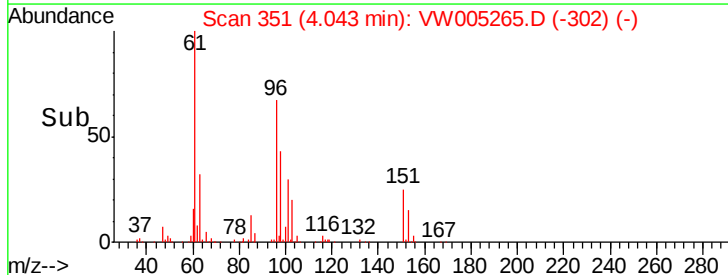
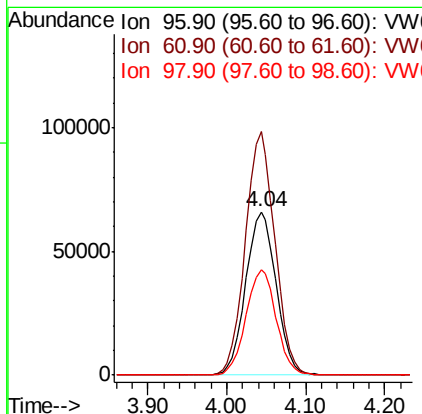
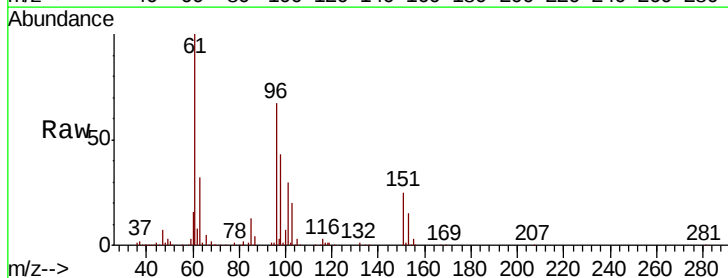
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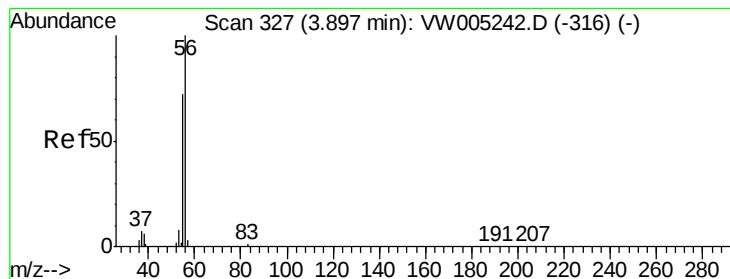


#12

1,1-Dichloroethene
 Concen: 46.06 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VW005265.D
 Acq: 11 Sep 2018 10:23

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.1	118.2	177.2
98	64.6	49.9	74.9





#13

Acrolein

Concen: 261.20 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 75075

Ion Ratio Lower Upper

56 100

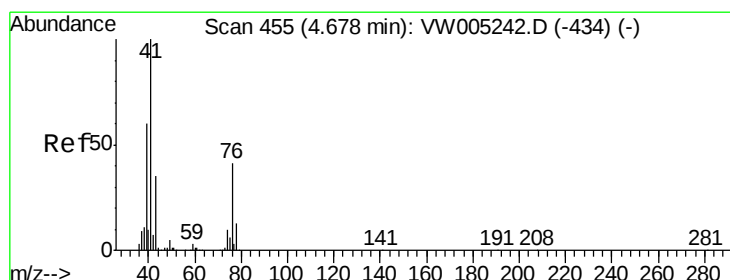
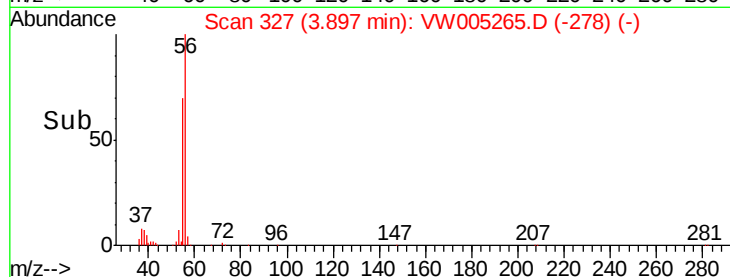
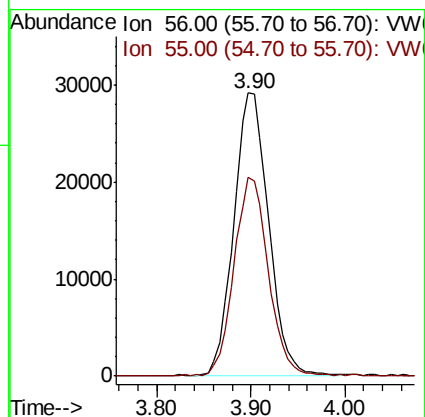
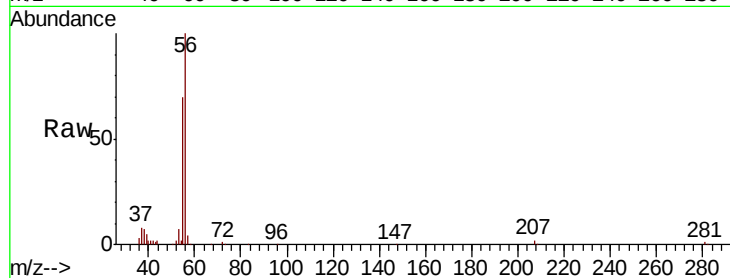
55 67.8 56.8 85.2

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#14

Allyl chloride

Concen: 44.64 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

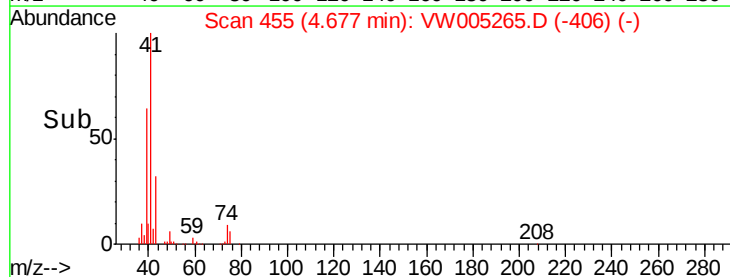
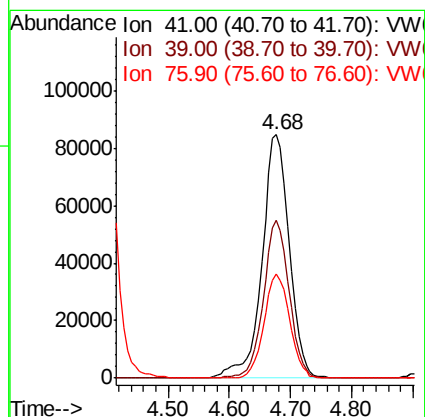
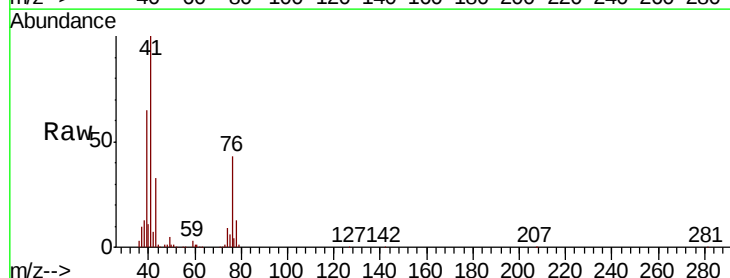
Tgt Ion: 41 Resp: 262834

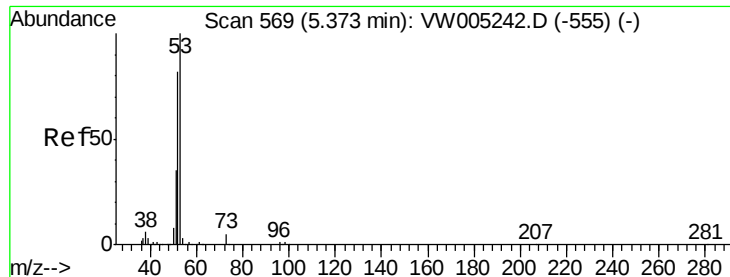
Ion Ratio Lower Upper

41 100

39 61.2 48.2 72.4

76 40.3 31.7 47.5





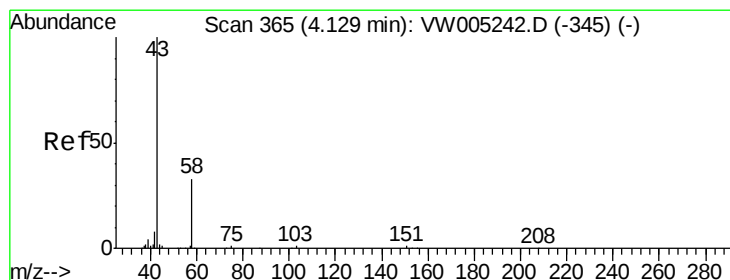
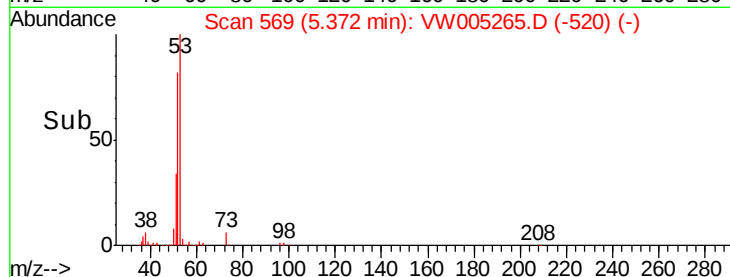
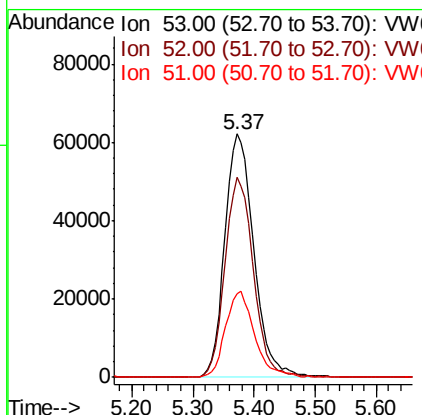
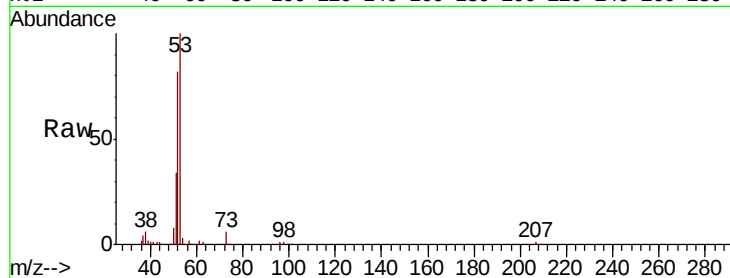
#15
 Acrylonitrile
 Concen: 217.70 ug/l
 RT: 5.37 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: VW005265.D
 Acq: 11 Sep 2018 10:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	53	Resp:	203934
Ion Ratio	Lower	Upper	
53	100		
52	80.5	66.0	99.0
51	35.5	28.6	43.0

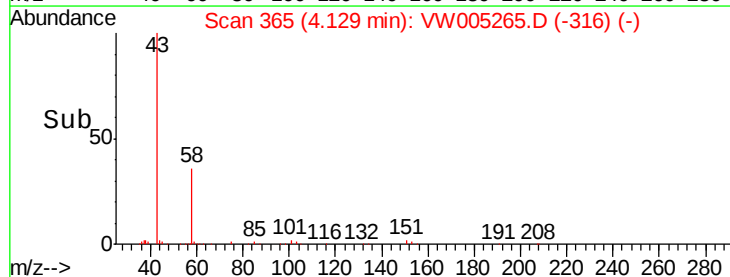
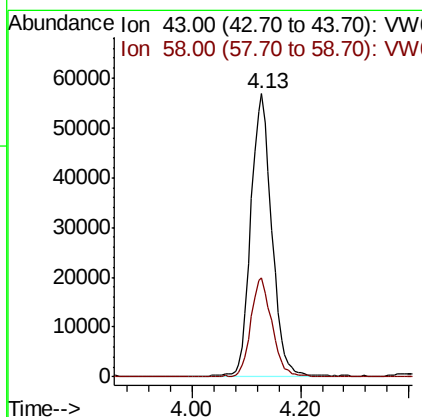
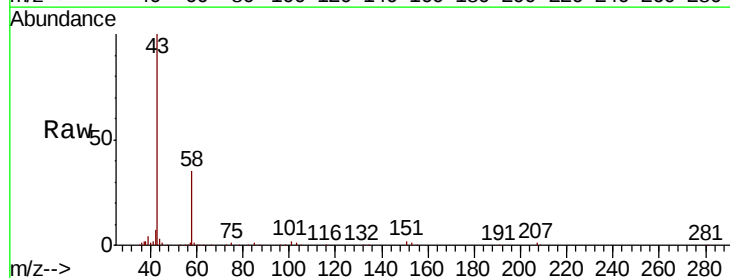
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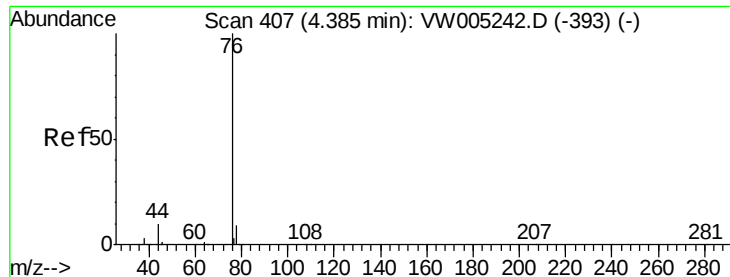
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#16
 Acetone
 Concen: 227.46 ug/l
 RT: 4.13 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VW005265.D
 Acq: 11 Sep 2018 10:23

Tgt Ion:	43	Resp:	153185
Ion Ratio	Lower	Upper	
43	100		
58	34.9	26.7	40.1





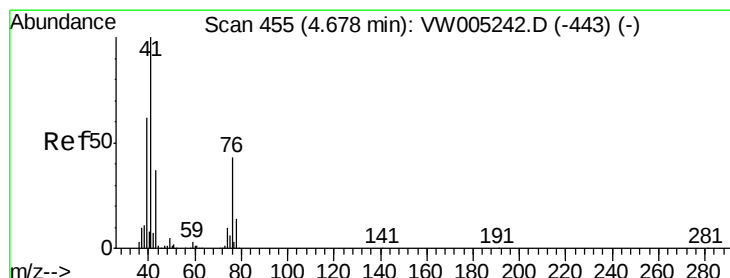
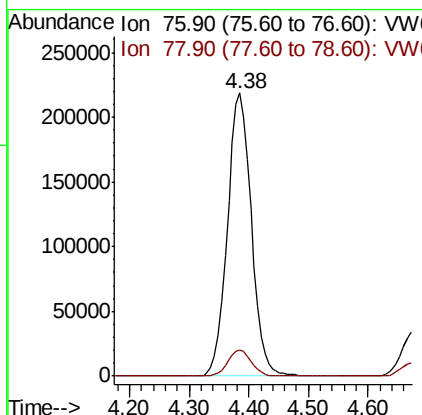
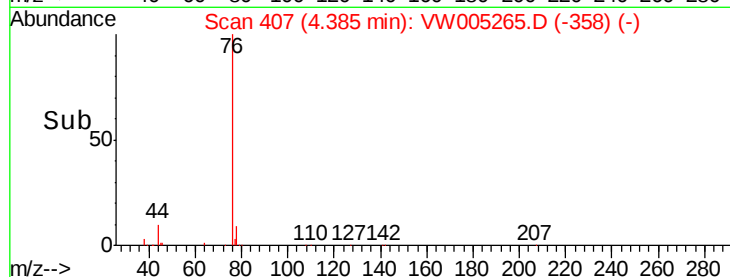
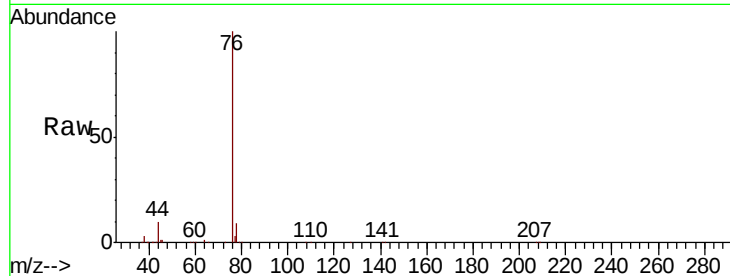
#17
Carbon Disulfide
Concen: 45.36 ug/l
RT: 4.38 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW005265.D
Acq: 11 Sep 2018 10:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.5	11.3

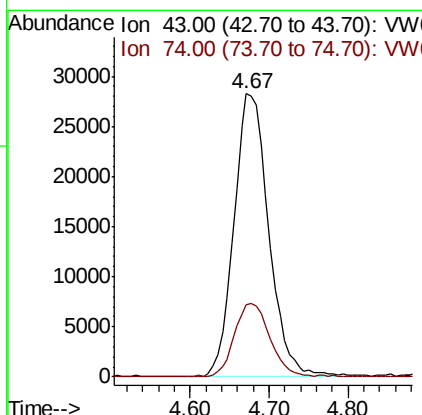
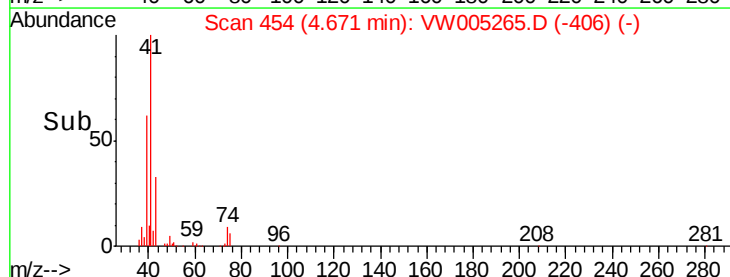
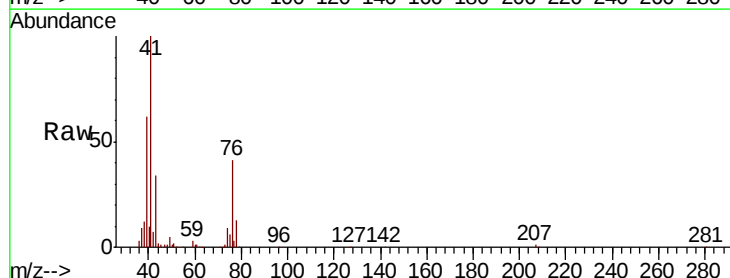
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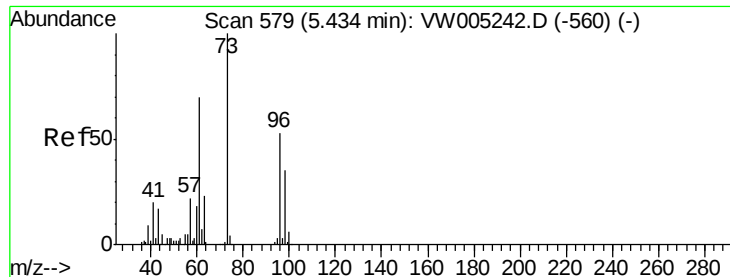
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#18
Methyl Acetate
Concen: 43.23 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW005265.D
Acq: 11 Sep 2018 10:23

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.3	21.4	32.2





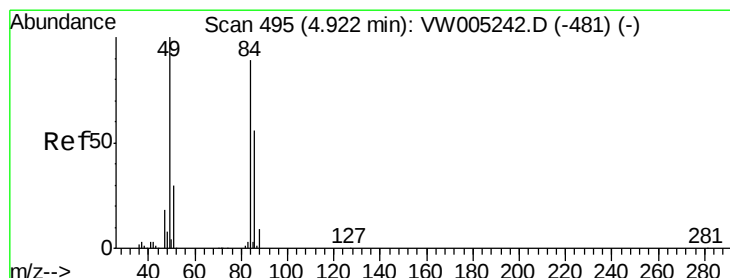
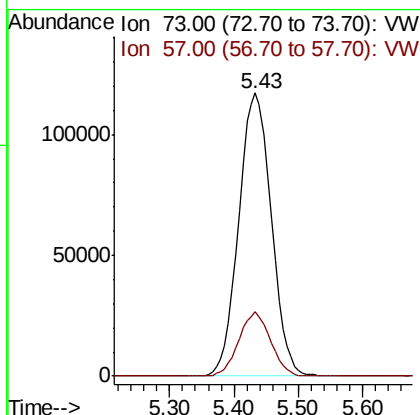
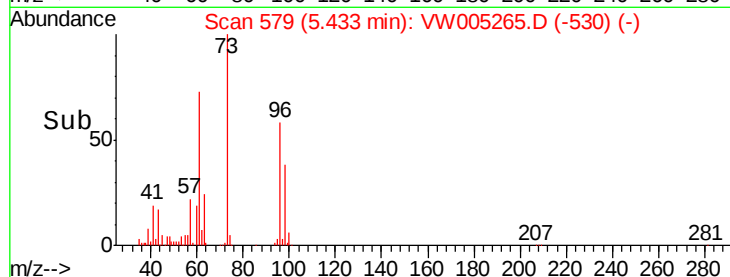
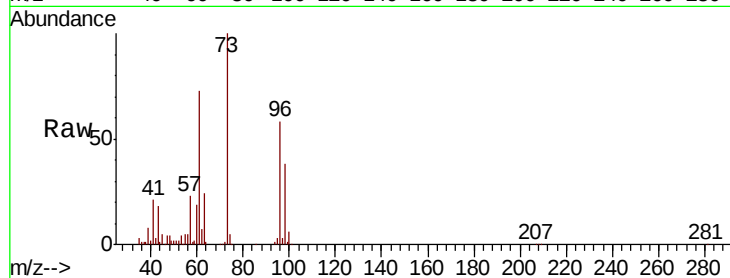
#19
Methyl tert-butyl Ether
Concen: 44.79 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW005265.D
Acq: 11 Sep 2018 10:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 408743
Ion Ratio Lower Upper
73 100
57 22.7 17.4 26.2

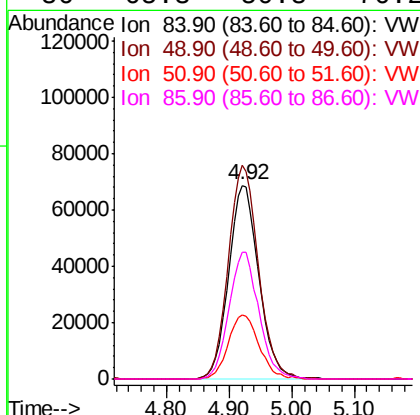
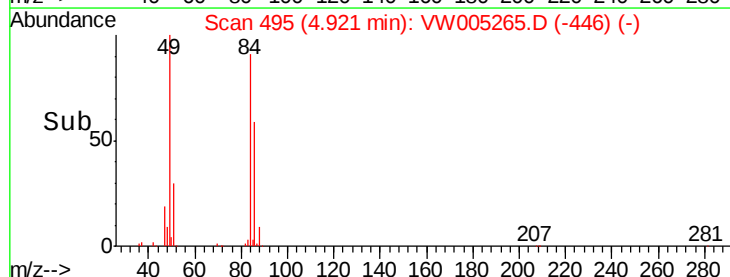
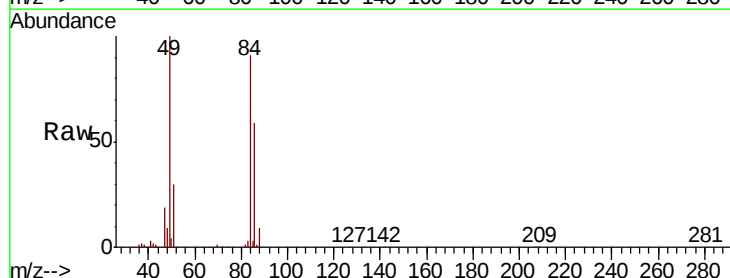
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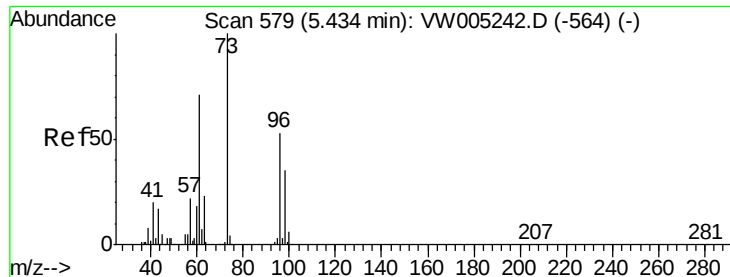
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#20
Methylene Chloride
Concen: 45.37 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW005265.D
Acq: 11 Sep 2018 10:23

Tgt Ion: 84 Resp: 228615
Ion Ratio Lower Upper
84 100
49 110.2 90.3 135.5
51 33.1 26.9 40.3
86 65.3 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 46.01 ug/l

RT: 5.43 min Scan# 579

Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Instrument :

MSVOA_W

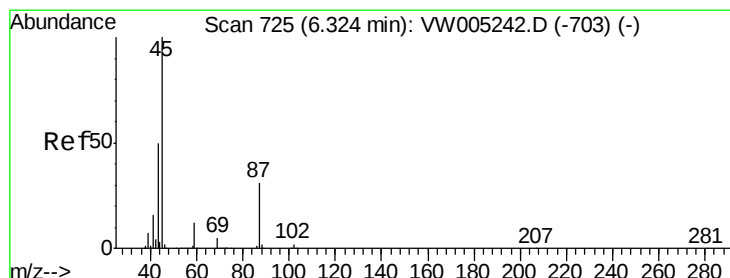
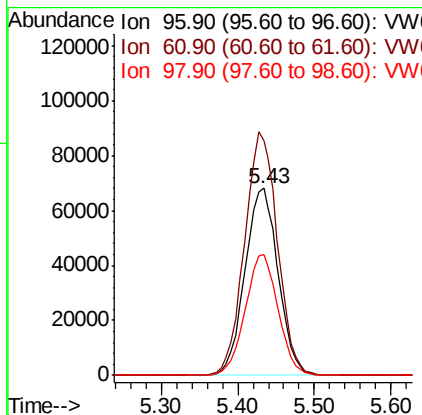
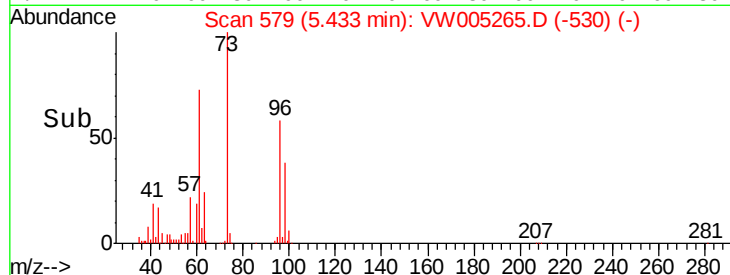
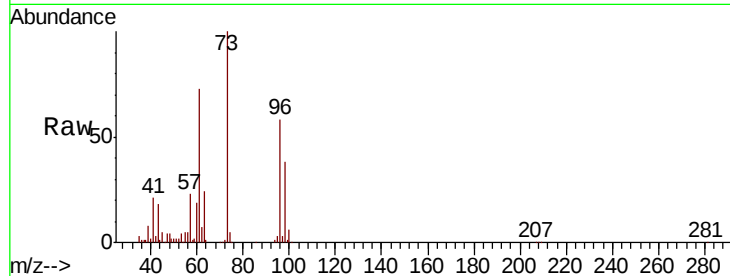
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	205860
Ion Ratio	Lower	Upper	
96	100		
61	125.5	105.7	158.5
98	64.5	52.8	79.2

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#22

Diisopropyl ether

Concen: 46.56 ug/l

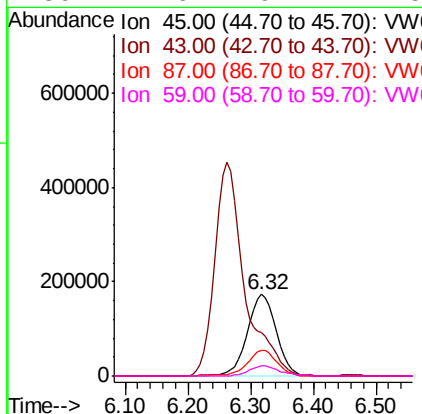
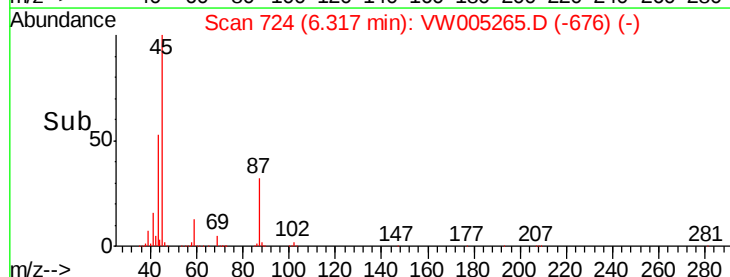
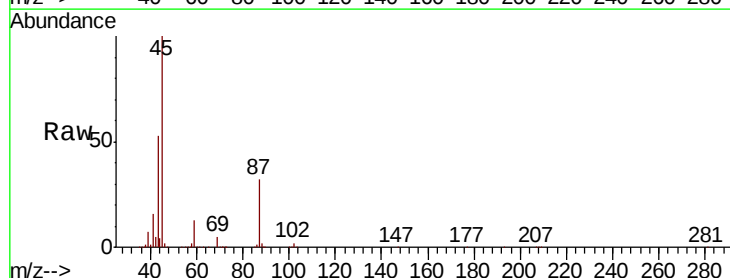
RT: 6.32 min Scan# 724

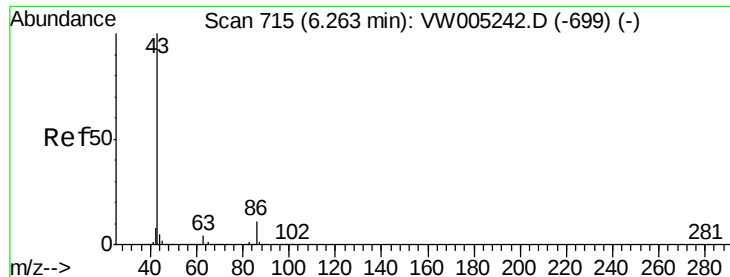
Delta R.T. -0.01 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Tgt Ion:	45	Resp:	551848
Ion Ratio	Lower	Upper	
45	100		
43	52.5	39.6	59.4
87	31.5	24.7	37.1
59	12.6	9.7	14.5





#23

Vinyl Acetate

Concen: 226.31 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 1495002

Ion Ratio Lower Upper

43 100

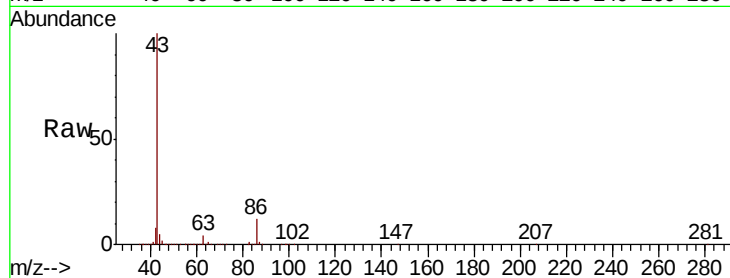
86 11.6 8.9 13.3

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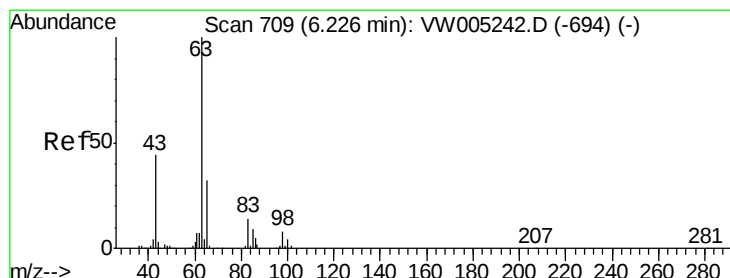
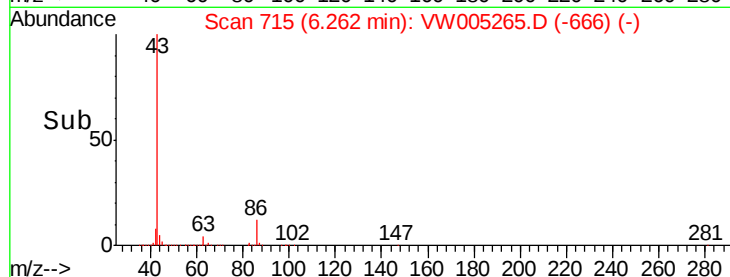
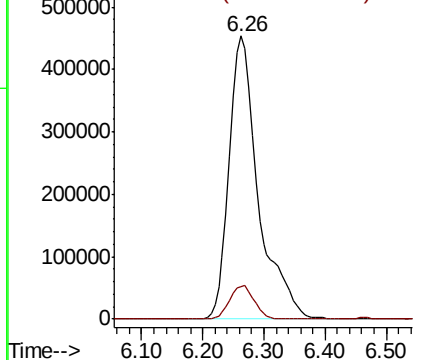
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 45.27 ug/l

RT: 6.23 min Scan# 709

Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

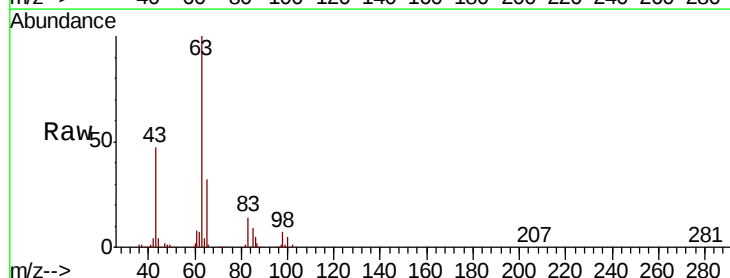
Tgt Ion: 63 Resp: 330287

Ion Ratio Lower Upper

63 100

98 7.1 3.8 11.4

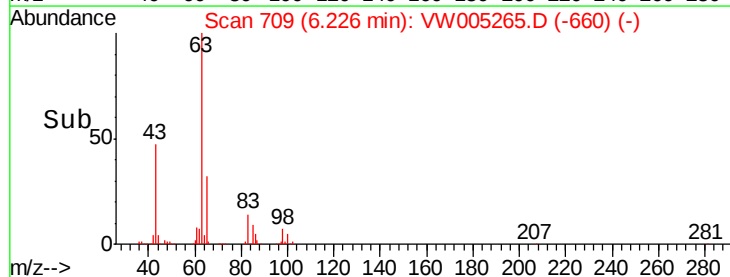
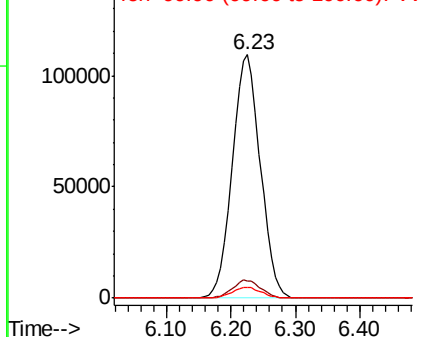
100 4.5 2.2 6.6

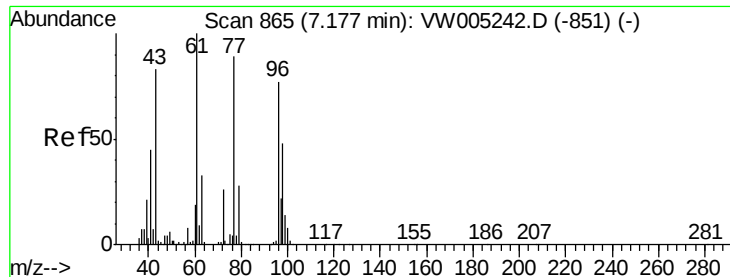


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 229.04 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 243307

Ion Ratio Lower Upper

43 100

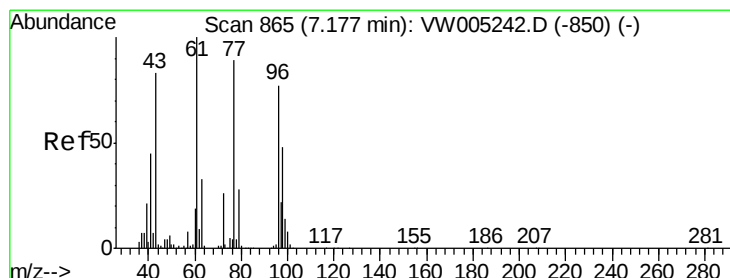
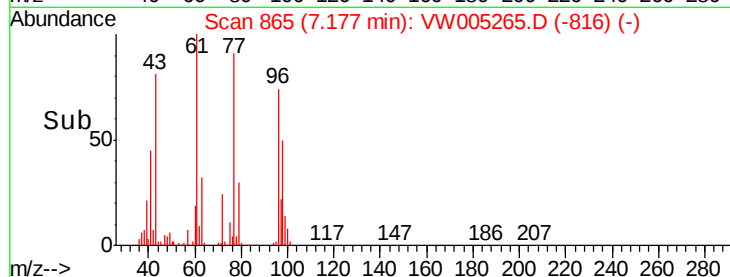
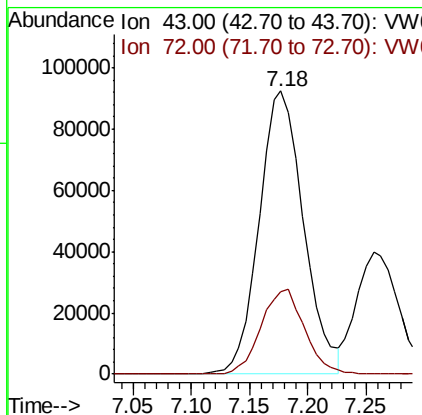
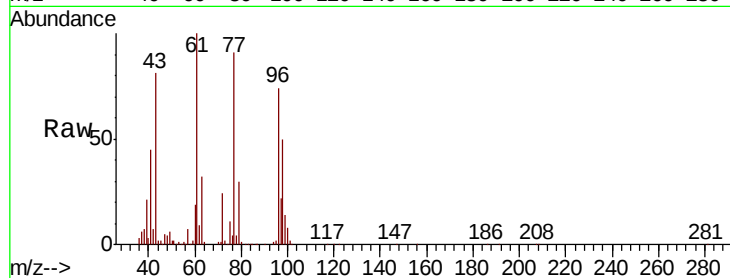
72 29.2 25.0 37.6

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#26

2,2-Dichloropropane

Concen: 48.12 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005265.D

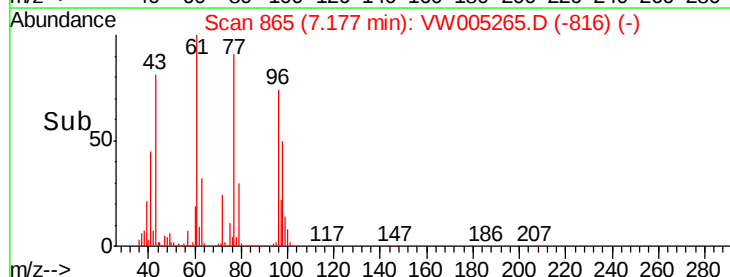
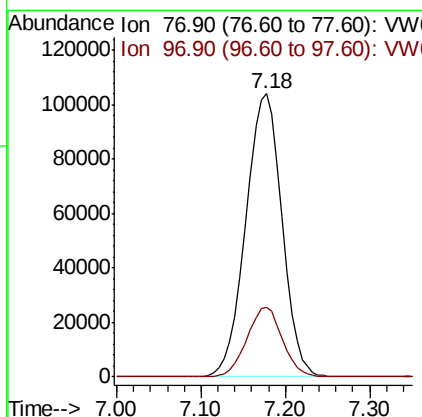
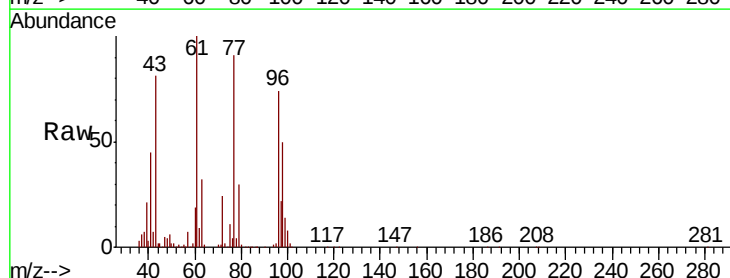
Acq: 11 Sep 2018 10:23

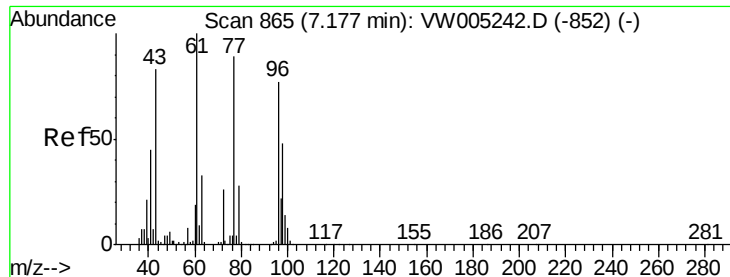
Tgt Ion: 77 Resp: 304401

Ion Ratio Lower Upper

77 100

97 24.0 12.2 36.6





#27

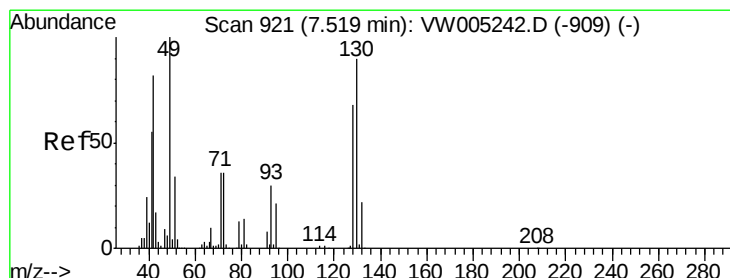
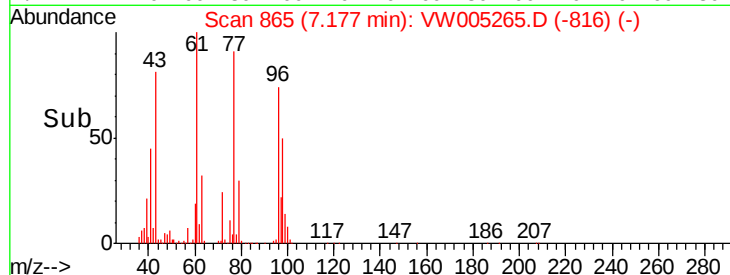
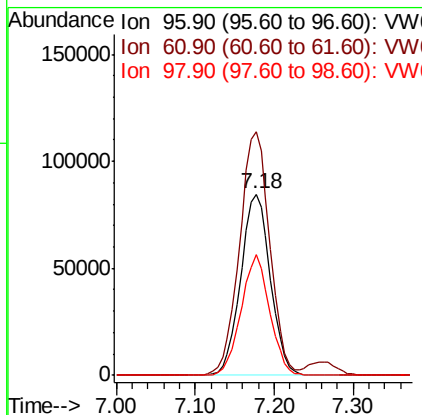
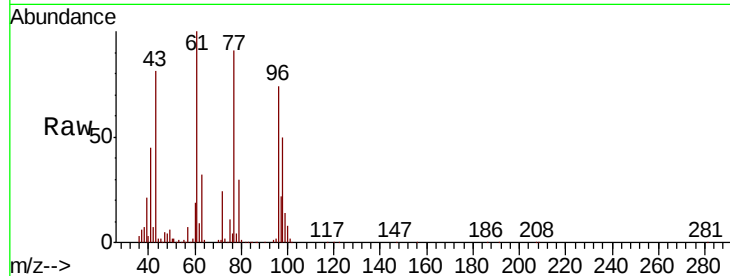
cis-1,2-Dichloroethene
 Concen: 46.14 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: VW005265.D
 Acq: 11 Sep 2018 10:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	137.5	0.0	273.4	
98	64.3	0.0	127.8	

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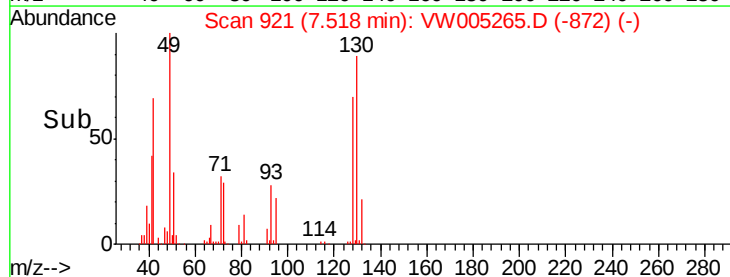
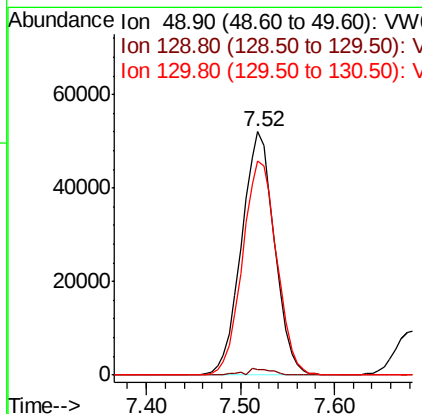
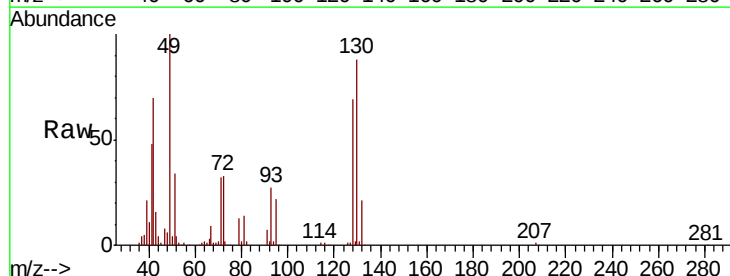
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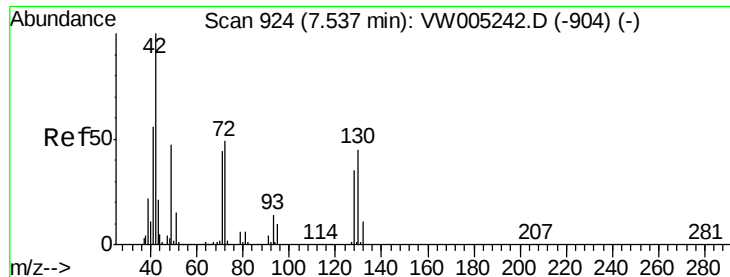


#28

Bromochloromethane
 Concen: 47.40 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VW005265.D
 Acq: 11 Sep 2018 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.2	0.0	2.0#	
130	91.3	71.2	106.8	





#29

Tetrahydrofuran

Concen: 214.94 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Instrument :

MSVOA_W

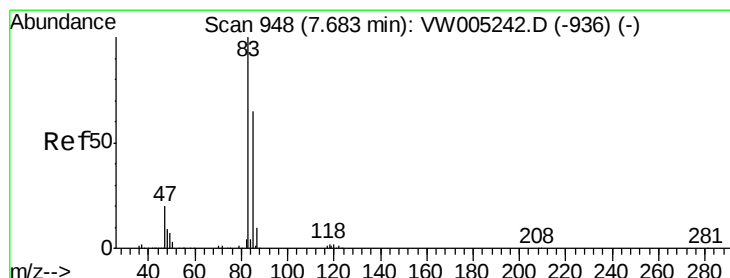
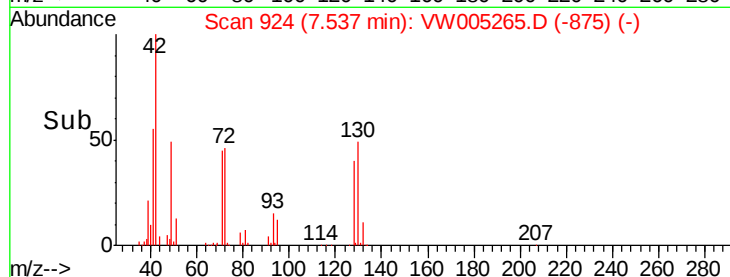
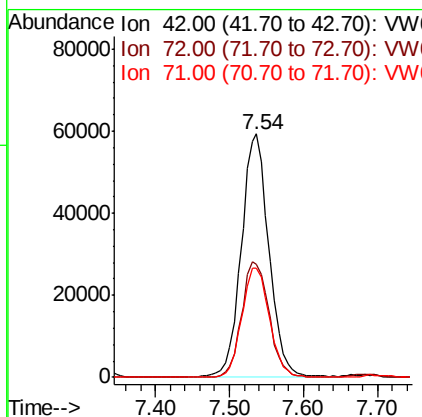
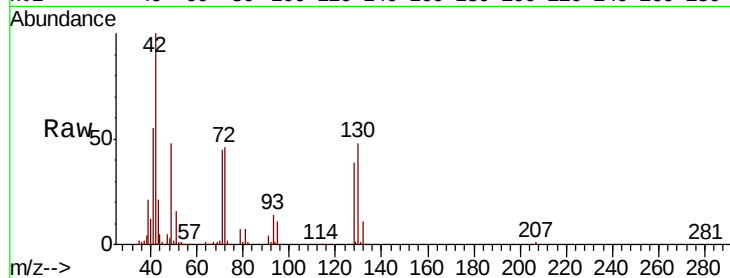
ClientSampled :

VSTDCCC050

Tot Ion:	42	Resp:	153869
Ion	Ratio	Lower	Upper
42	100		
72	47.6	37.5	56.3
71	45.2	34.8	52.2

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#30

Chloroform

Concen: 45.88 ug/l

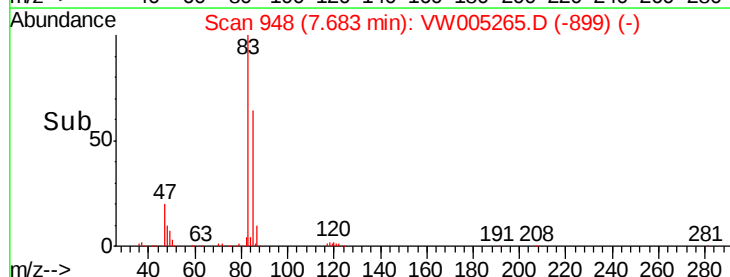
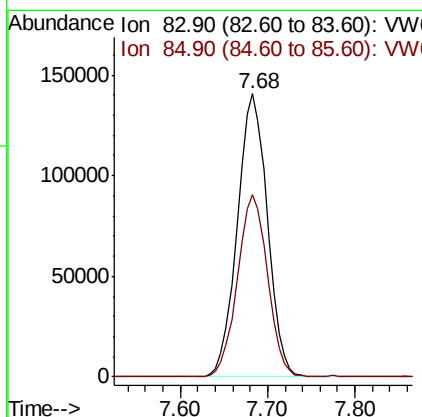
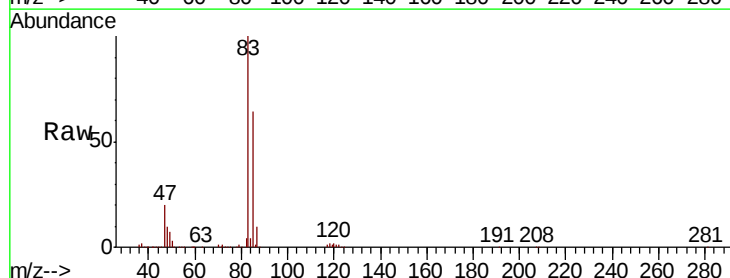
RT: 7.68 min Scan# 948

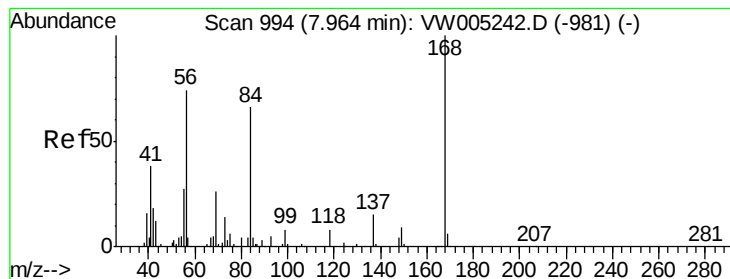
Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Tgt Ion:	83	Resp:	335966
Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.7	77.5





#31

Cyclohexane

Concen: 46.14 ug/l

RT: 7.96 min Scan# 994

Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Instrument :

MSVOA_W

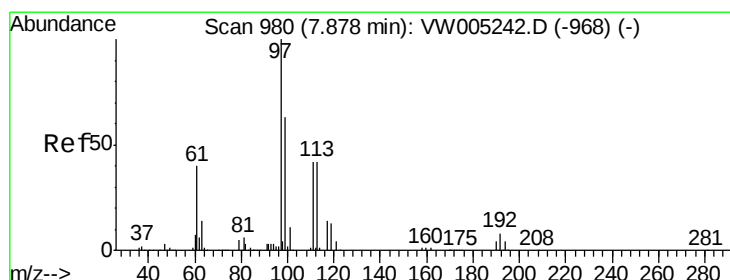
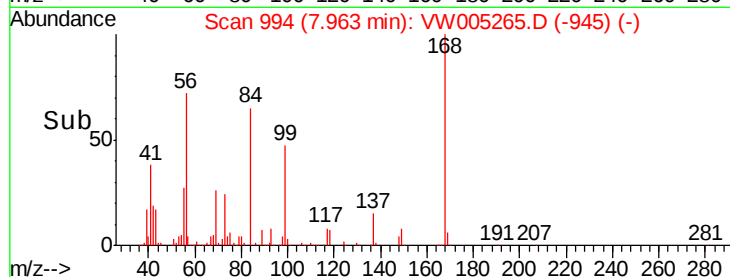
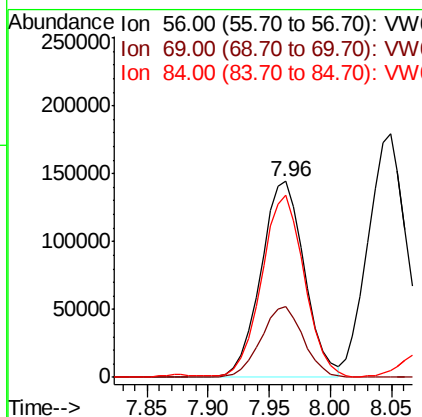
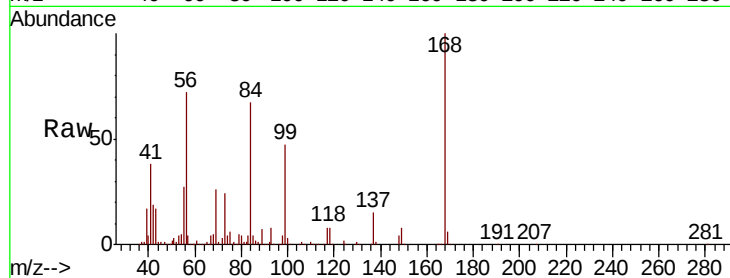
ClientSampled :

VSTDCCC050

Tot Ion:	56	Resp:	358235
Ion	Ratio	Lower	Upper
56	100		
69	36.2	27.8	41.8
84	91.7	72.1	108.1

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#32

1,1,1-Trichloroethane

Concen: 47.06 ug/l

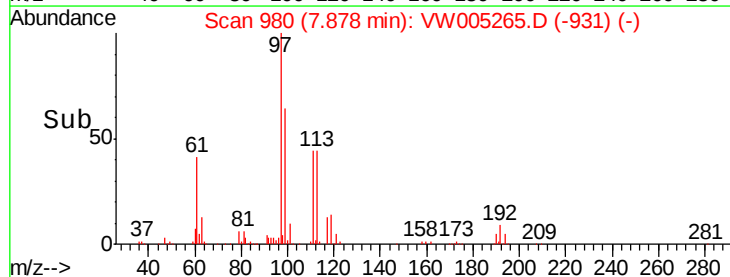
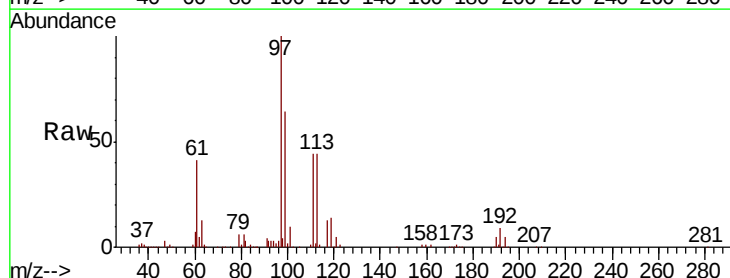
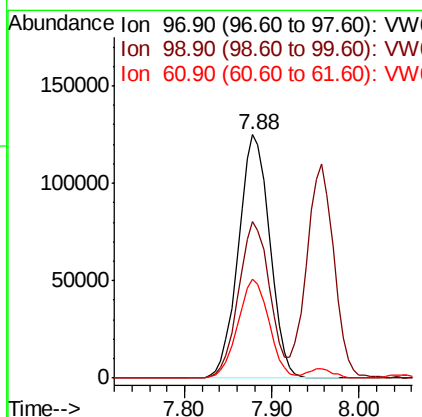
RT: 7.88 min Scan# 980

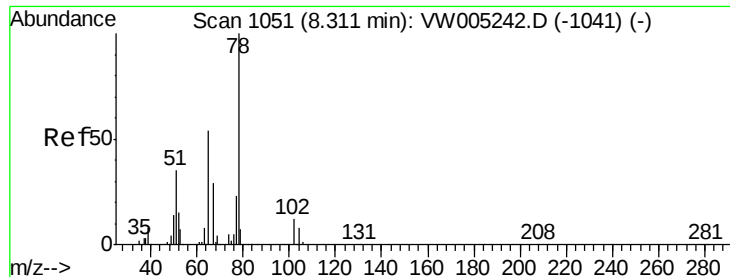
Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Tgt Ion:	97	Resp:	311310
Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.5	77.3
61	40.4	32.5	48.7





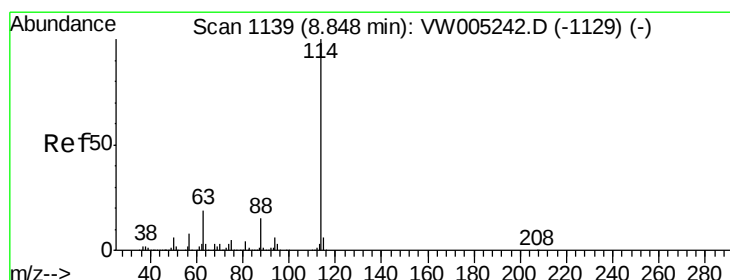
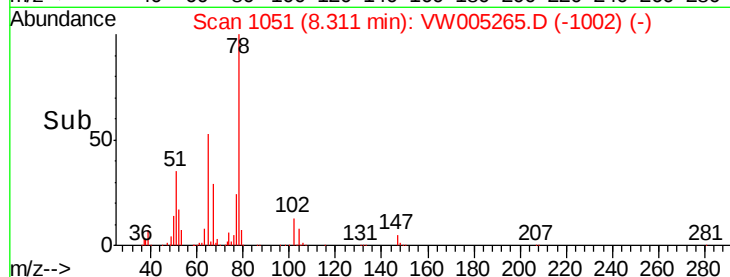
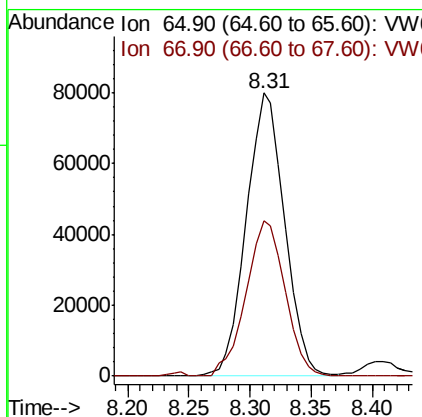
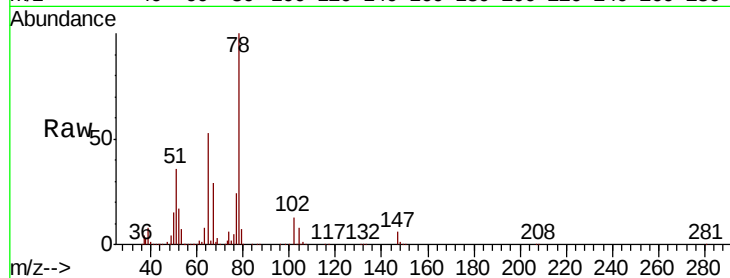
#33
 1,2-Dichloroethane-d4
 Concen: 48.05 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005265.D
 Acq: 11 Sep 2018 10:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	174324		
67	55.8	0.0	112.2	

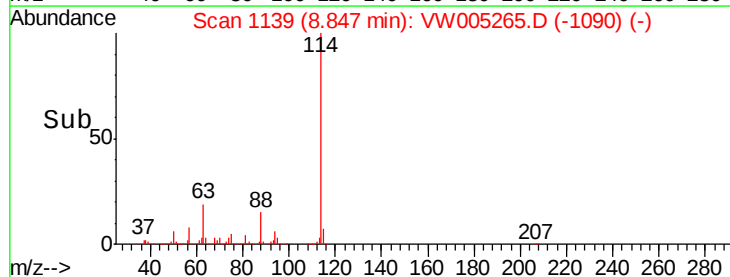
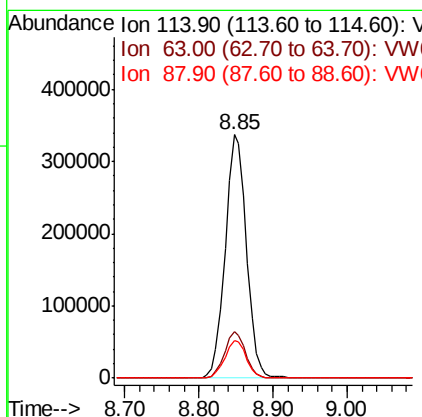
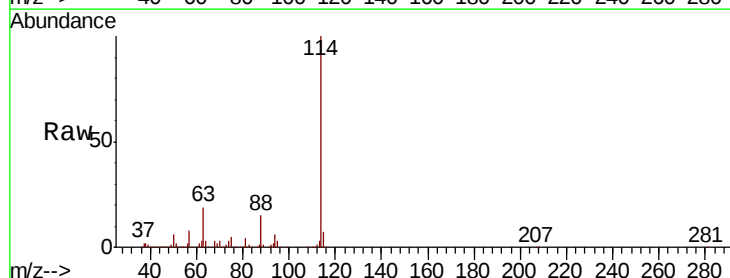
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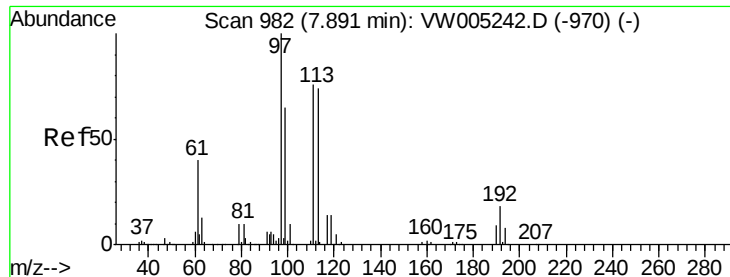
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005265.D
 Acq: 11 Sep 2018 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	667940		
63	19.1	0.0	37.0	
88	15.2	0.0	30.4	





#35

Dibromofluoromethane

Concen: 52.15 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Instrument :

MSVOA_W

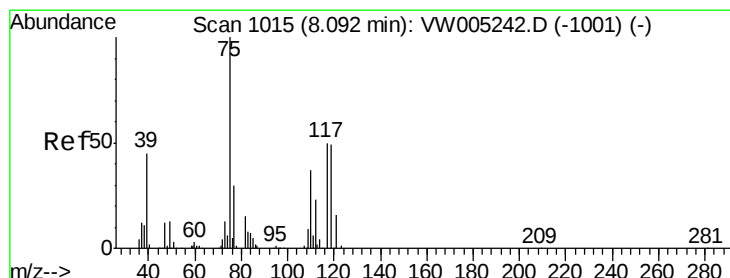
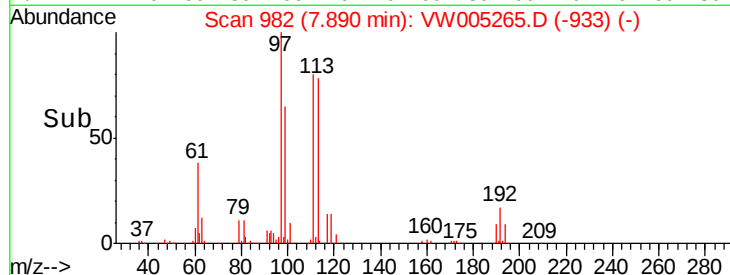
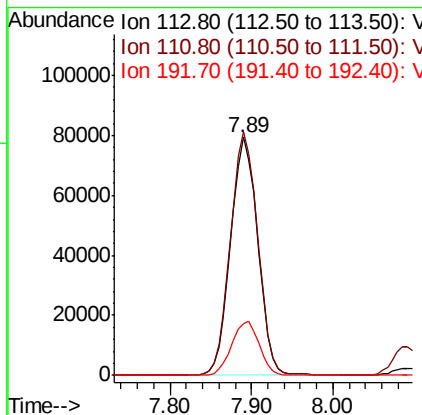
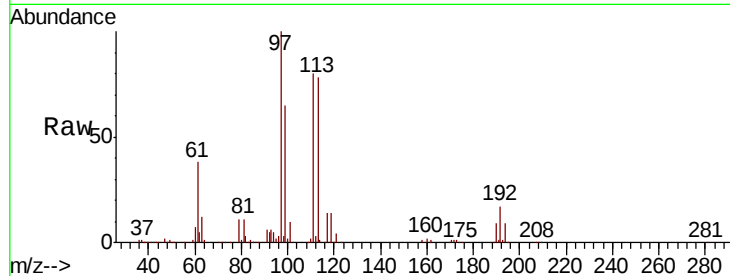
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	182468
Ion Ratio	Lower	Upper	
113	100		
111	102.9	80.6	121.0
192	23.1	18.3	27.5

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#36

1,1-Dichloropropene

Concen: 49.02 ug/l

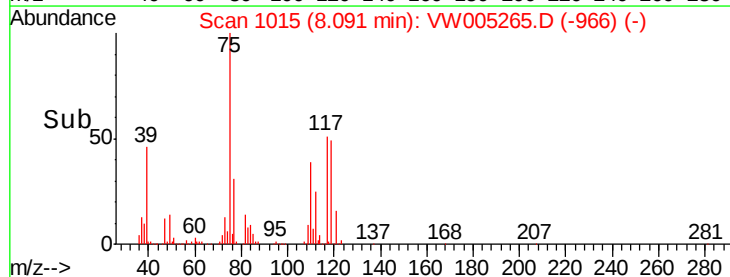
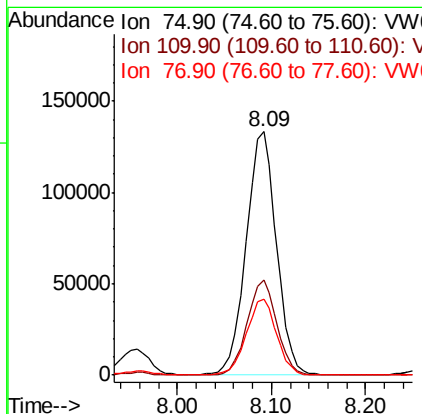
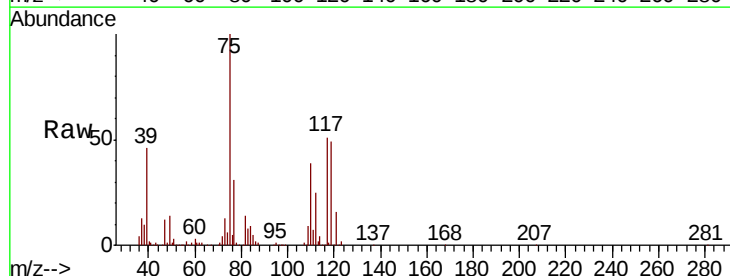
RT: 8.09 min Scan# 1015

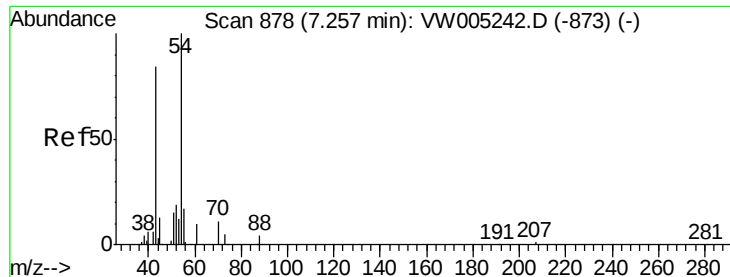
Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Tgt Ion:	75	Resp:	299990
Ion Ratio	Lower	Upper	
75	100		
110	38.3	18.8	56.4
77	31.2	24.9	37.3





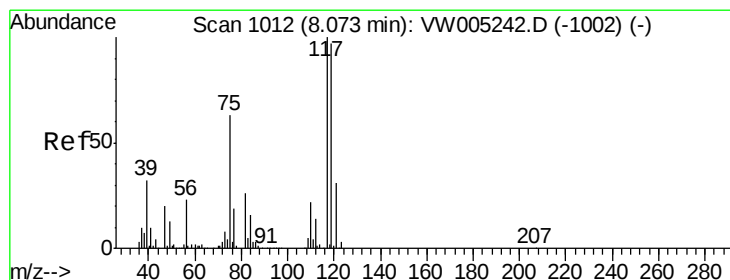
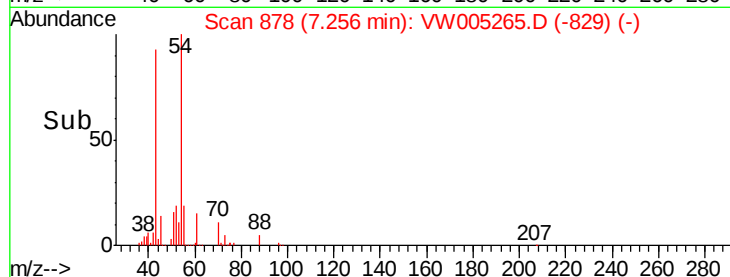
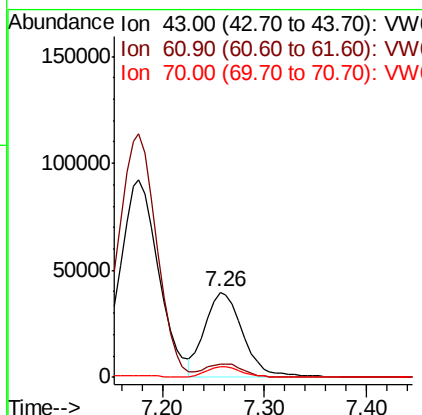
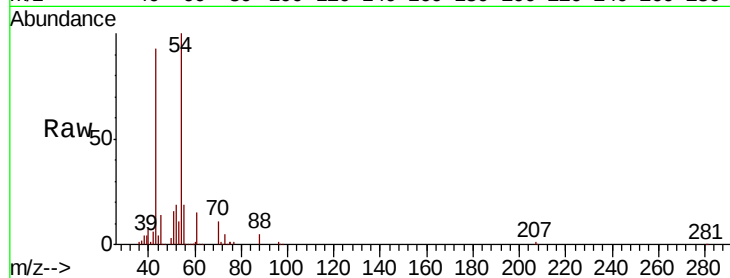
#37
Ethyl Acetate
Concen: 43.93 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW005265.D
Acq: 11 Sep 2018 10:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.0	12.3	18.5
70	12.3	9.5	14.3

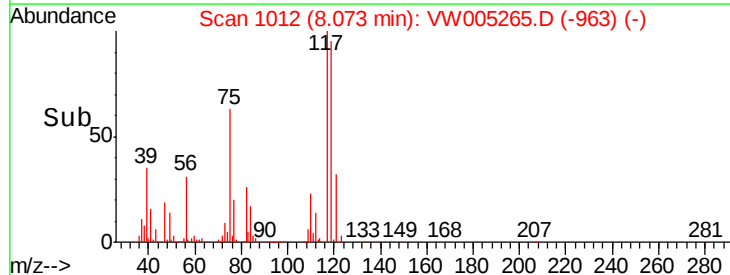
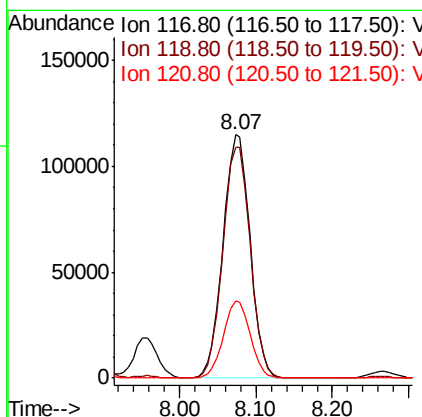
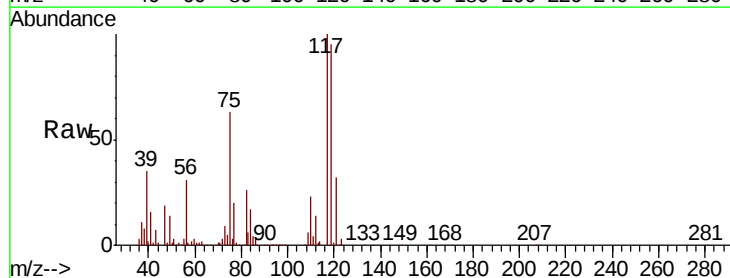
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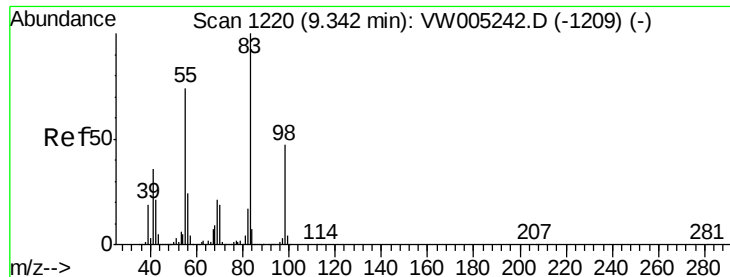
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#38
Carbon Tetrachloride
Concen: 49.11 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005265.D
Acq: 11 Sep 2018 10:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.5	116.3
121	31.7	24.7	37.1





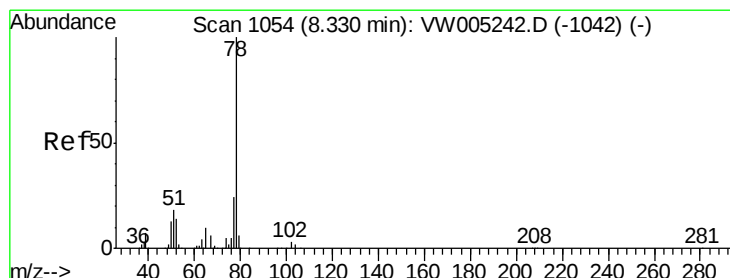
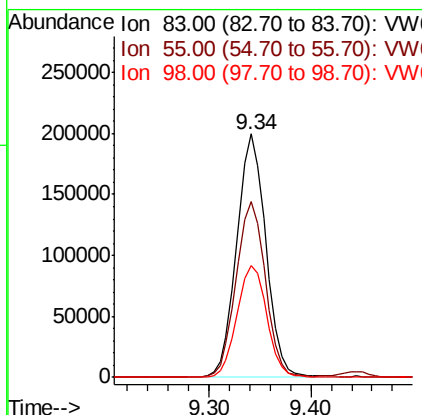
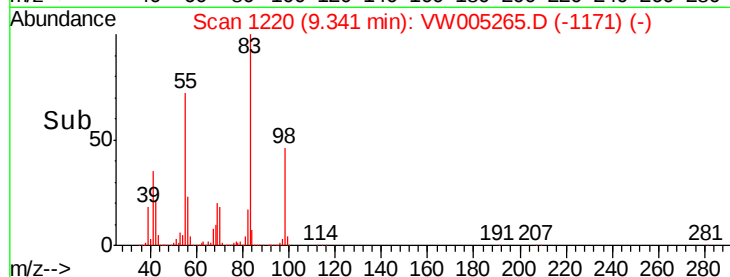
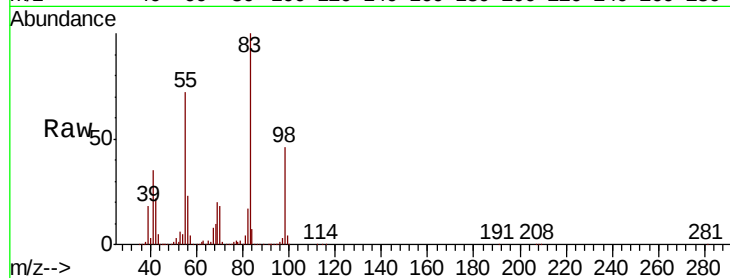
#39
Methvlcvclohexane
Concen: 48.75 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005265.D
Acq: 11 Sep 2018 10:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.4	58.9	88.3
98	45.7	37.6	56.4

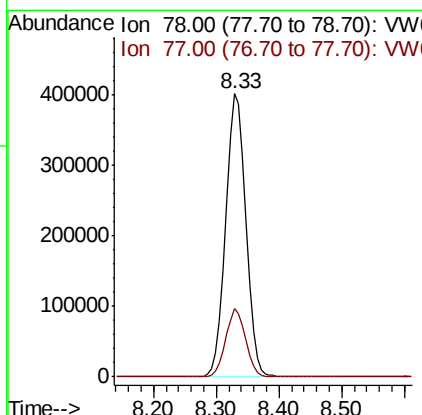
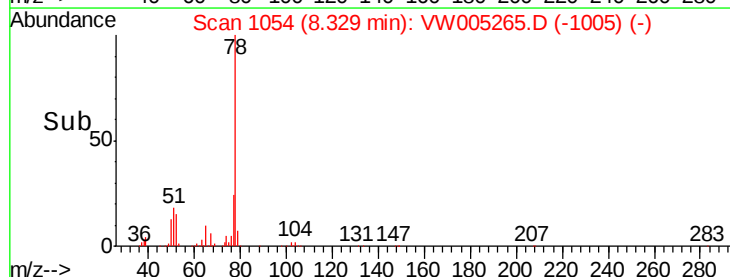
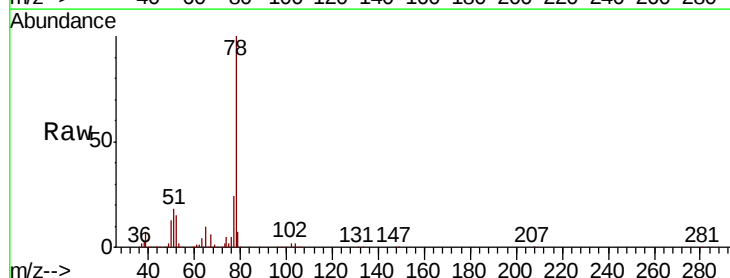
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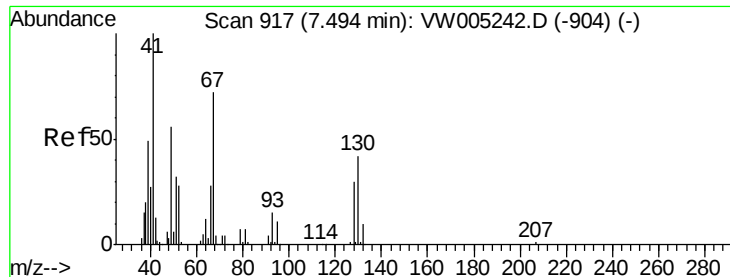
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#40
Benzene
Concen: 49.59 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005265.D
Acq: 11 Sep 2018 10:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.9	28.3





#41

Methacrylonitrile

Concen: 48.47 ug/l

RT: 7.49 min Scan# 917

Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Instrument :

MSVOA_W

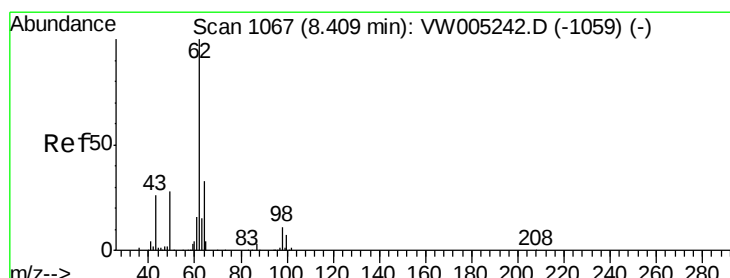
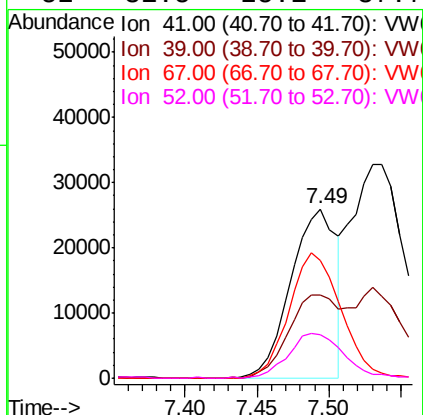
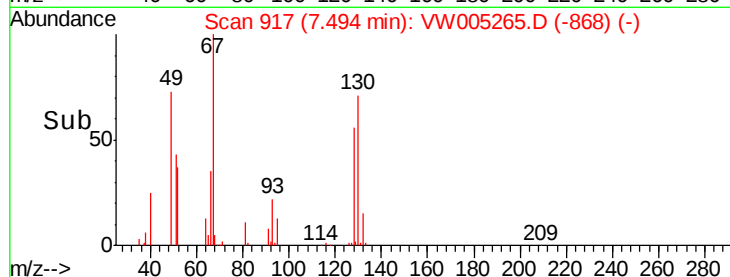
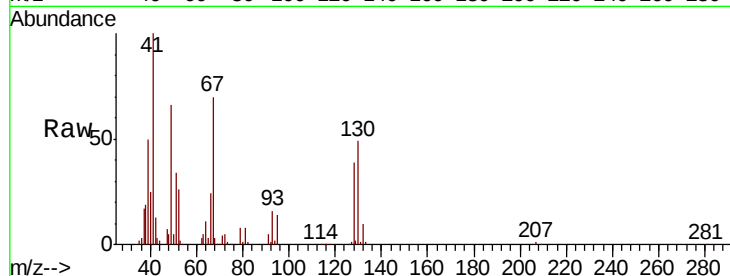
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	58.6	39.9	59.9
67	83.7	65.7	98.5
52	31.5	25.1	37.7

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#42

1,2-Dichloroethane

Concen: 46.16 ug/l

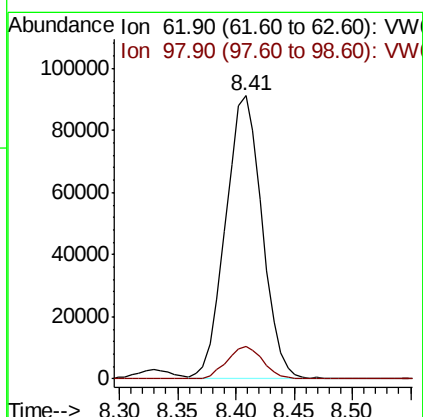
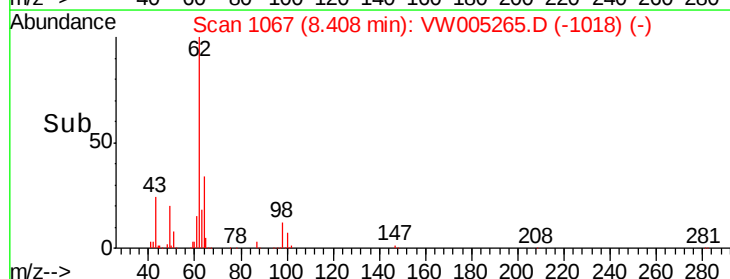
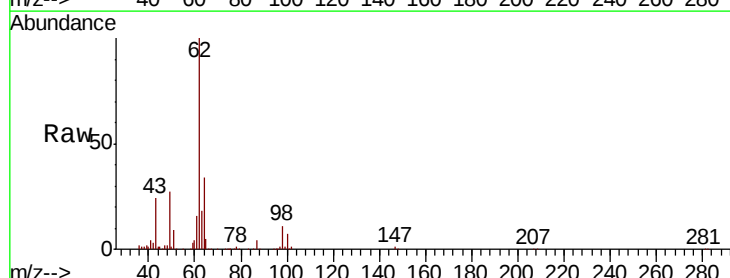
RT: 8.41 min Scan# 1067

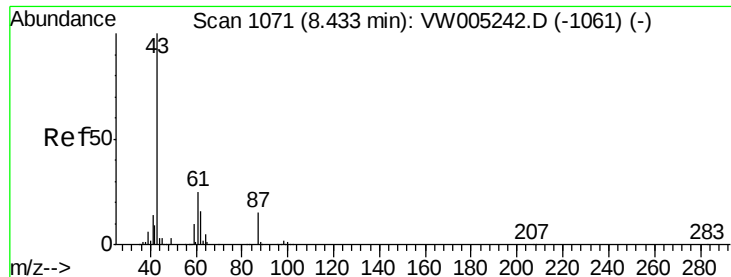
Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.4	0.0	22.0





#43

Isopropyl Acetate

Concen: 45.48 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Instrument :

MSVOA_W

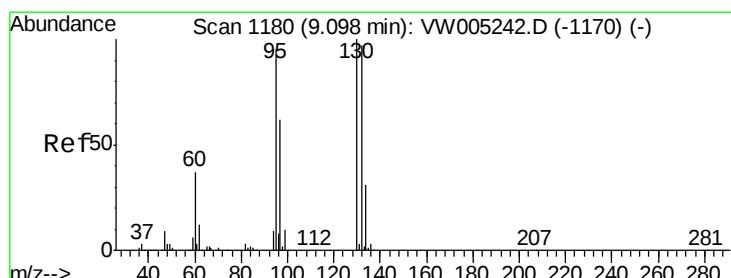
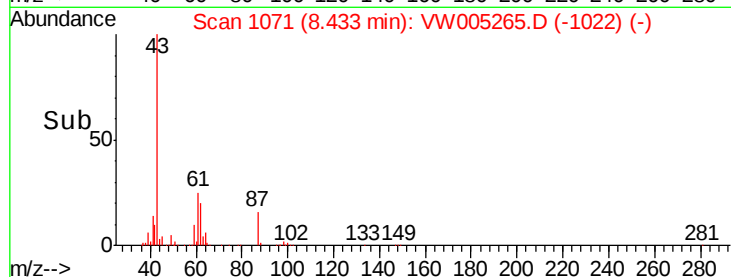
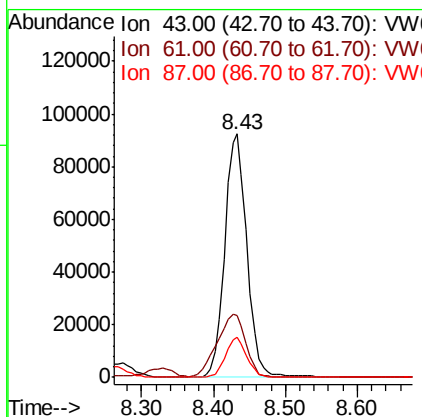
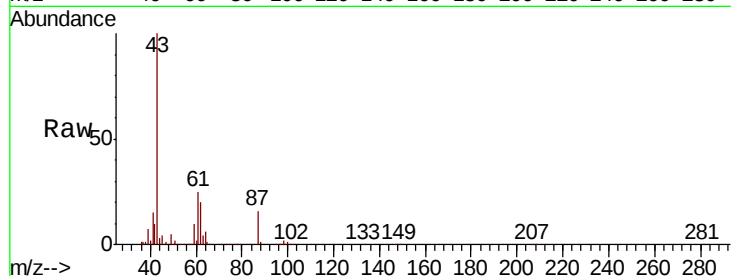
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	196571
Ion Ratio		Lower	Upper
43	100		
61	33.8	25.4	38.0
87	15.8	11.9	17.9

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#44

Trichloroethene

Concen: 49.06 ug/l

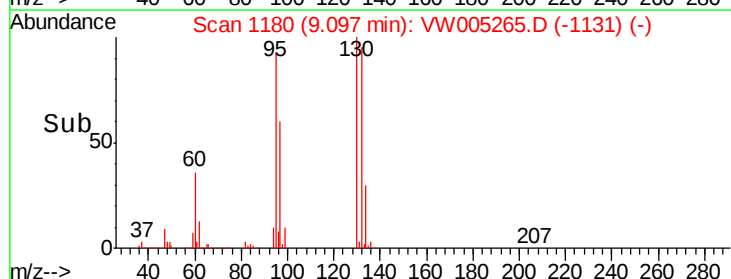
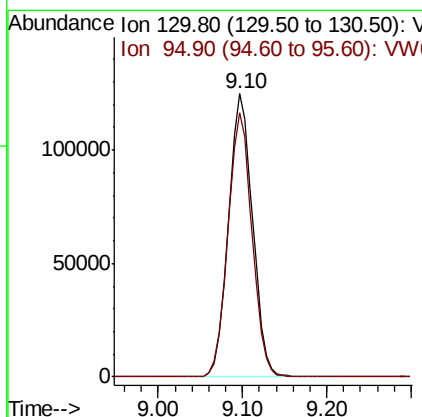
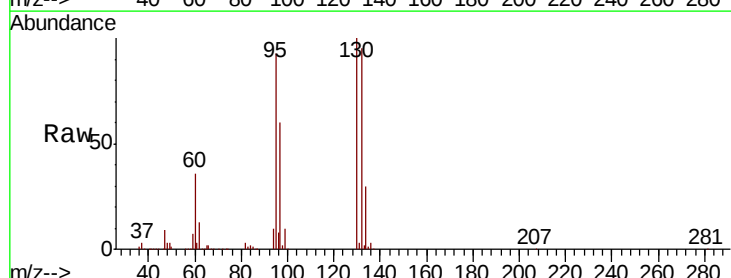
RT: 9.10 min Scan# 1180

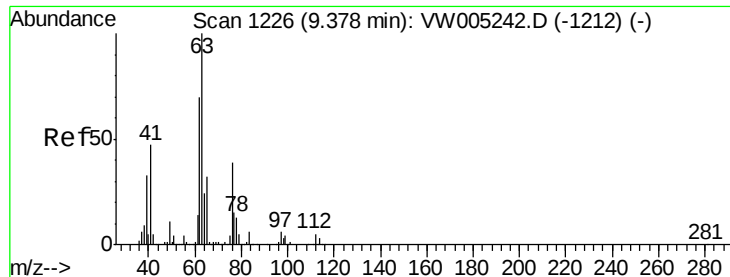
Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Tgt Ion:	130	Resp:	242670
Ion Ratio		Lower	Upper
130	100		
95	93.3	0.0	189.6





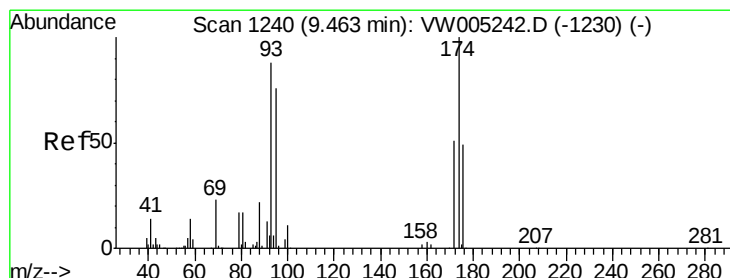
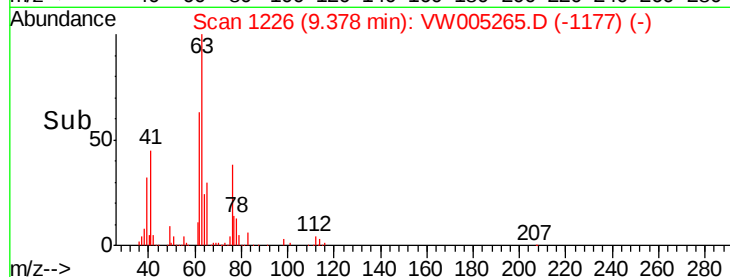
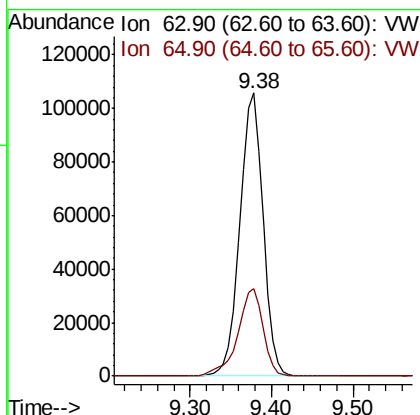
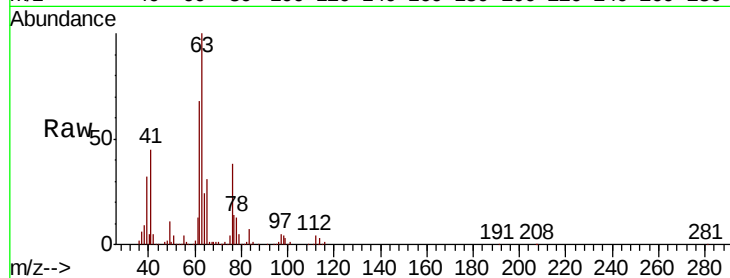
#45
 1,2-Dichloropropane
 Concen: 48.07 ug/l
 RT: 9.38 min Scan# 1226
 Delta R.T. -0.00 min
 Lab File: VW005265.D
 Acq: 11 Sep 2018 10:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.8	25.4	38.2

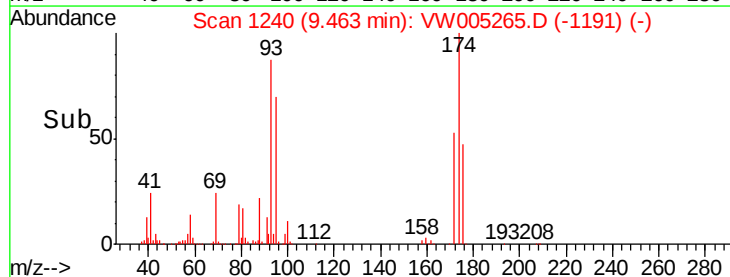
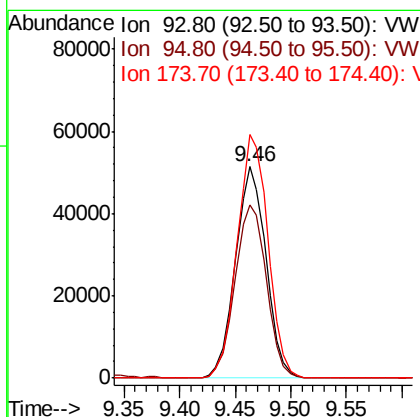
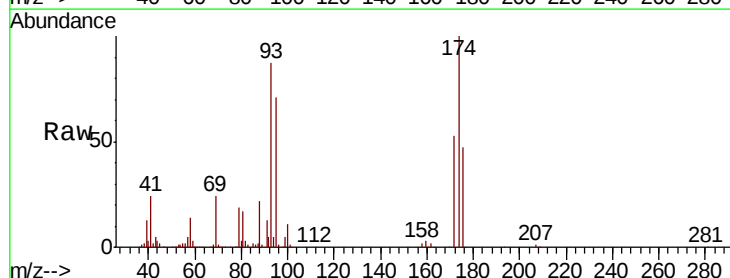
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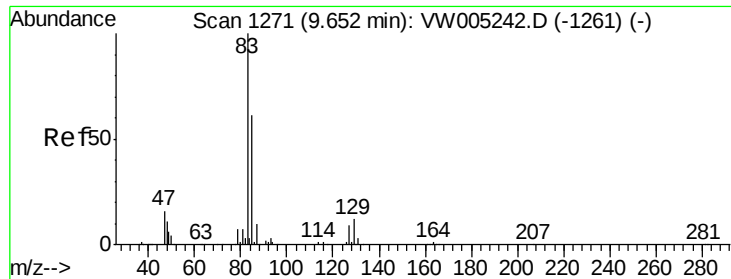
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#46
 Dibromomethane
 Concen: 46.12 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005265.D
 Acq: 11 Sep 2018 10:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.2	67.0	100.4
174	116.4	92.2	138.2





#47

Bromodichloromethane

Concen: 47.08 ug/l

RT: 9.65 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Instrument :

MSVOA_W

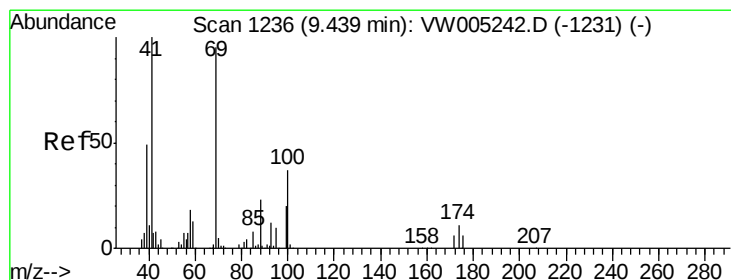
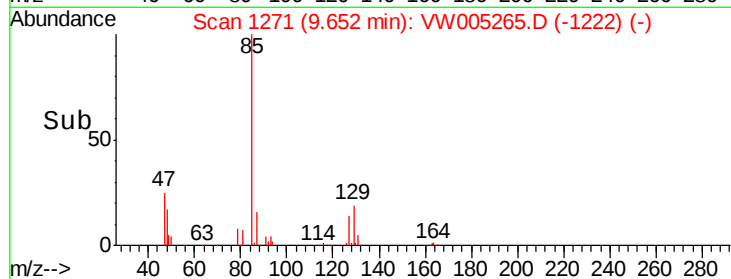
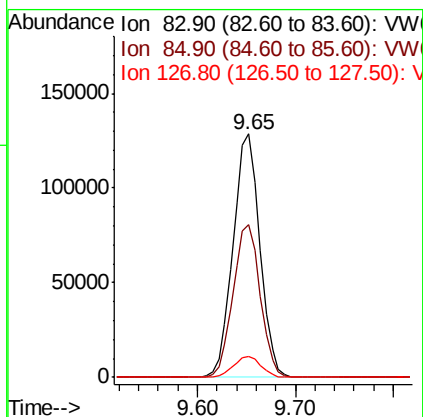
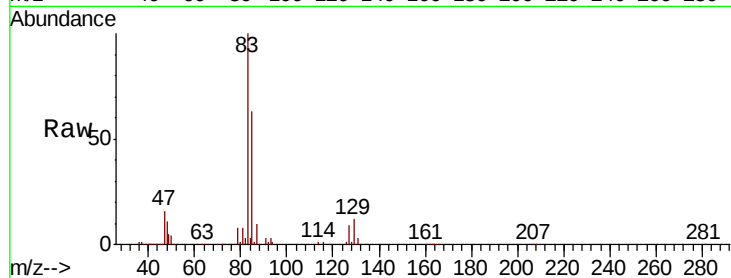
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	244306
Ion Ratio	Lower	Upper	
83	100		
85	62.9	49.0	73.6
127	8.6	7.0	10.4

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#48

Methyl methacrylate

Concen: 47.43 ug/l

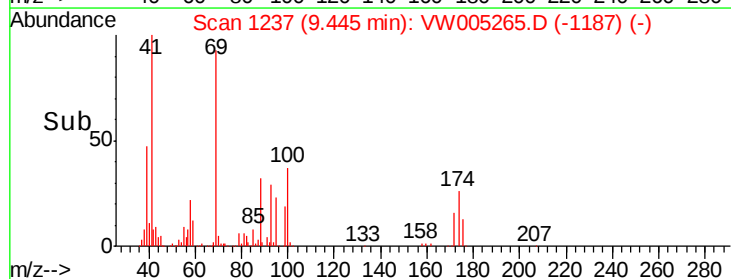
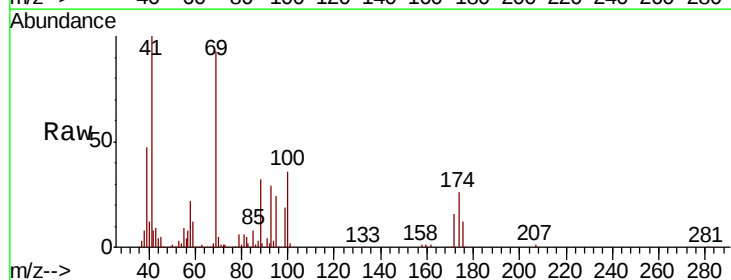
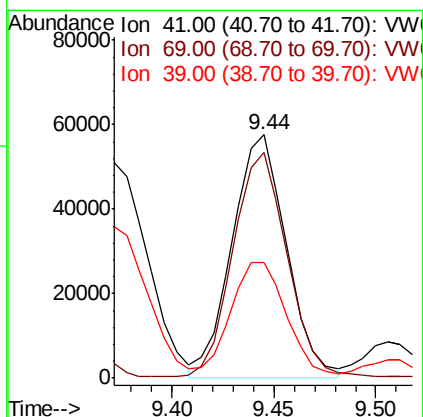
RT: 9.44 min Scan# 1237

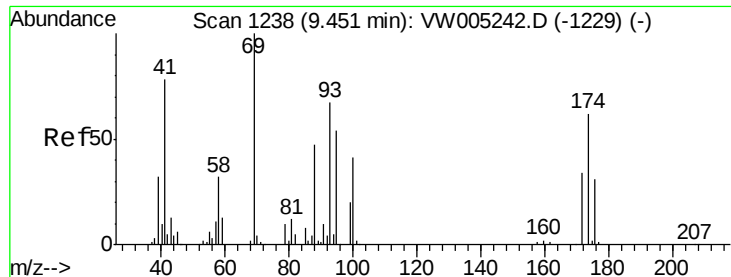
Delta R.T. 0.01 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Tgt Ion:	41	Resp:	106438
Ion Ratio	Lower	Upper	
41	100		
69	94.1	74.6	112.0
39	45.6	36.7	55.1





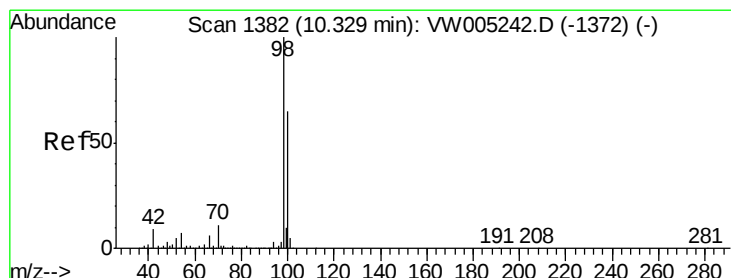
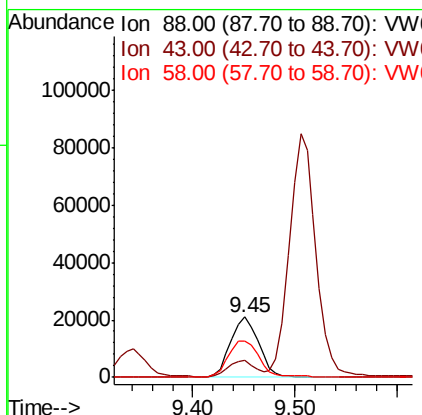
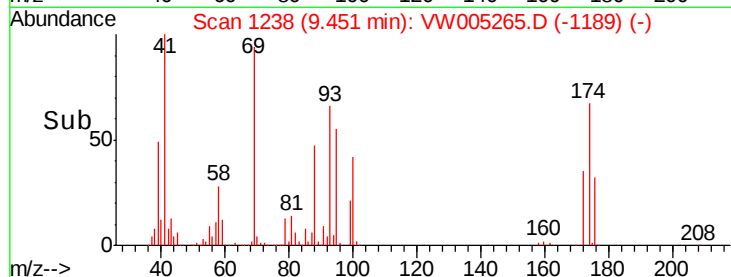
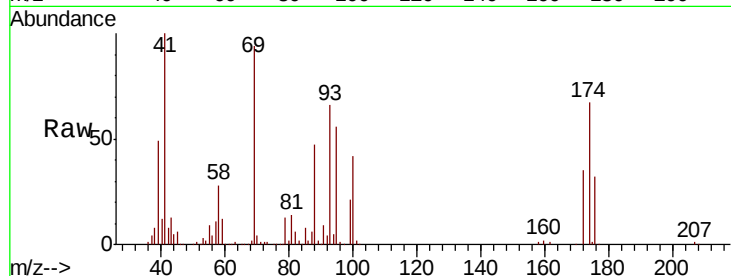
#49
1,4-Dioxane
Concen: 1025.94 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.00 min
Lab File: VW005265.D
Acq: 11 Sep 2018 10:23

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	88	Resp	40630
Ion Ratio	100	Lower	Upper
88	100		
43	26.4	22.7	34.1
58	65.2	56.6	85.0

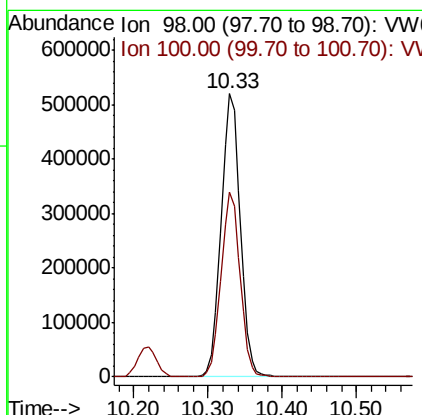
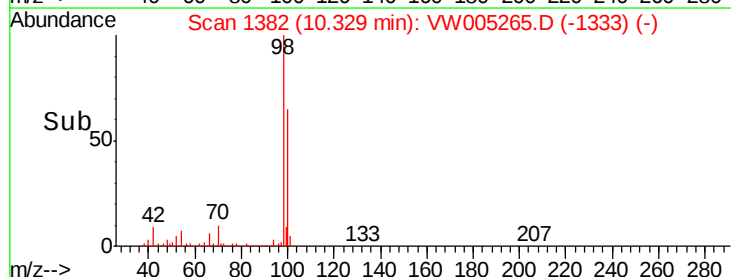
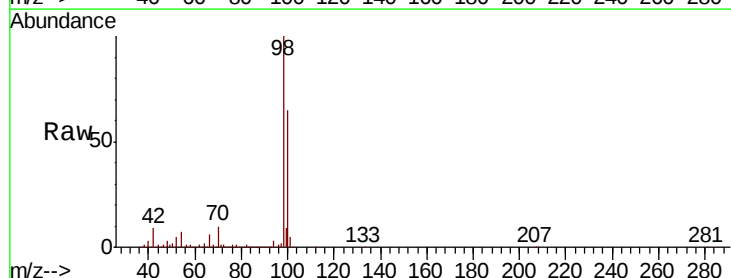
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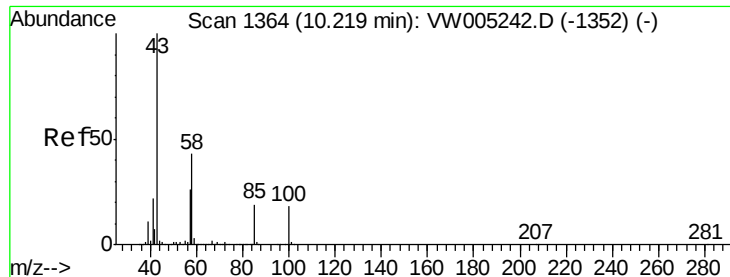
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#50
Toluene-d8
Concen: 52.51 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005265.D
Acq: 11 Sep 2018 10:23

Tgt Ion	98	Resp	928450
Ion Ratio	100	Lower	Upper
98	100		
100	65.0	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 225.59 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 548715

Ion Ratio Lower Upper

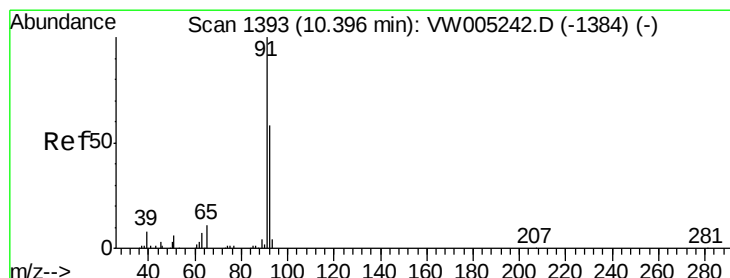
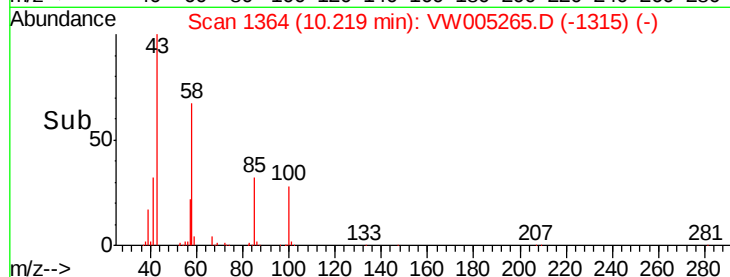
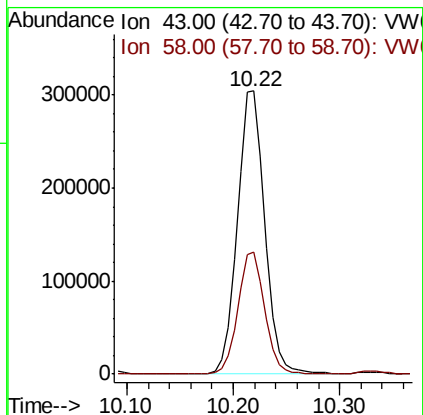
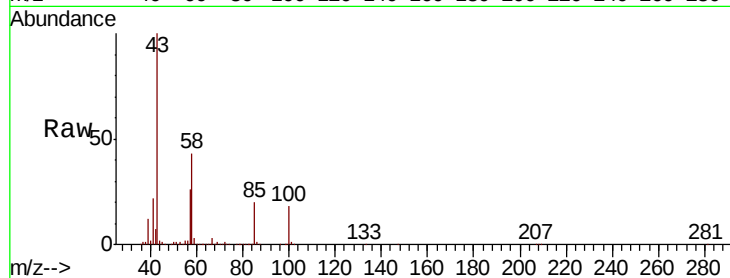
43 100

58 42.2 33.8 50.6

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#52

Toluene

Concen: 48.48 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005265.D

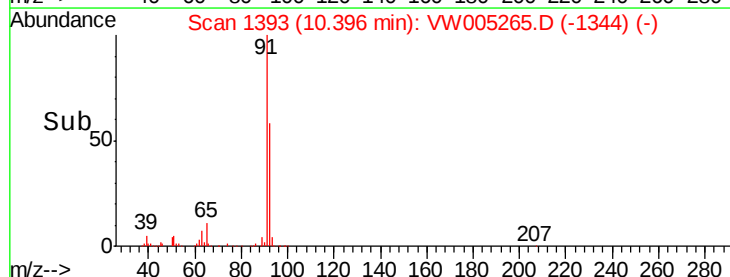
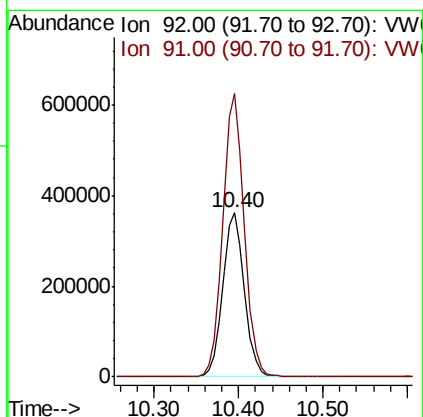
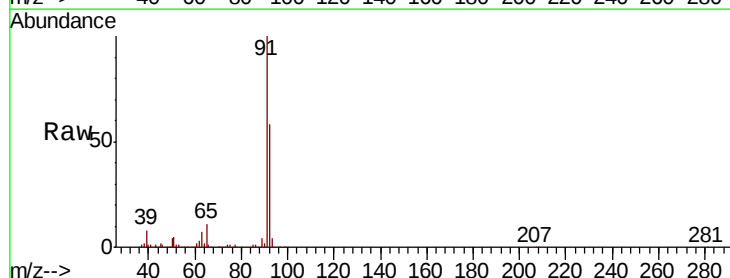
Acq: 11 Sep 2018 10:23

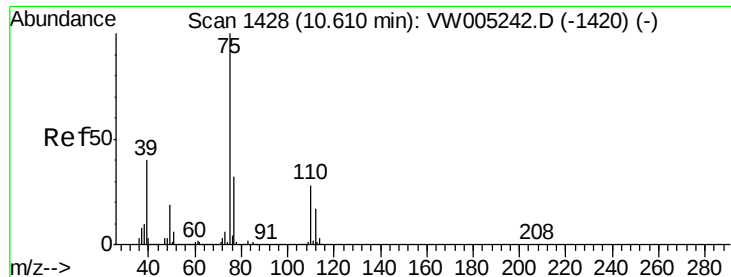
Tgt Ion: 92 Resp: 635200

Ion Ratio Lower Upper

92 100

91 172.1 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 47.58 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 266796

Ion Ratio Lower Upper

75 100

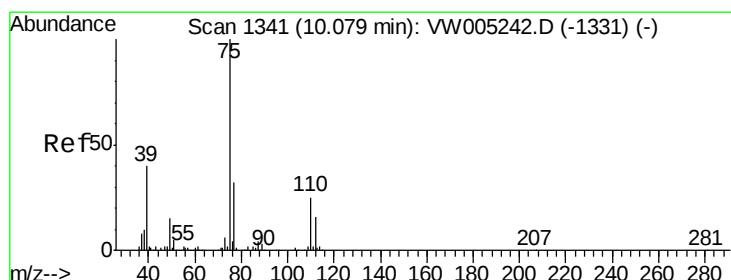
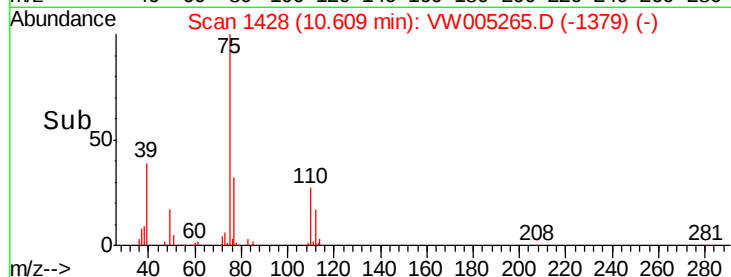
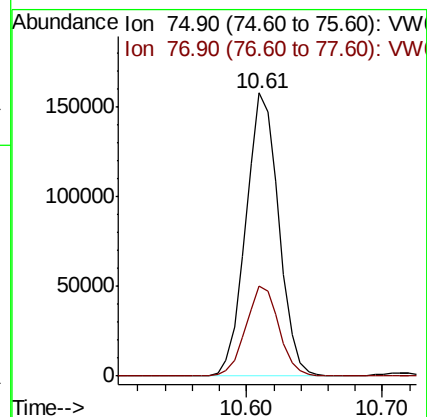
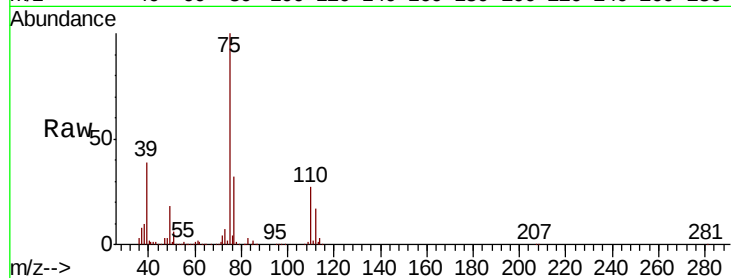
77 31.9 25.8 38.8

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#54

cis-1,3-Dichloropropene

Concen: 44.84 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

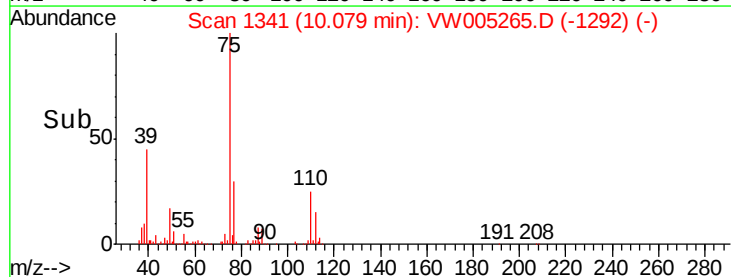
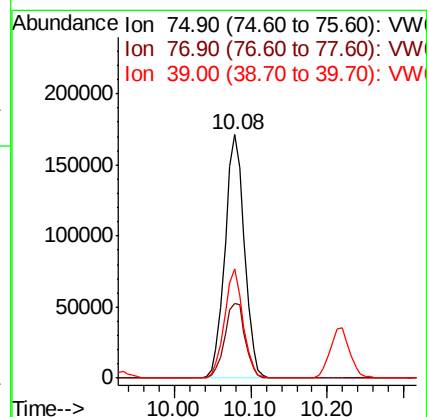
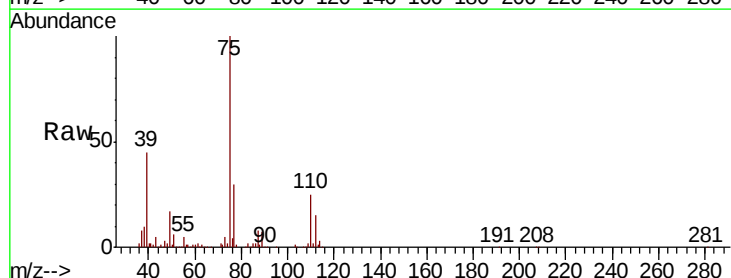
Tgt Ion: 75 Resp: 301142

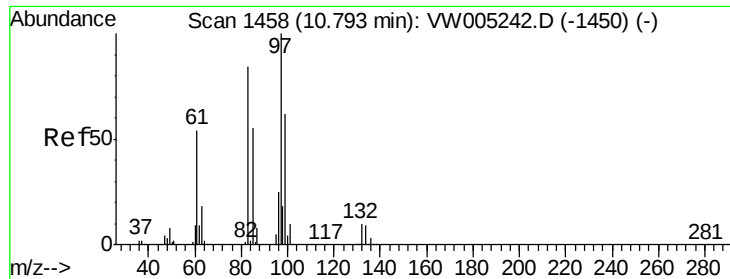
Ion Ratio Lower Upper

75 100

77 30.5 25.5 38.3

39 44.6 31.8 47.6





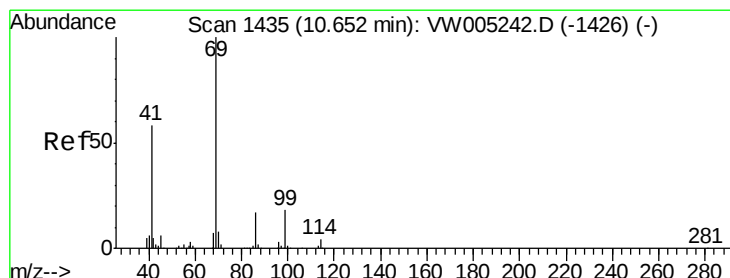
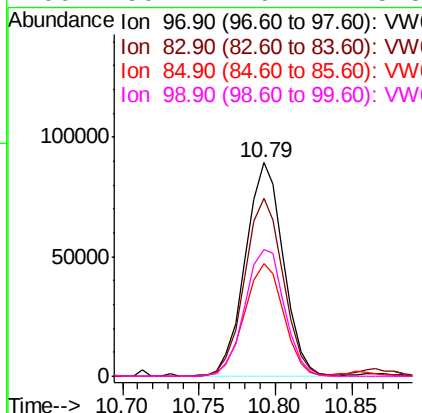
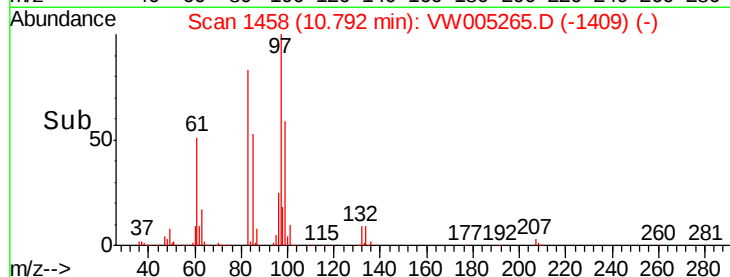
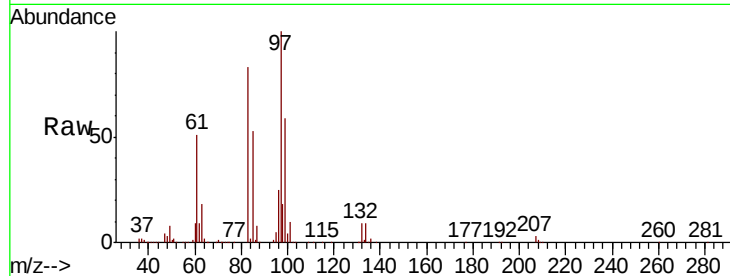
#55
 1,1,2-Trichloroethane
 Concen: 45.83 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005265.D
 Acq: 11 Sep 2018 10:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	155004
Ion	Ratio	Lower	Upper
97	100		
83	83.3	67.2	100.8
85	53.0	44.4	66.6
99	59.2	49.2	73.8

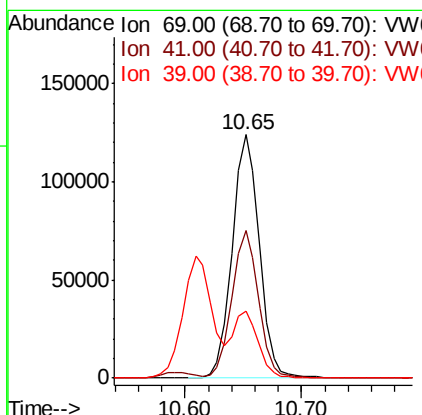
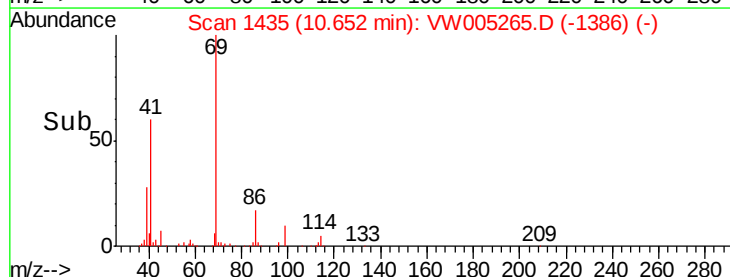
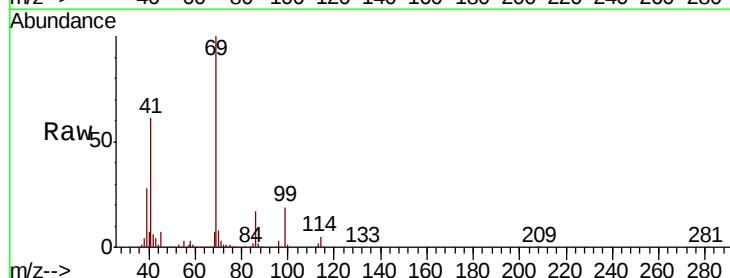
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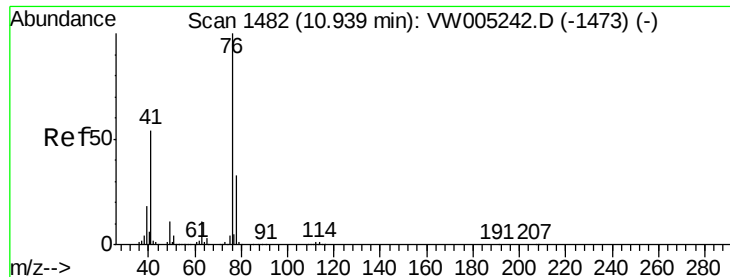
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#56
 Ethyl methacrylate
 Concen: 46.76 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005265.D
 Acq: 11 Sep 2018 10:23

Tgt Ion:	69	Resp:	200492
Ion	Ratio	Lower	Upper
69	100		
41	59.3	48.7	73.1
39	25.8	20.9	31.3





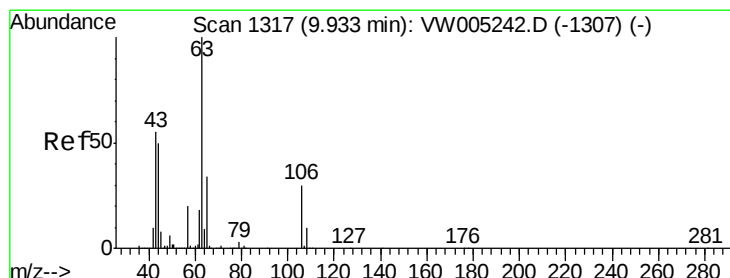
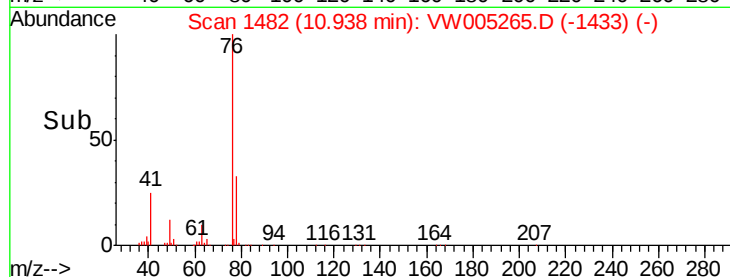
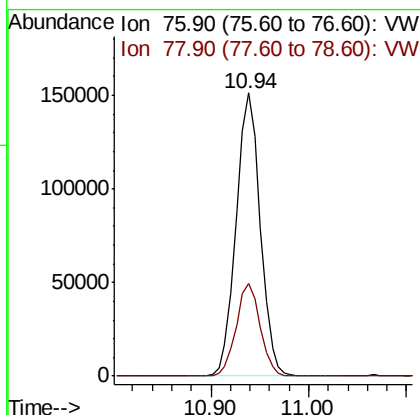
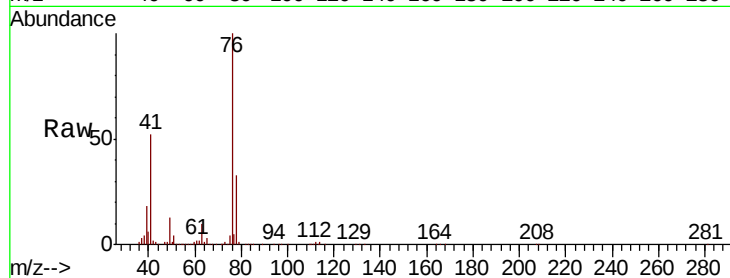
#57
 1,3-Dichloropropane
 Concen: 46.11 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005265.D
 Acq: 11 Sep 2018 10:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.0	39.0

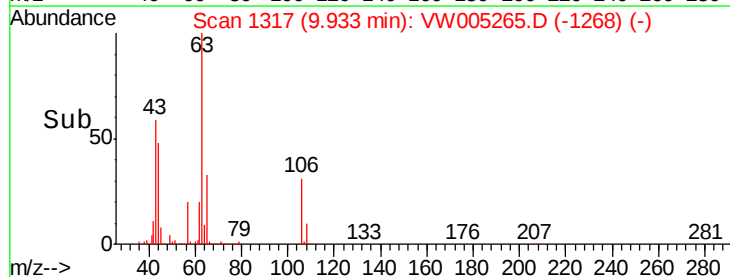
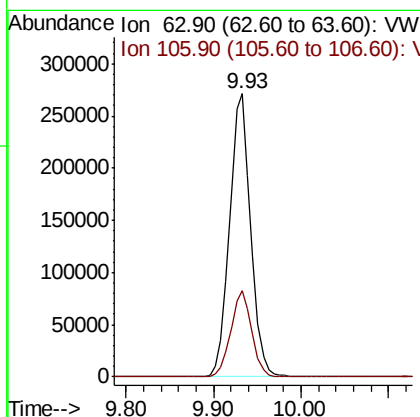
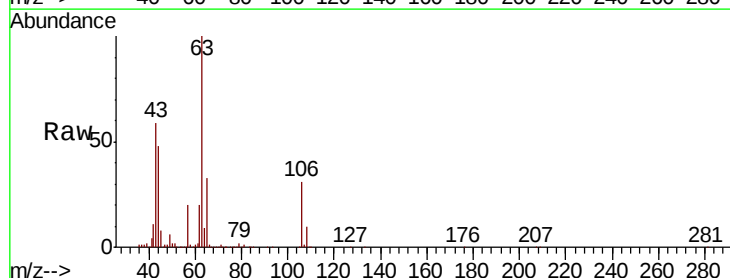
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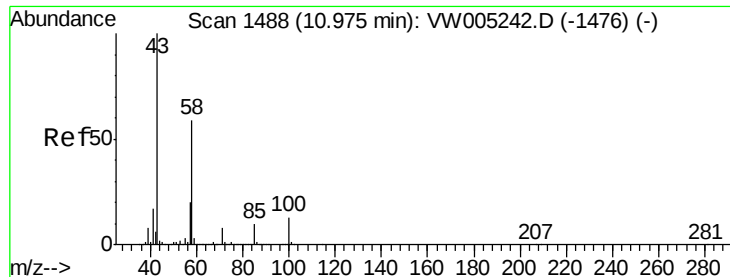
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#58
 2-Chloroethyl Vinyl ether
 Concen: 243.77 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VW005265.D
 Acq: 11 Sep 2018 10:23

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.0	23.4	35.0





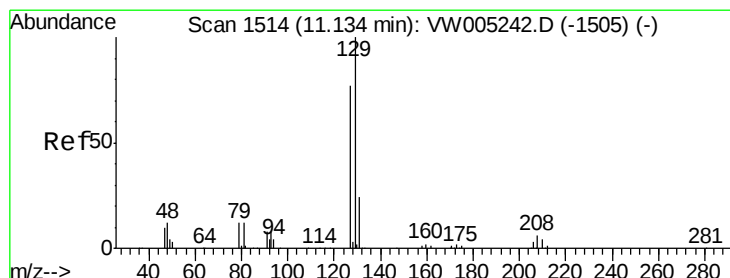
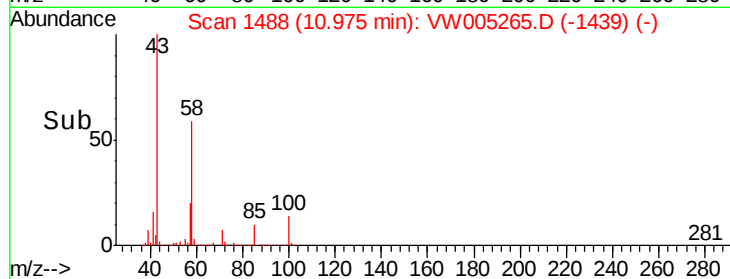
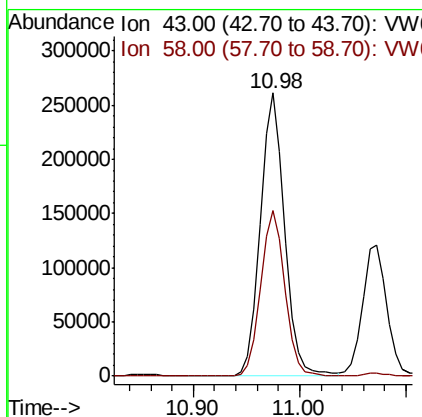
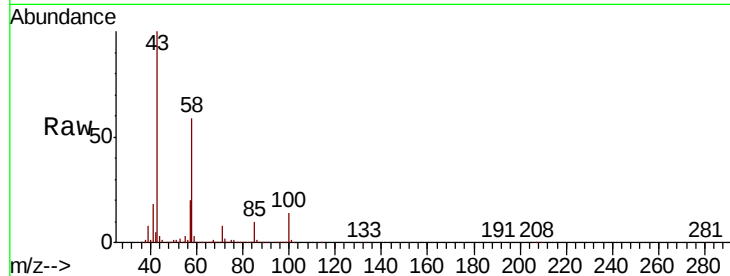
#59
2-Hexanone
Concen: 238.25 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005265.D
Acq: 11 Sep 2018 10:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 417786
Ion Ratio Lower Upper
43 100
58 58.3 29.3 87.9

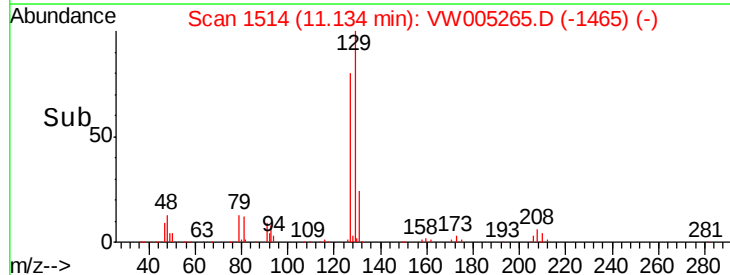
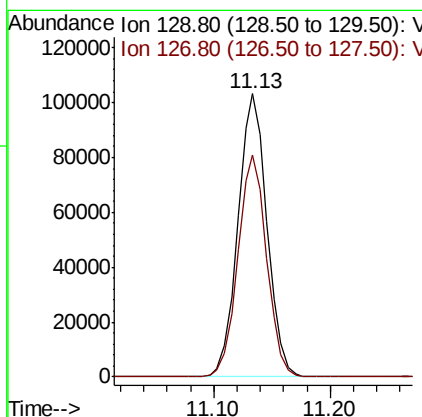
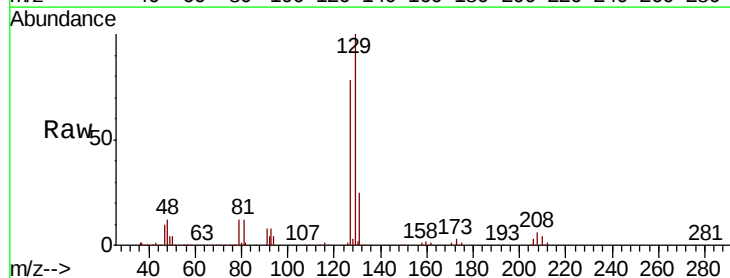
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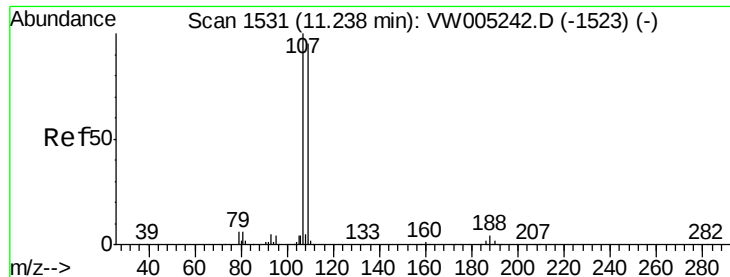
apatel
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#60
Dibromochloromethane
Concen: 47.56 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005265.D
Acq: 11 Sep 2018 10:23

Tgt Ion: 129 Resp: 178496
Ion Ratio Lower Upper
129 100
127 77.5 39.0 117.0





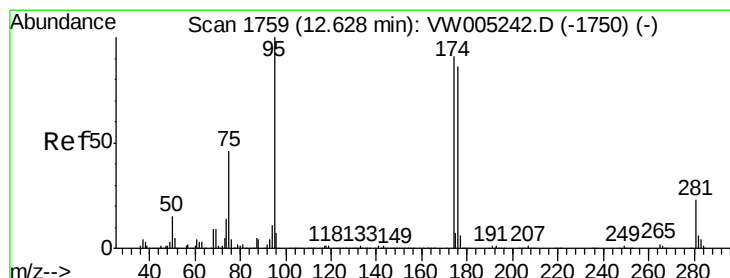
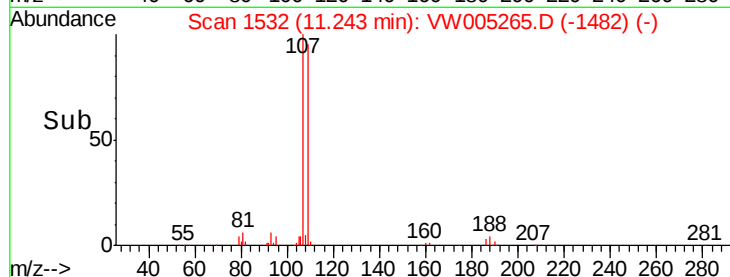
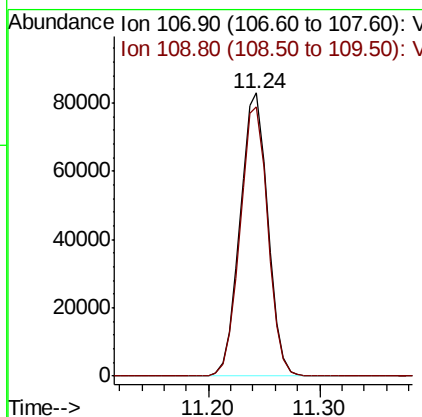
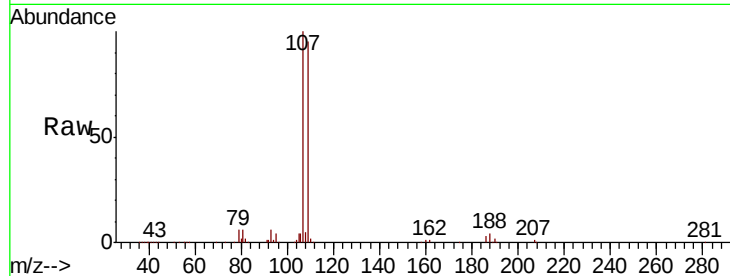
#61
 1,2-Dibromoethane
 Concen: 46.15 ug/l
 RT: 11.24 min Scan# 1532
 Delta R.T. 0.01 min
 Lab File: VW005265.D
 Acq: 11 Sep 2018 10:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.7	75.7	113.5

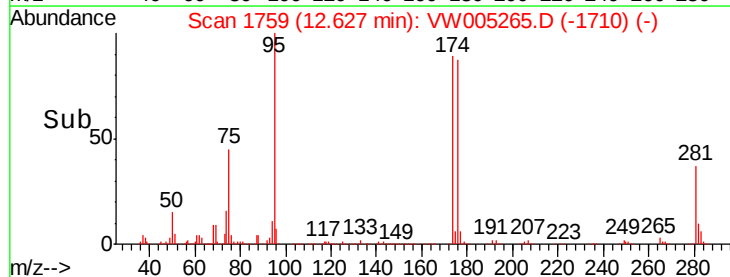
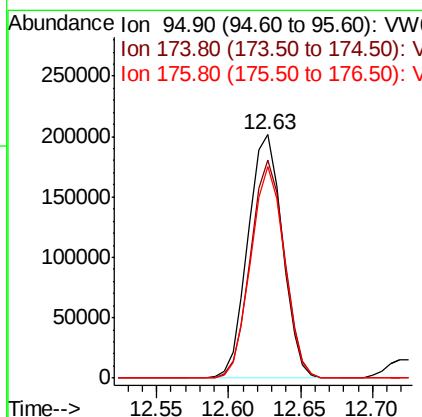
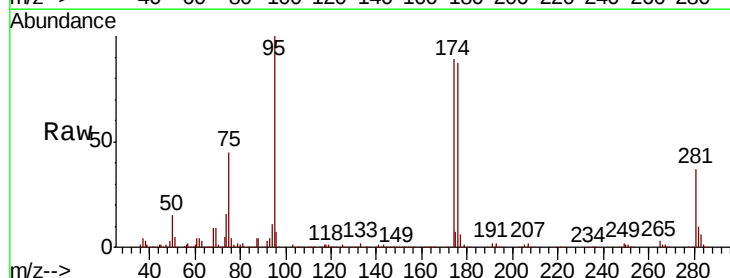
Manual Integrations
 APPROVED

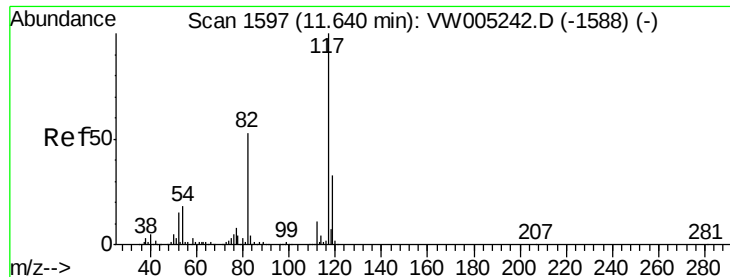
apatel
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#62
 4-Bromofluorobenzene
 Concen: 51.61 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: VW005265.D
 Acq: 11 Sep 2018 10:23

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.0	0.0	174.6
176	85.0	0.0	167.6





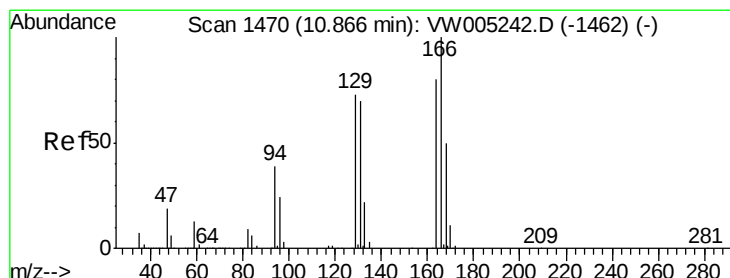
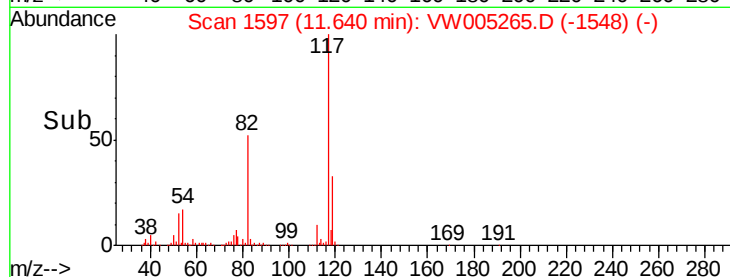
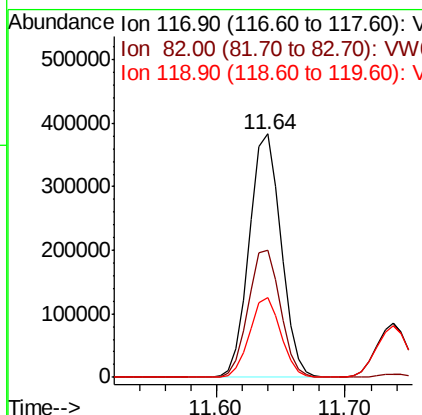
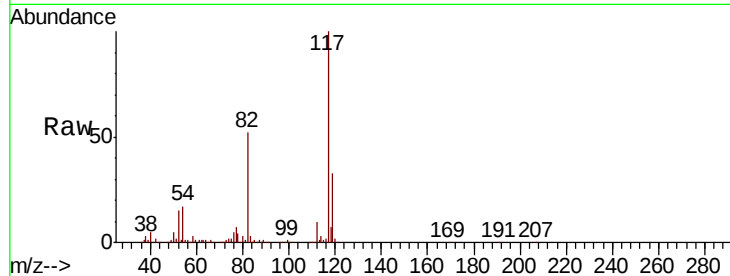
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005265.D
Acq: 11 Sep 2018 10:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	42.6	63.8
119	32.8	26.2	39.4

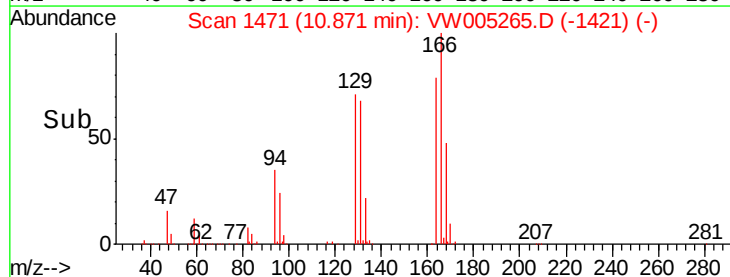
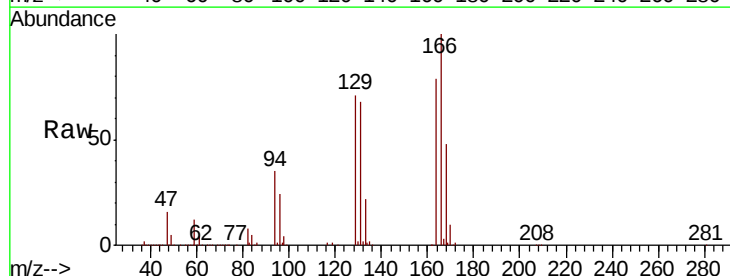
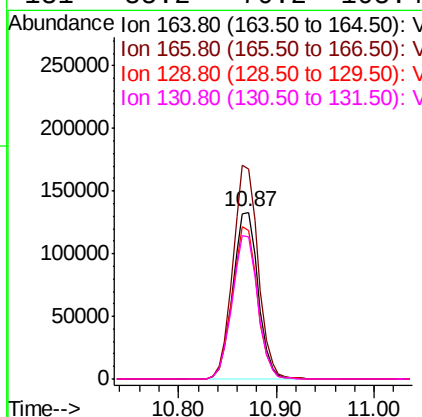
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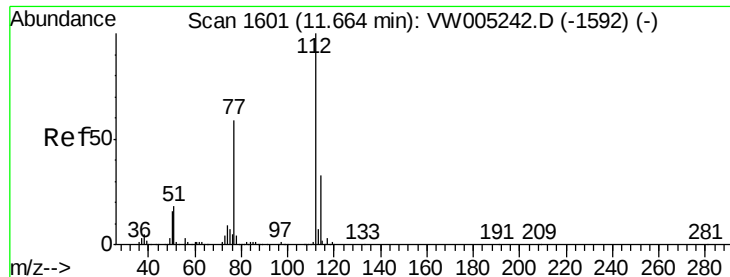
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#64
Tetrachloroethene
Concen: 49.55 ug/l
RT: 10.87 min Scan# 1471
Delta R.T. 0.01 min
Lab File: VW005265.D
Acq: 11 Sep 2018 10:23

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.0	100.2	150.2
129	89.4	73.2	109.8
131	85.2	70.2	105.4





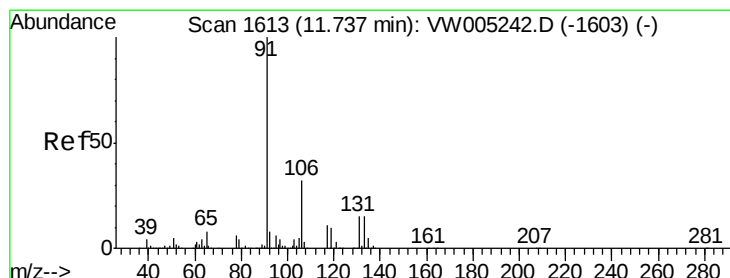
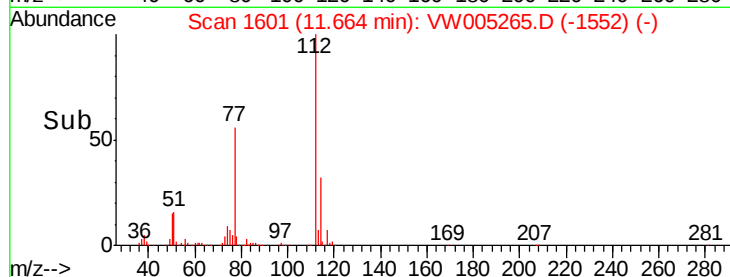
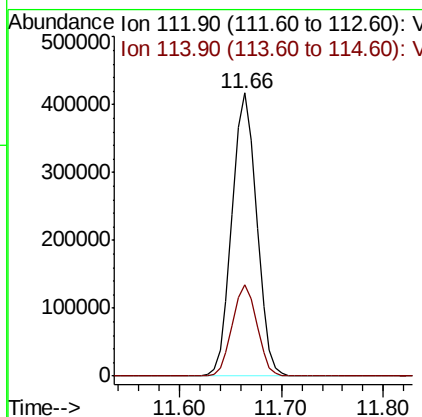
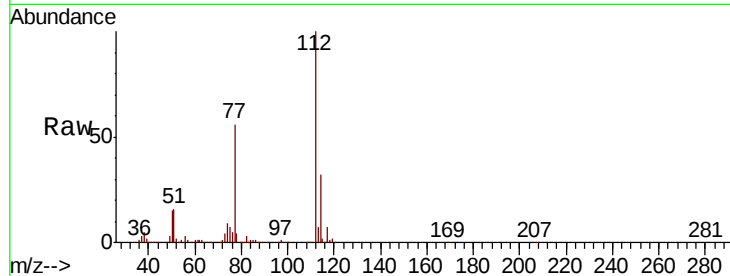
#65
Chlorobenzene
Concen: 49.08 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005265.D
Acq: 11 Sep 2018 10:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	26.2	39.4

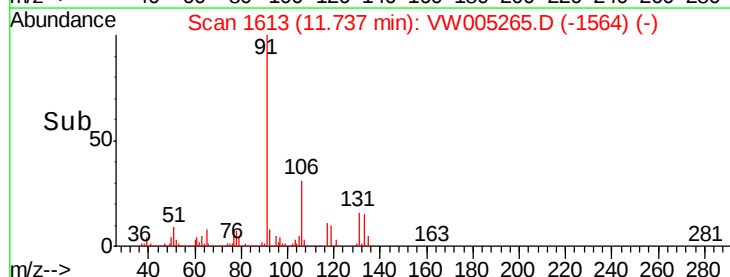
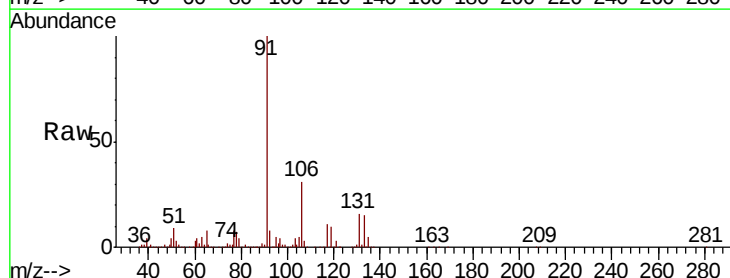
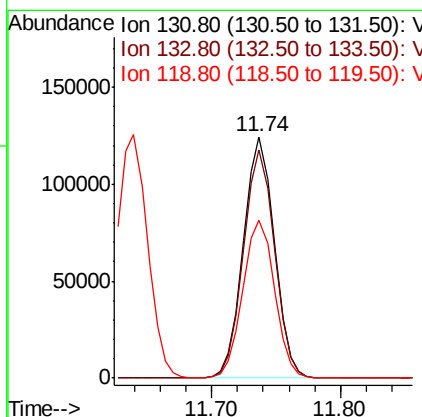
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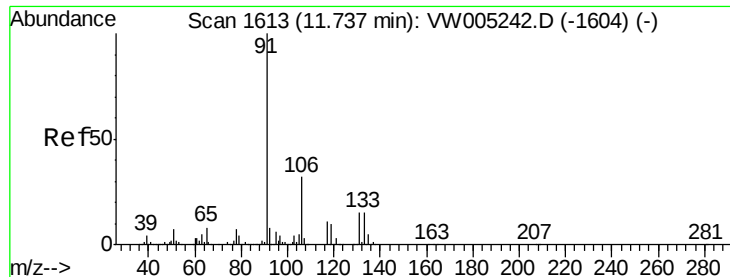
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.59 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005265.D
Acq: 11 Sep 2018 10:23

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.2	48.1	144.3
119	67.3	33.4	100.1





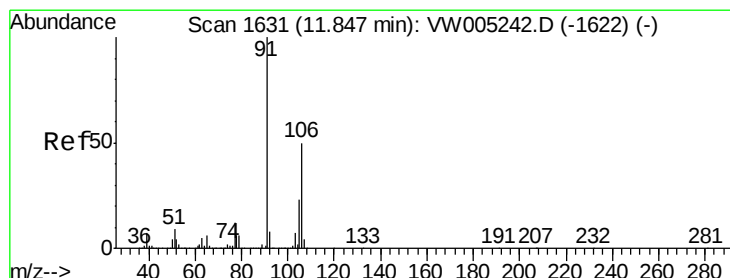
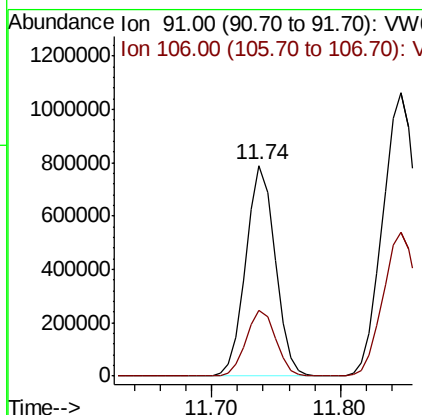
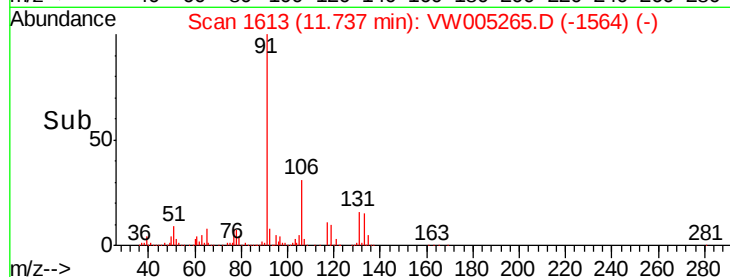
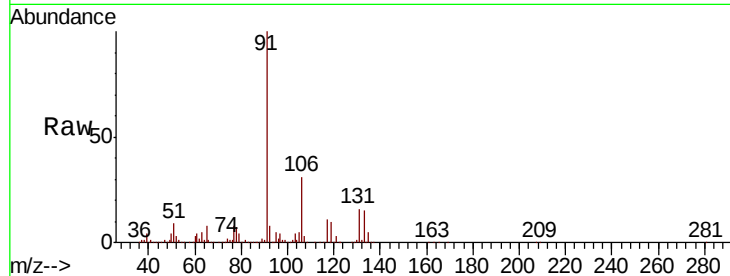
#67
Ethyl Benzene
Concen: 50.08 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005265.D
Acq: 11 Sep 2018 10:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1243761
Ion Ratio Lower Upper
91 100
106 31.3 25.6 38.4

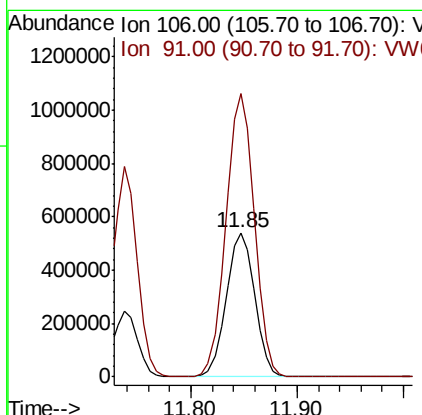
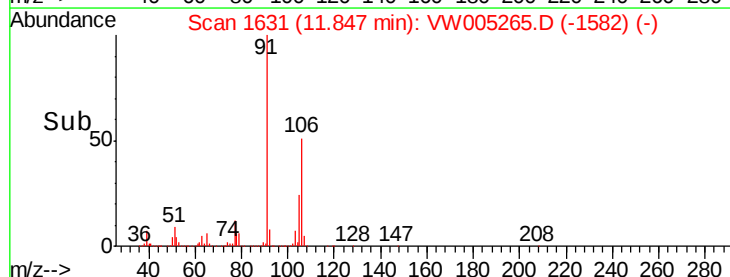
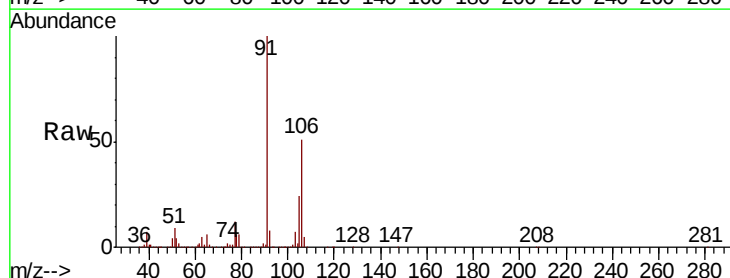
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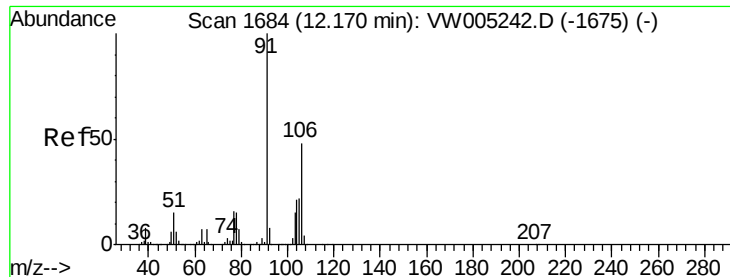
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#68
m/p-Xylenes
Concen: 100.76 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005265.D
Acq: 11 Sep 2018 10:23

Tgt Ion: 106 Resp: 1008434
Ion Ratio Lower Upper
106 100
91 196.5 160.2 240.2





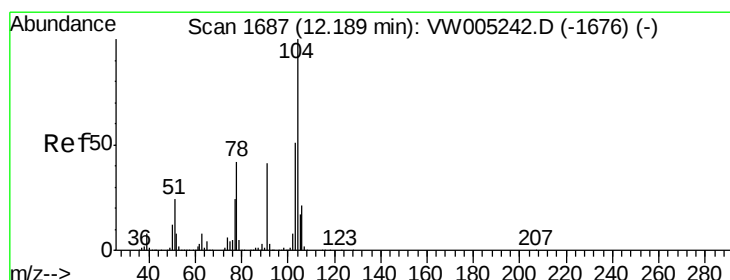
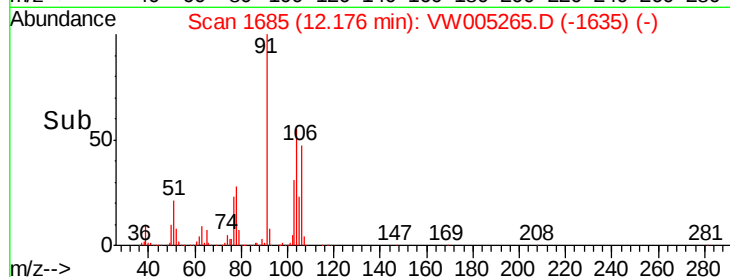
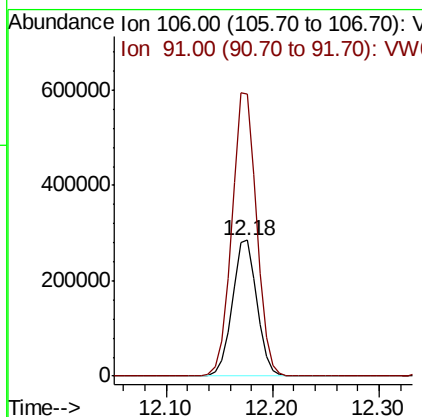
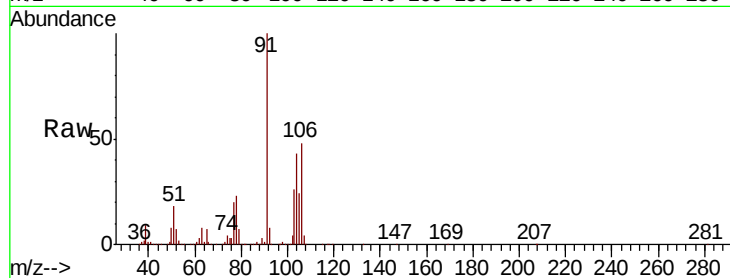
#69
o-Xylene
Concen: 49.63 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.01 min
Lab File: VW005265.D
Acq: 11 Sep 2018 10:23

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.6	104.1	312.3

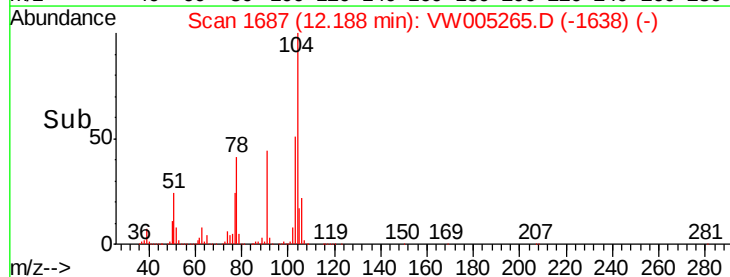
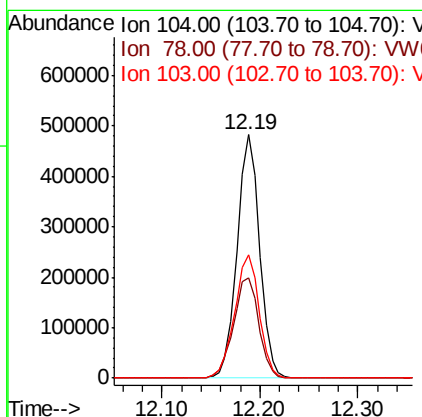
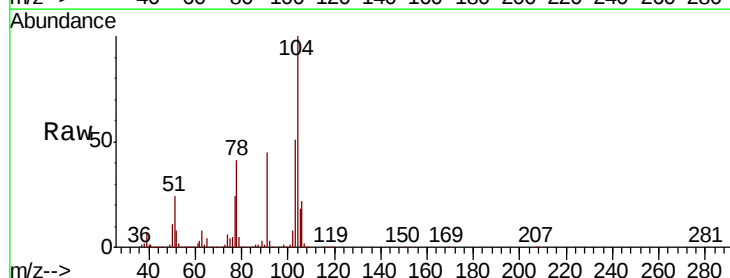
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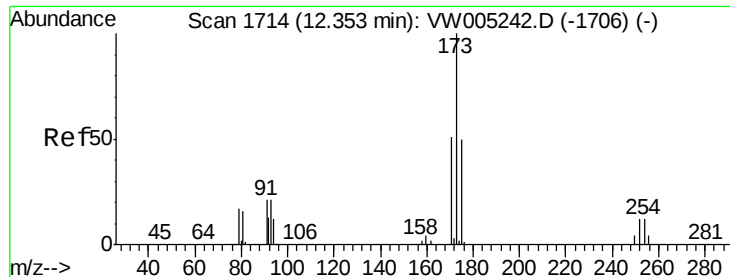
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#70
Styrene
Concen: 50.64 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005265.D
Acq: 11 Sep 2018 10:23

Tgt Ion	Ratio	Lower	Upper
104	100		
78	46.5	37.4	56.2
103	55.1	44.1	66.1





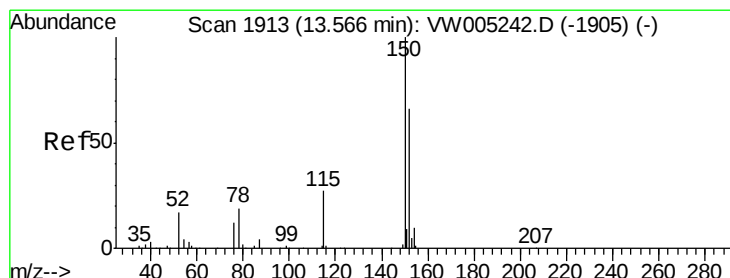
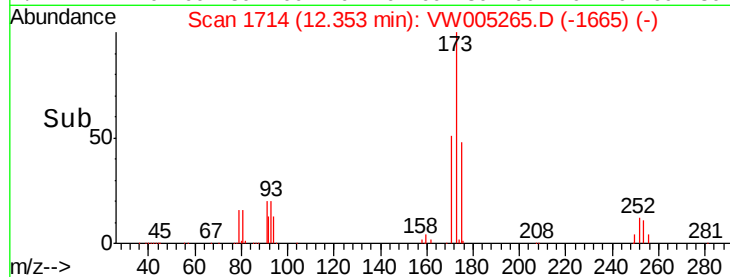
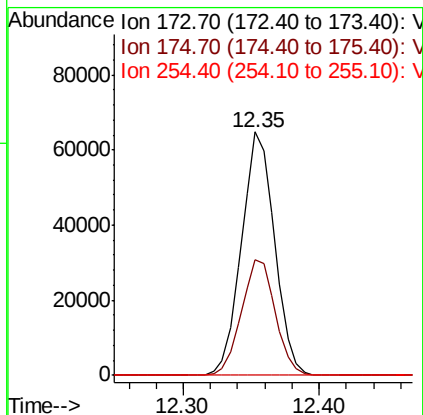
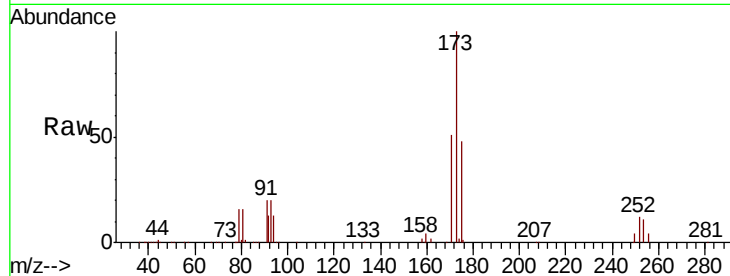
#71
Bromoform
Concen: 47.71 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW005265.D
Acq: 11 Sep 2018 10:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.9	74.6
254	0.0	0.1	0.1#

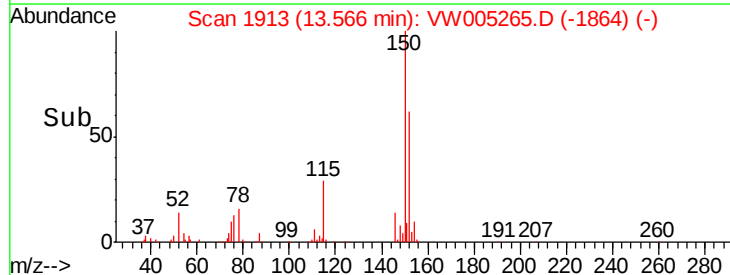
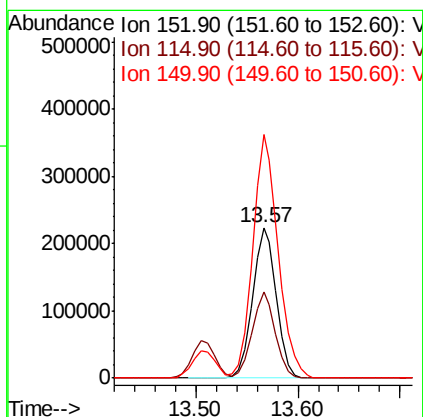
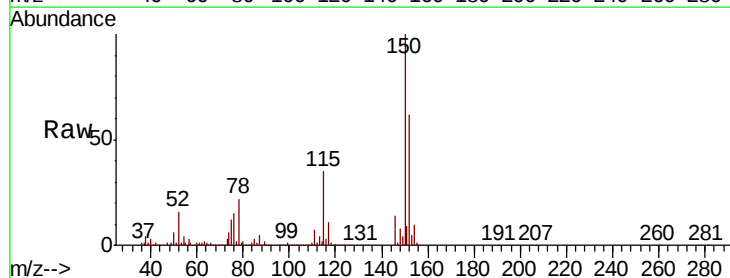
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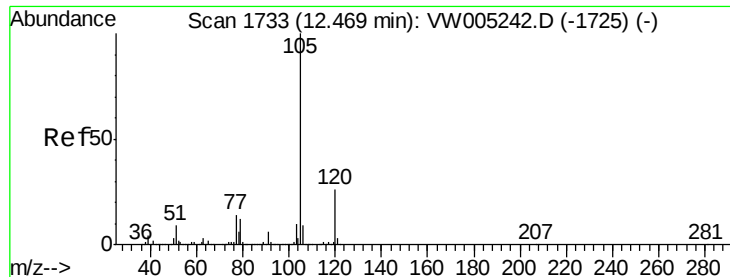
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005265.D
Acq: 11 Sep 2018 10:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.8	27.5	82.4
150	174.6	0.0	347.4





#73

Isopropylbenzene

Concen: 50.17 ug/l

RT: 12.47 min Scan# 1734

Delta R.T. 0.01 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 1272728

Ion Ratio Lower Upper

105 100

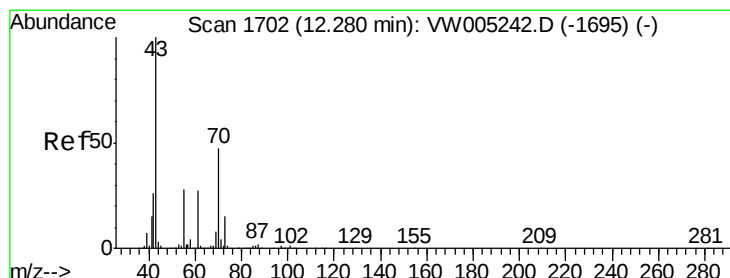
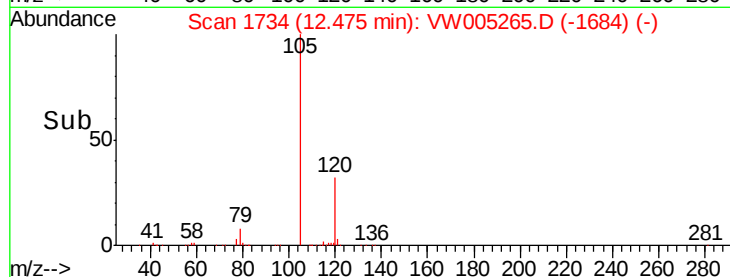
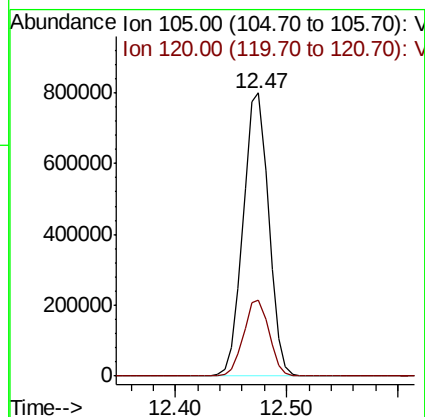
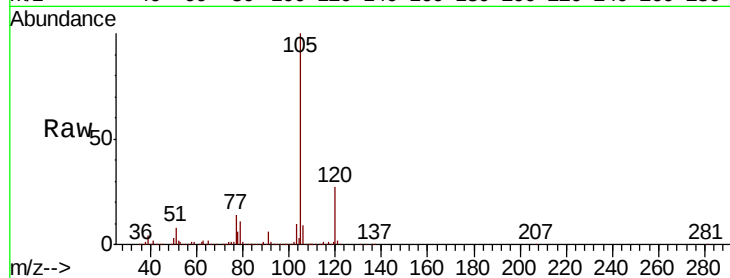
120 26.8 13.4 40.1

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#74

N-ethyl acetate

Concen: 45.32 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Tgt Ion: 43 Resp: 218738

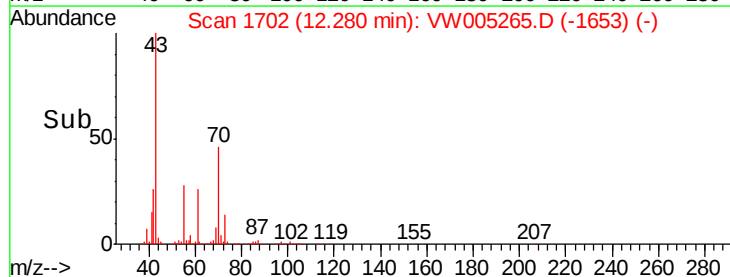
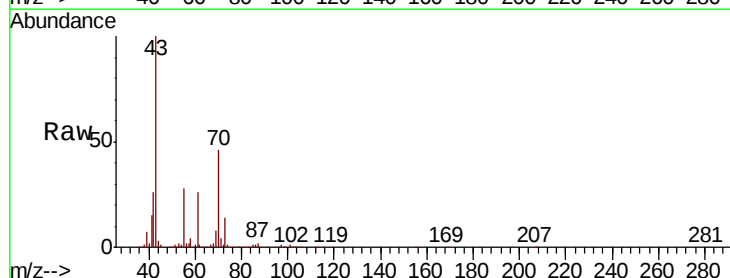
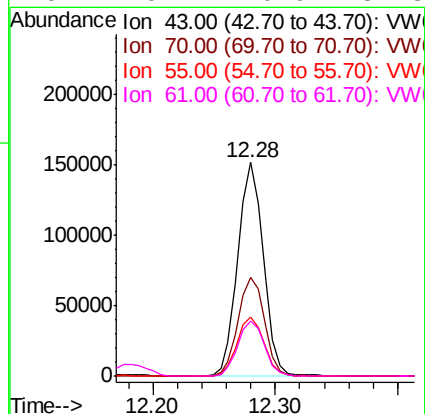
Ion Ratio Lower Upper

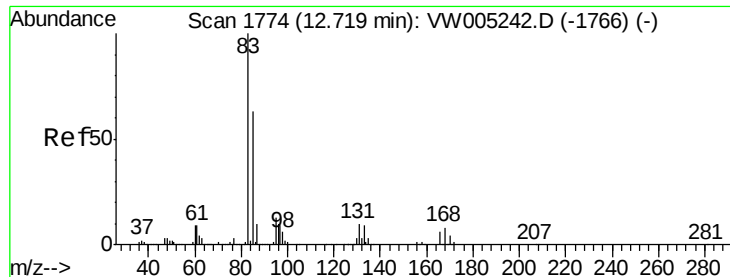
43 100

70 48.0 37.9 56.9

55 29.2 22.6 33.8

61 26.7 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 45.85 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Instrument :

MSVOA_W

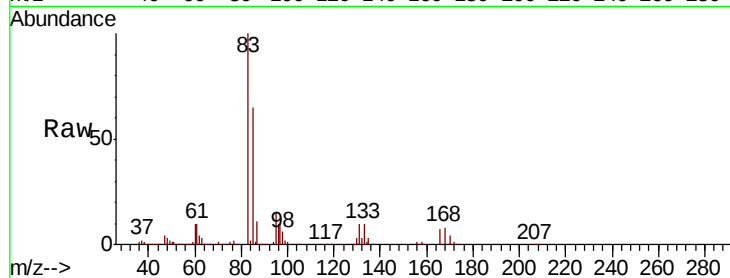
ClientSampled :

VSTDCCC050

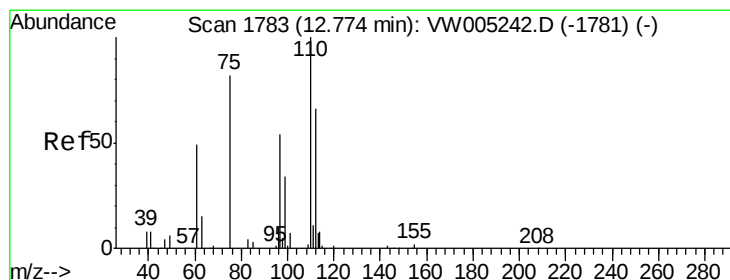
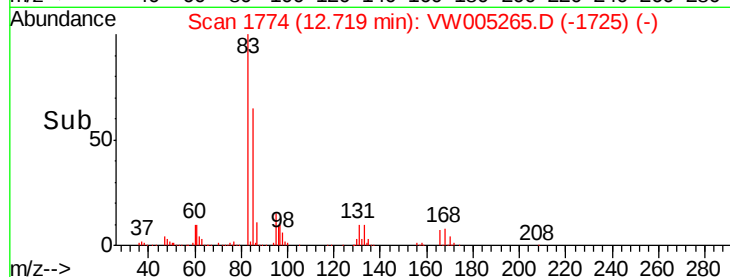
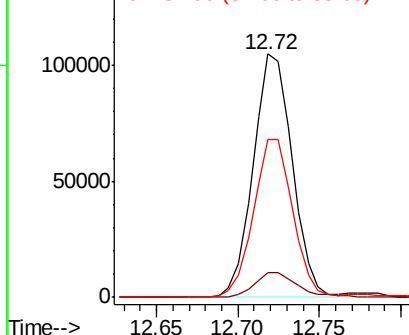
Tot Ion:	83	Resp:	174830
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.5	16.4
85	65.1	31.6	95.0

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Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 45.20 ug/l m

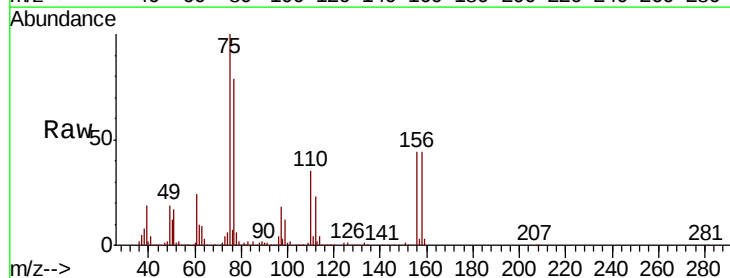
RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

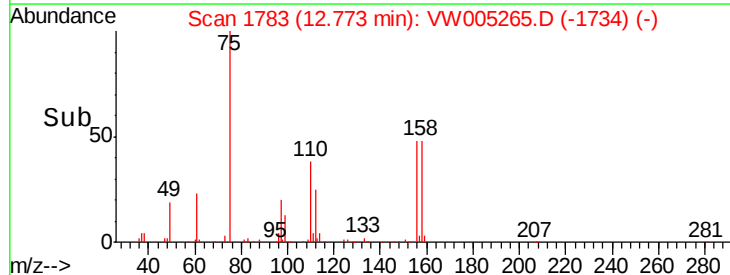
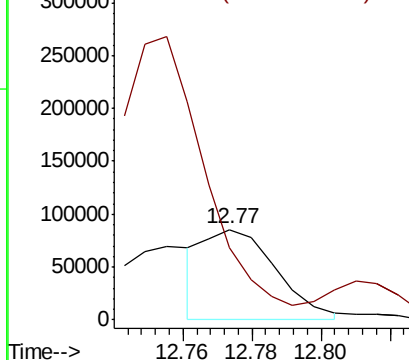
Lab File: VW005265.D

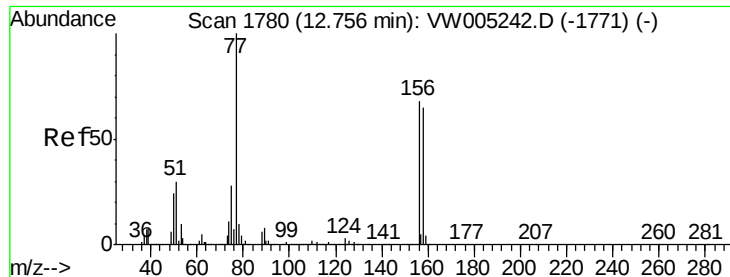
Acq: 11 Sep 2018 10:23

Tgt Ion:	75	Resp:	124843
Ion Ratio	Lower	Upper	
75	100		
77	396.3	0.0	0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 49.14 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Instrument :

MSVOA_W

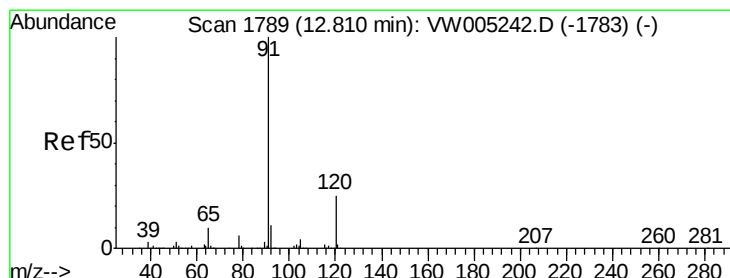
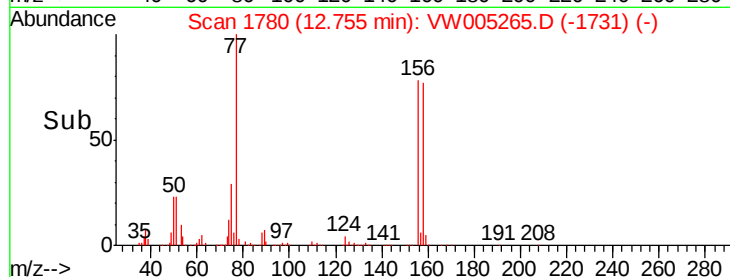
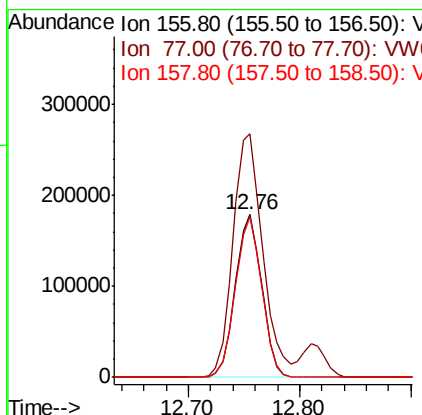
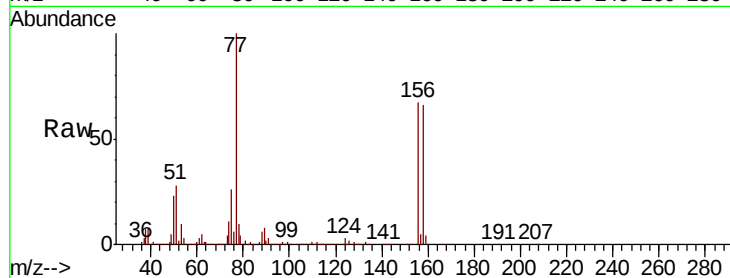
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	293693
Ion Ratio	Lower	Upper	
156	100		
77	168.4	86.3	258.8
158	98.1	48.6	145.8

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#78

n-propylbenzene

Concen: 50.63 ug/l

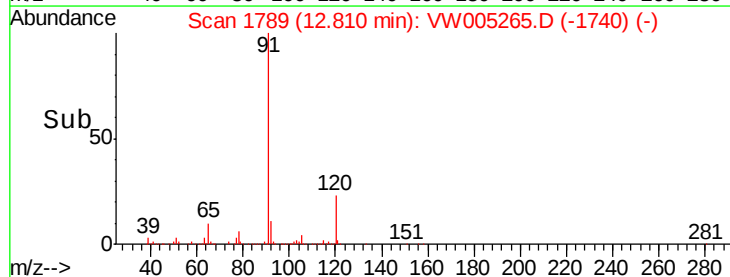
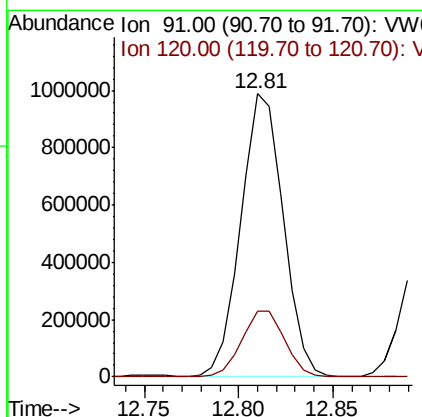
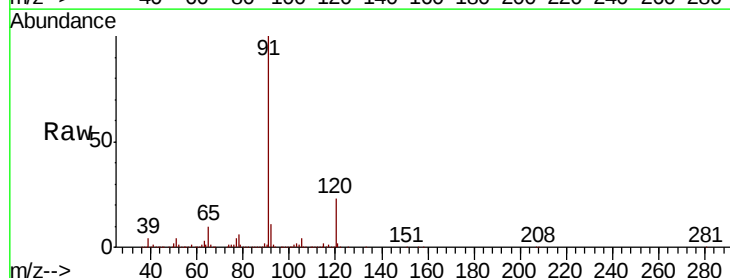
RT: 12.81 min Scan# 1789

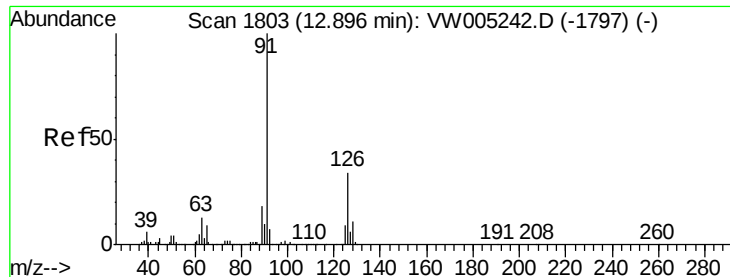
Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Tgt Ion:	91	Resp:	1542665
Ion Ratio	Lower	Upper	
91	100		
120	23.7	12.0	36.0





#79

2-Chlorotoluene

Concen: 49.28 ug/l

RT: 12.90 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 861080

Ion Ratio Lower Upper

91 100

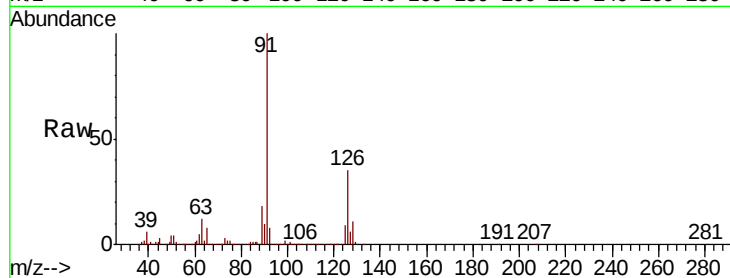
126 34.9 17.2 51.5

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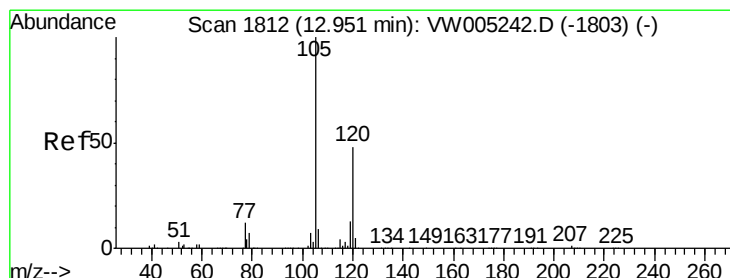
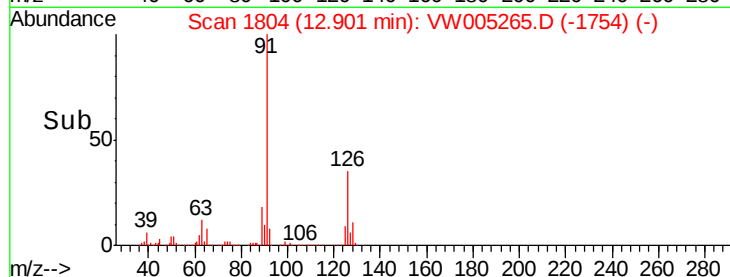
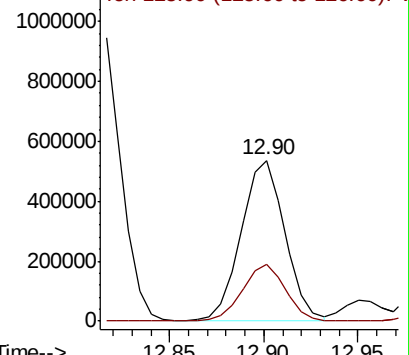
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.43 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005265.D

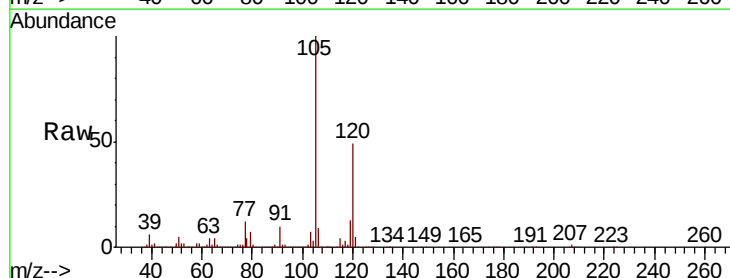
Acq: 11 Sep 2018 10:23

Tgt Ion:105 Resp: 1089404

Ion Ratio Lower Upper

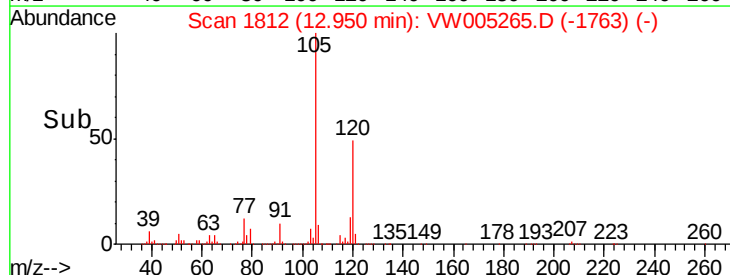
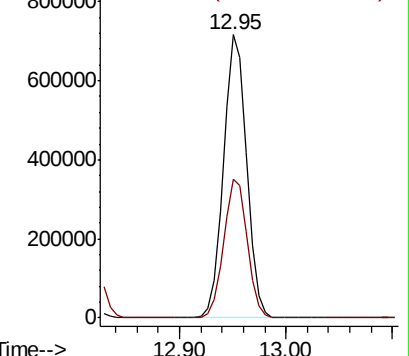
105 100

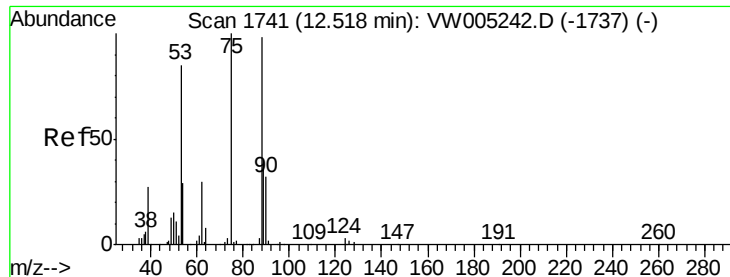
120 50.0 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





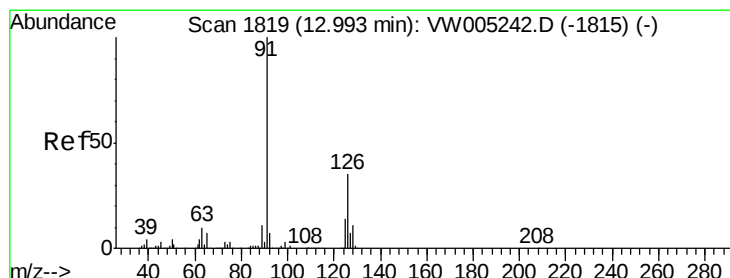
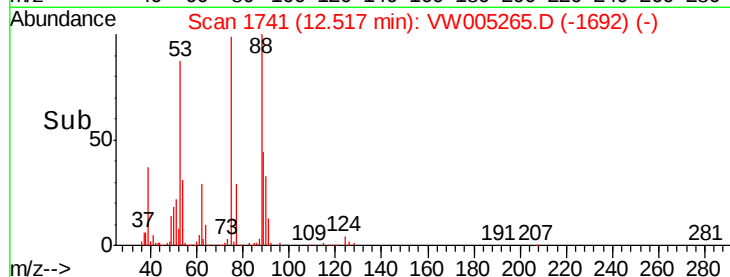
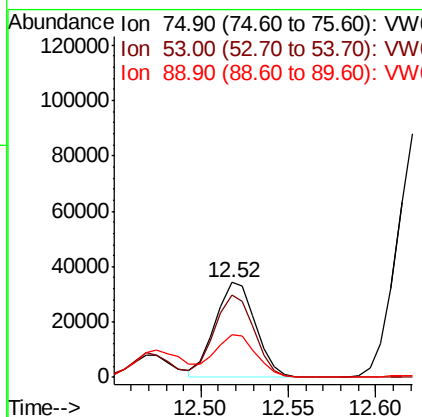
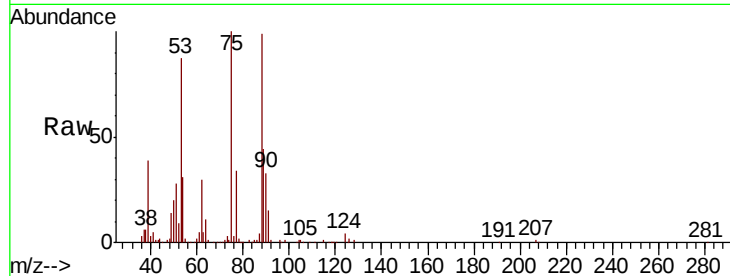
#81
trans-1,4-Dichloro-2-butene
Concen: 46.51 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005265.D
Acq: 11 Sep 2018 10:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	86.7	67.0	100.6
89	45.2	37.0	55.4

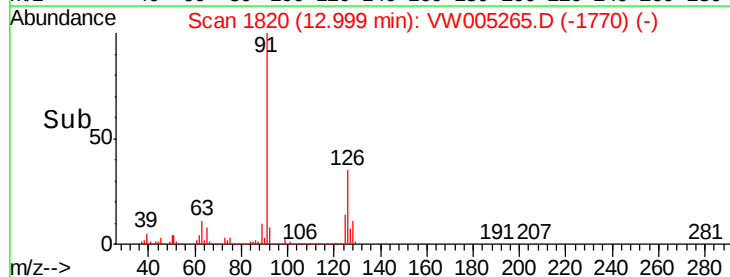
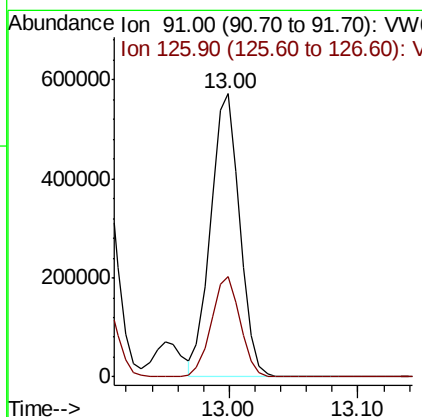
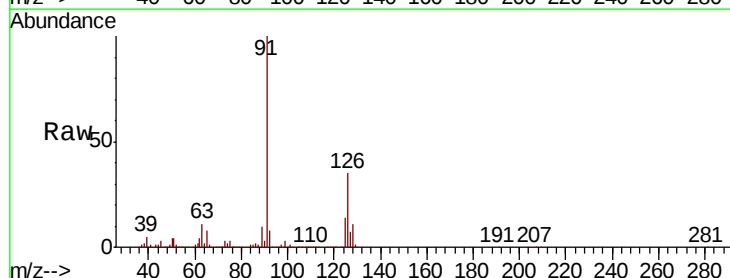
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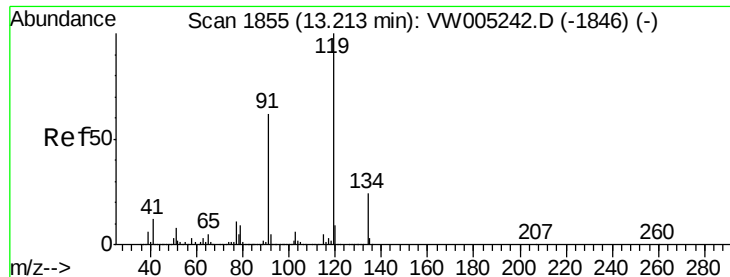
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#82
4-Chlorotoluene
Concen: 49.24 ug/l
RT: 13.00 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VW005265.D
Acq: 11 Sep 2018 10:23

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.3	17.5	52.5





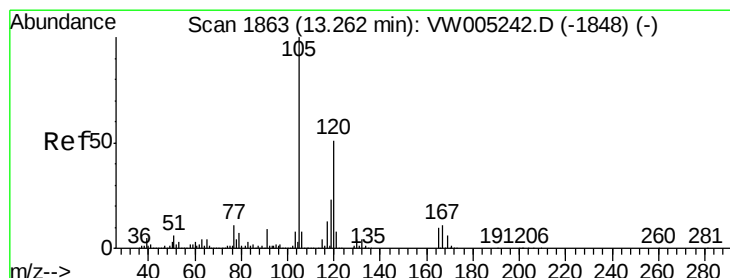
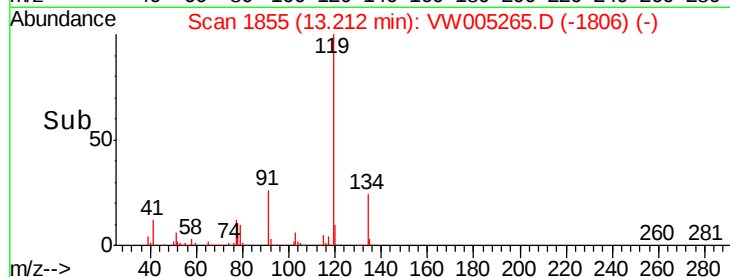
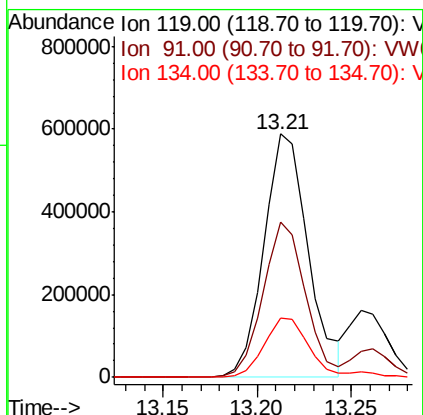
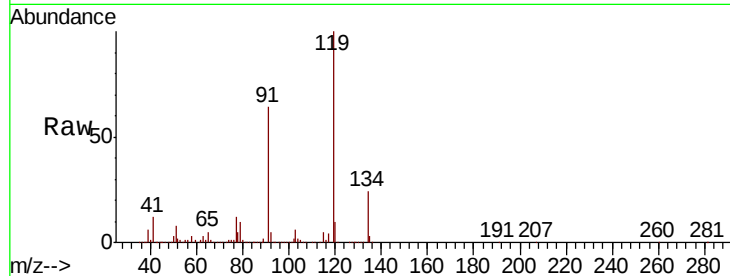
#83
tert-Butylbenzene
Concen: 50.93 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW005265.D
Acq: 11 Sep 2018 10:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.8	31.7	95.1
134	25.7	13.0	38.9

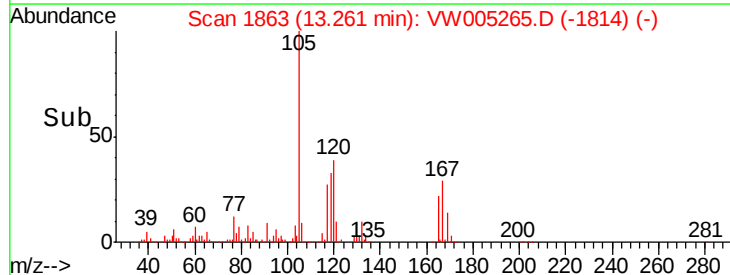
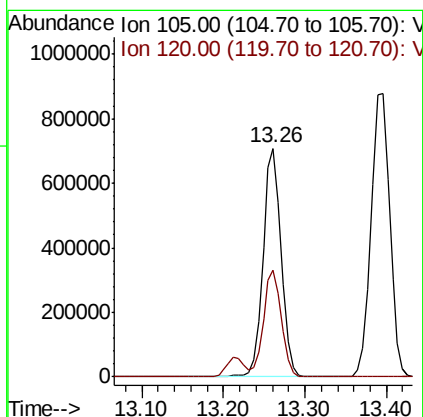
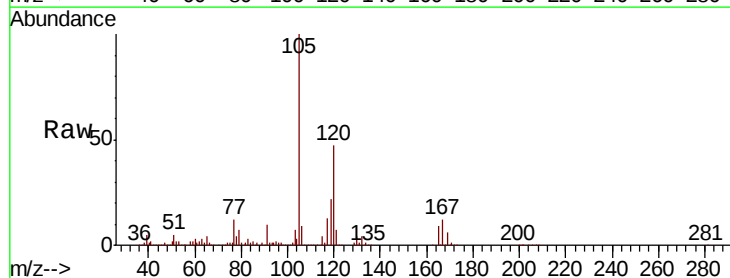
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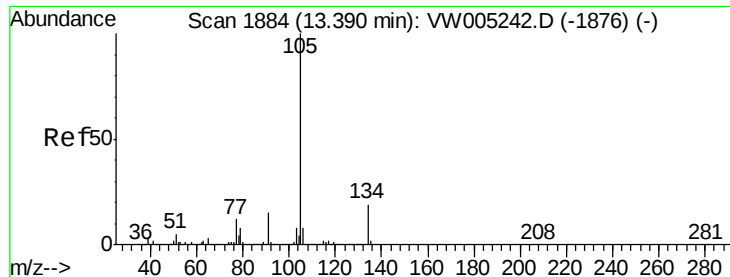
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#84
1,2,4-Trimethylbenzene
Concen: 50.41 ug/l
RT: 13.26 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VW005265.D
Acq: 11 Sep 2018 10:23

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	23.4	70.3





#85

sec-Butylbenzene

Concen: 50.91 ug/l

RT: 13.40 min Scan# 1885

Delta R.T. 0.01 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1382540

Ion Ratio Lower Upper

105 100

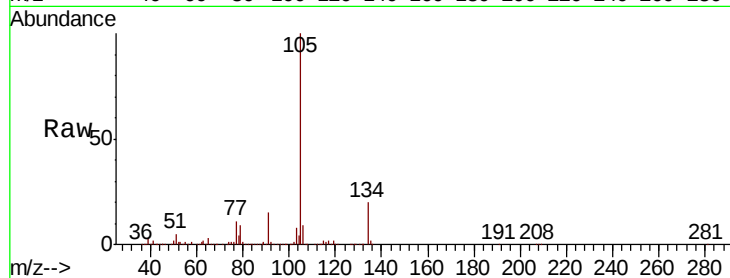
134 20.3 9.9 29.7

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.40

800000

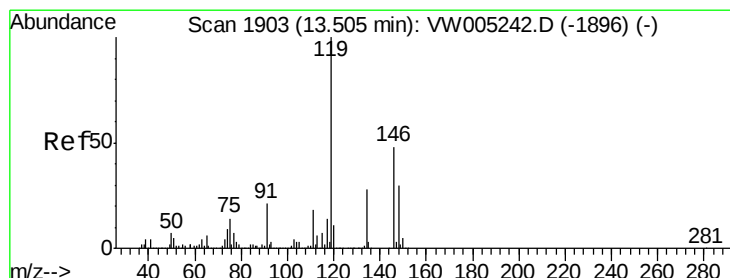
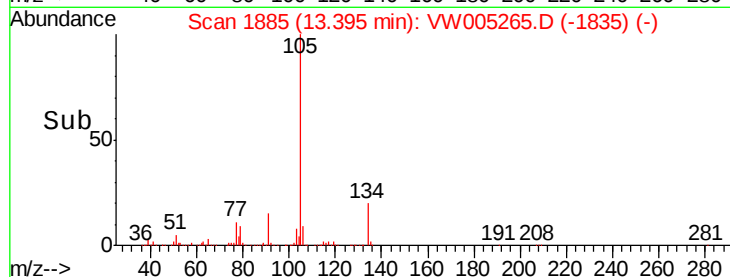
600000

400000

200000

0

Time--> 13.30 13.40



#86

p-Isopropyltoluene

Concen: 51.60 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

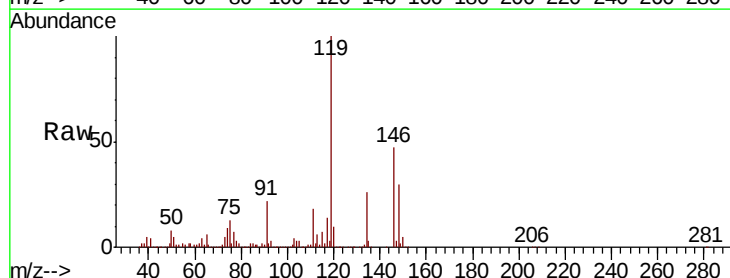
Tgt Ion:119 Resp: 1240383

Ion Ratio Lower Upper

119 100

134 26.1 13.2 39.5

91 21.7 10.7 32.1



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

13.51

800000

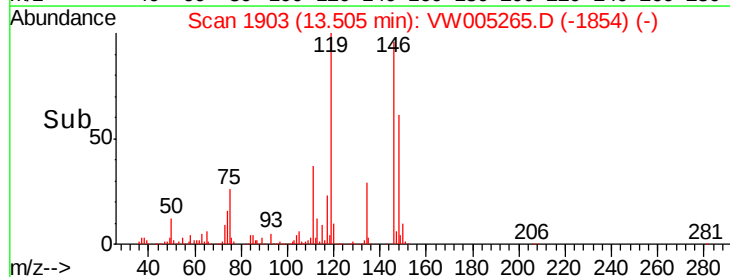
600000

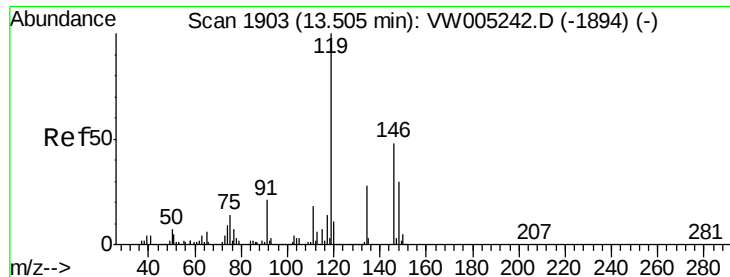
400000

200000

0

Time--> 13.40 13.50 13.60





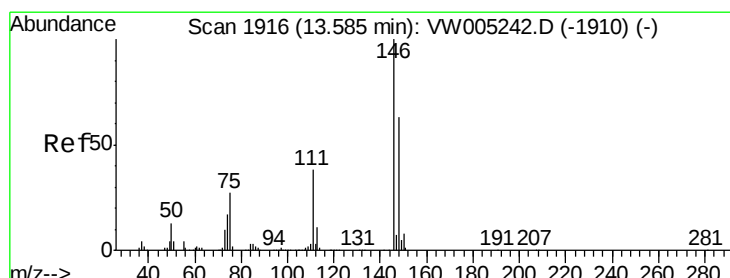
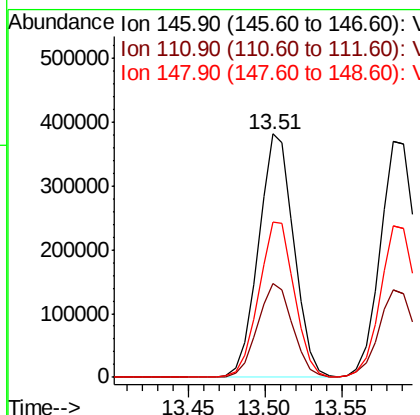
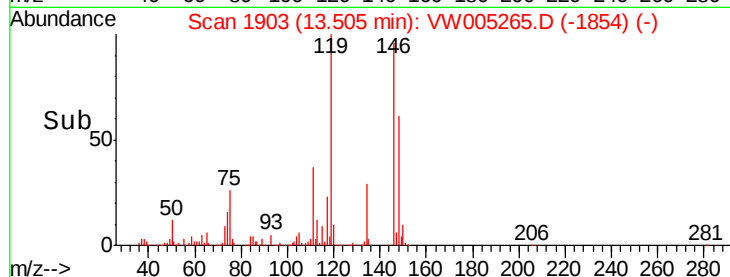
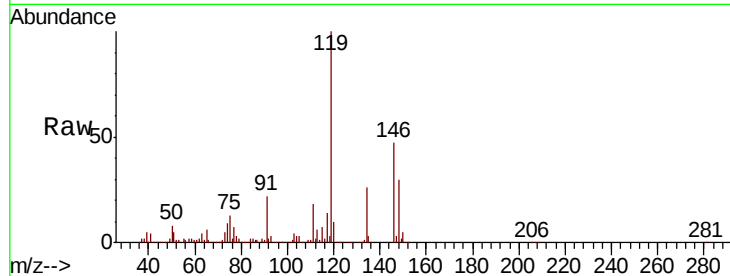
#87
 1,3-Dichlorobenzene
 Concen: 48.85 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005265.D
 Acq: 11 Sep 2018 10:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	613097		
111	38.3	18.8	56.3	
148	64.2	31.6	94.8	

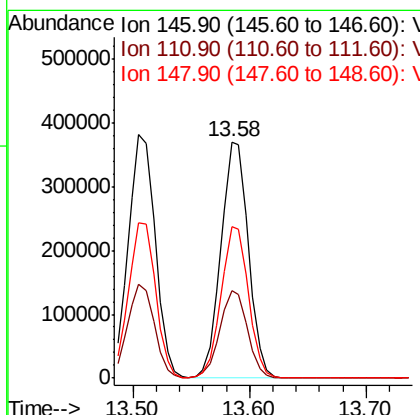
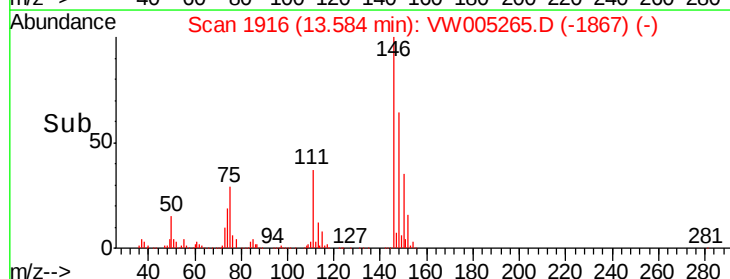
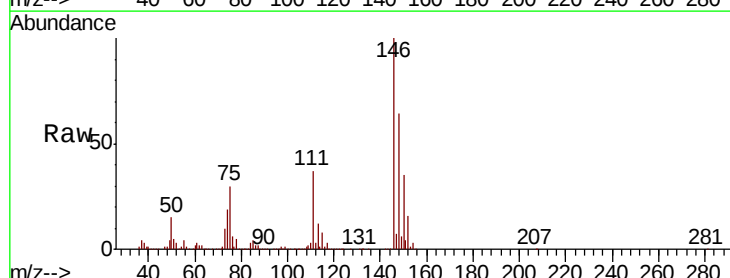
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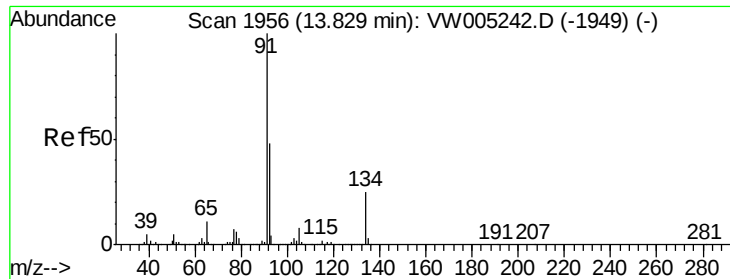
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#88
 1,4-Dichlorobenzene
 Concen: 48.82 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005265.D
 Acq: 11 Sep 2018 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	601847		
111	37.3	19.1	57.3	
148	63.8	32.3	96.9	





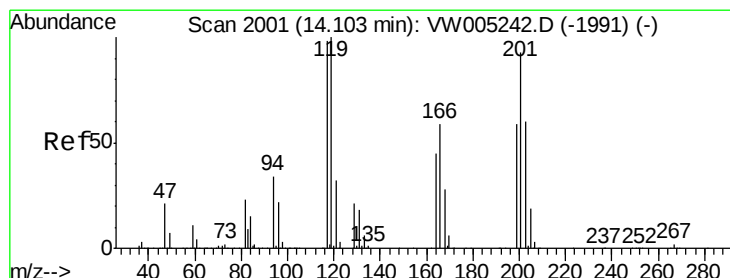
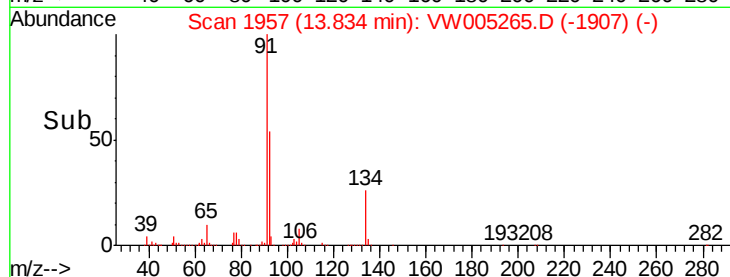
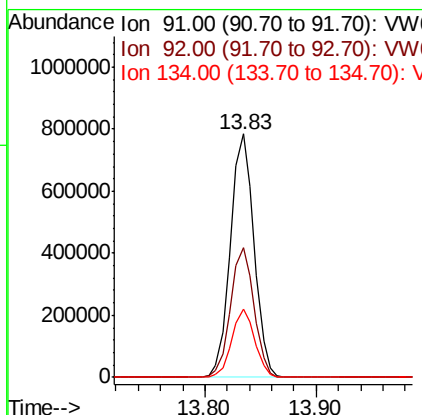
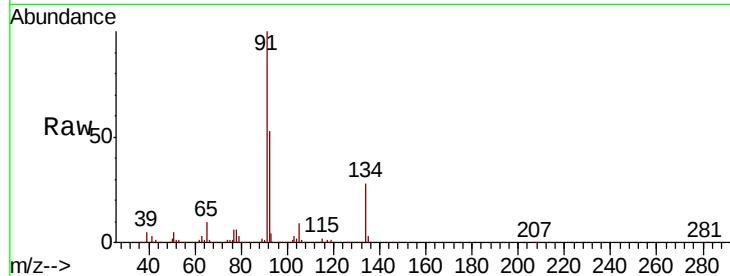
#89
n-Butylbenzene
Concen: 50.85 ug/l
RT: 13.83 min Scan# 1957
Delta R.T. 0.01 min
Lab File: VW005265.D
Acq: 11 Sep 2018 10:23

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	25.8	77.3
134	27.3	13.6	40.8

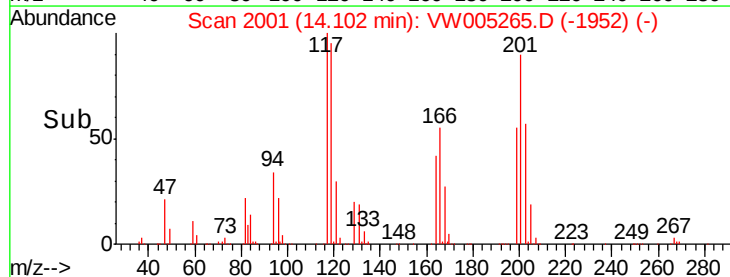
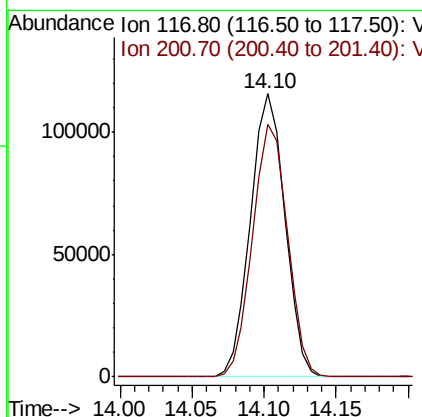
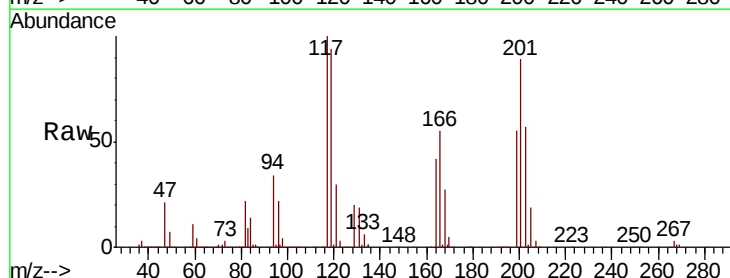
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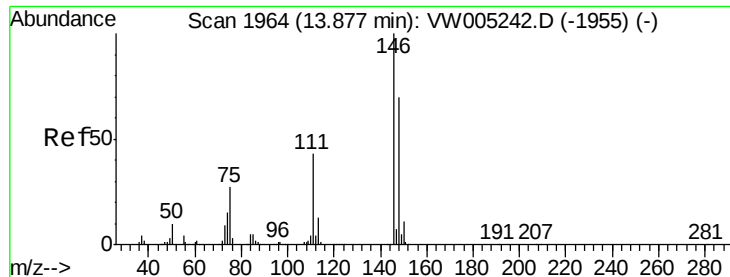
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#90
Hexachloroethane
Concen: 49.90 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. -0.00 min
Lab File: VW005265.D
Acq: 11 Sep 2018 10:23

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.0	44.0	132.1





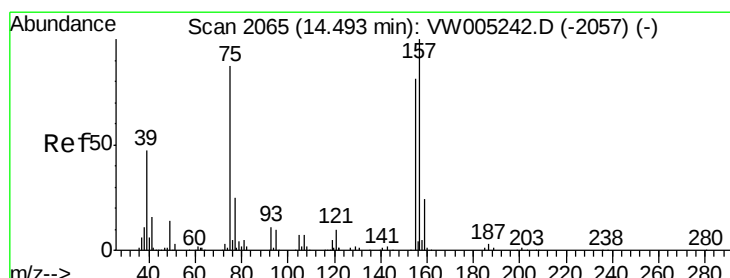
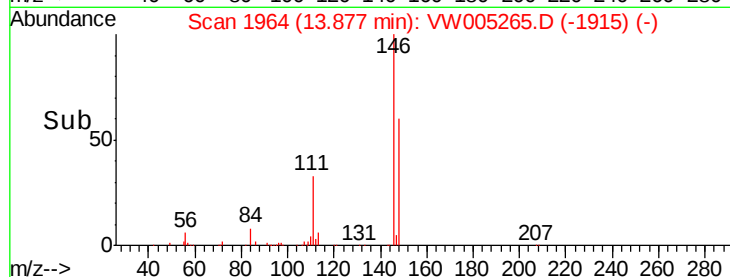
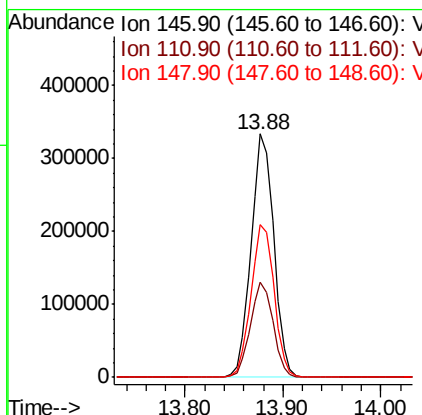
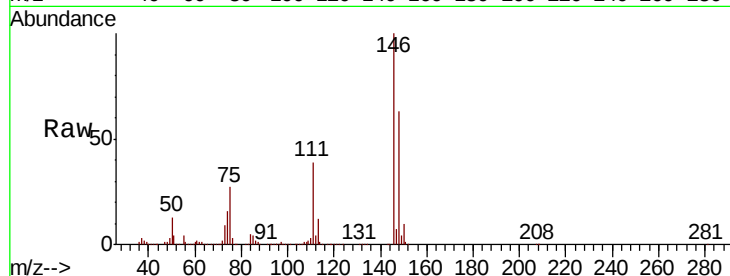
#91
 1,2-Dichlorobenzene
 Concen: 48.83 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005265.D
 Acq: 11 Sep 2018 10:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	20.5	61.5
148	63.7	32.7	98.1

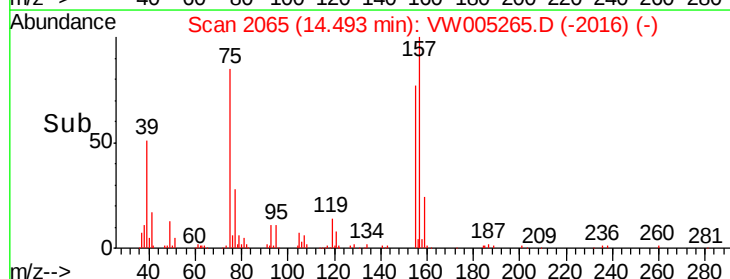
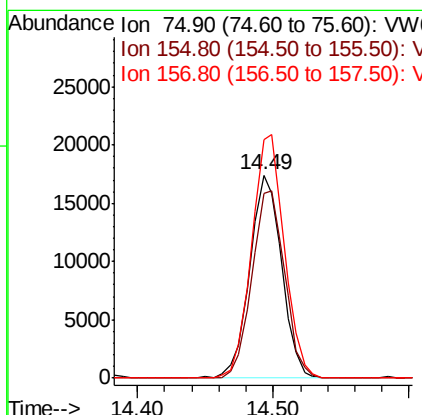
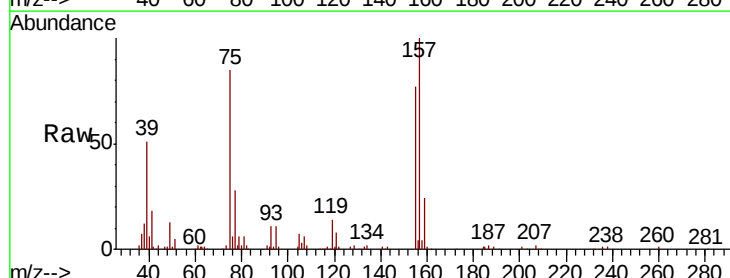
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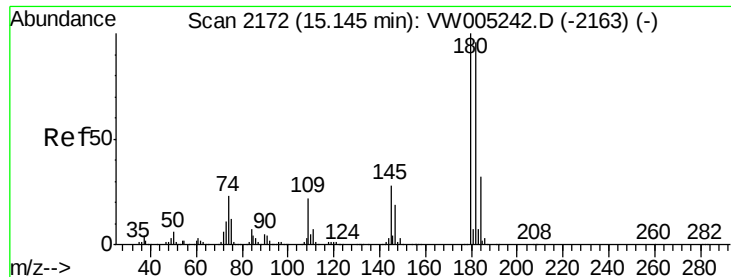
apatel
 9/12/2018 10:29:08 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.17 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005265.D
 Acq: 11 Sep 2018 10:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.4	47.4	142.2
157	122.8	59.4	178.2





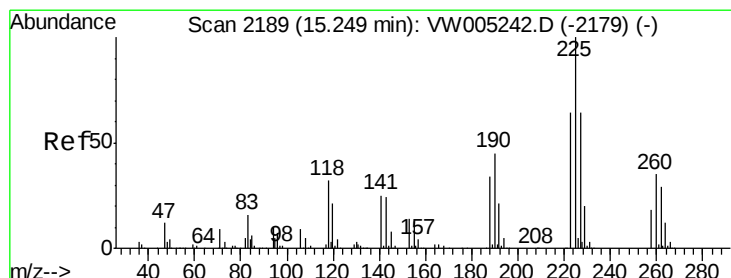
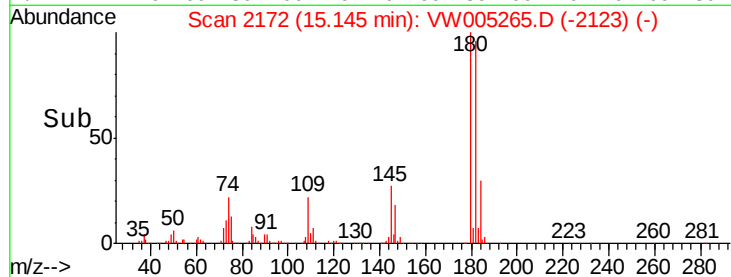
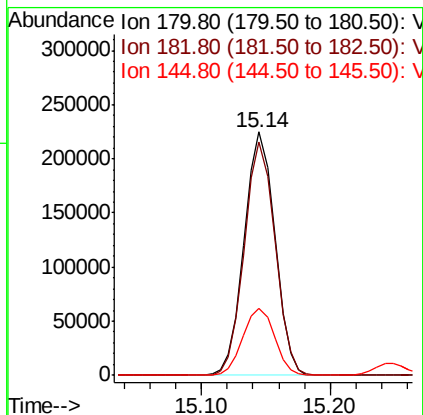
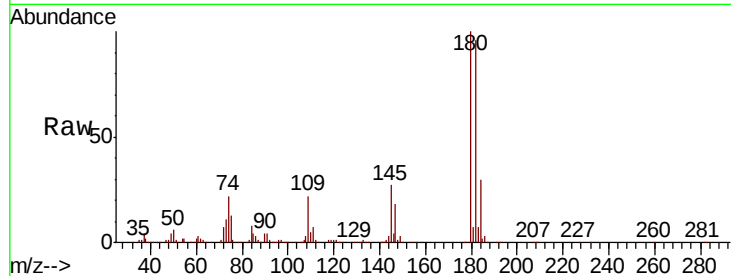
#93
 1,2,4-Trichlorobenzene
 Concen: 47.53 ug/l
 RT: 15.14 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW005265.D
 Acq: 11 Sep 2018 10:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.7	48.1	144.4	
145	28.5	14.5	43.6	

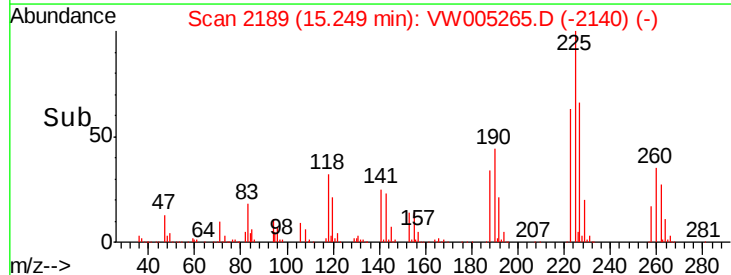
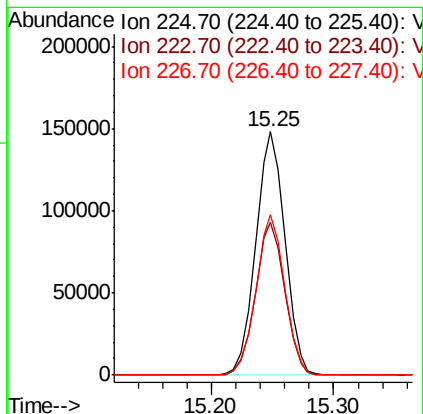
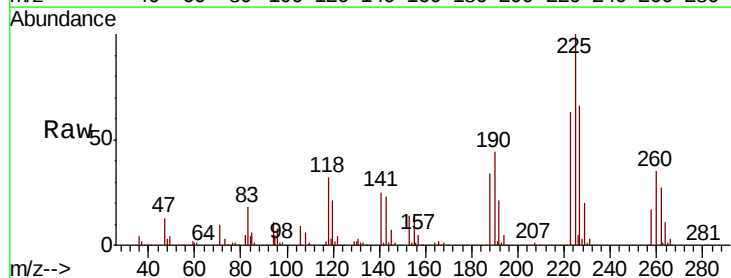
Manual Integrations
 APPROVED

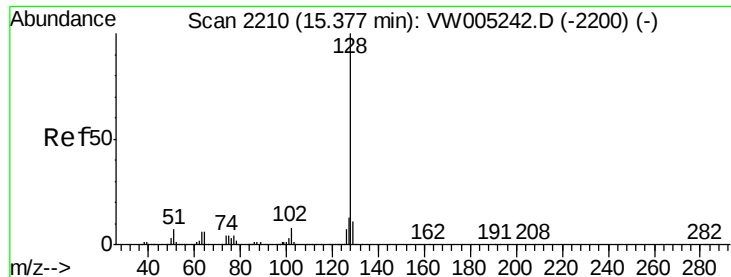
apatel
 9/12/2018 10:29:08 AM



#94
 Hexachlorobutadiene
 Concen: 49.32 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: VW005265.D
 Acq: 11 Sep 2018 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.9	31.4	94.2	
227	64.7	32.0	96.0	





#95

Naphthalene

Concen: 46.81 ug/l

RT: 15.38 min Scan# 2211

Delta R.T. 0.01 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Instrument :

MSVOA_W

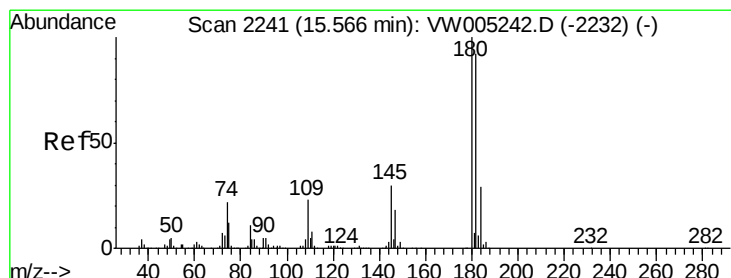
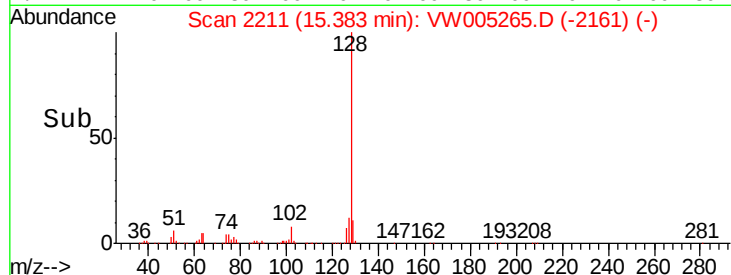
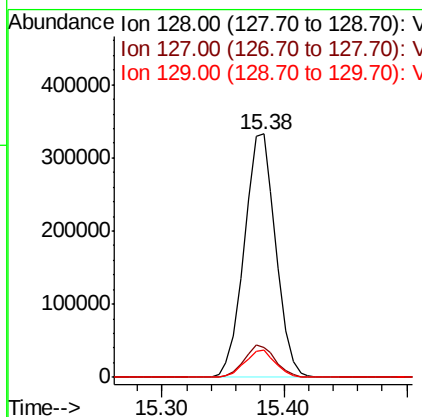
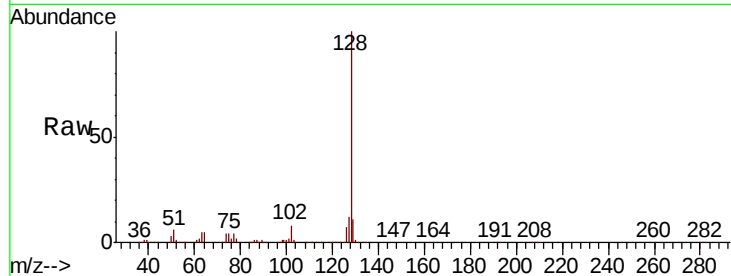
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	592275
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.3	15.5
129	10.9	8.8	13.2

Manual Integrations
APPROVED

apatel
9/12/2018 10:29:08 AM



#96

1,2,3-Trichlorobenzene

Concen: 47.15 ug/l

RT: 15.57 min Scan# 2242

Delta R.T. 0.01 min

Lab File: VW005265.D

Acq: 11 Sep 2018 10:23

Tgt Ion:	180	Resp:	316568
Ion Ratio	Lower	Upper	
180	100		
182	95.1	47.2	141.6
145	30.5	15.2	45.6

