

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090618\
 Data File : VW005154.D
 Acq On : 06 Sep 2018 10:47
 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
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 9/7/2018 12:29:02 PM

Quant Time: Sep 06 13:58:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	548207	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	777562	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	751193	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	399479	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	233226	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
35) Dibromofluoromethane	7.89	113	235576	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	
50) Toluene-d8	10.33	98	1170576	56.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.08%	
62) 4-Bromofluorobenzene	12.62	95	416157	57.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	218733	49.51	ug/l	99
3) Chloromethane	2.21	50	339386	52.94	ug/l	98
4) Vinyl Chloride	2.36	62	336780	54.02	ug/l	99
5) Bromomethane	2.77	94	199234	52.96	ug/l	97
6) Chloroethane	2.92	64	199132	51.32	ug/l	100
7) Trichlorofluoromethane	3.26	101	370834	52.88	ug/l	99
8) Diethyl Ether	3.69	74	127489	50.25	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	258386	53.64	ug/l	98
10) Methyl Iodide	4.28	142	287303	40.68	ug/l	99
11) Tert butyl alcohol	5.20	59	82028	324.32	ug/l #	94
12) 1,1-Dichloroethene	4.04	96	234284	52.85	ug/l	98
13) Acrolein	3.90	56	75133	254.72	ug/l	96
14) Allyl chloride	4.68	41	379408	54.75	ug/l	98
15) Acrylonitrile	5.38	53	289195	270.22	ug/l	100
16) Acetone	4.14	43	260408	285.73	ug/l	96
17) Carbon Disulfide	4.38	76	819692	53.07	ug/l	100
18) Methyl Acetate	4.68	43	132490	49.42	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	573987	53.32	ug/l	100
20) Methylene Chloride	4.92	84	331993	54.26	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	270222	50.03	ug/l	98
22) Diisopropyl ether	6.32	45	802088	55.01	ug/l	99
23) Vinyl Acetate	6.26	43	2181868	284.87	ug/l	99
24) 1,1-Dichloroethane	6.22	63	467185	51.26	ug/l	99
25) 2-Butanone	7.18	43	429693	271.83	ug/l	98
26) 2,2-Dichloropropane	7.17	77	424290	56.65	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	292652	49.53	ug/l	95
28) Bromochloromethane	7.52	49	184364	50.26	ug/l	95
29) Tetrahydrofuran	7.54	42	219026	271.17	ug/l	97
30) Chloroform	7.68	83	459768	49.42	ug/l	98
31) Cyclohexane	7.96	56	488588	54.74	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	419209	51.74	ug/l	99
36) 1,1-Dichloropropene	8.09	75	404531	54.63	ug/l	99
37) Ethyl Acetate	7.26	43	152686	55.13	ug/l	99
38) Carbon Tetrachloride	8.07	117	369610	52.49	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	530121	59.19	ug/l	100
40) Benzene	8.33	78	1199092	52.89	ug/l	99
41) Methacrylonitrile	7.49	41	93971	58.56	ug/l	97
42) 1,2-Dichloroethane	8.41	62	275099	49.58	ug/l	99
43) Isopropyl Acetate	8.43	43	284237	56.40	ug/l	99
44) Trichloroethene	9.10	130	312031	51.01	ug/l	98
45) 1,2-Dichloropropane	9.37	63	292060	52.73	ug/l	98
46) Dibromomethane	9.46	93	132990	50.22	ug/l	97
47) Bromodichloromethane	9.65	83	339612	50.93	ug/l	96
48) Methyl methacrylate	9.44	41	142142	58.58	ug/l	94
49) 1,4-Dioxane	9.47	88	50273	1173.87	ug/l #	87
51) 4-Methyl-2-Pentanone	10.21	43	997348	295.29	ug/l	100
52) Toluene	10.39	92	829155	53.98	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	362057	55.26	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	438630	55.05	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	206569	50.38	ug/l	97
56) Ethyl methacrylate	10.65	69	275170	58.82	ug/l	98
57) 1,3-Dichloropropane	10.94	76	356594	52.83	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	665508	300.24	ug/l	98
59) 2-Hexanone	10.98	43	727266	318.36	ug/l	99
60) Dibromochloromethane	11.13	129	234798	50.65	ug/l	99
61) 1,2-Dibromoethane	11.24	107	188296	50.87	ug/l	100
64) Tetrachloroethene	10.87	164	296646	50.33	ug/l	97
65) Chlorobenzene	11.66	112	893967	52.86	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	267327	51.73	ug/l	100
67) Ethyl Benzene	11.74	91	1612012	56.39	ug/l	100
68) m/p-Xylenes	11.85	106	1285166	112.27	ug/l	99
69) o-Xylene	12.17	106	594388	56.16	ug/l	100
70) Styrene	12.19	104	985127	56.35	ug/l	100
71) Bromoform	12.35	173	140833	51.42	ug/l #	99
73) Isopropylbenzene	12.47	105	1633189	57.98	ug/l	100
74) N-amyl acetate	12.28	43	304729	62.83	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	235242	54.86	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	162842m	54.31	ug/l	
77) Bromobenzene	12.76	156	368953	53.16	ug/l	96
78) n-propylbenzene	12.81	91	1998558	58.77	ug/l	100
79) 2-Chlorotoluene	12.90	91	1112786	56.09	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1391112	57.11	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	75652	60.72	ug/l	99
82) 4-Chlorotoluene	12.99	91	1152293	55.01	ug/l	99
83) tert-Butylbenzene	13.21	119	1182896	58.15	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1398584	56.38	ug/l	99
85) sec-Butylbenzene	13.39	105	1761430	58.92	ug/l	100
86) p-Isopropyltoluene	13.51	119	1560386	58.96	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	758556	53.21	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	743675	52.59	ug/l	99
89) n-Butylbenzene	13.83	91	1488239	60.68	ug/l	99
90) Hexachloroethane	14.10	117	242855	55.25	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	666079	53.60	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	37750	56.34	ug/l	96

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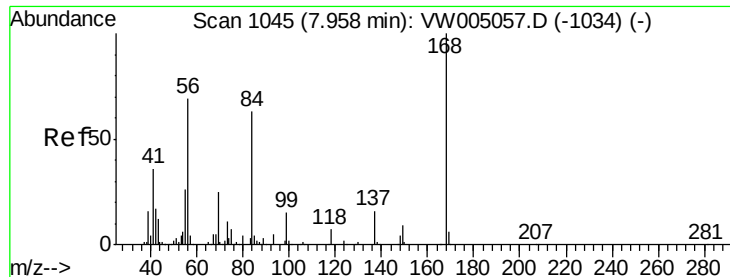
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	465826	55.91	ug/l	100
94) Hexachlorobutadiene	15.25	225	296217	57.16	ug/l	99
95) Naphthalene	15.38	128	762259	52.69	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	398391	55.87	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 548207

Ion Ratio Lower Upper

168 100

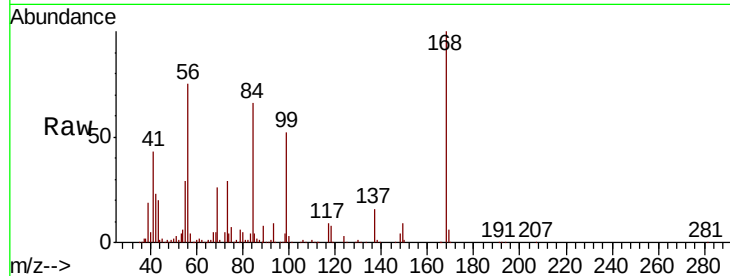
99 52.0 39.4 59.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

150000

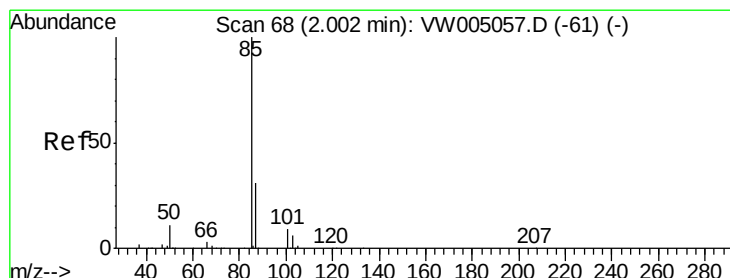
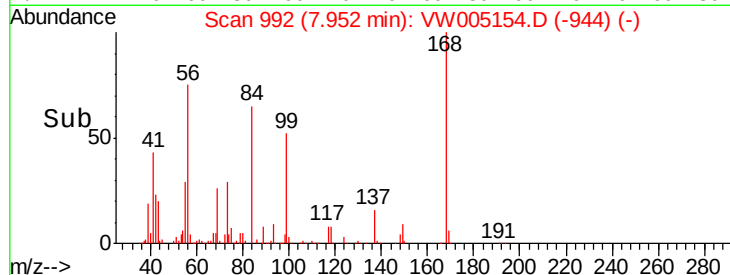
100000

50000

0

7.80 7.90 8.00 8.10 8.20

Time-->



#2

Dichlorodifluoromethane

Concen: 49.51 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW005154.D

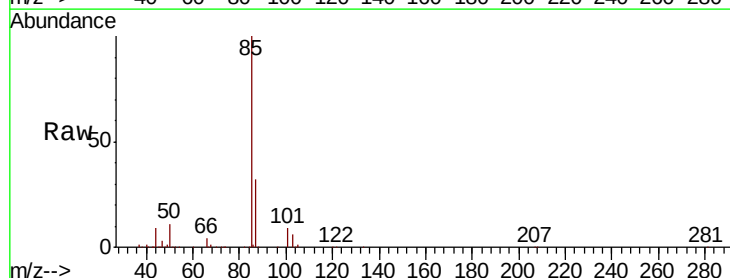
Acq: 06 Sep 2018 10:47

Tgt Ion: 85 Resp: 218733

Ion Ratio Lower Upper

85 100

87 32.3 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

150000

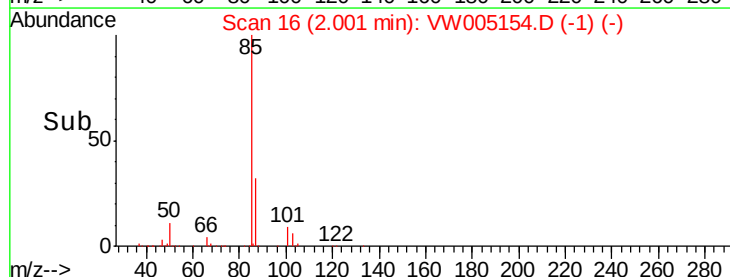
100000

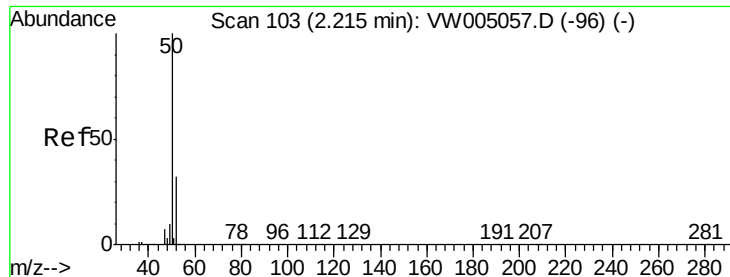
50000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 52.94 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 339386

Ion Ratio Lower Upper

50 100

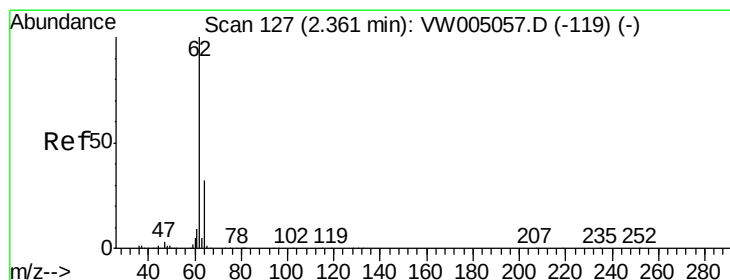
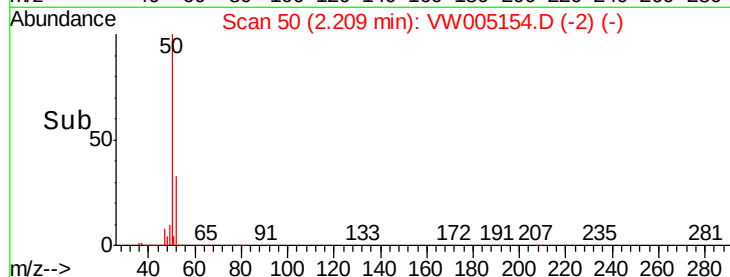
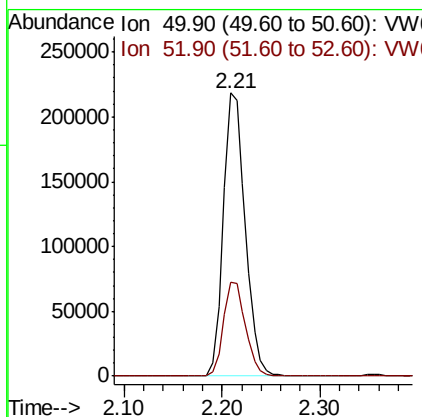
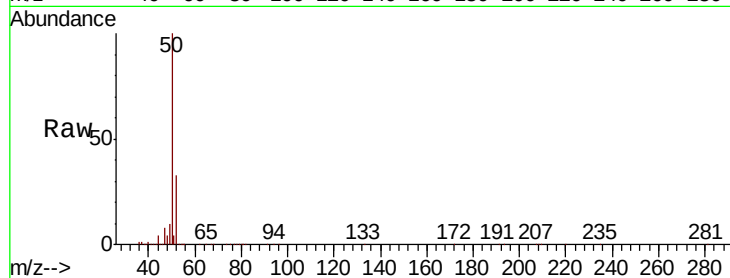
52 33.3 25.8 38.6

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#4

Vinyl Chloride

Concen: 54.02 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW005154.D

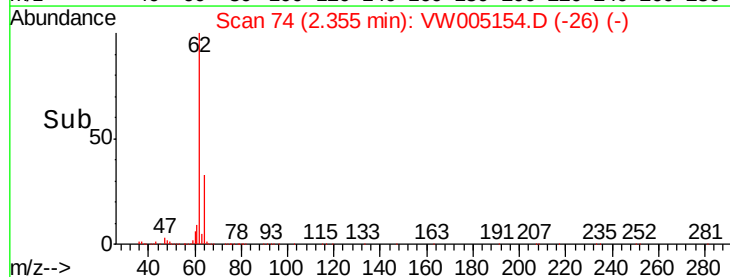
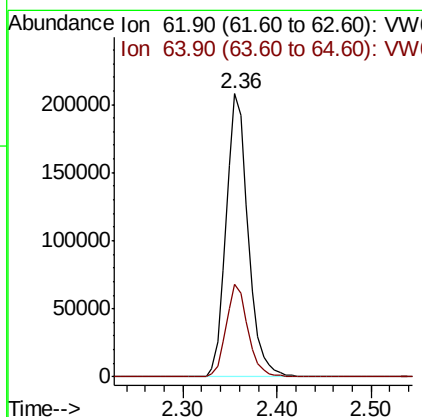
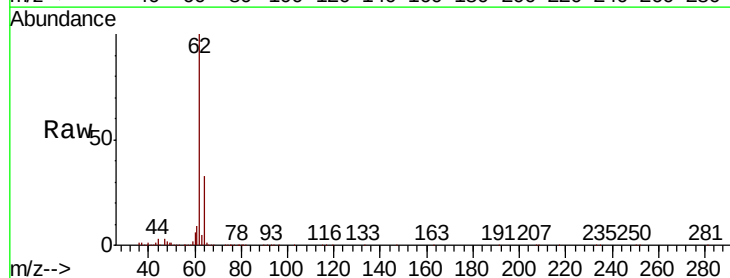
Acq: 06 Sep 2018 10:47

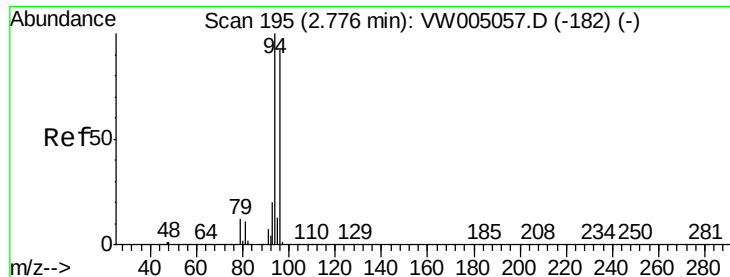
Tgt Ion: 62 Resp: 336780

Ion Ratio Lower Upper

62 100

64 32.5 25.6 38.4





#5

Bromomethane

Concen: 52.96 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 94 Resp: 199234

Ion Ratio Lower Upper

94 100

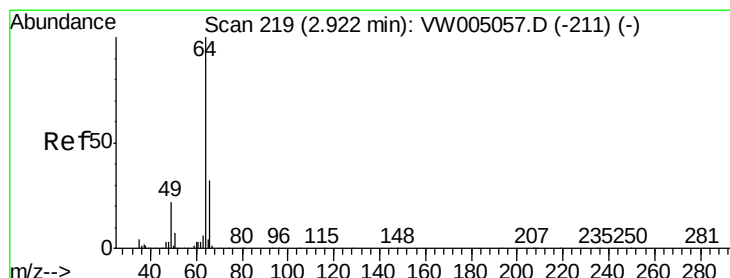
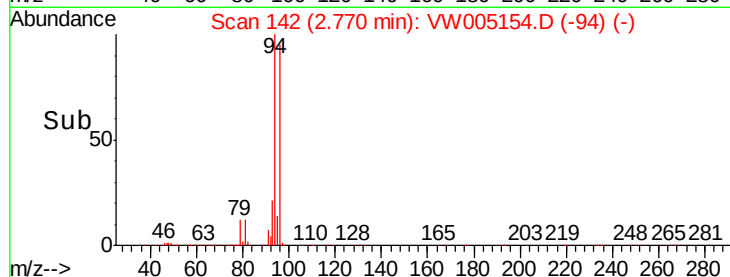
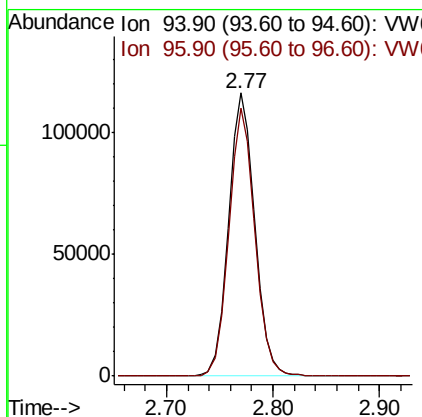
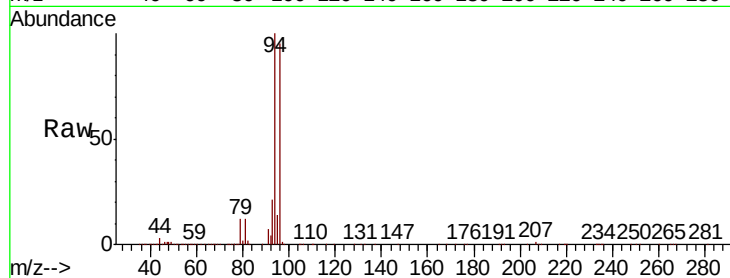
96 94.5 73.2 109.8

Manual Integrations

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#6

Chloroethane

Concen: 51.32 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW005154.D

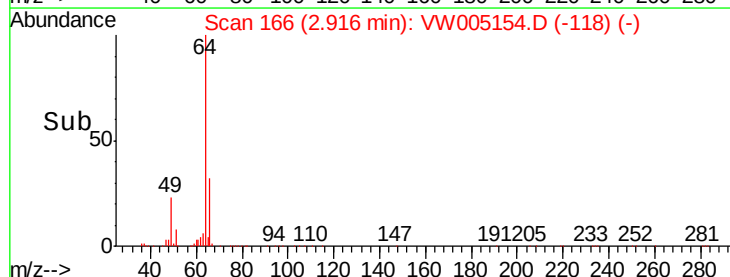
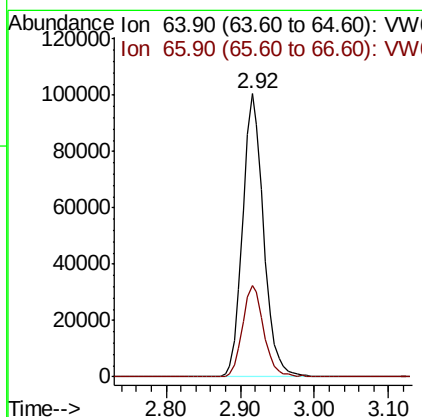
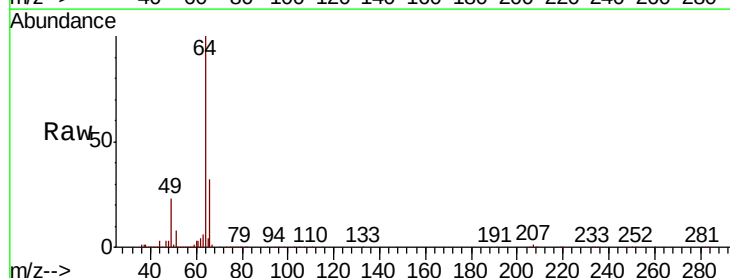
Acq: 06 Sep 2018 10:47

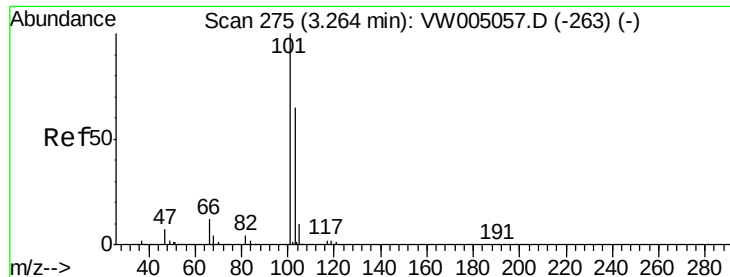
Tgt Ion: 64 Resp: 199132

Ion Ratio Lower Upper

64 100

66 32.1 25.7 38.5





#7

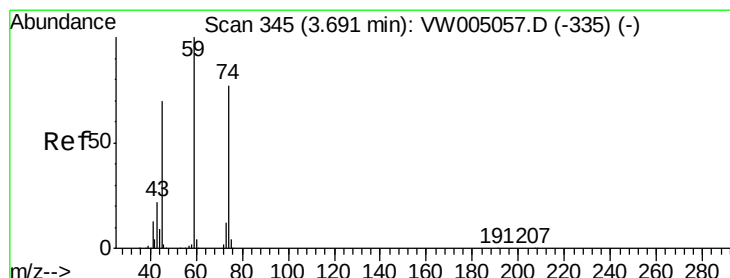
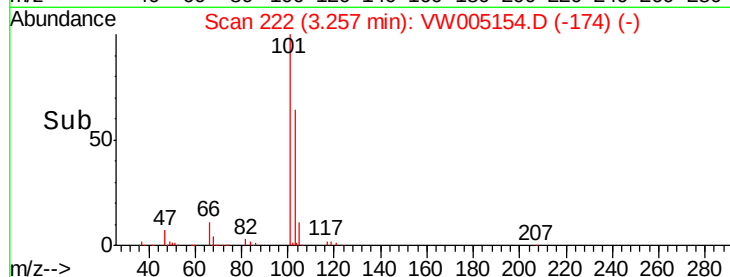
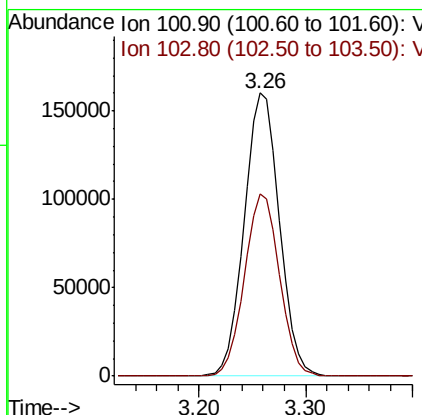
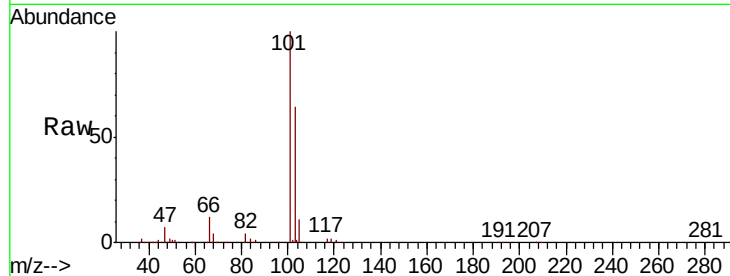
Trichlorofluoromethane
Concen: 52.88 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.9	77.9

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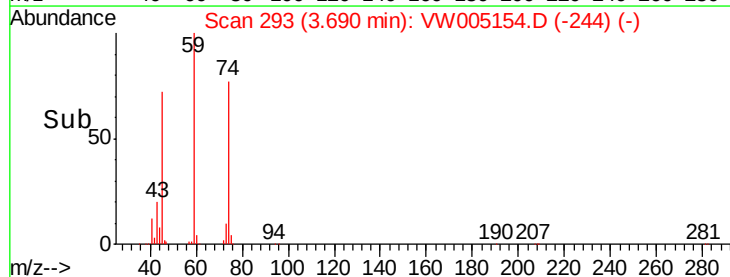
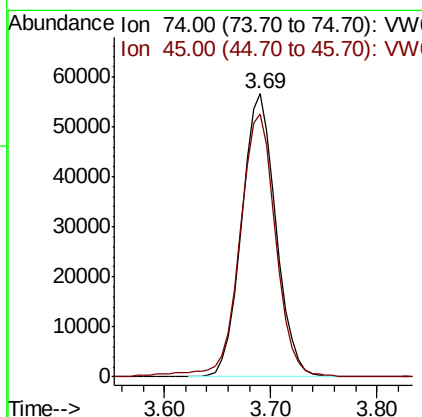
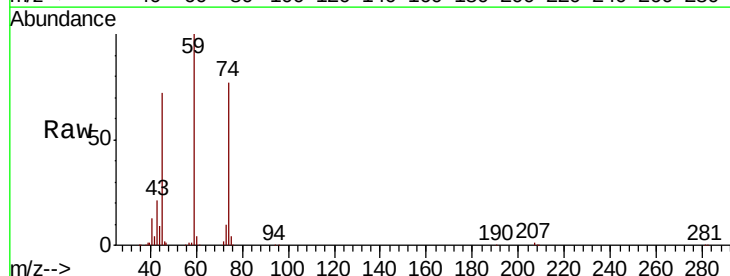
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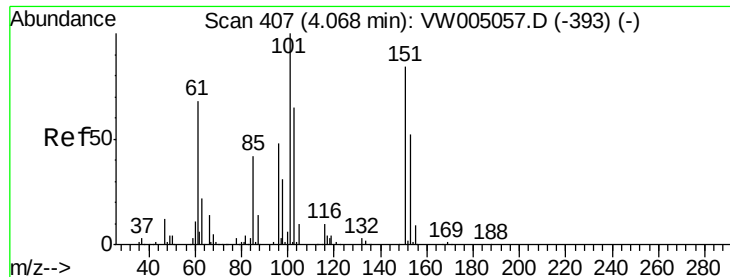


#8

Diethyl Ether
Concen: 50.25 ug/l
RT: 3.69 min Scan# 293
Delta R.T. -0.00 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.6	46.0	137.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.64 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Instrument :

MSVOA_W

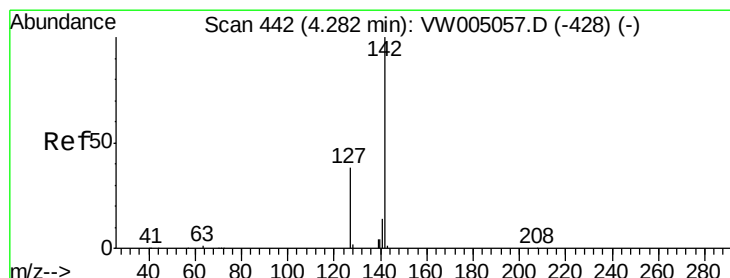
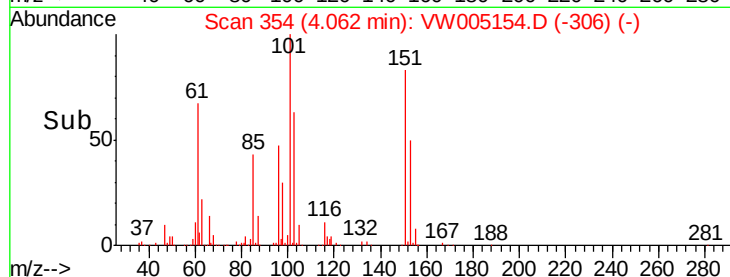
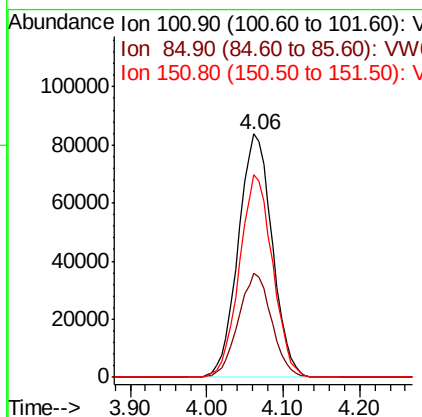
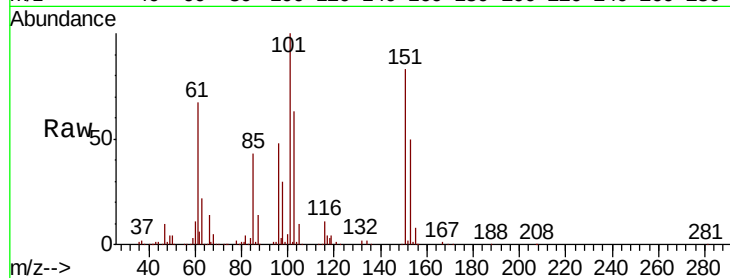
ClientSampled :

VSTDCCC050

Tot Ion:	101	Resp:	258386
Ion Ratio	Lower	Upper	
101	100		
85	41.6	33.0	49.6
151	81.4	67.0	100.6

Manual Integrations
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#10

Methyl Iodide

Concen: 40.68 ug/l

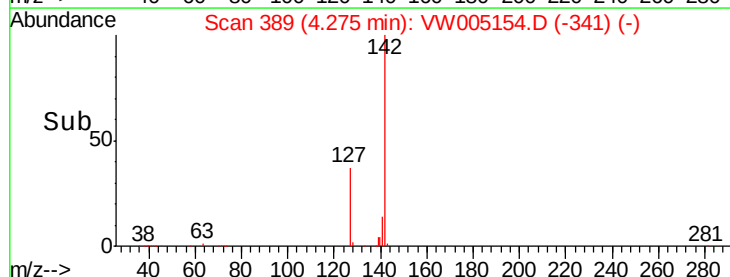
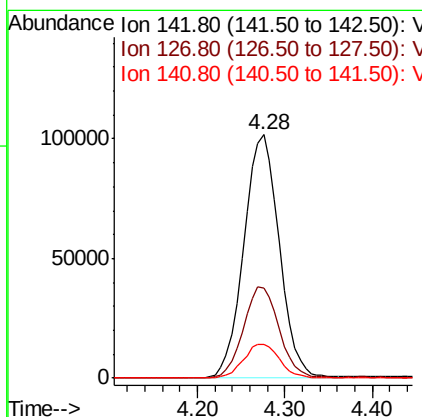
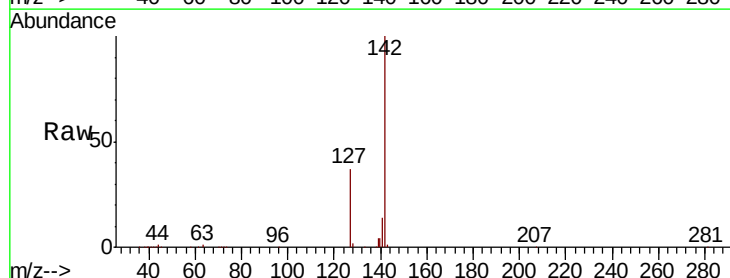
RT: 4.28 min Scan# 389

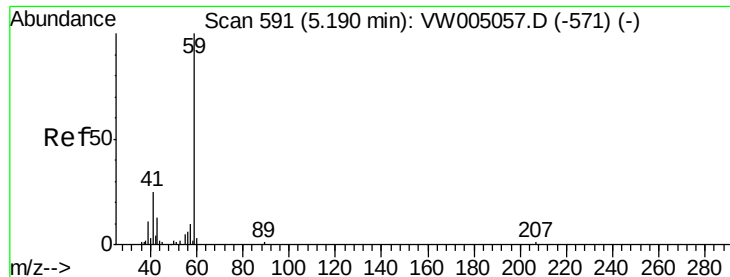
Delta R.T. -0.01 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Tgt Ion:	142	Resp:	287303
Ion Ratio	Lower	Upper	
142	100		
127	37.9	30.8	46.2
141	14.3	11.6	17.4





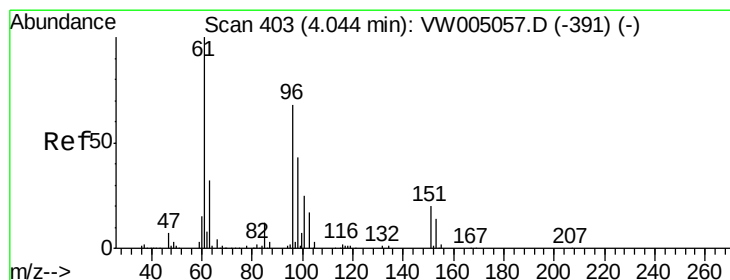
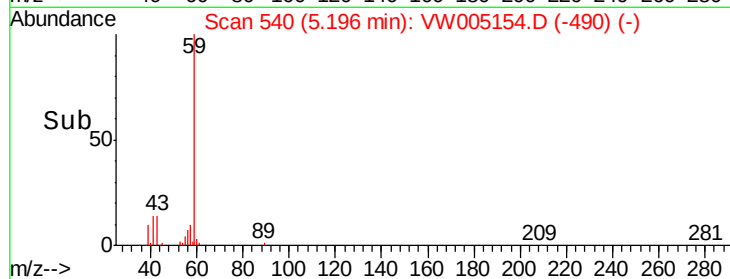
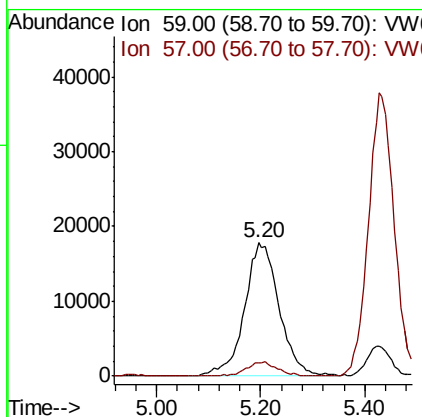
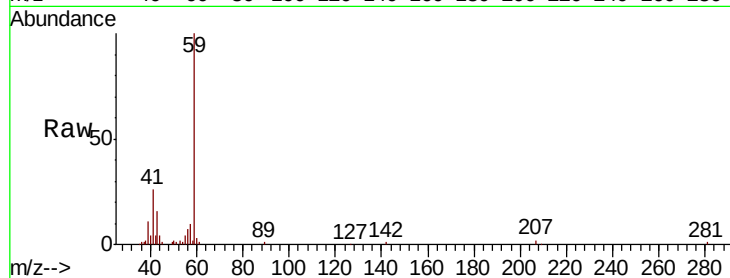
#11
Tert butyl alcohol
Concen: 324.32 ug/l
RT: 5.20 min Scan# 540
Delta R.T. 0.01 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.5	8.6	12.8#

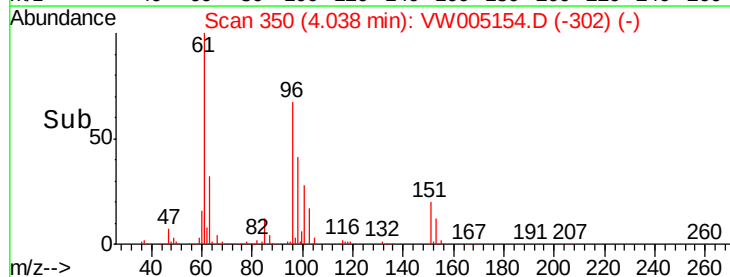
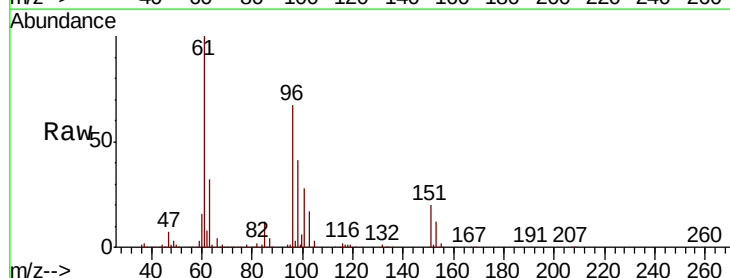
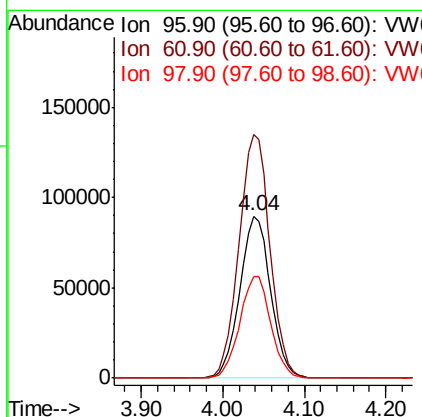
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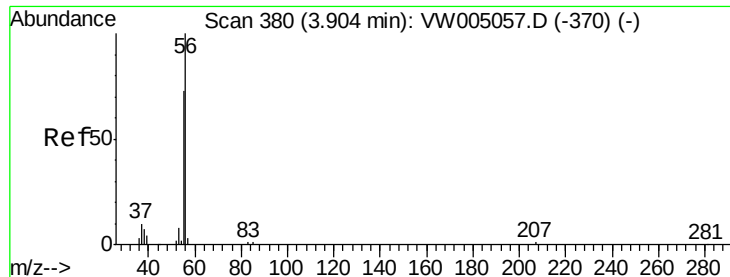
apatel
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#12
1,1-Dichloroethene
Concen: 52.85 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.0	117.4	176.0
98	62.2	51.0	76.4





#13

Acrolein

Concen: 254.72 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.00 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 75133

Ion Ratio Lower Upper

56 100

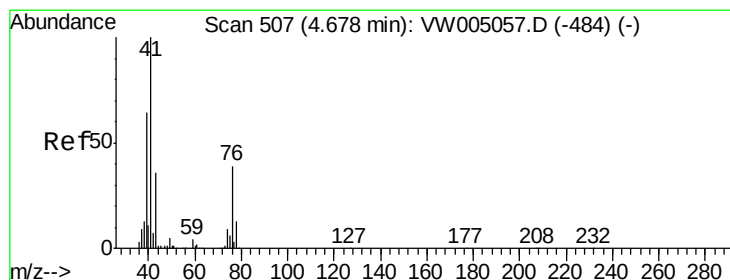
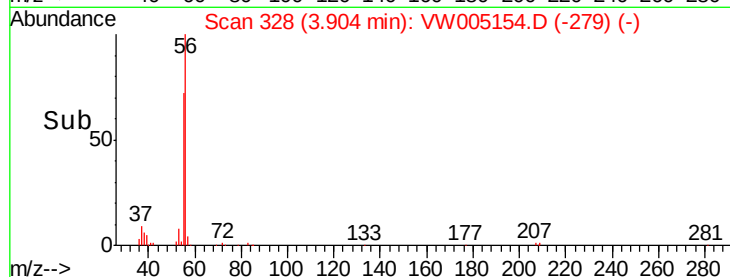
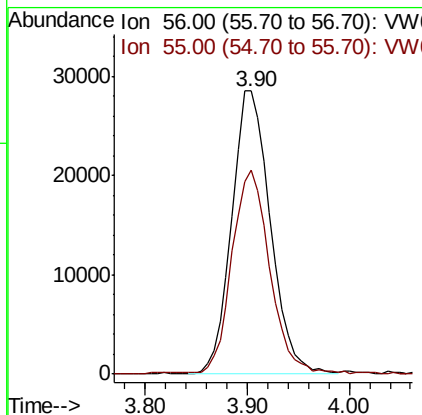
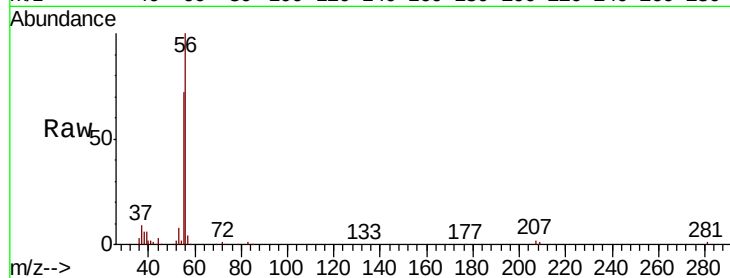
55 69.0 58.1 87.1

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#14

Allyl chloride

Concen: 54.75 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

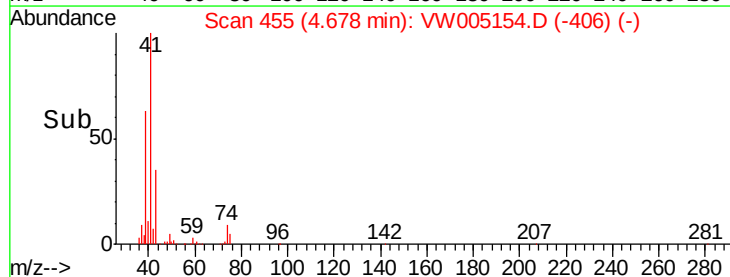
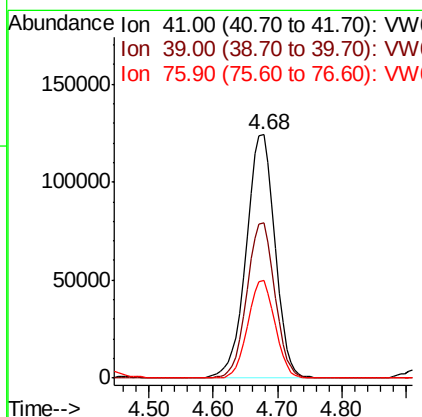
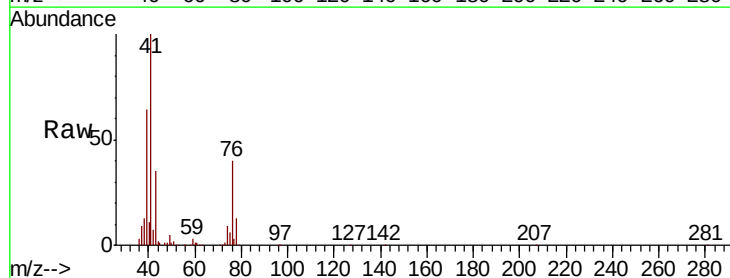
Tgt Ion: 41 Resp: 379408

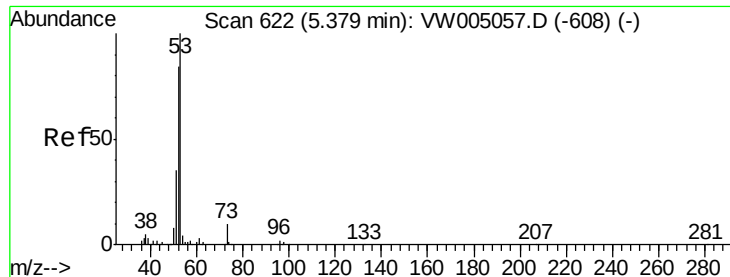
Ion Ratio Lower Upper

41 100

39 62.3 49.4 74.2

76 37.8 31.8 47.6





#15

Acrylonitrile

Concen: 270.22 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Instrument :

MSVOA_W

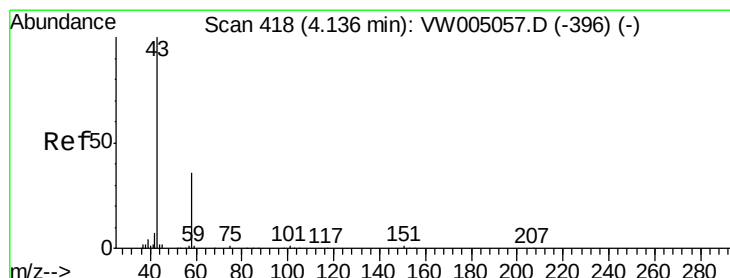
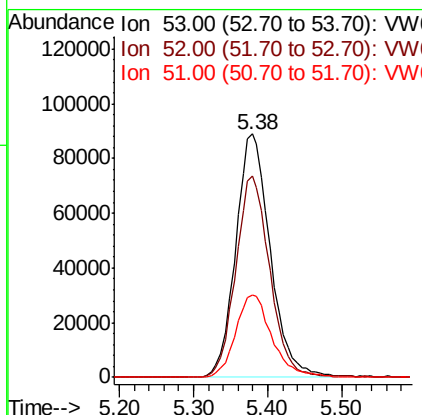
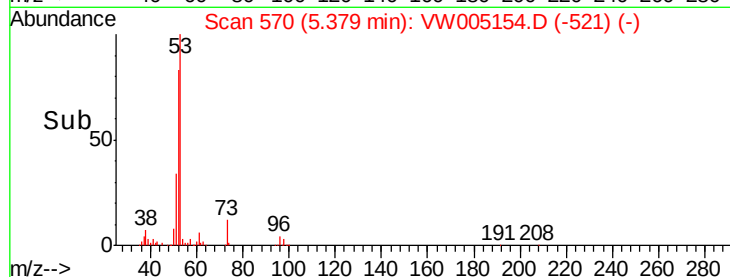
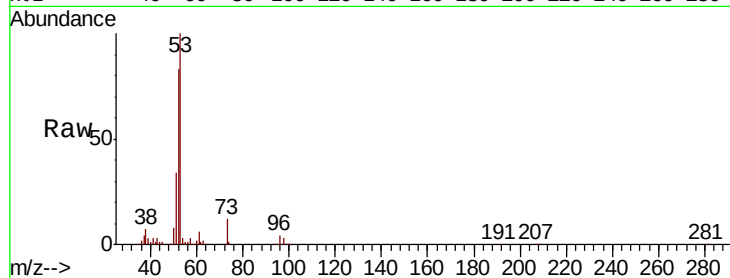
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	289195
Ion Ratio	Lower	Upper	
53	100		
52	81.8	65.7	98.5
51	35.6	28.8	43.2

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#16

Acetone

Concen: 285.73 ug/l

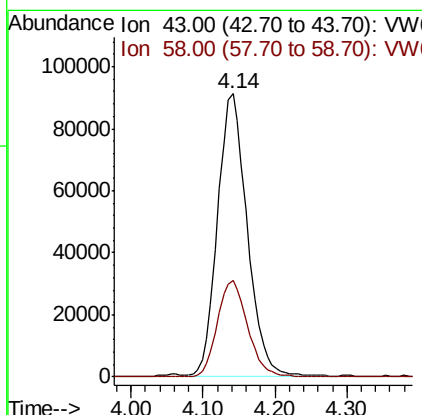
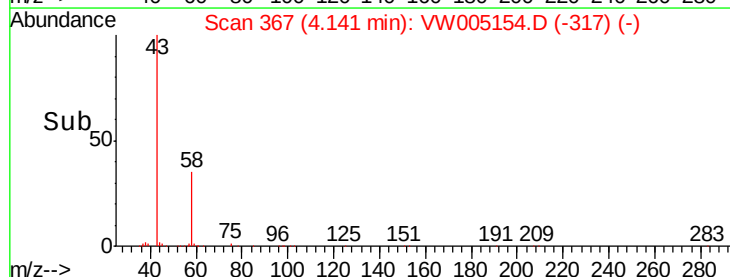
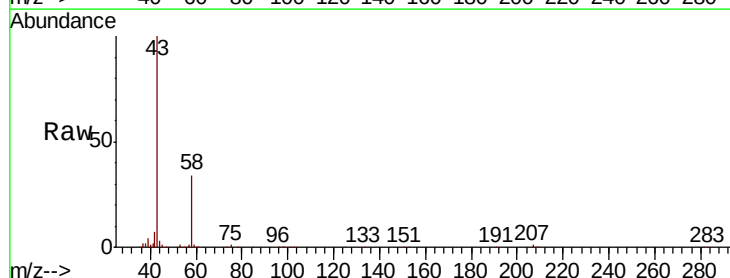
RT: 4.14 min Scan# 367

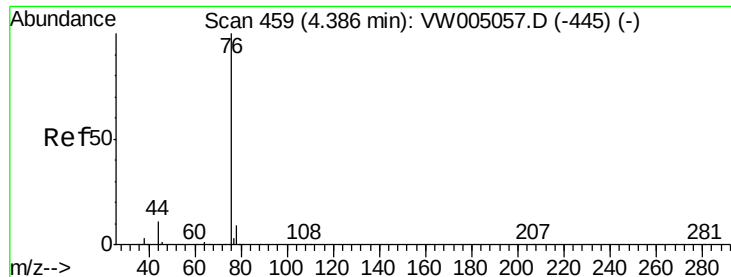
Delta R.T. 0.01 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Tgt Ion:	43	Resp:	260408
Ion Ratio	Lower	Upper	
43	100		
58	34.2	29.0	43.6





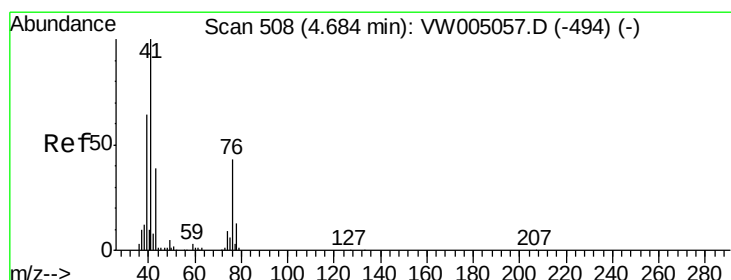
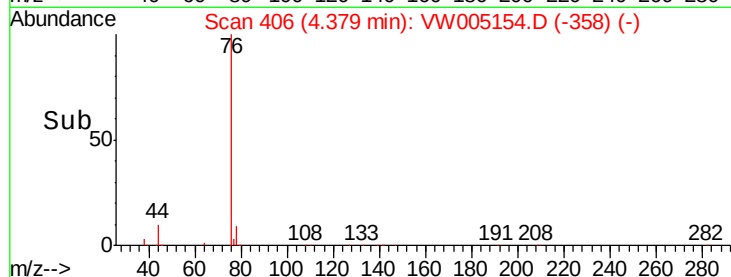
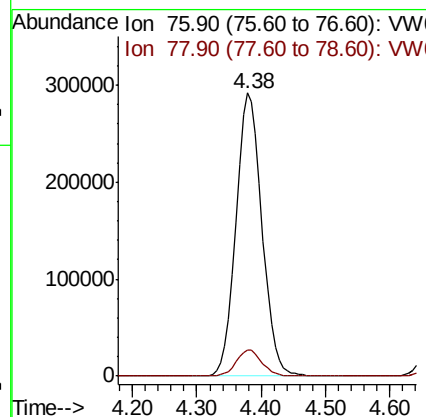
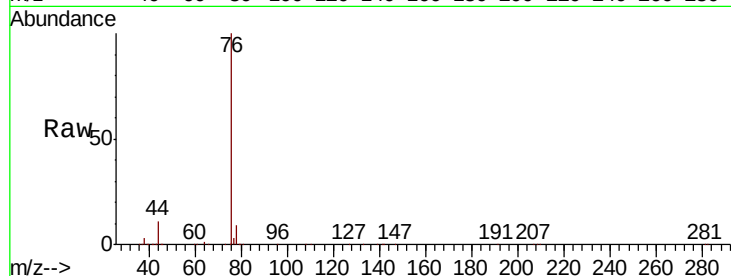
#17
Carbon Disulfide
Concen: 53.07 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.3	10.9

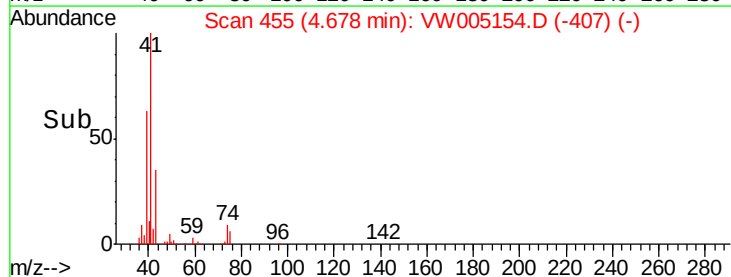
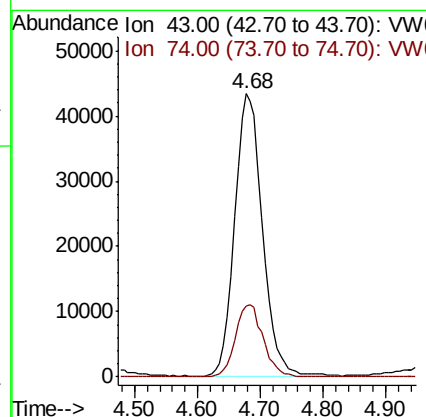
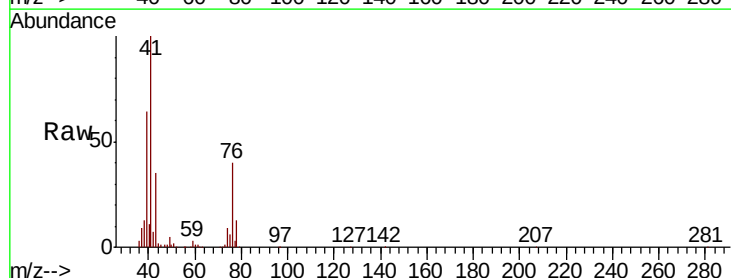
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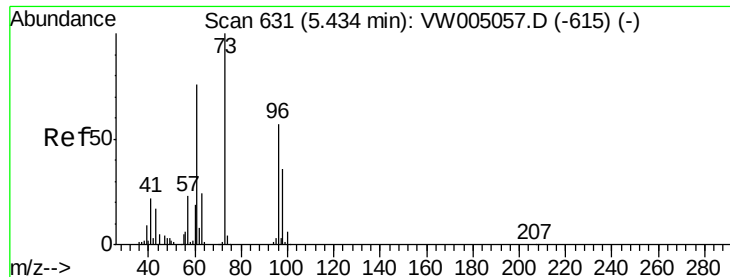
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#18
Methyl Acetate
Concen: 49.42 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.6	20.7	31.1





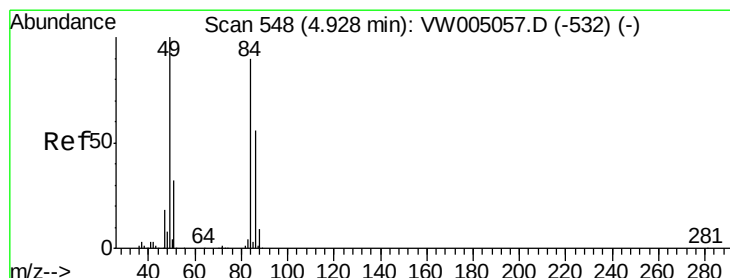
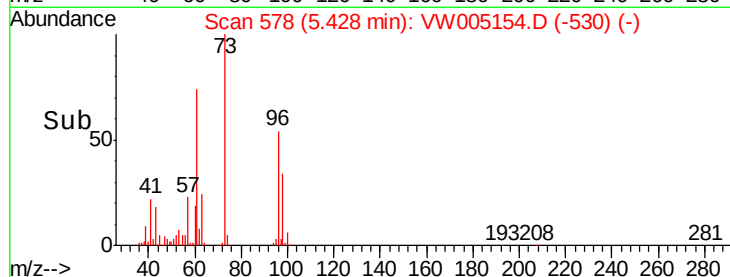
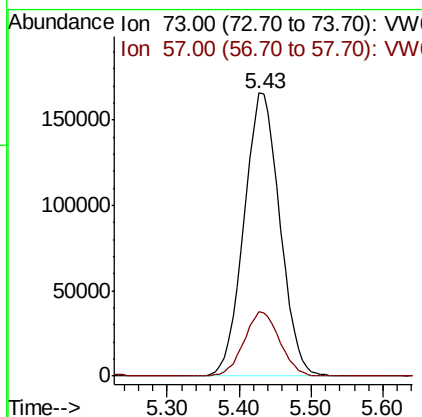
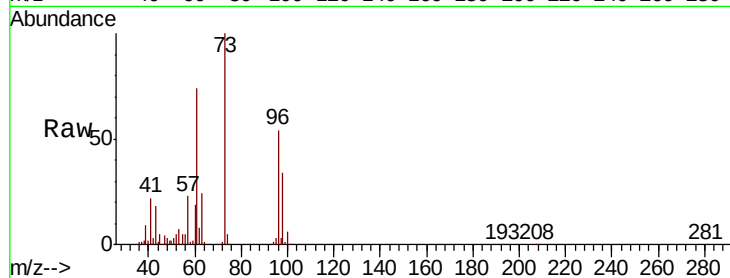
#19
Methyl tert-butyl Ether
Concen: 53.32 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 73 Resp: 573987
Ion Ratio Lower Upper
73 100
57 22.8 18.1 27.1

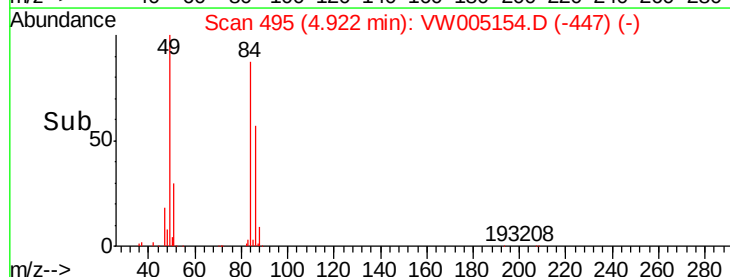
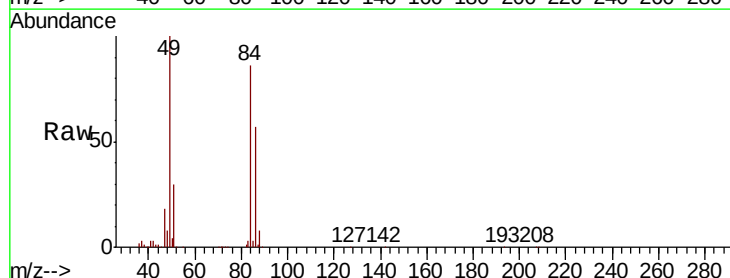
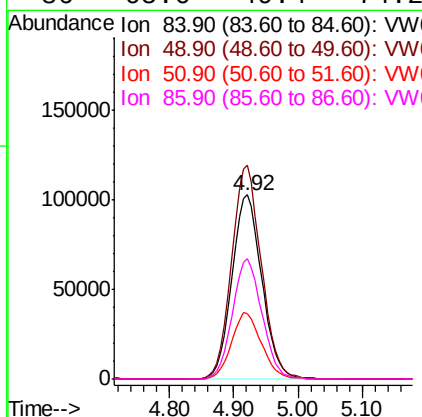
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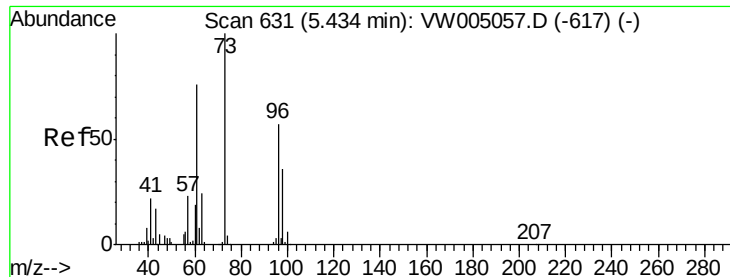
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#20
Methylene Chloride
Concen: 54.26 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.01 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

Tgt Ion: 84 Resp: 331993
Ion Ratio Lower Upper
84 100
49 115.9 88.7 133.1
51 35.2 28.6 42.8
86 65.6 49.4 74.2





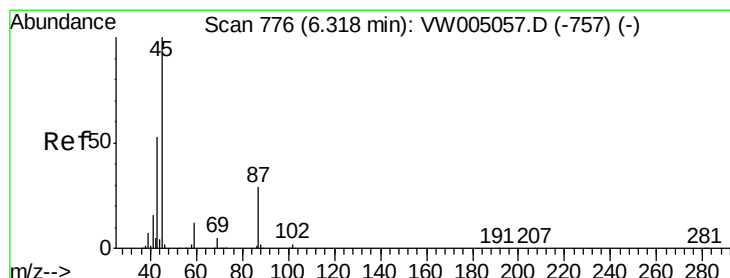
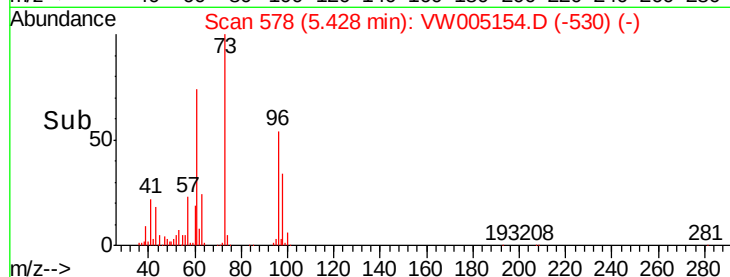
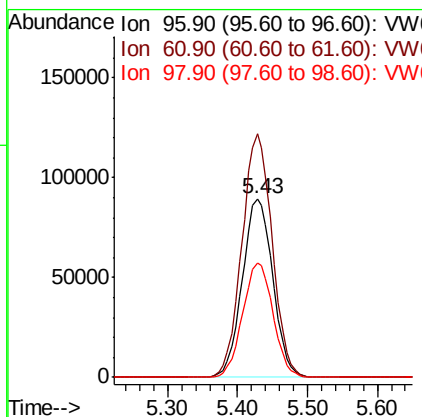
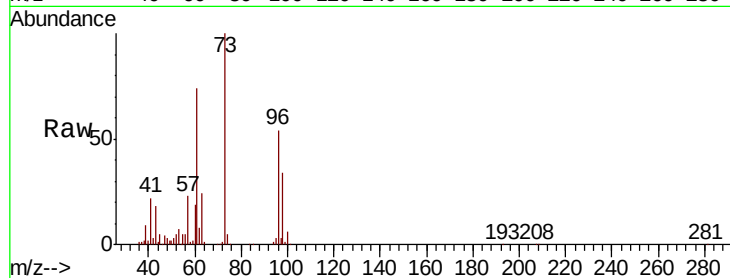
#21
trans-1,2-Dichloroethene
Concen: 50.03 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.2	106.3	159.5
98	63.7	50.9	76.3

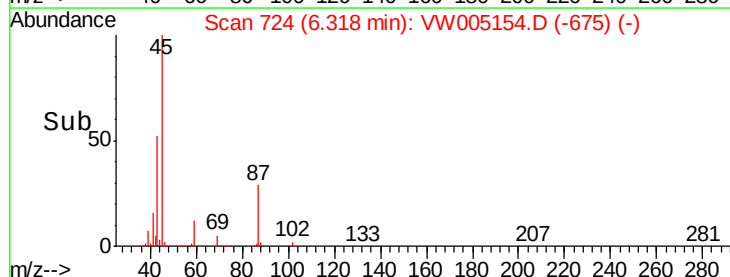
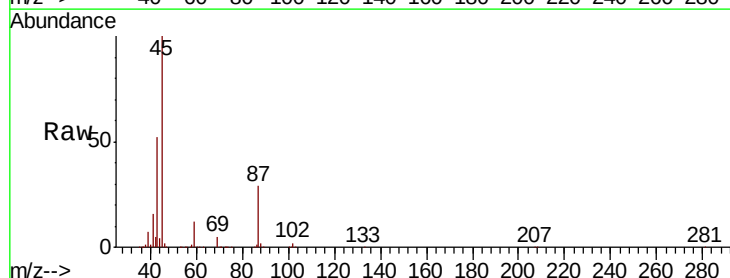
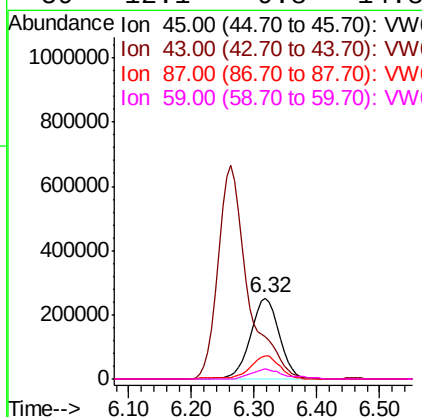
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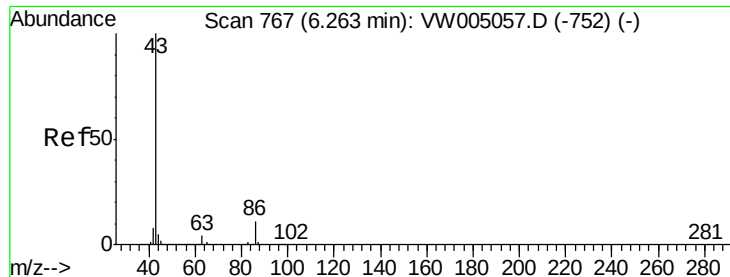
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#22
Diisopropyl ether
Concen: 55.01 ug/l
RT: 6.32 min Scan# 724
Delta R.T. -0.00 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

Tgt Ion	Ratio	Lower	Upper
45	100		
43	51.7	42.6	63.8
87	29.1	23.6	35.4
59	12.1	9.8	14.8





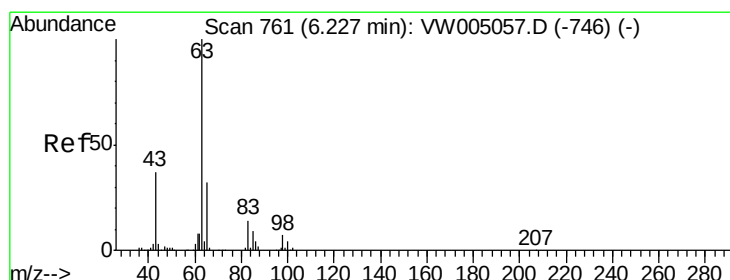
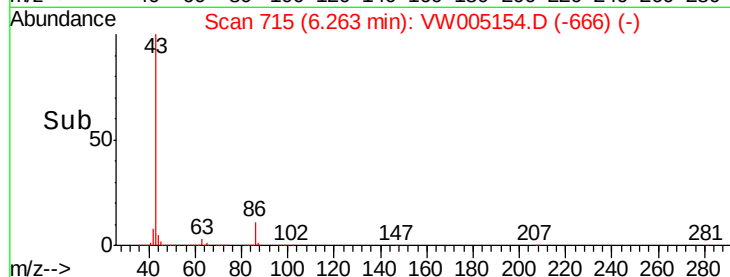
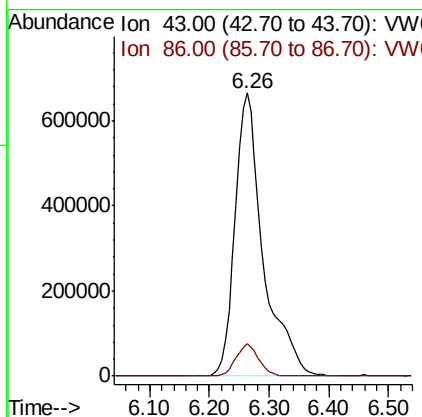
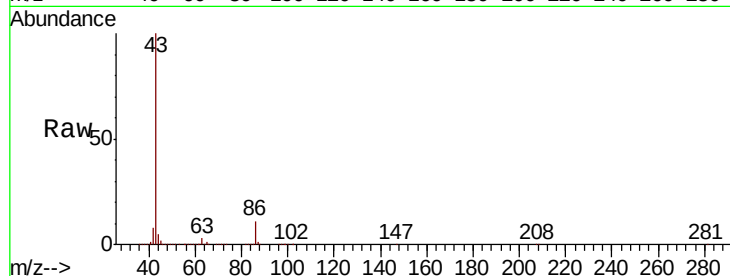
#23
 Vinyl Acetate
 Concen: 284.87 ug/l
 RT: 6.26 min Scan# 715
 Delta R.T. -0.00 min
 Lab File: VW005154.D
 Acq: 06 Sep 2018 10:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 2181868
 Ion Ratio Lower Upper
 43 100
 86 11.5 9.0 13.4

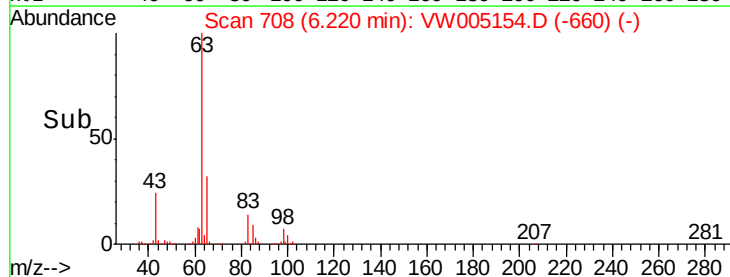
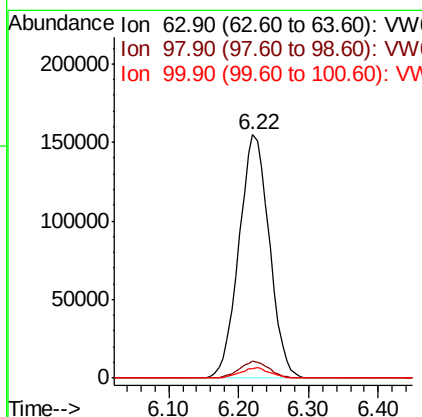
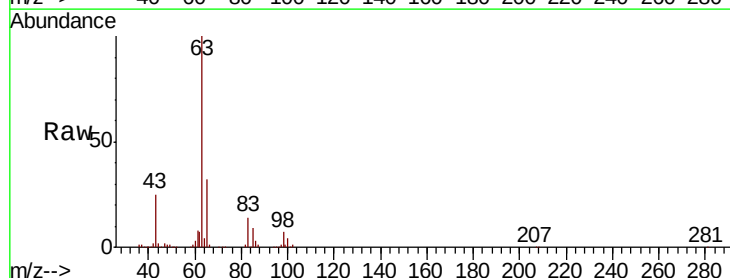
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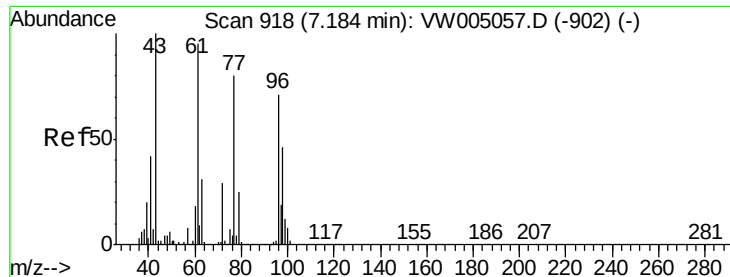
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#24
 1,1-Dichloroethane
 Concen: 51.26 ug/l
 RT: 6.22 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: VW005154.D
 Acq: 06 Sep 2018 10:47

Tgt Ion: 63 Resp: 467185
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.6 10.8
 100 4.1 2.2 6.6





#25

2-Butanone

Concen: 271.83 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Tot Ion: 43 Resp: 429693

Ion Ratio Lower Upper

43 100

72 27.6 23.1 34.7

Instrument :

MSVOA_W

ClientSampled :

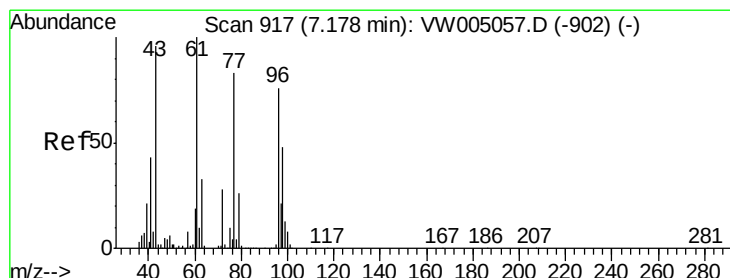
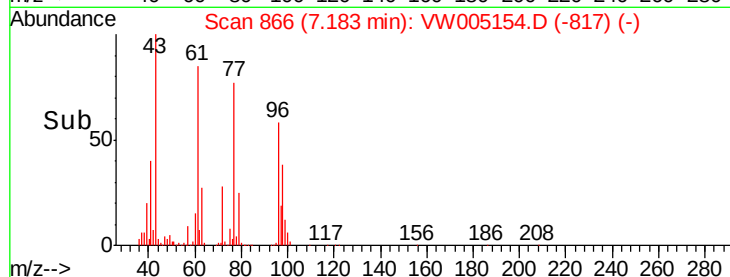
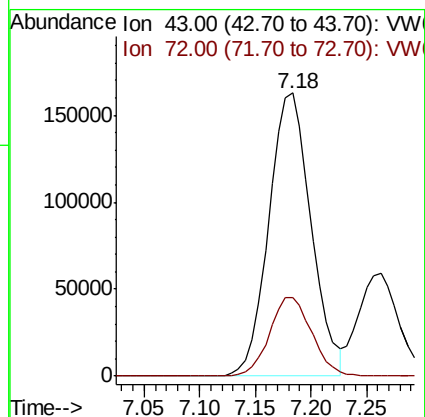
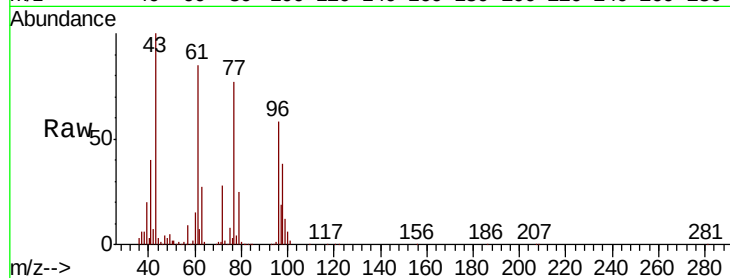
VSTDCCC050

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#26

2,2-Dichloropropane

Concen: 56.65 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW005154.D

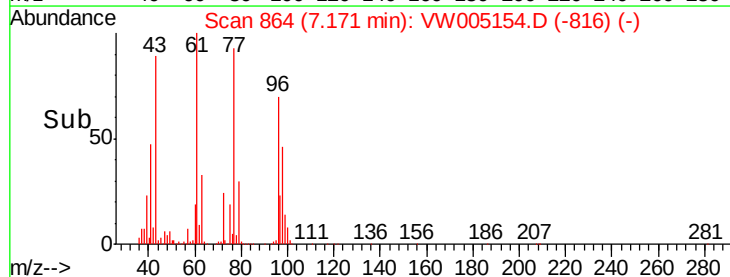
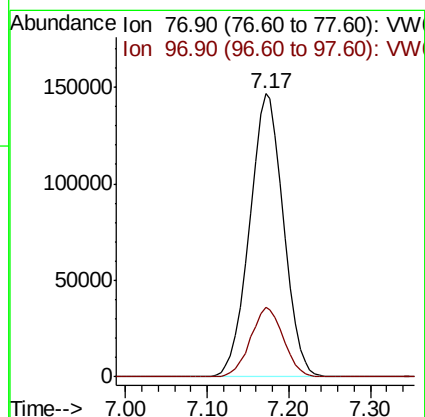
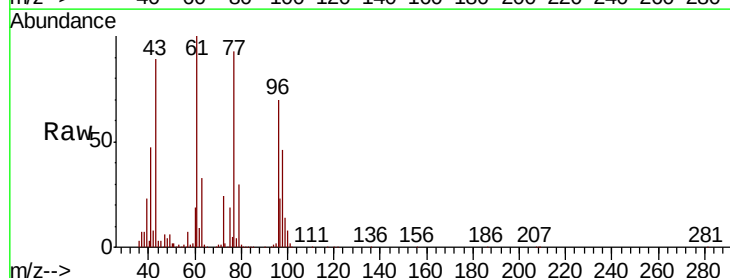
Acq: 06 Sep 2018 10:47

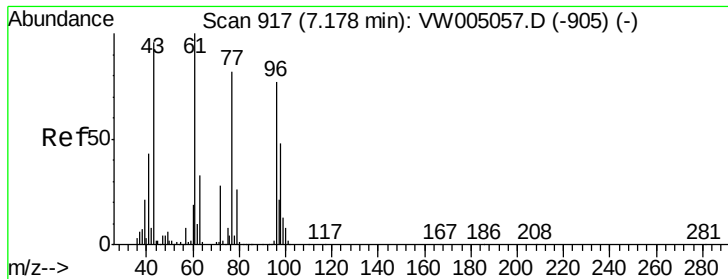
Tgt Ion: 77 Resp: 424290

Ion Ratio Lower Upper

77 100

97 23.9 12.2 36.6





#27

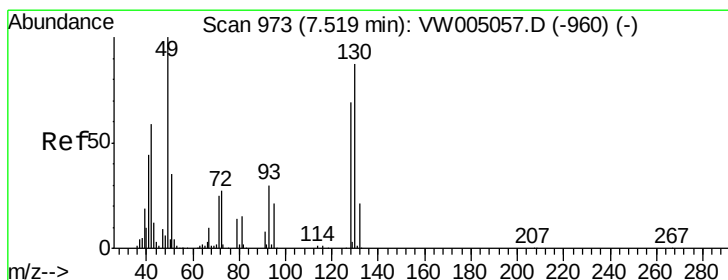
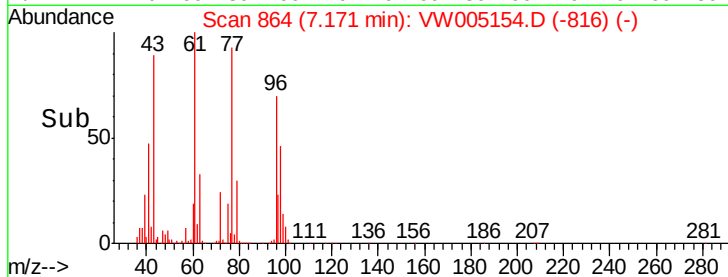
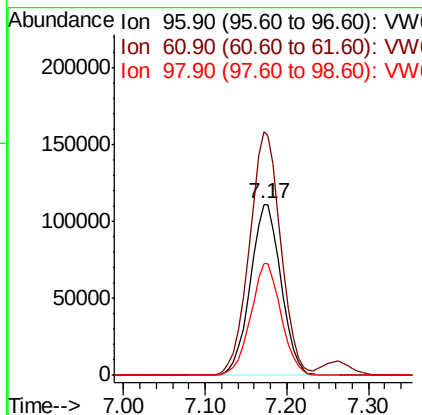
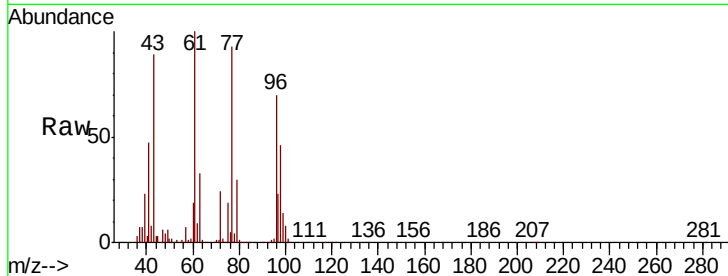
cis-1,2-Dichloroethene
Concen: 49.53 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	292652		
61	144.6	0.0	273.2	
98	64.5	0.0	127.8	

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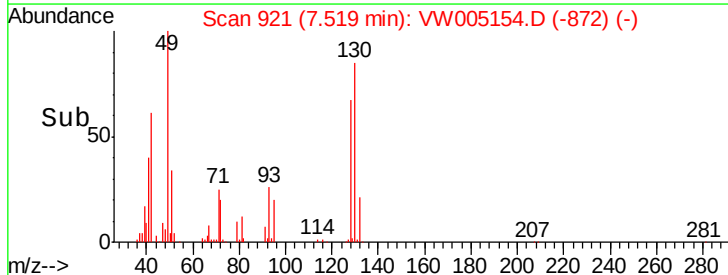
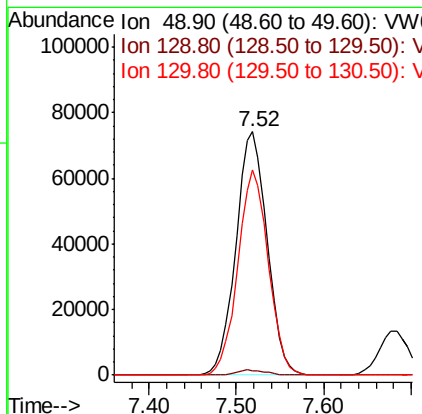
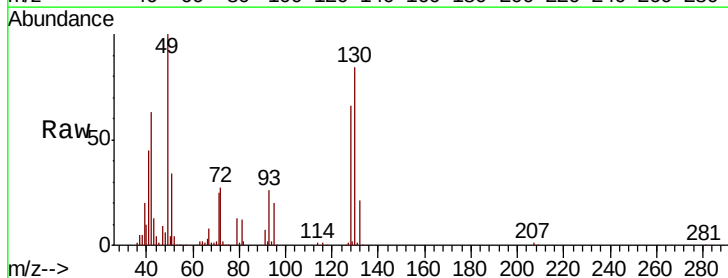
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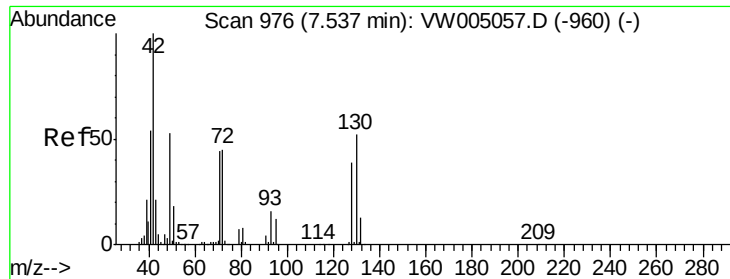


#28

Bromochloromethane
Concen: 50.26 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	184364		
129	2.0	0.0	4.4	
130	81.9	69.6	104.4	





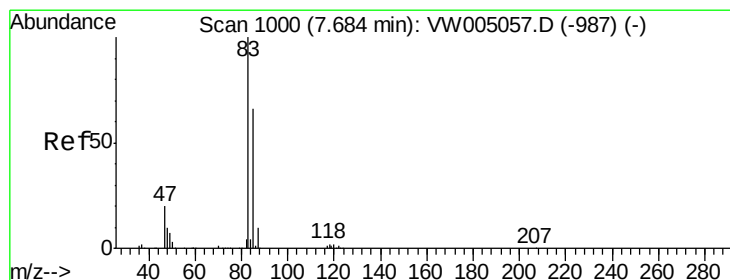
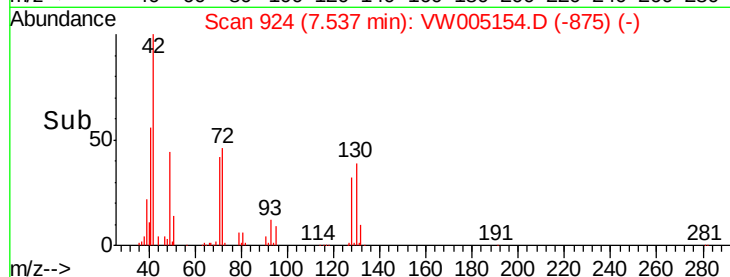
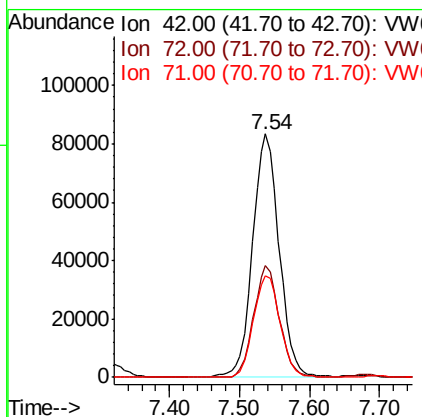
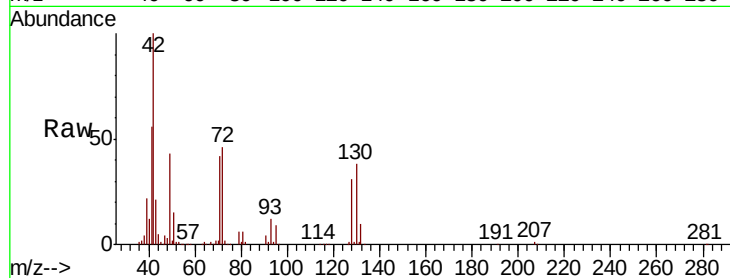
#29
Tetrahydrofuran
Concen: 271.17 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.6	37.0	55.4
71	42.1	35.0	52.6

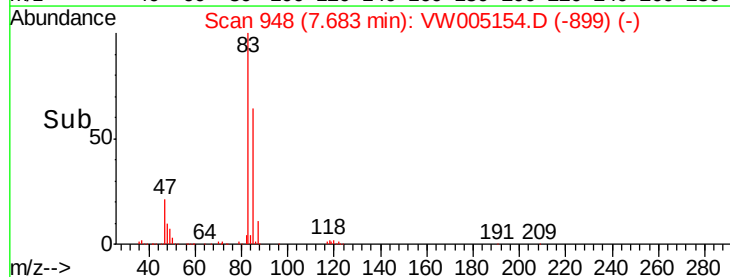
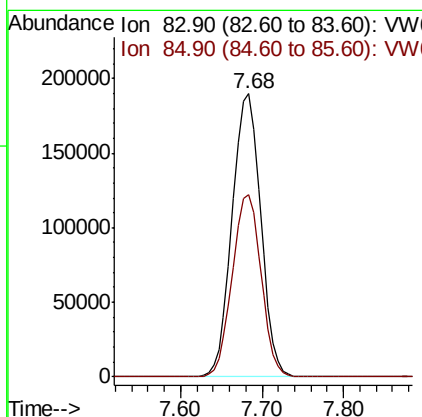
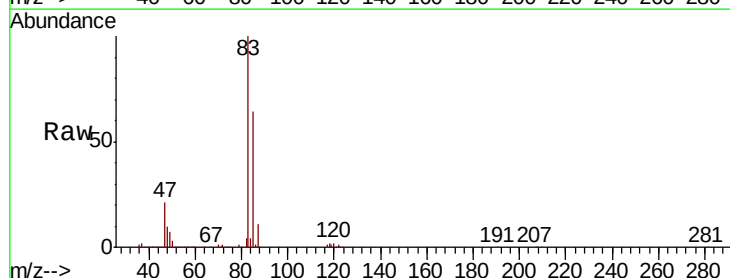
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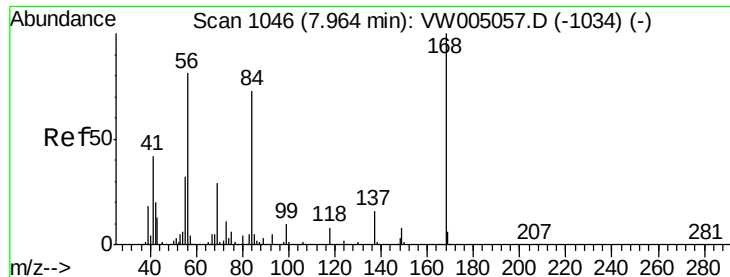
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#30
Chloroform
Concen: 49.42 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	53.1	79.7





#31

Cyclohexane

Concen: 54.74 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.01 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Instrument :

MSVOA_W

ClientSampleId :

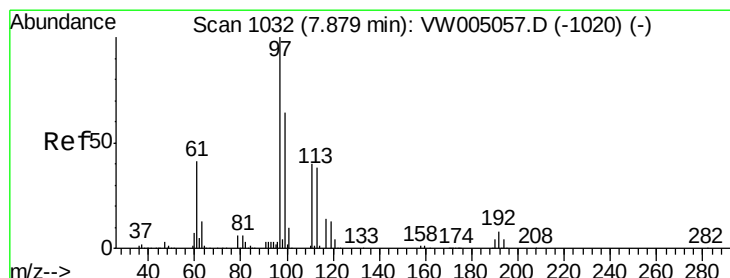
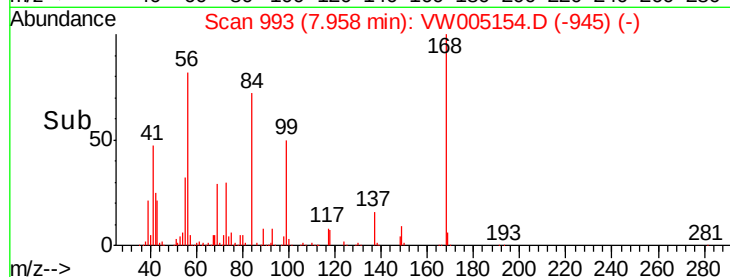
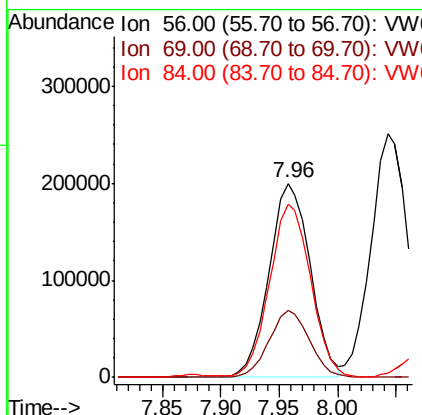
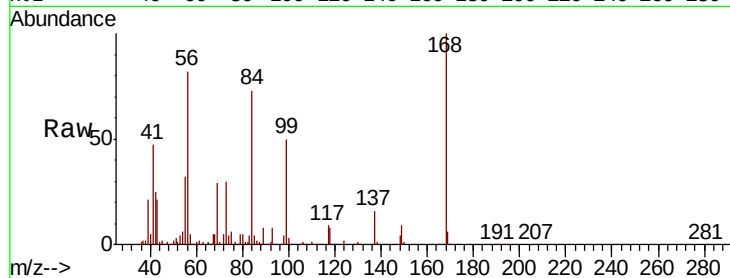
VSTDCCC050

Tot Ion:	56	Resp:	488588
Ion	Ratio	Lower	Upper
56	100		
69	34.7	28.2	42.2
84	88.1	71.8	107.8

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#32

1,1,1-Trichloroethane

Concen: 51.74 ug/l

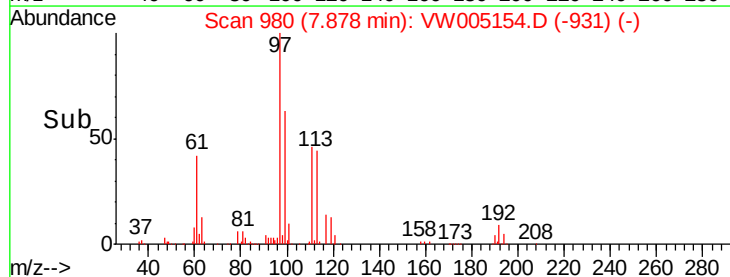
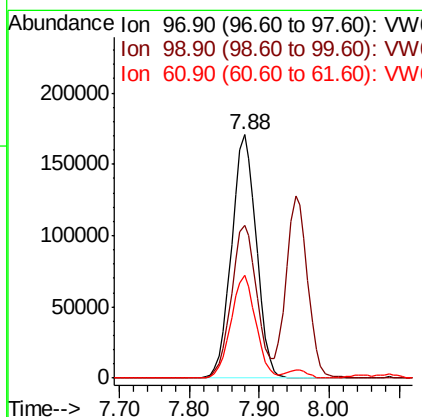
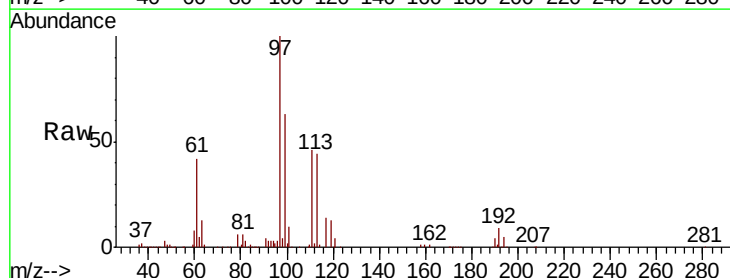
RT: 7.88 min Scan# 980

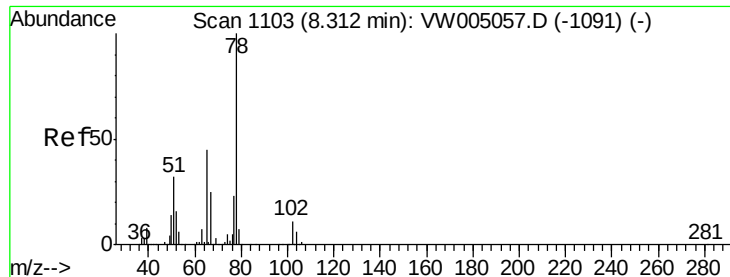
Delta R.T. -0.00 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Tgt Ion:	97	Resp:	419209
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.8	77.8
61	42.2	33.2	49.8





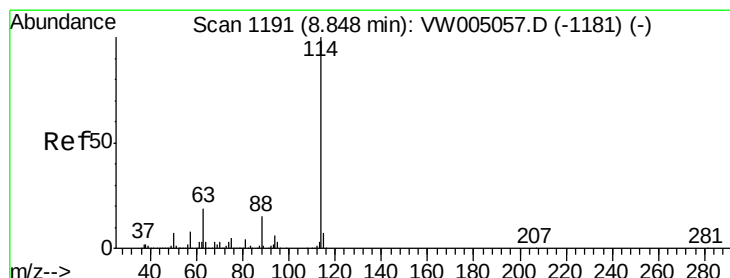
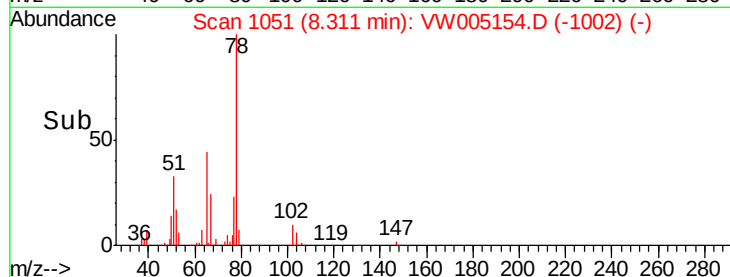
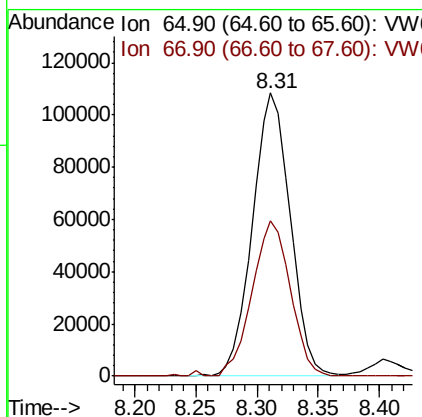
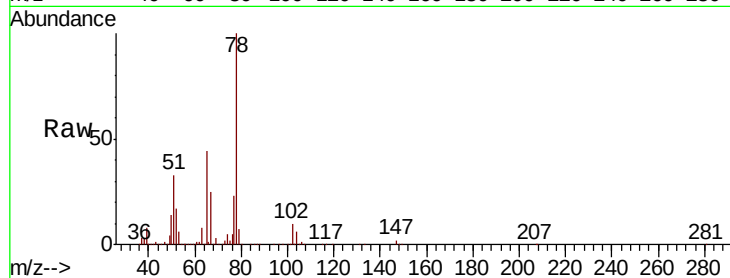
#33
 1,2-Dichloroethane-d4
 Concen: 51.32 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005154.D
 Acq: 06 Sep 2018 10:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.7	0.0	109.4	

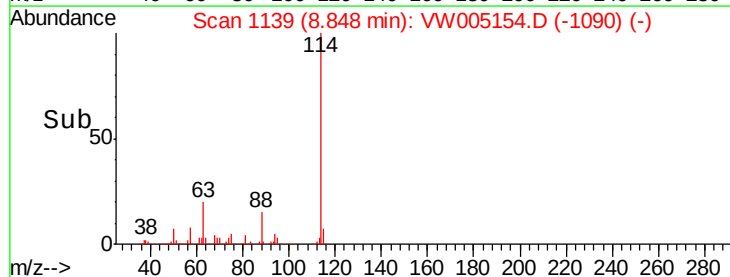
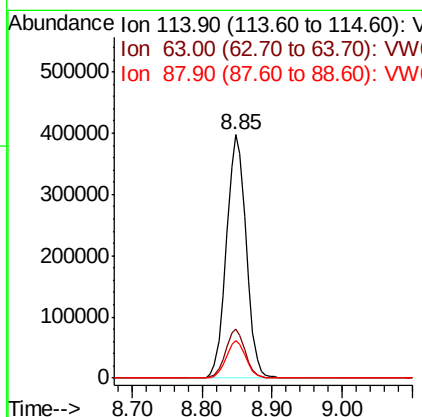
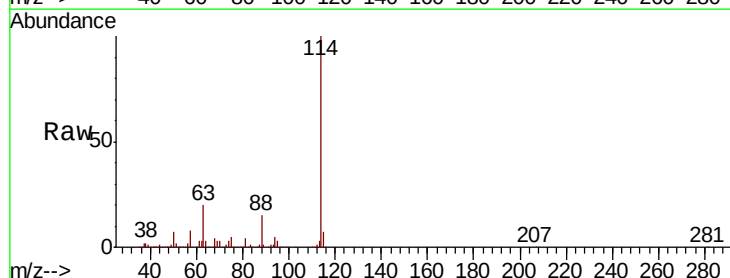
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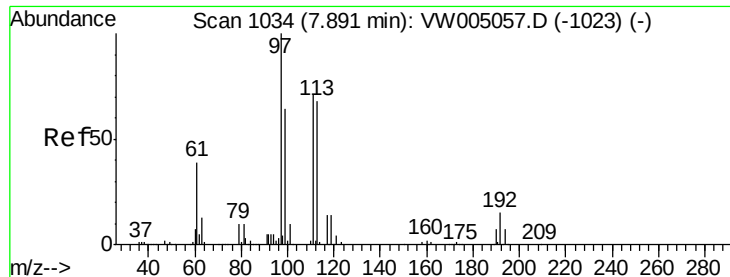
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005154.D
 Acq: 06 Sep 2018 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.0	0.0	38.0	
88	15.5	0.0	30.2	





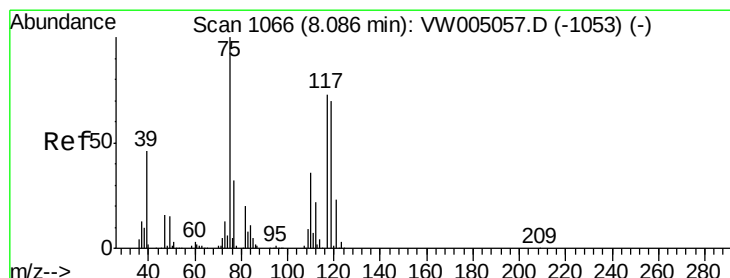
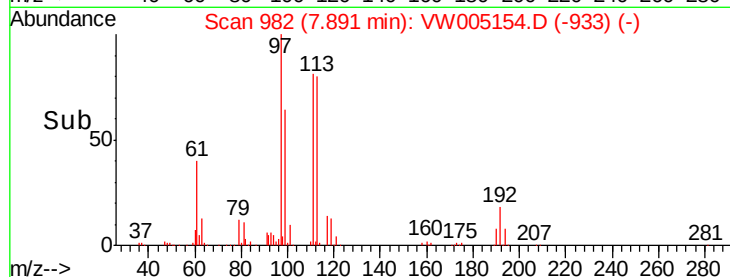
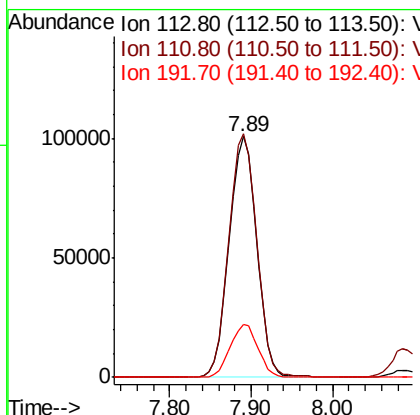
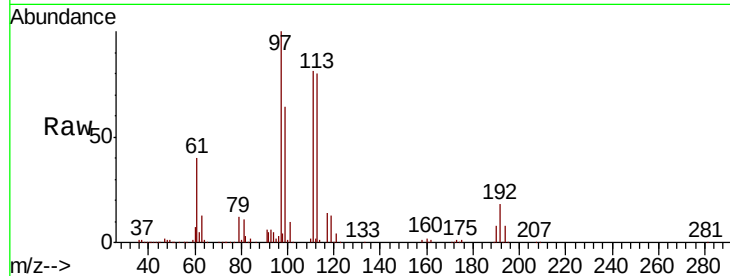
#35
 Dibromofluoromethane
 Concen: 52.43 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005154.D
 Acq: 06 Sep 2018 10:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	235576		
111	102.2		82.2	123.2
192	21.9		18.1	27.1

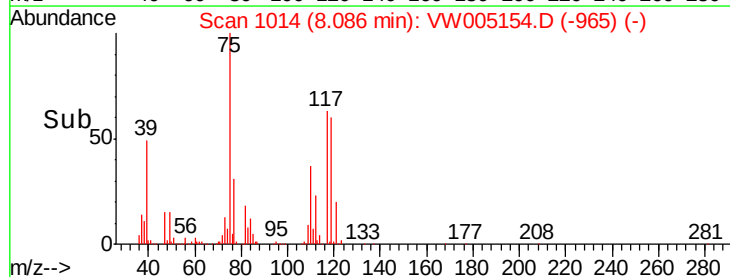
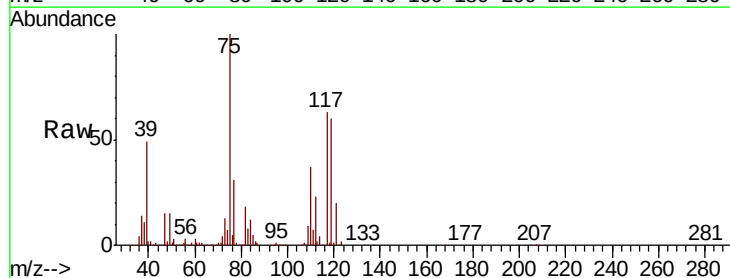
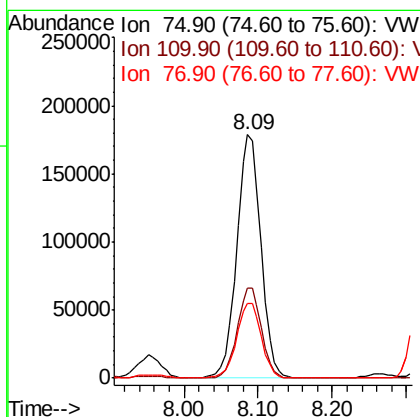
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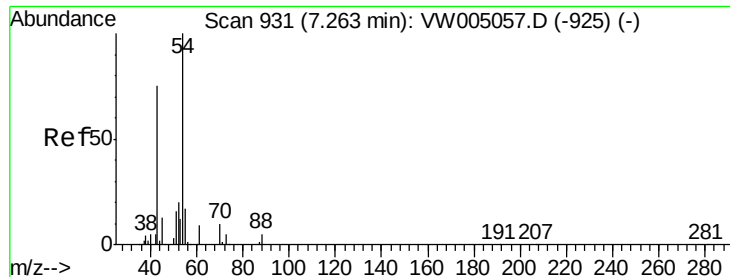
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#36
 1,1-Dichloropropene
 Concen: 54.63 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW005154.D
 Acq: 06 Sep 2018 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	404531		
110	36.9		18.9	56.7
77	31.7		25.5	38.3





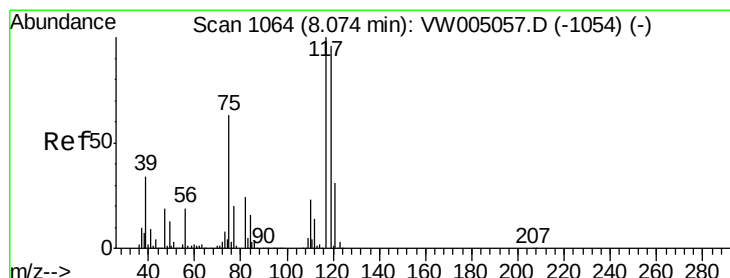
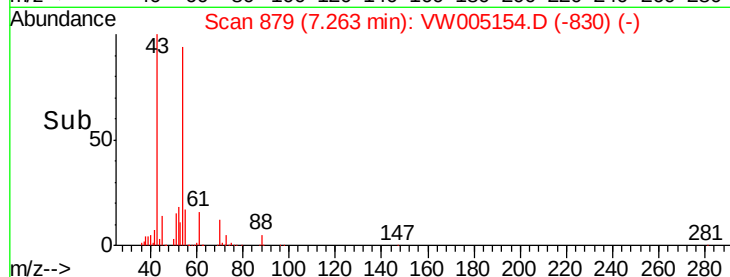
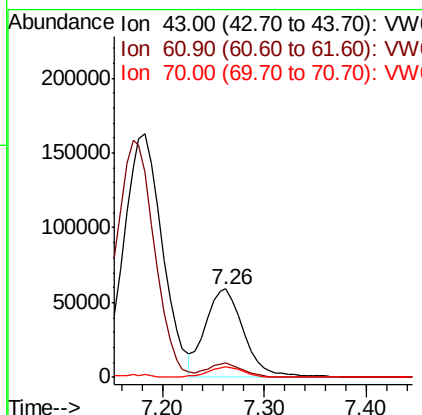
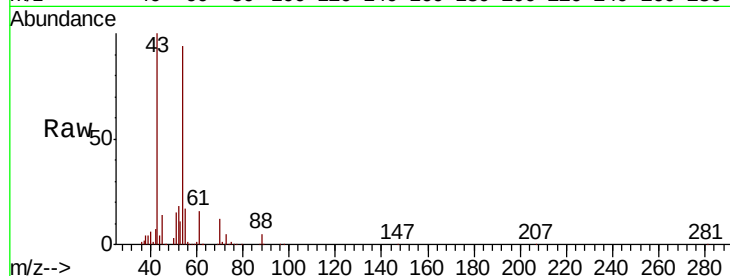
#37
Ethyl Acetate
Concen: 55.13 ug/l
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	12.1	18.1
70	10.9	9.4	14.2

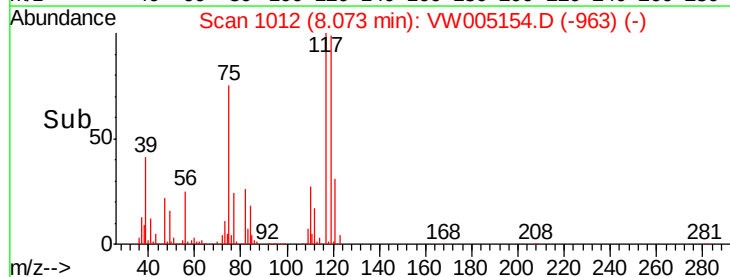
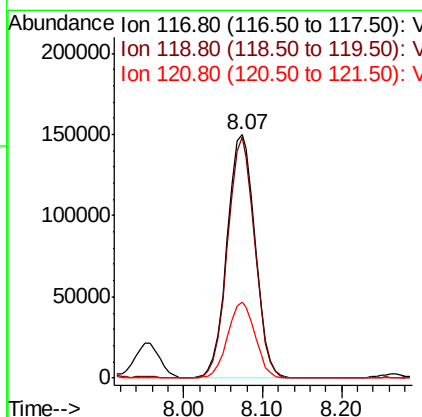
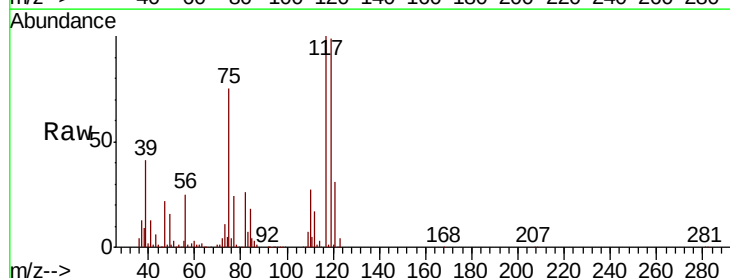
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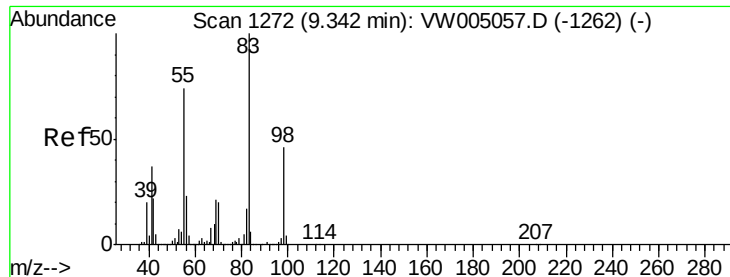
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#38
Carbon Tetrachloride
Concen: 52.49 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.1	76.6	115.0
121	30.9	24.8	37.2





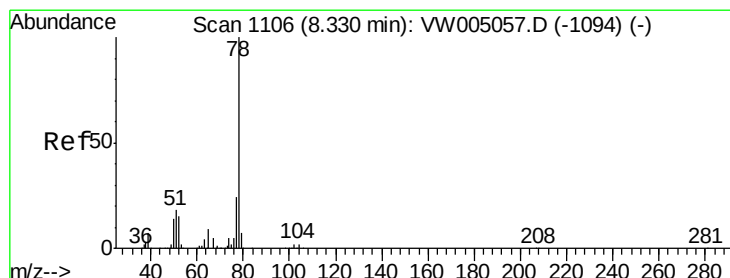
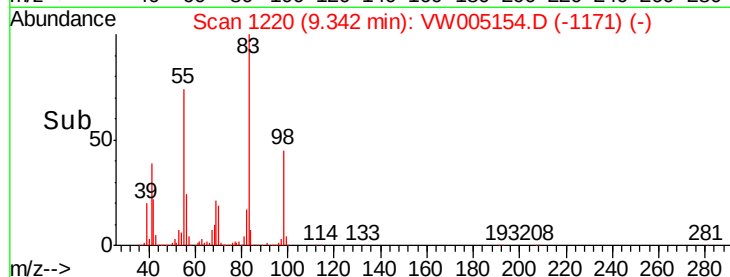
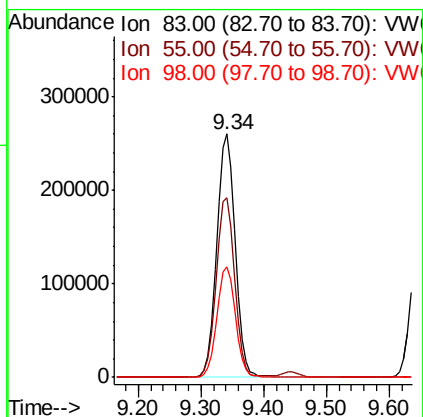
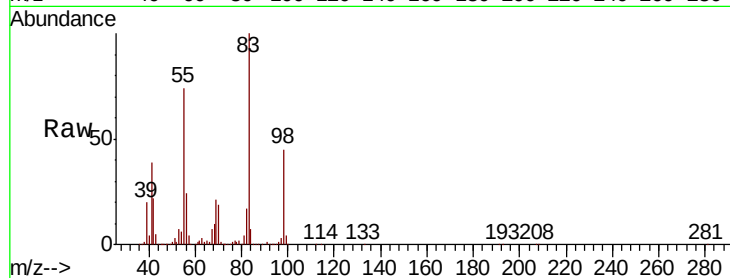
#39
Methylvlcyclohexane
Concen: 59.19 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.7	58.9	88.3
98	45.5	36.8	55.2

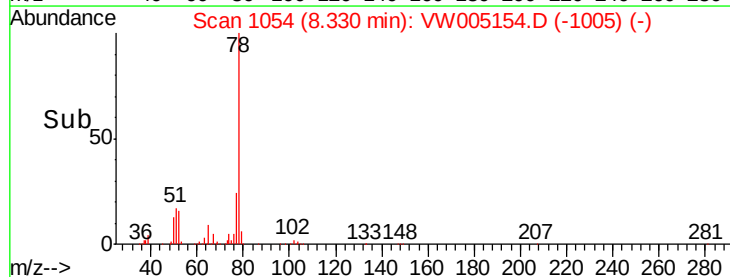
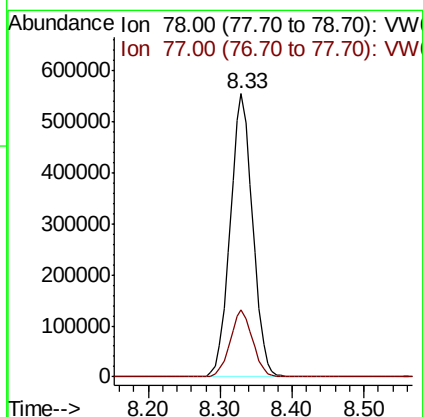
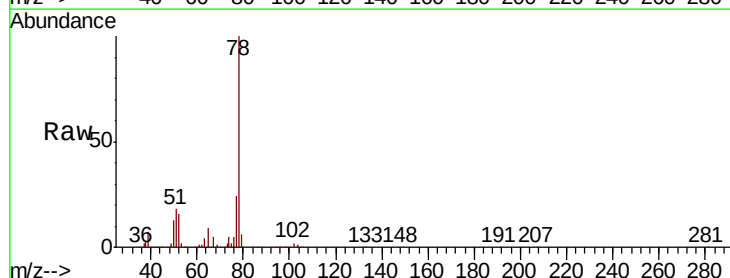
Manual Integrations
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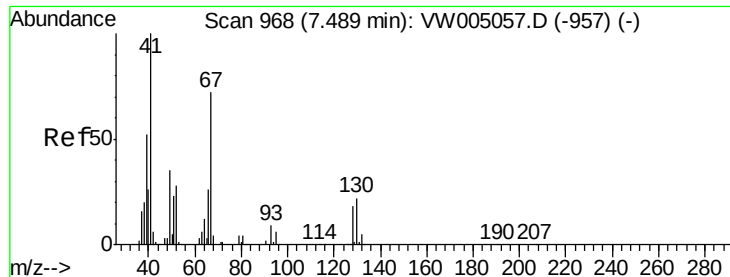
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#40
Benzene
Concen: 52.89 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.4	29.0





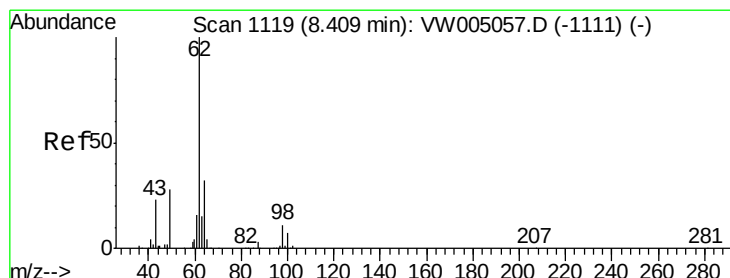
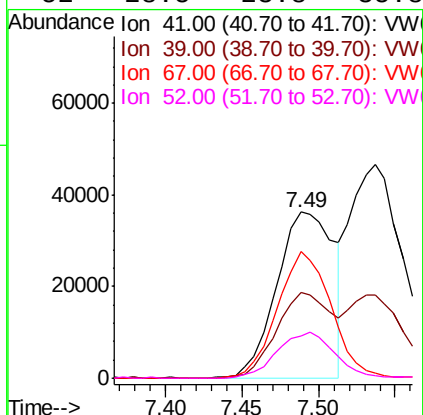
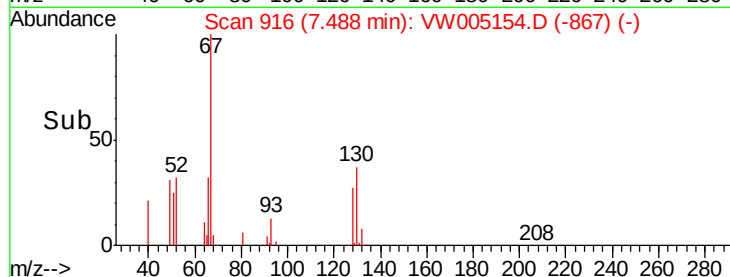
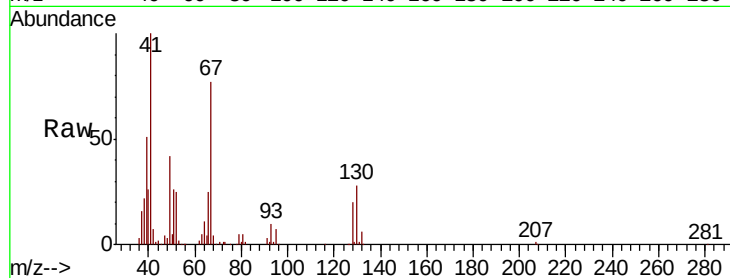
#41
Methacrylonitrile
Concen: 58.56 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		93971		
39	49.6	41.8	62.8		
67	72.4	60.4	90.6		
52	28.5	23.8	35.8		

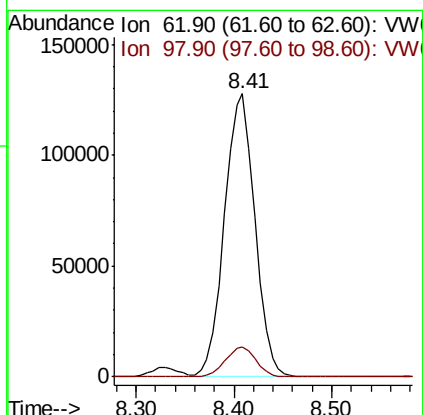
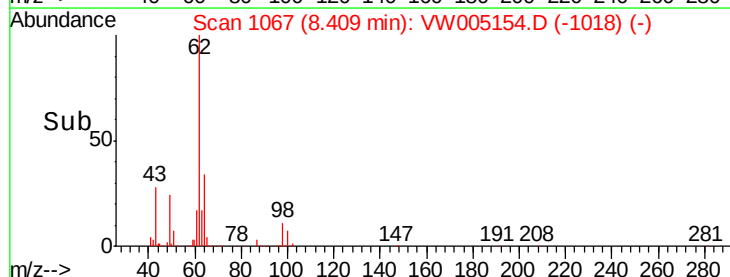
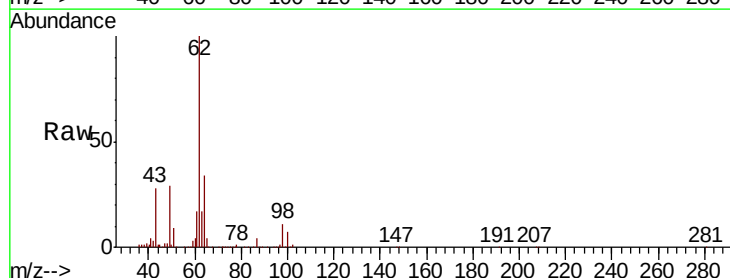
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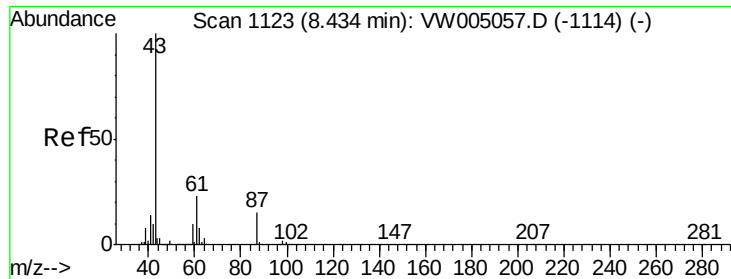
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#42
1,2-Dichloroethane
Concen: 49.58 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		275099		
98	10.5	0.0	21.8		





#43

Isopropyl Acetate

Concen: 56.40 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Instrument :

MSVOA_W

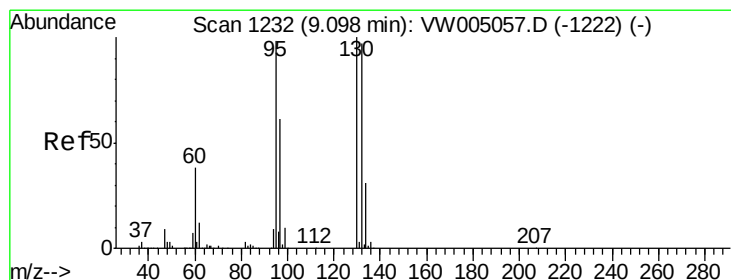
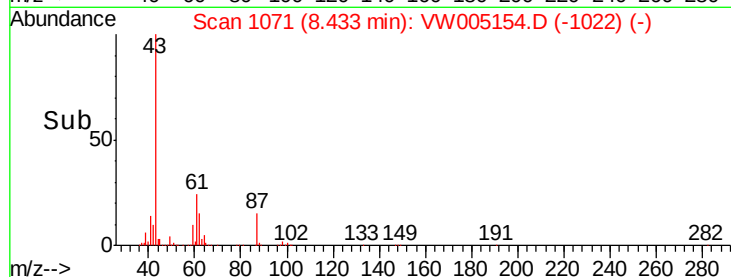
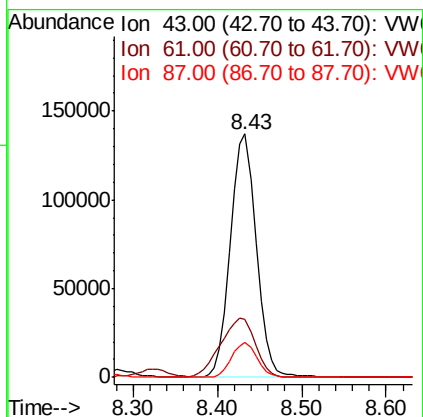
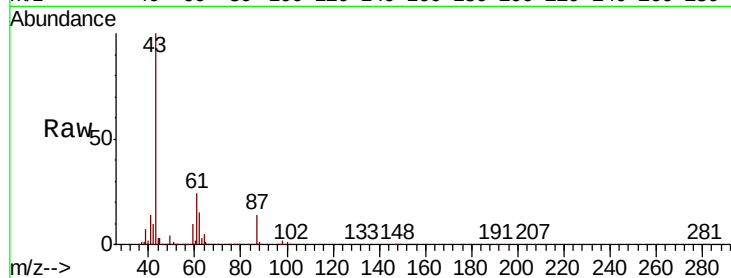
ClientSampled :

VSTDCCC050

Tot Ion:	43	Resp:	284237
Ion	Ratio	Lower	Upper
43	100		
61	32.6	26.8	40.2
87	14.4	11.6	17.4

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#44

Trichloroethene

Concen: 51.01 ug/l

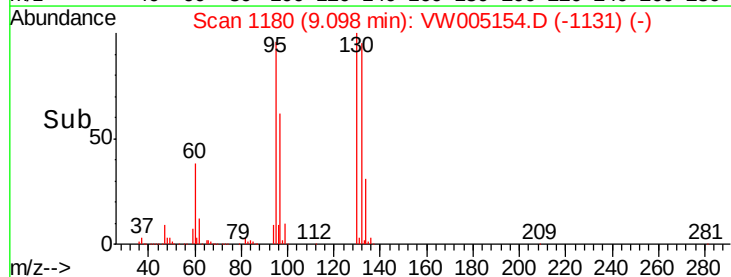
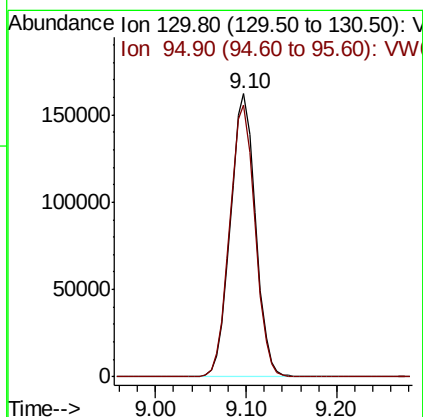
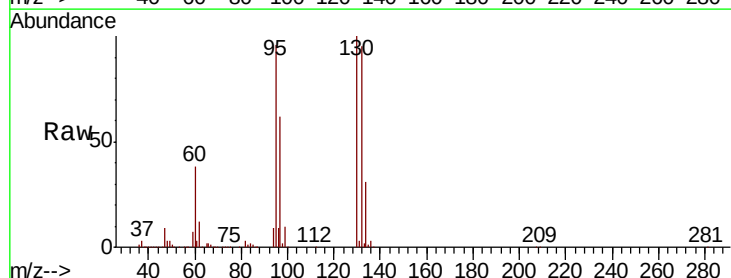
RT: 9.10 min Scan# 1180

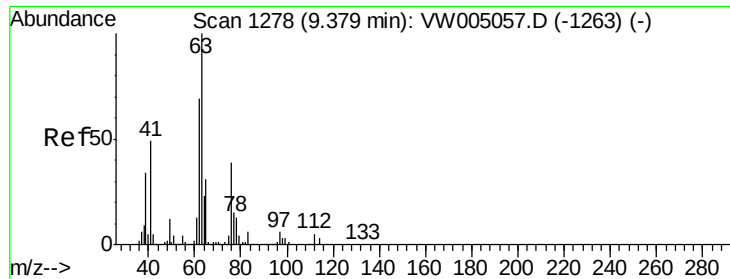
Delta R.T. -0.00 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Tgt Ion:	130	Resp:	312031
Ion	Ratio	Lower	Upper
130	100		
95	96.0	0.0	195.2





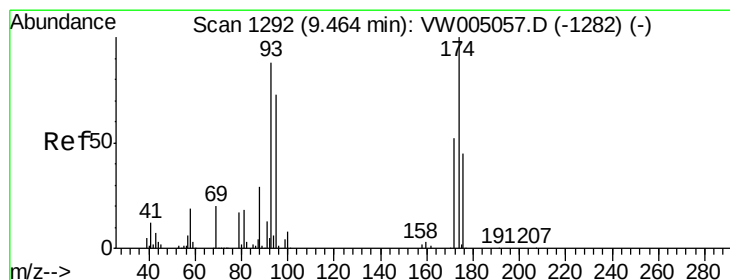
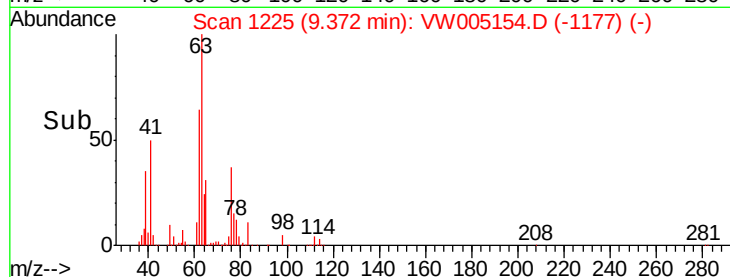
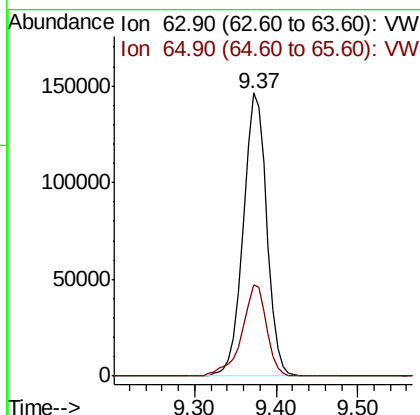
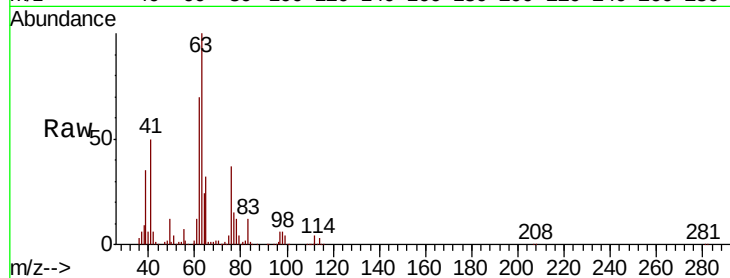
#45
 1,2-Dichloropropane
 Concen: 52.73 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: VW005154.D
 Acq: 06 Sep 2018 10:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.1	24.6	37.0

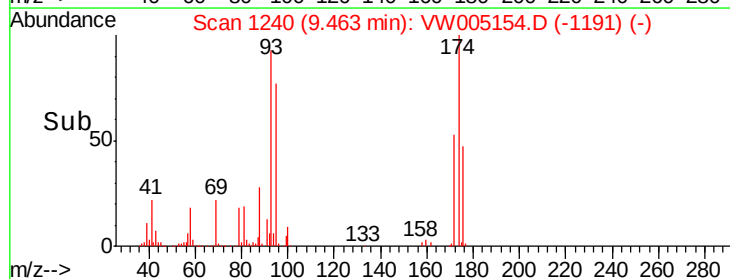
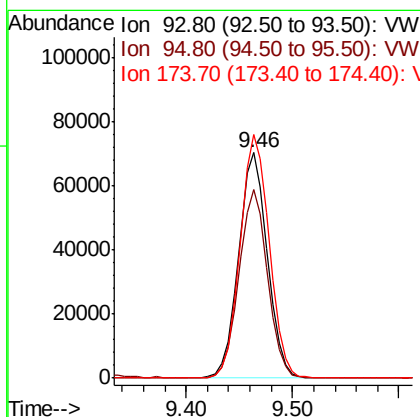
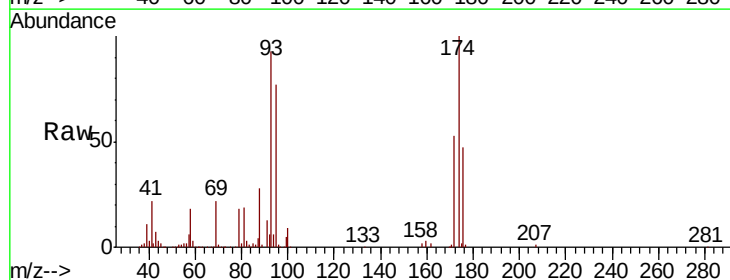
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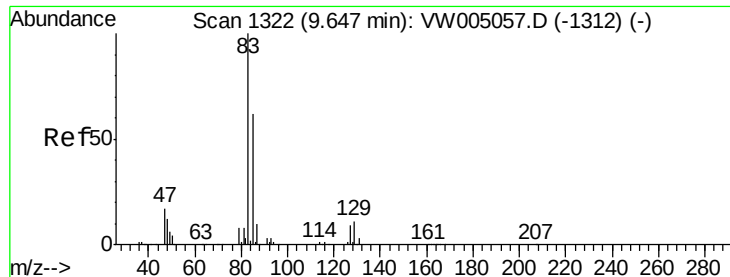
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#46
 Dibromomethane
 Concen: 50.22 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005154.D
 Acq: 06 Sep 2018 10:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.1	66.2	99.4
174	109.4	92.0	138.0





#47

Bromodichloromethane

Concen: 50.93 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Instrument :

MSVOA_W

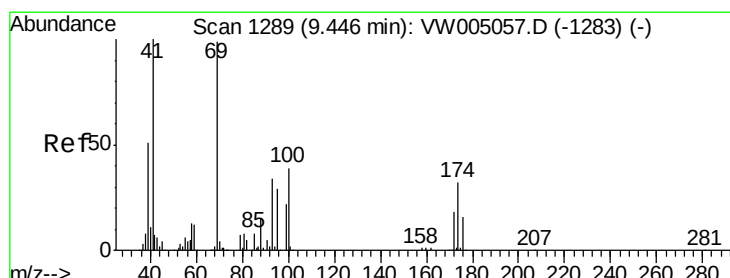
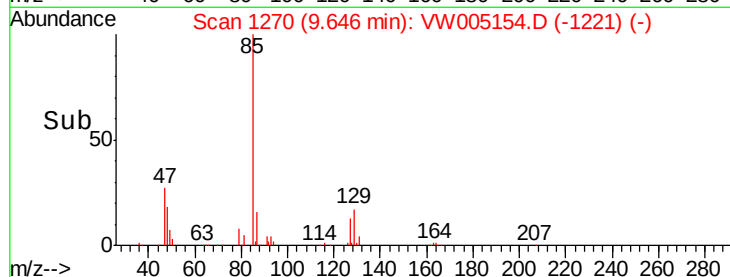
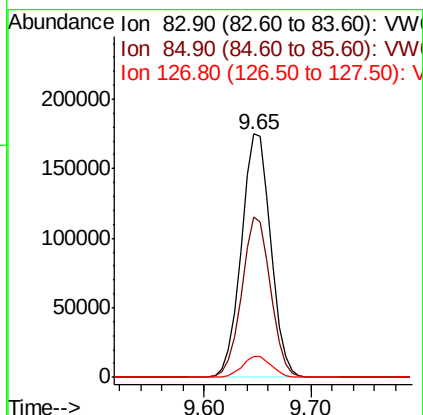
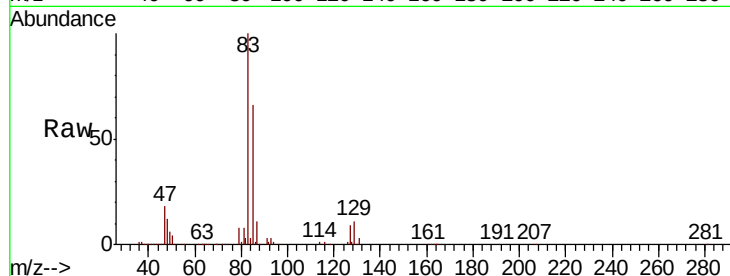
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	339612
Ion Ratio	Lower	Upper	
83	100		
85	65.9	49.8	74.6
127	8.6	7.0	10.4

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#48

Methyl methacrylate

Concen: 58.58 ug/l

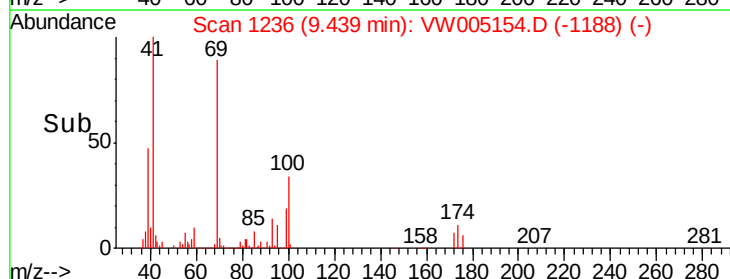
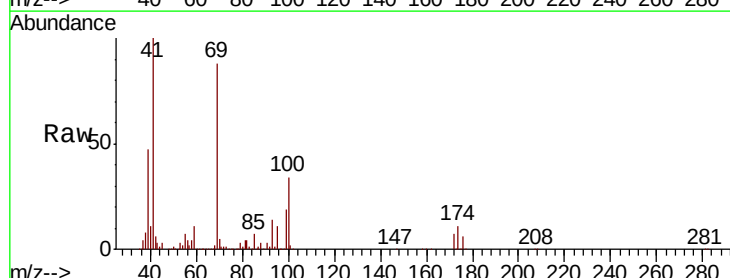
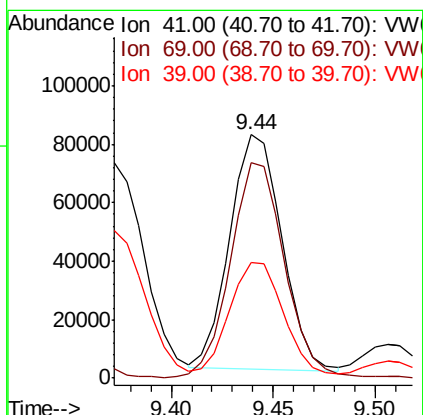
RT: 9.44 min Scan# 1236

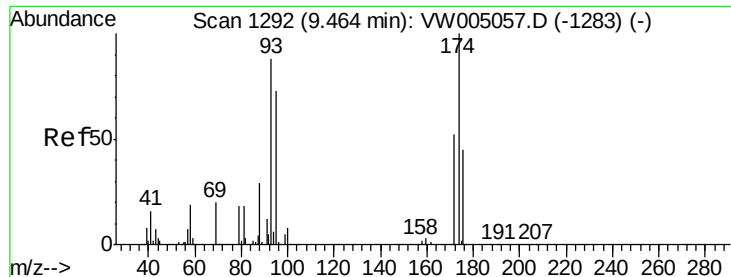
Delta R.T. -0.01 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Tgt Ion:	41	Resp:	142142
Ion Ratio	Lower	Upper	
41	100		
69	95.9	80.4	120.6
39	48.9	43.5	65.3





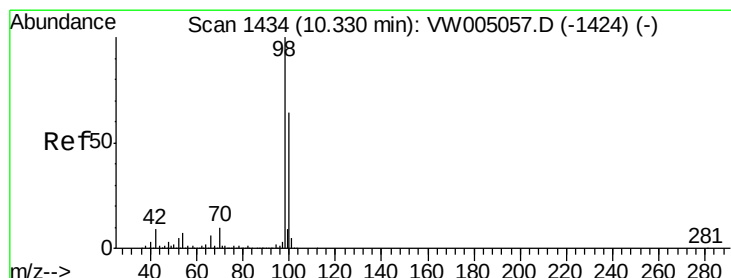
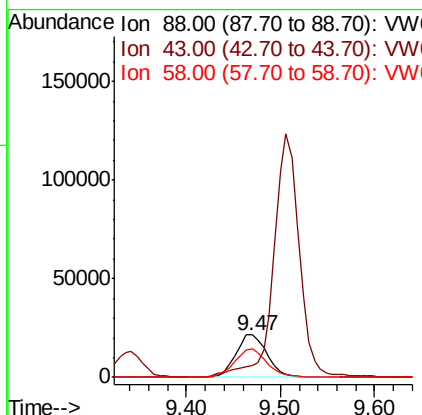
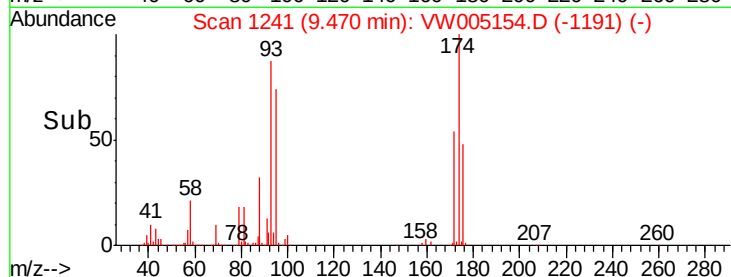
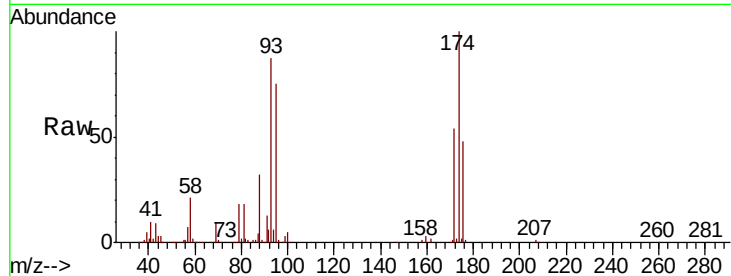
#49
1,4-Dioxane
Concen: 1173.87 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	50273
Ion	Ratio	Lower	Upper
88	100		
43	0.0	19.8	29.6#
58	70.8	57.1	85.7

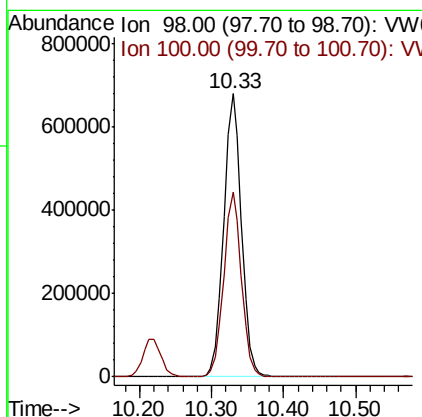
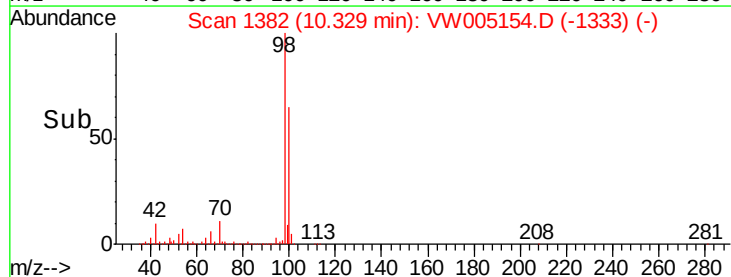
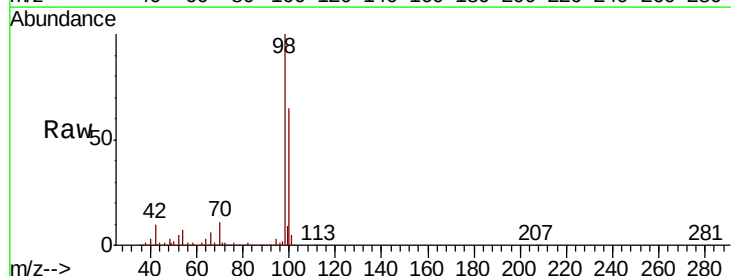
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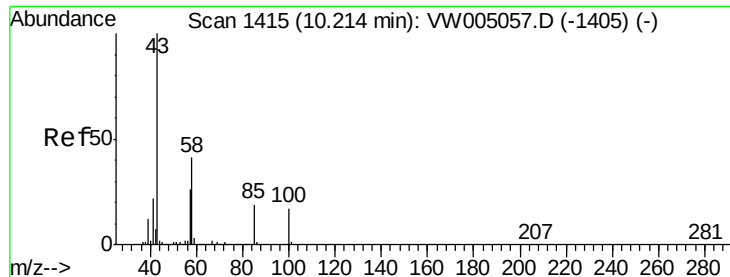
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#50
Toluene-d8
Concen: 56.54 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

Tgt Ion	98	Resp	1170576
Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 295.29 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 997348

Ion Ratio Lower Upper

43 100

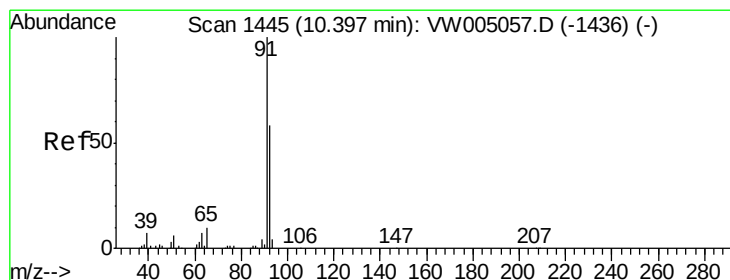
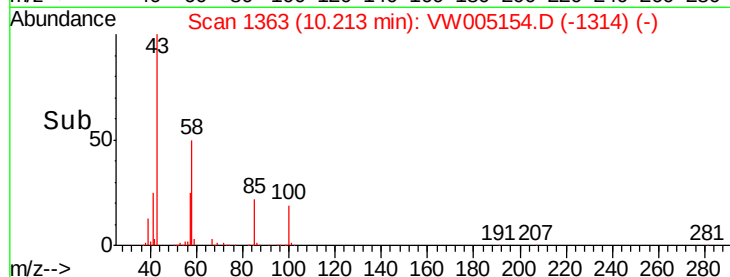
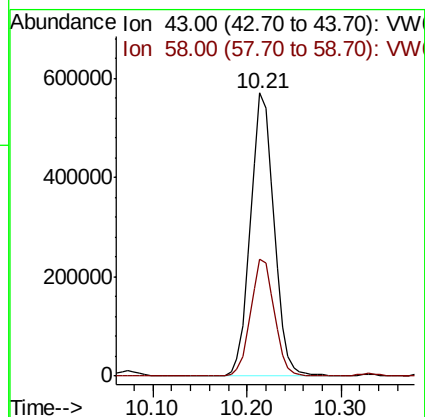
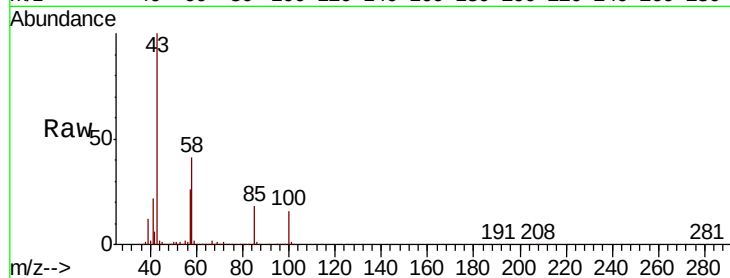
58 41.5 33.3 49.9

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#52

Toluene

Concen: 53.98 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.01 min

Lab File: VW005154.D

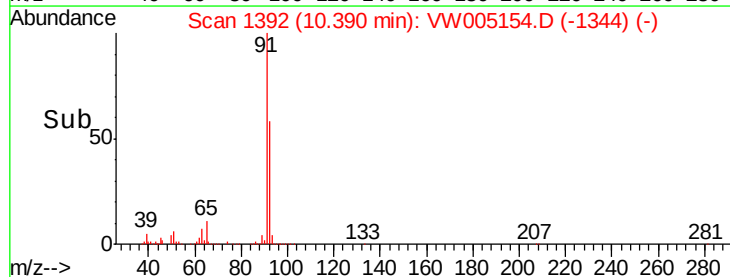
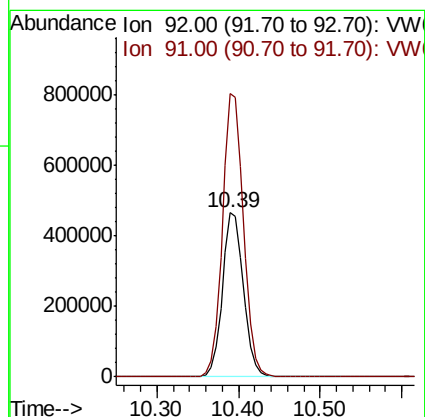
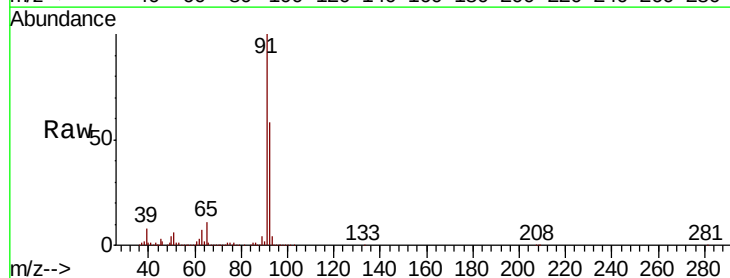
Acq: 06 Sep 2018 10:47

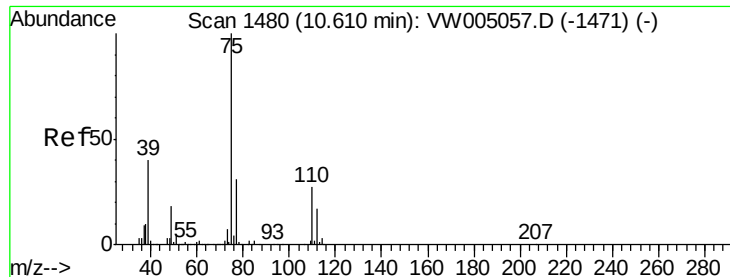
Tgt Ion: 92 Resp: 829155

Ion Ratio Lower Upper

92 100

91 172.5 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 55.26 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 75 Resp: 362057

Ion Ratio Lower Upper

75 100

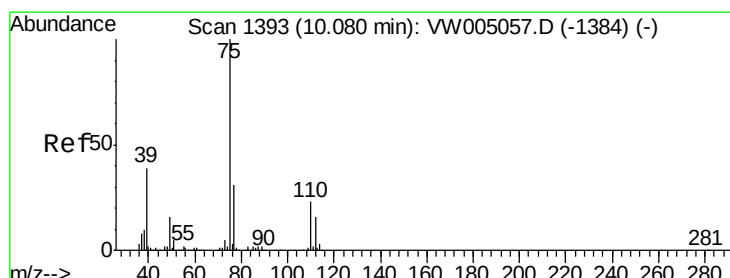
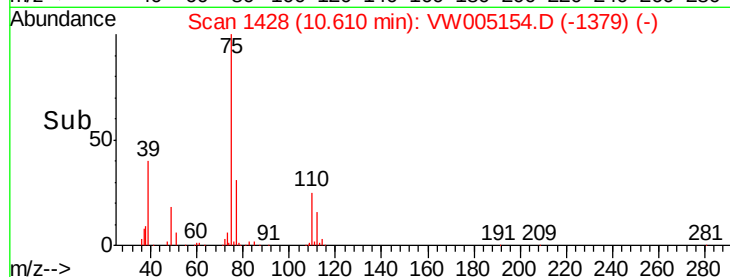
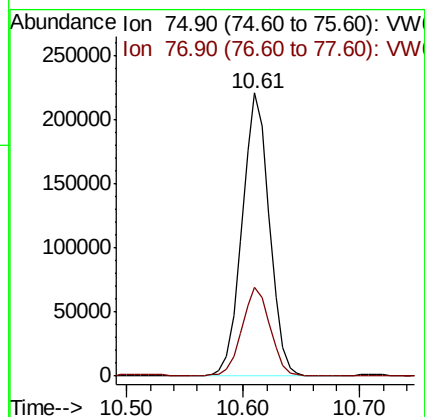
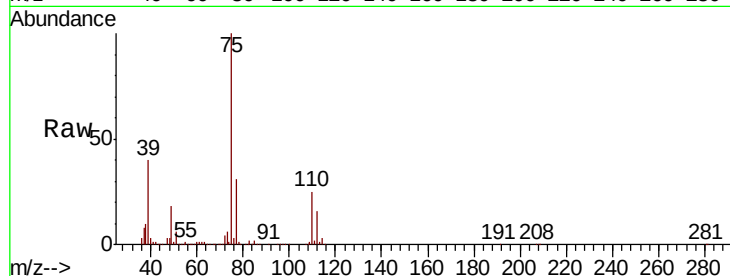
77 31.1 25.0 37.6

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#54

cis-1,3-Dichloropropene

Concen: 55.05 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

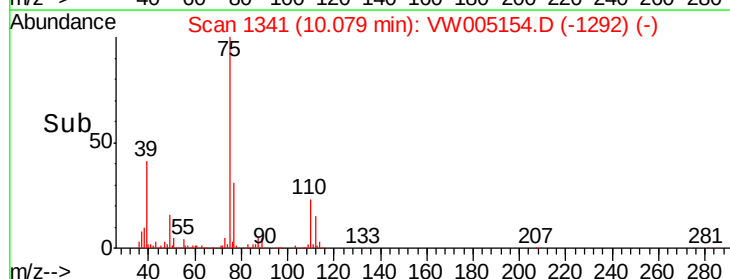
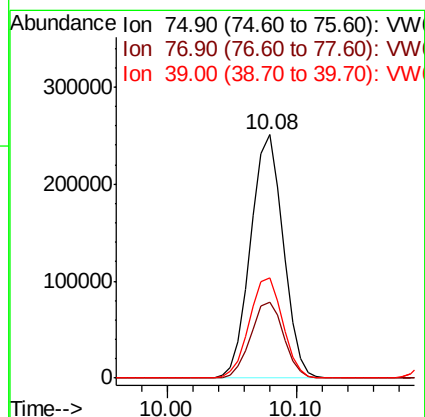
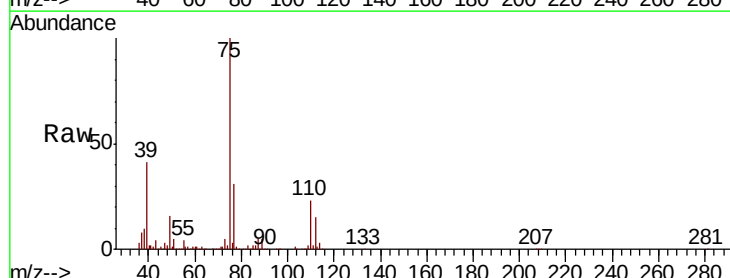
Tgt Ion: 75 Resp: 438630

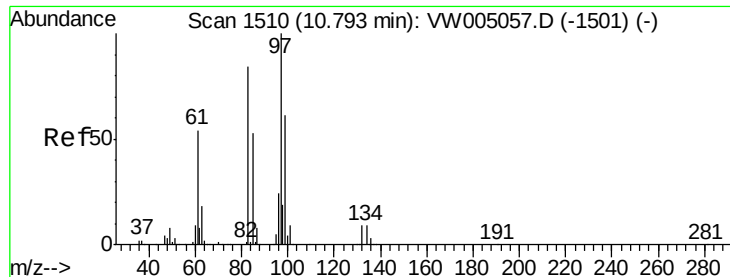
Ion Ratio Lower Upper

75 100

77 31.0 24.9 37.3

39 41.3 31.0 46.6





#55

1,1,2-Trichloroethane

Concen: 50.38 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. -0.00 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Instrument :

MSVOA_W

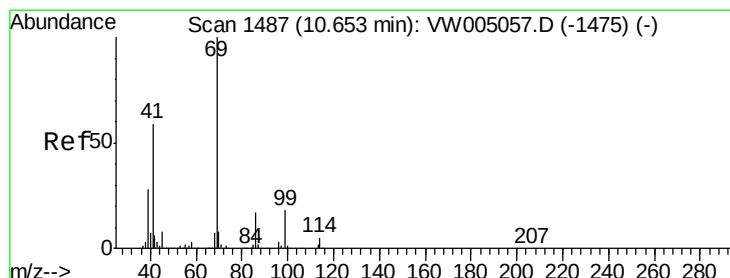
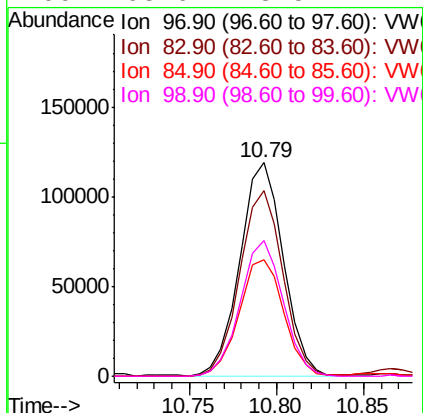
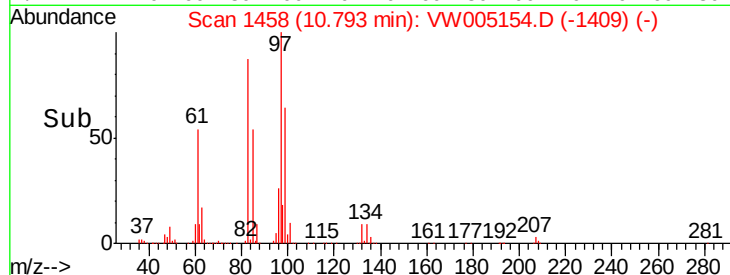
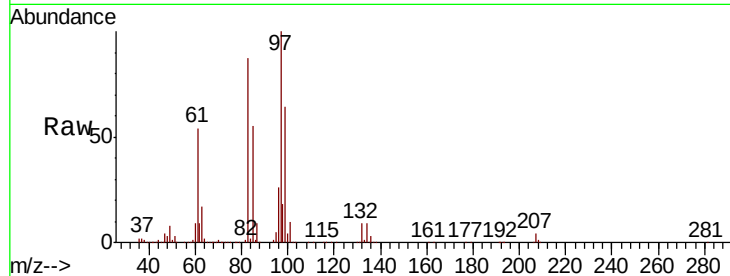
ClientSampleId :

VSTDCCC050

Tot Ion	97	Resp	206569
Ion	Ratio	Lower	Upper
97	100		
83	87.0	67.0	100.6
85	54.4	42.3	63.5
99	63.6	48.5	72.7

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#56

Ethyl methacrylate

Concen: 58.82 ug/l

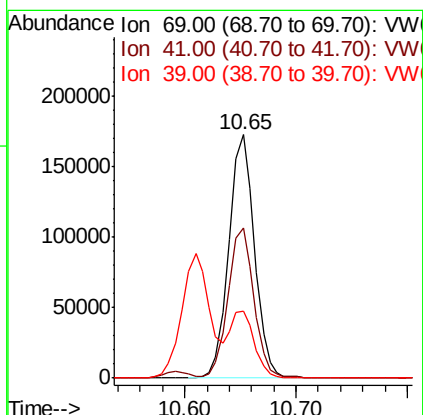
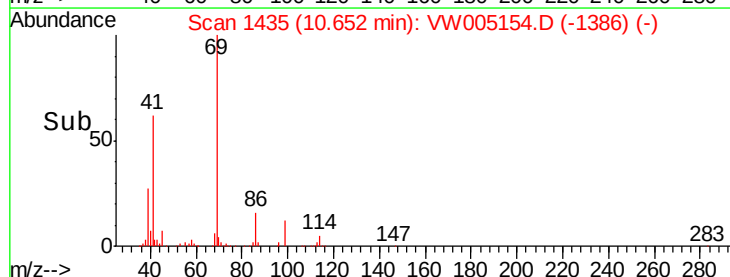
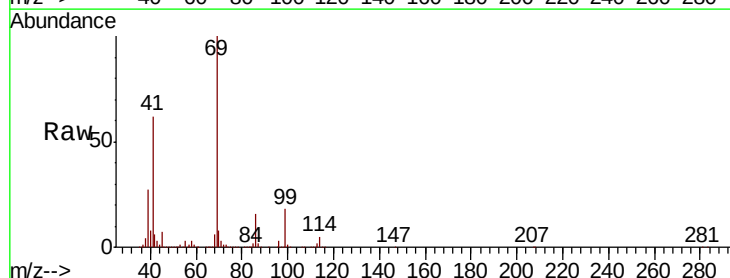
RT: 10.65 min Scan# 1435

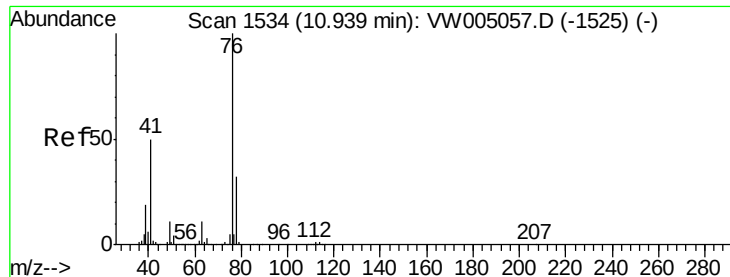
Delta R.T. -0.00 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Tgt Ion	69	Resp	275170
Ion	Ratio	Lower	Upper
69	100		
41	62.1	47.8	71.6
39	26.0	21.1	31.7





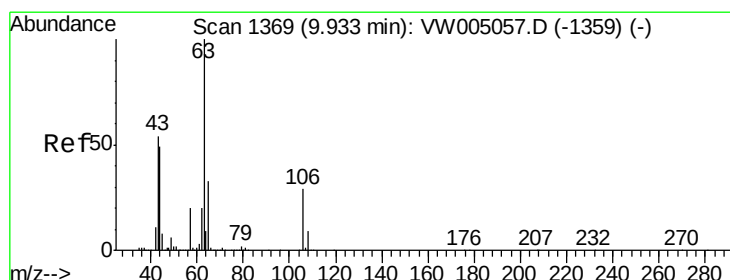
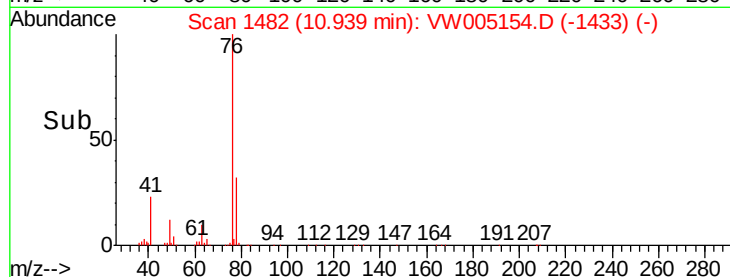
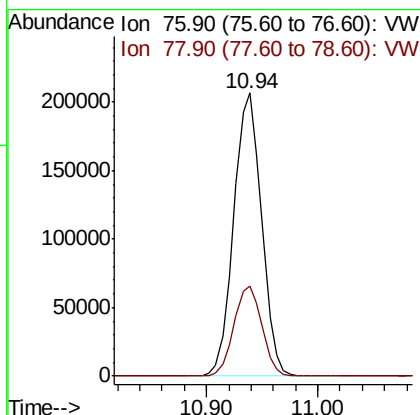
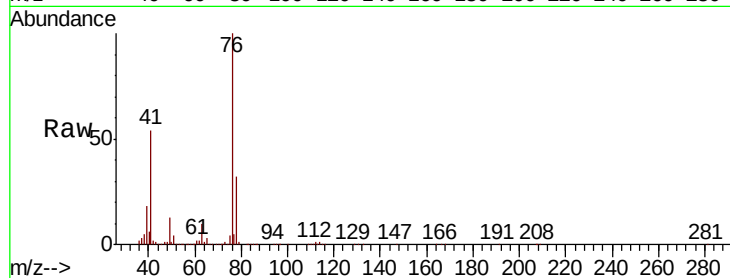
#57
 1,3-Dichloropropane
 Concen: 52.83 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005154.D
 Acq: 06 Sep 2018 10:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.3	39.5

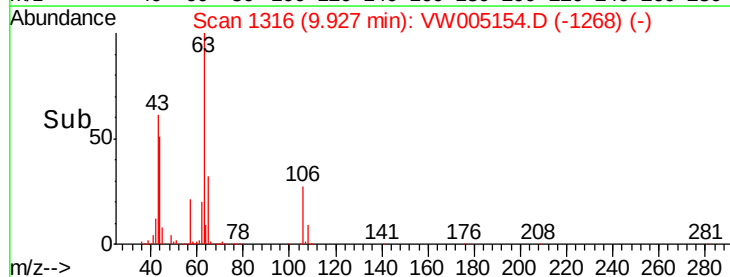
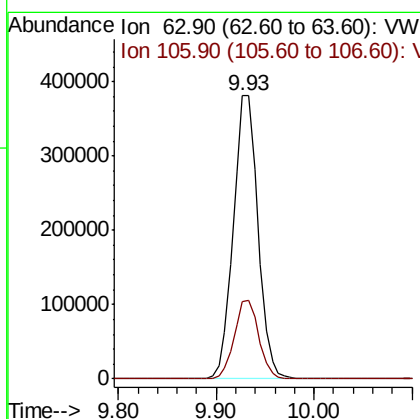
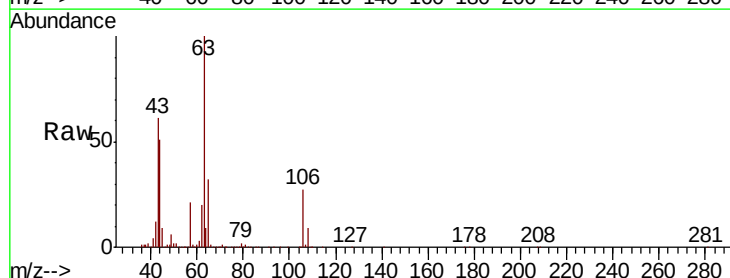
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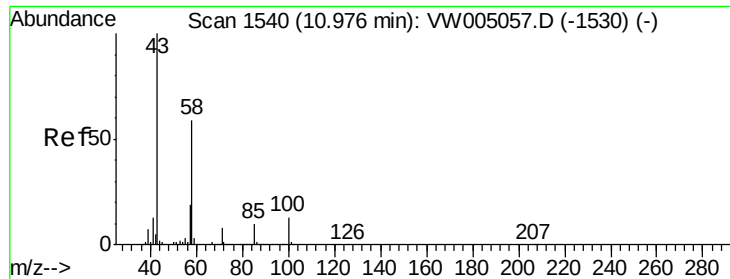
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#58
 2-Chloroethyl Vinyl ether
 Concen: 300.24 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VW005154.D
 Acq: 06 Sep 2018 10:47

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.7	23.1	34.7





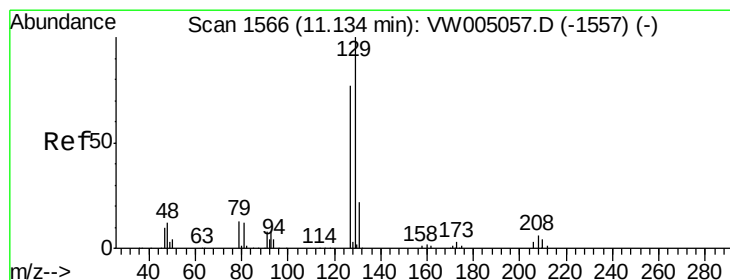
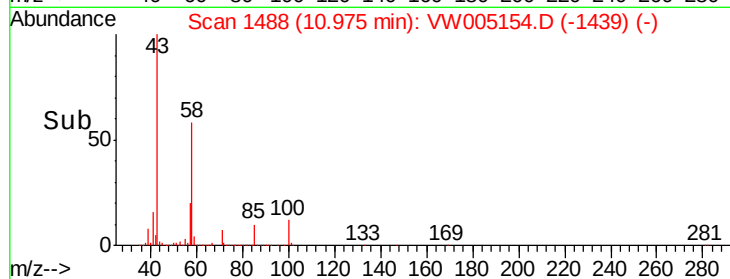
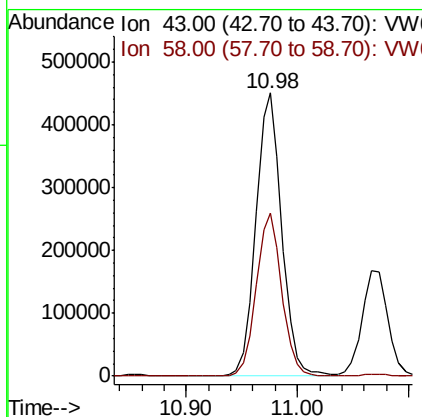
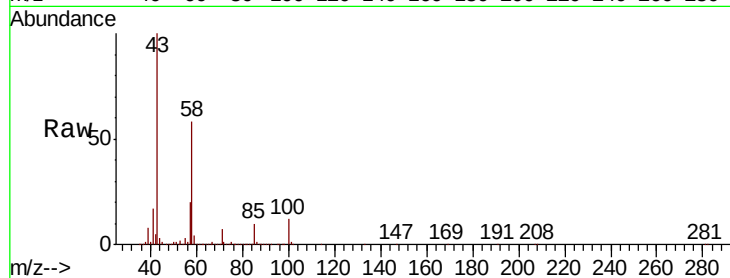
#59
2-Hexanone
Concen: 318.36 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 727266
Ion Ratio Lower Upper
43 100
58 56.9 28.7 86.3

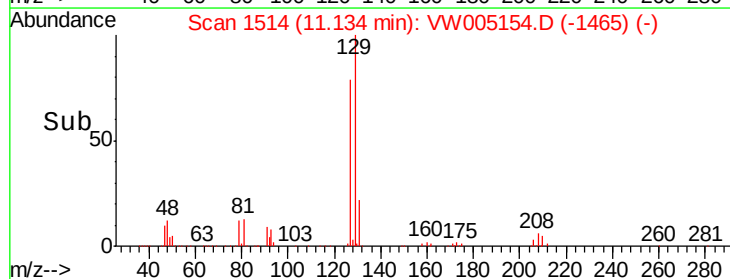
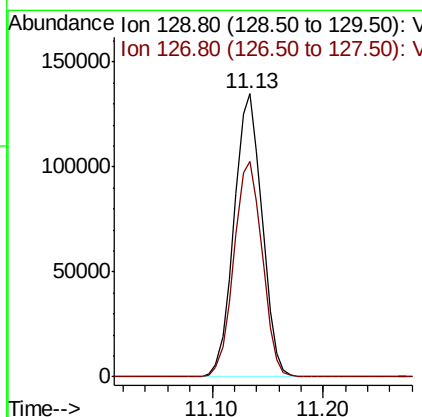
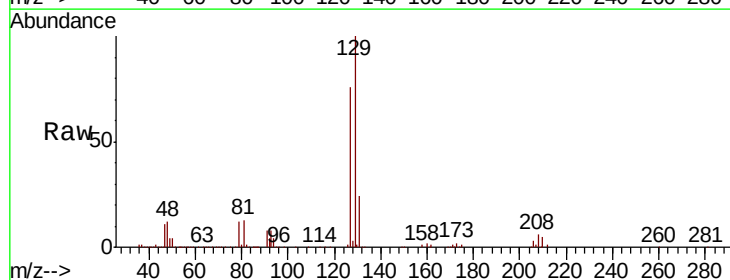
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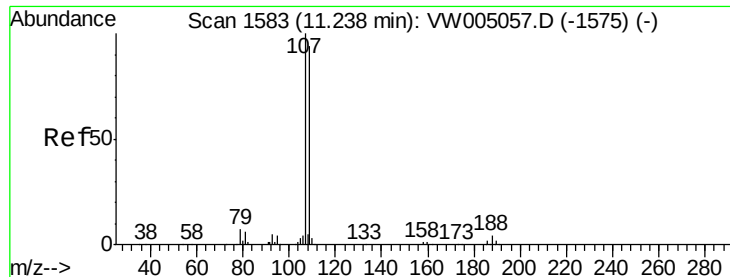
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#60
Dibromochloromethane
Concen: 50.65 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

Tgt Ion: 129 Resp: 234798
Ion Ratio Lower Upper
129 100
127 77.0 38.9 116.7





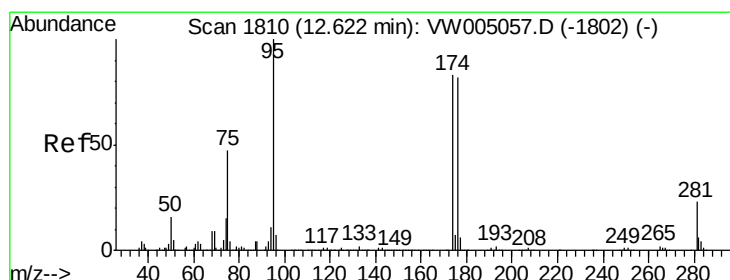
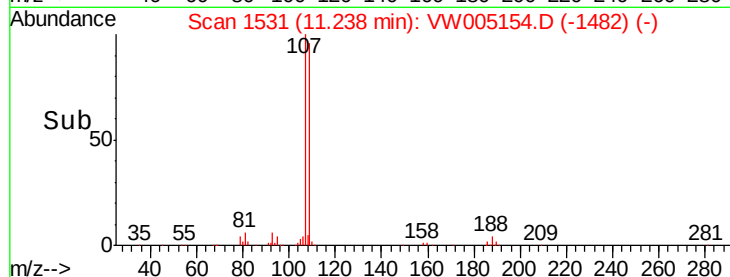
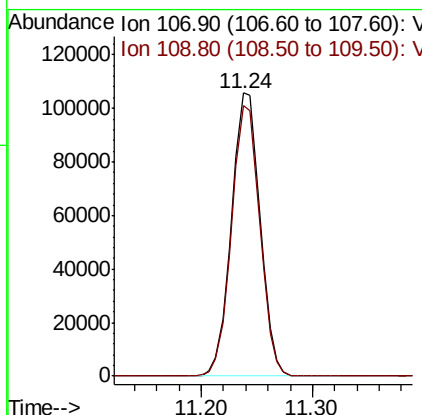
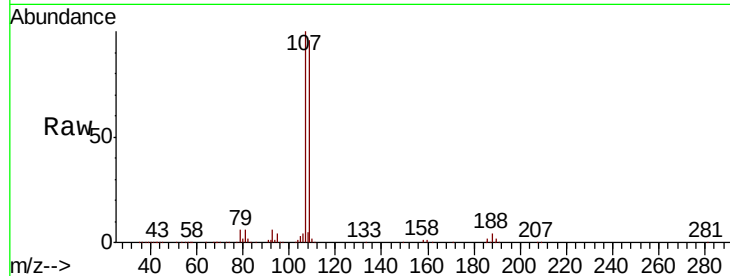
#61
 1,2-Dibromoethane
 Concen: 50.87 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005154.D
 Acq: 06 Sep 2018 10:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.9	75.9	113.9

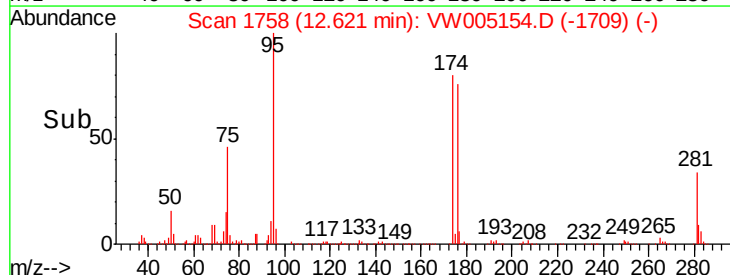
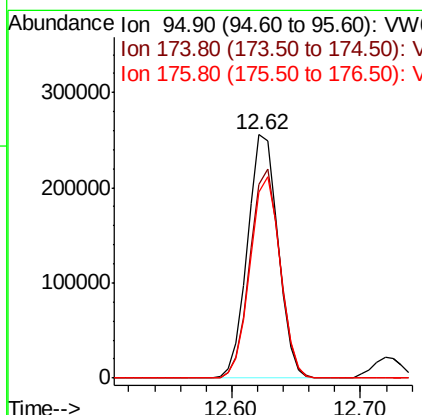
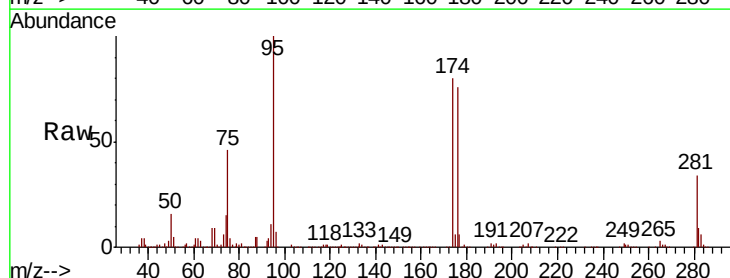
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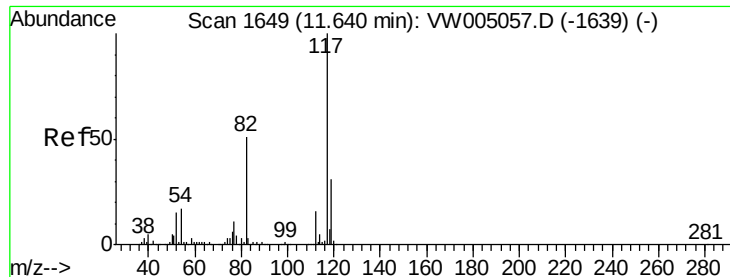
apatel
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#62
 4-Bromofluorobenzene
 Concen: 57.00 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW005154.D
 Acq: 06 Sep 2018 10:47

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.4	0.0	173.4
176	82.0	0.0	167.4





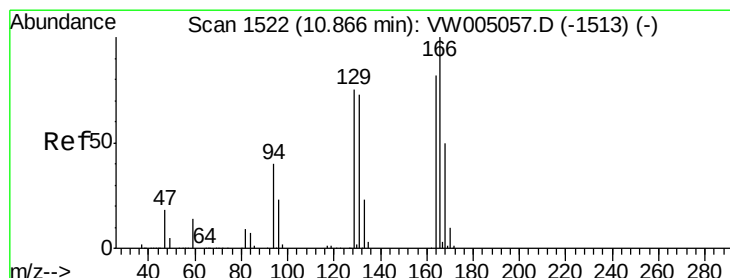
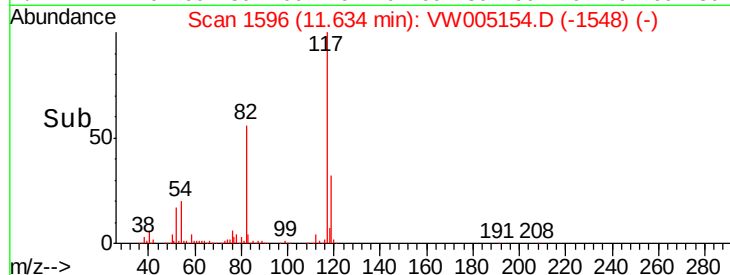
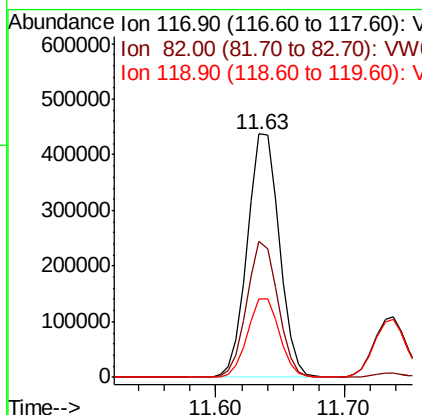
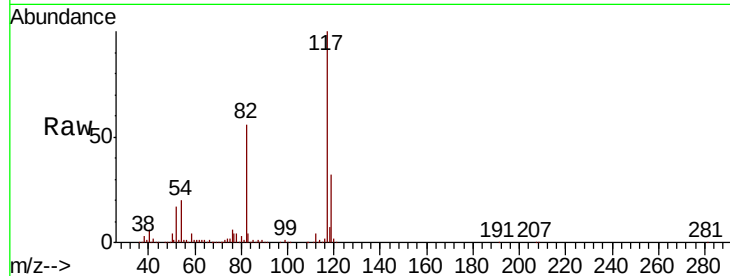
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.01 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	56.1	40.9	61.3
119	32.2	24.9	37.3

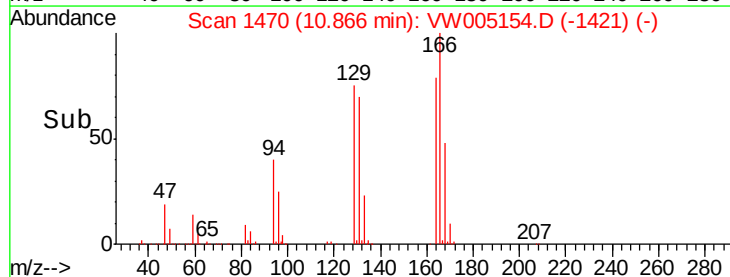
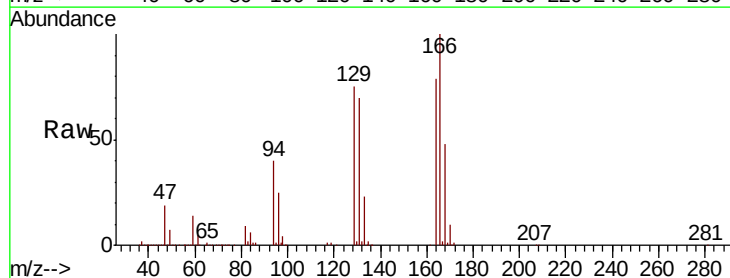
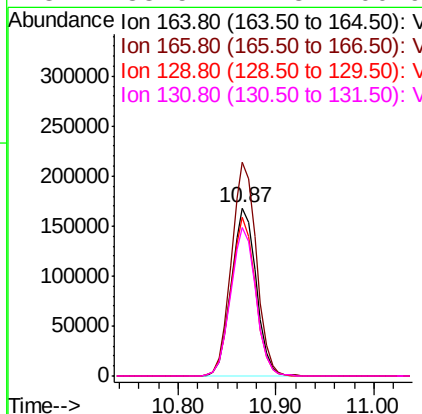
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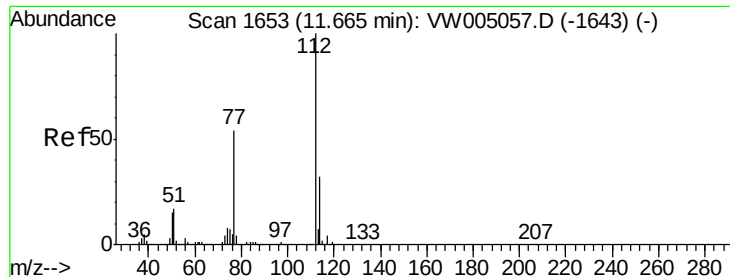
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#64
Tetrachloroethene
Concen: 50.33 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	126.9	97.3	145.9
129	94.6	73.1	109.7
131	88.5	71.3	106.9





#65

Chlorobenzene

Concen: 52.86 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. -0.00 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 893967

Ion Ratio Lower Upper

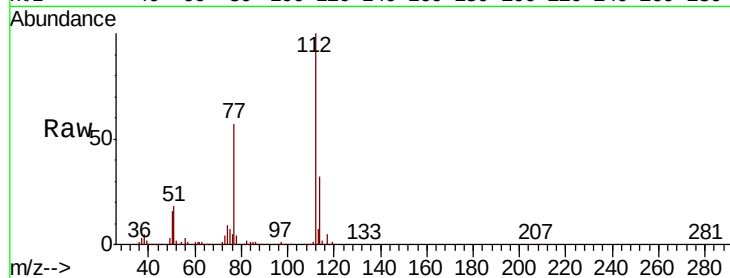
112 100

114 32.0 26.0 39.0

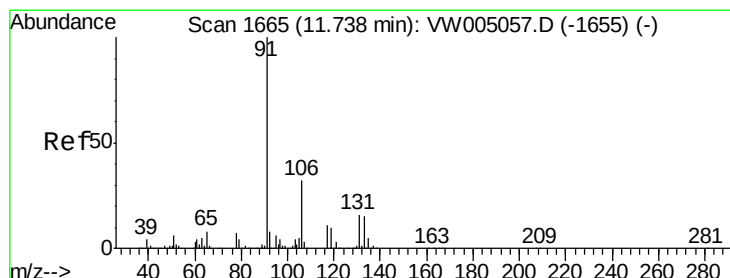
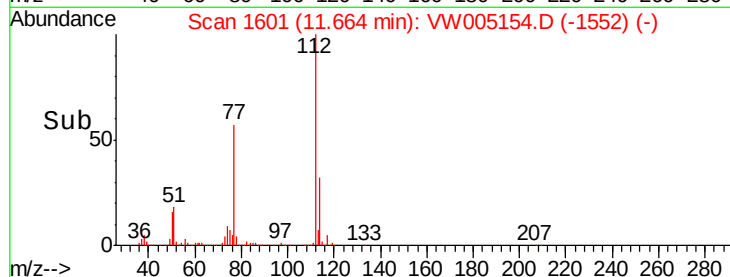
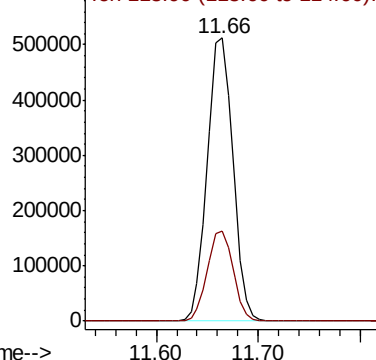
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Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.73 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. -0.00 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

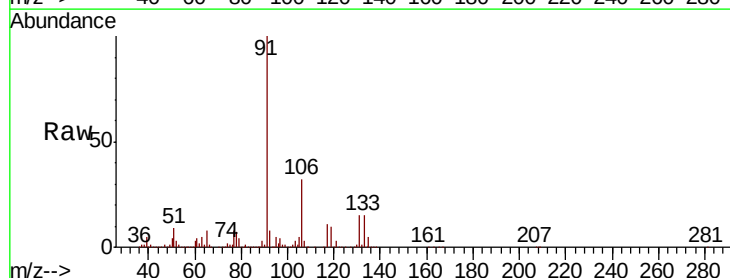
Tgt Ion:131 Resp: 267327

Ion Ratio Lower Upper

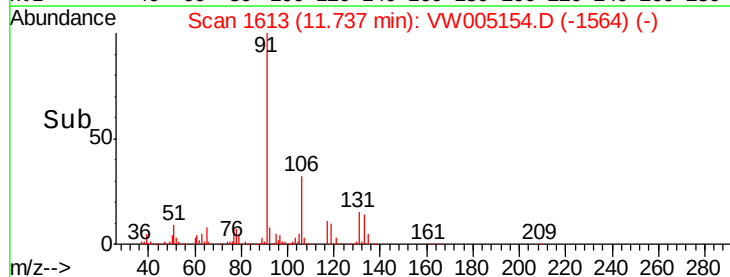
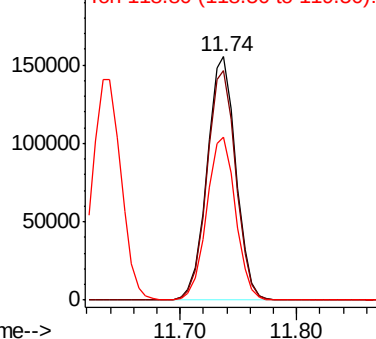
131 100

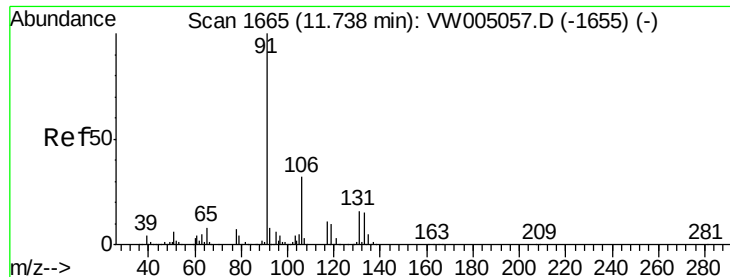
133 94.7 47.4 142.3

119 67.2 33.4 100.1



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V





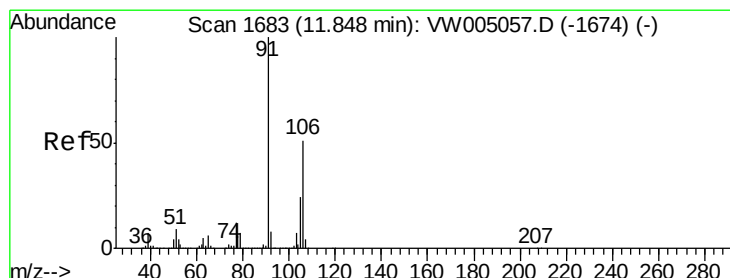
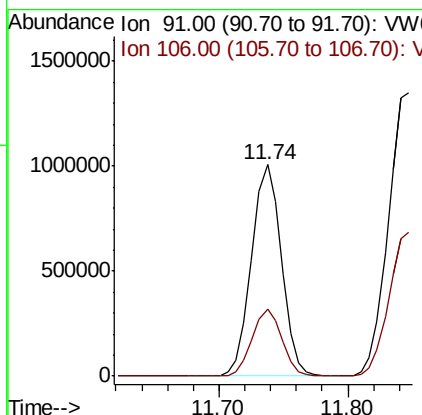
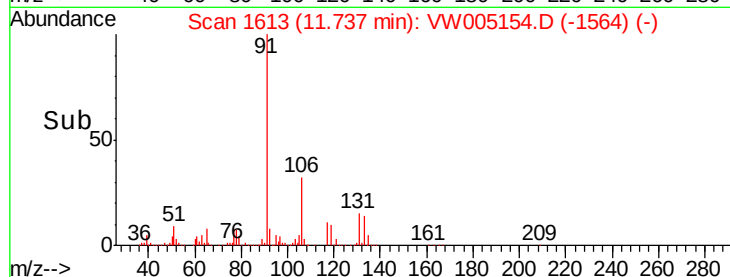
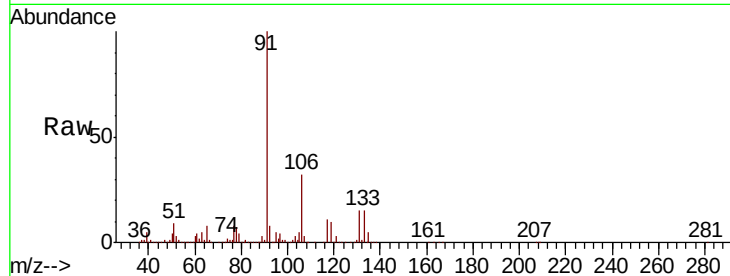
#67
Ethyl Benzene
Concen: 56.39 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 1612012
Ion Ratio Lower Upper
91 100
106 31.6 25.3 37.9

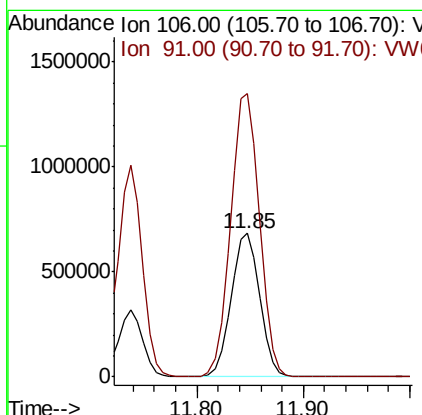
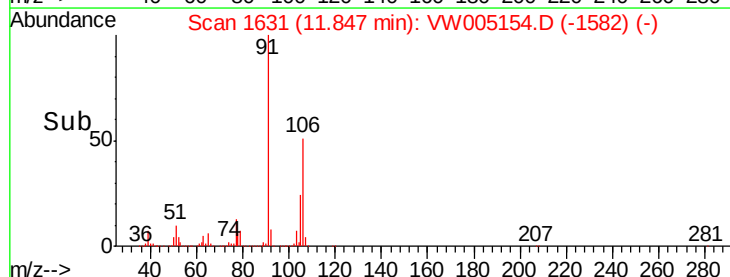
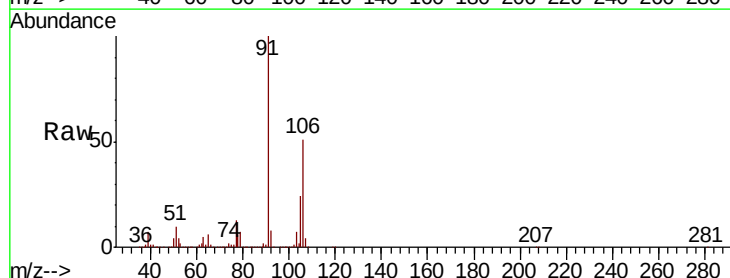
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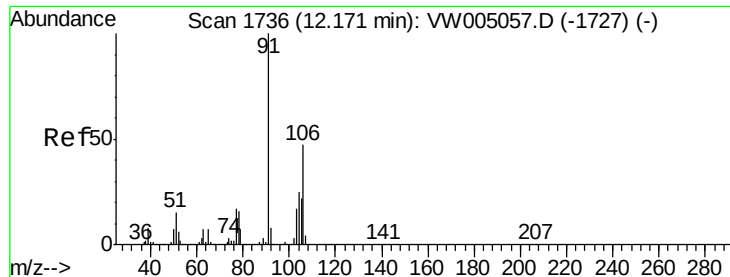
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#68
m/p-Xylenes
Concen: 112.27 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

Tgt Ion: 106 Resp: 1285166
Ion Ratio Lower Upper
106 100
91 199.2 158.4 237.6





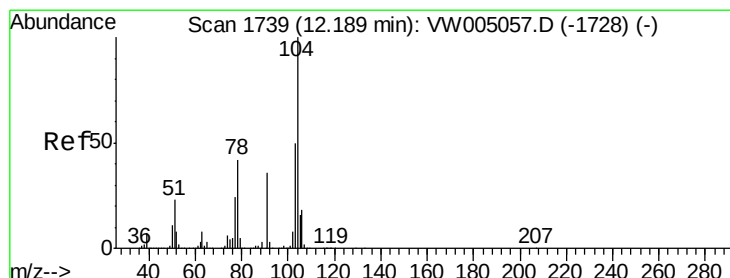
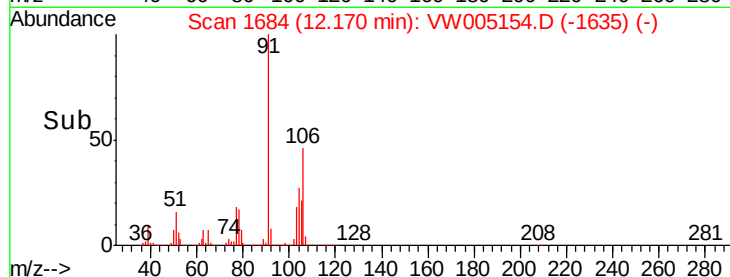
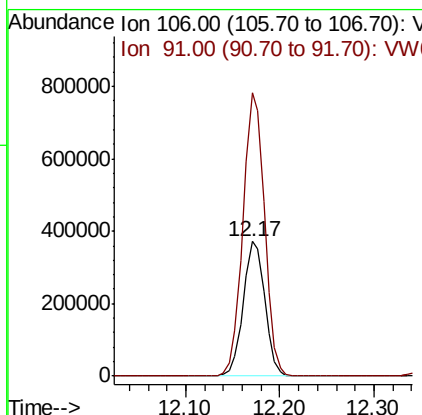
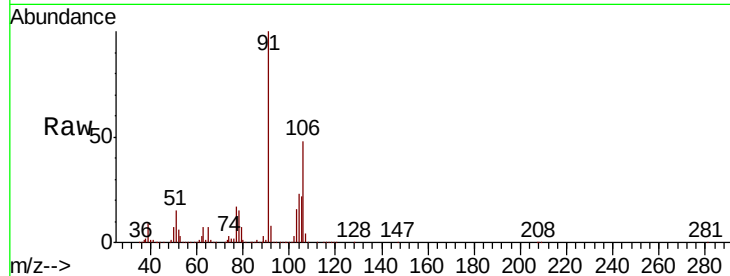
#69
o-Xylene
Concen: 56.16 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.6	105.6	316.8

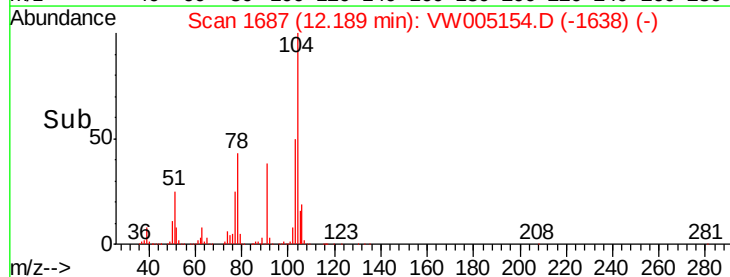
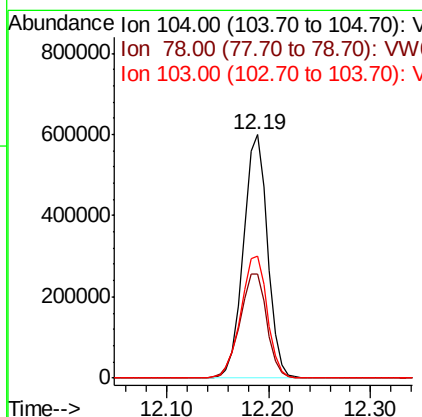
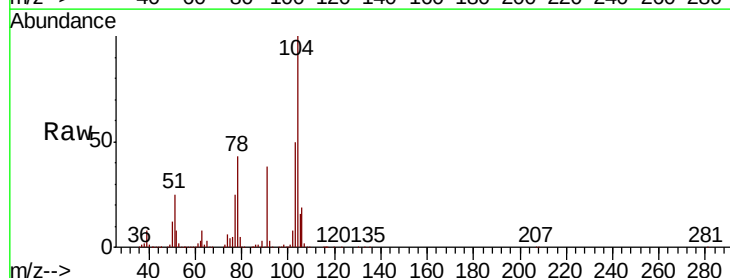
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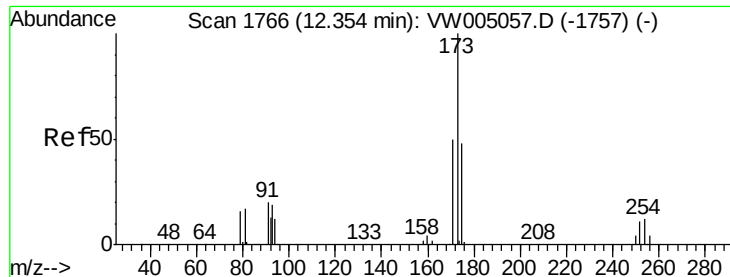
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#70
Styrene
Concen: 56.35 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.7	37.8	56.6
103	55.0	44.1	66.1





#71

Bromoform

Concen: 51.42 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Instrument :

MSVOA_W

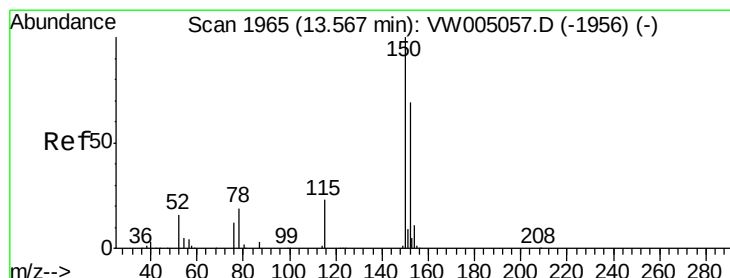
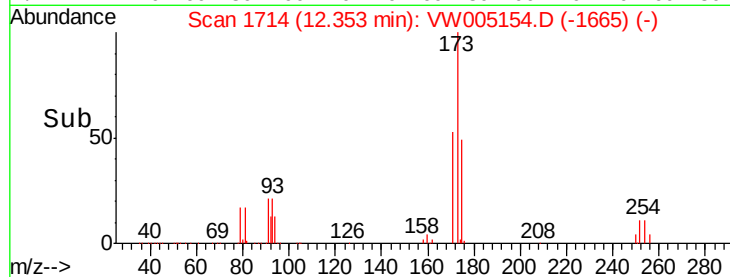
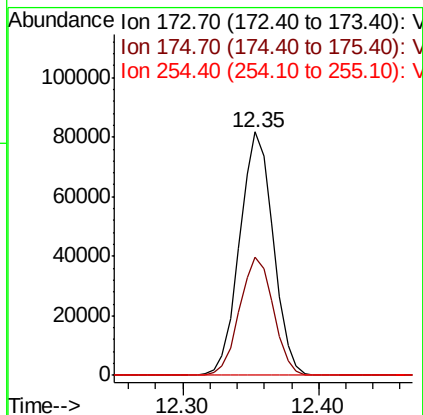
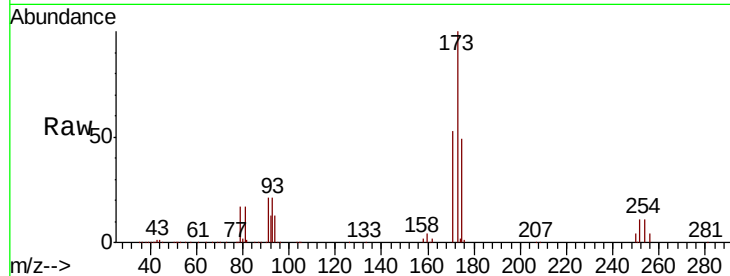
ClientSampled :

VSTDCCC050

Tot Ion:	173	Resp:	140833
Ion Ratio	Lower	Upper	
173	100		
175	48.7	24.1	72.2
254	0.0	0.2	0.2#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

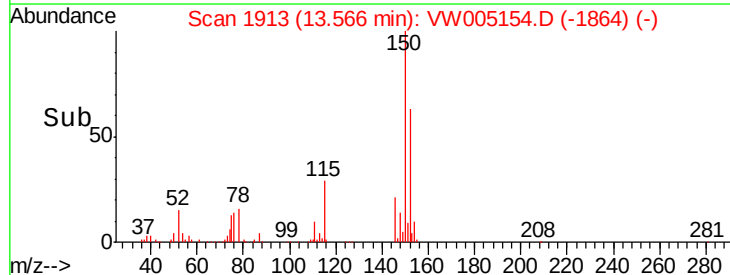
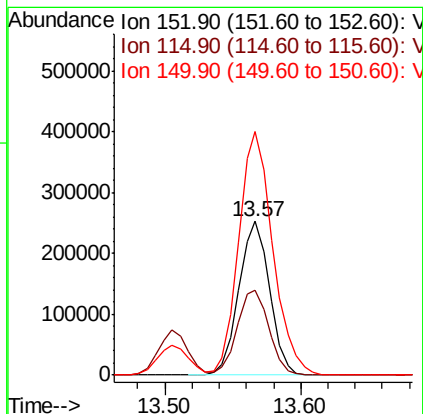
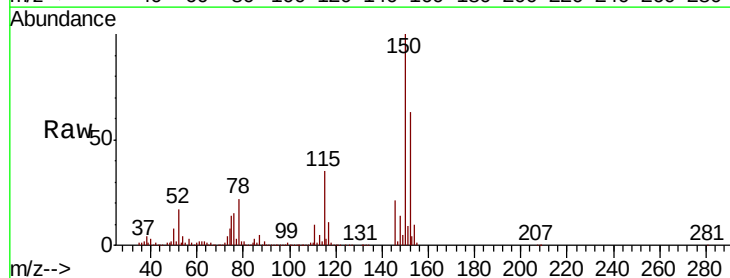
RT: 13.57 min Scan# 1913

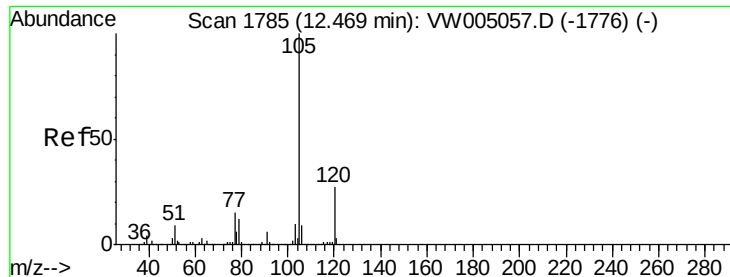
Delta R.T. -0.00 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Tgt Ion:	152	Resp:	399479
Ion Ratio	Lower	Upper	
152	100		
115	56.3	27.8	83.4
150	175.5	0.0	351.4





#73

Isopropylbenzene

Concen: 57.98 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 105 Resp: 1633189

Ion Ratio Lower Upper

105 100

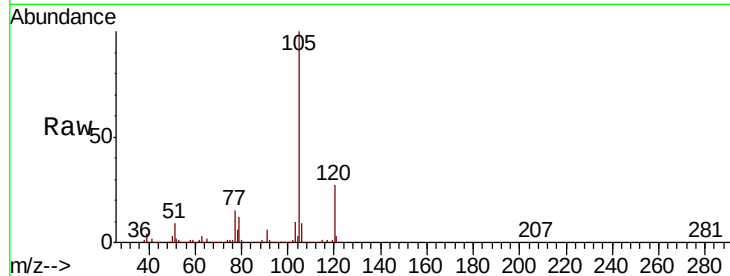
120 26.5 13.4 40.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1200000

1000000

800000

600000

400000

200000

0

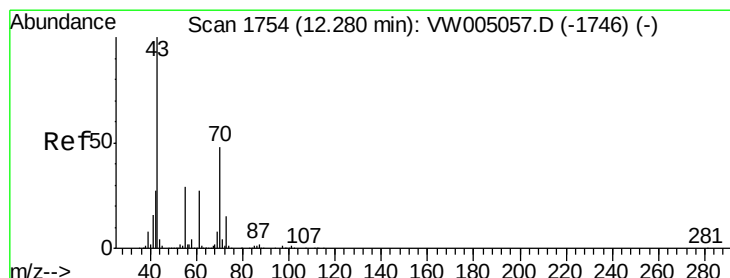
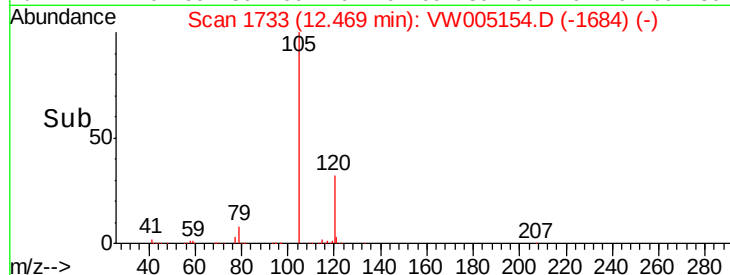
12.47

12.40

12.50

12.60

Time-->



#74

N-ethyl acetate

Concen: 62.83 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Tgt Ion: 43 Resp: 304729

Ion Ratio Lower Upper

43 100

70 45.3 38.2 57.4

55 27.7 23.2 34.8

61 25.6 20.6 31.0

Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

300000

250000

200000

150000

100000

50000

0

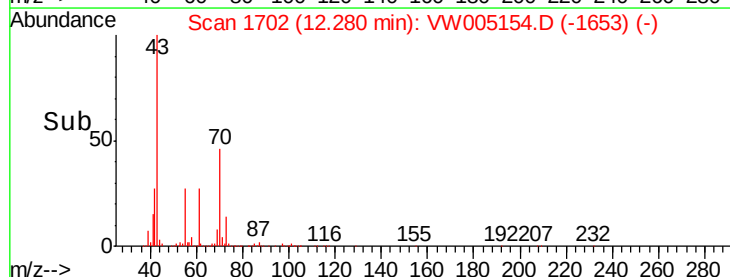
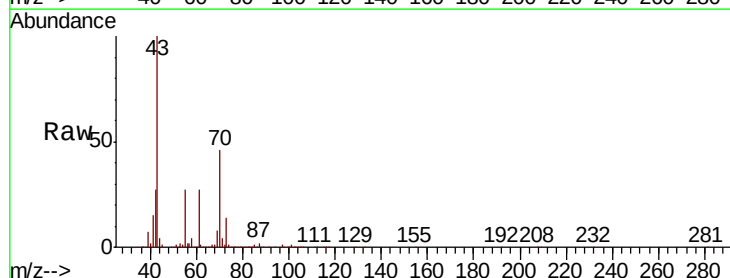
12.28

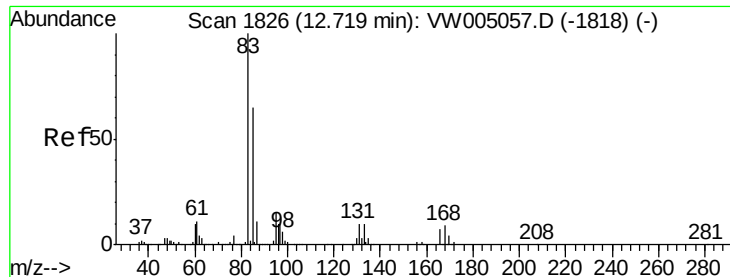
12.20

12.30

12.40

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 54.86 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Instrument :

MSVOA_W

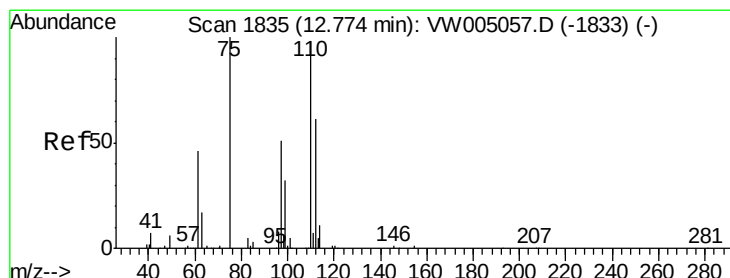
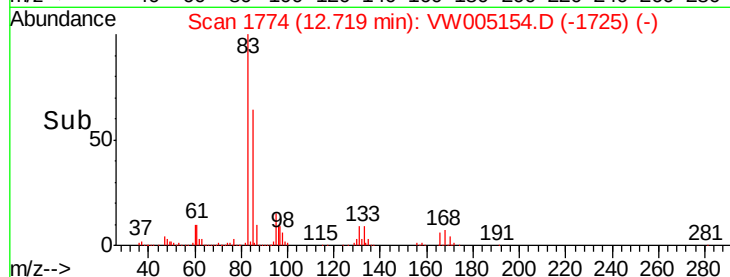
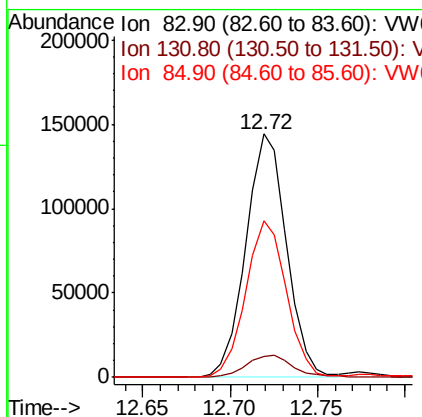
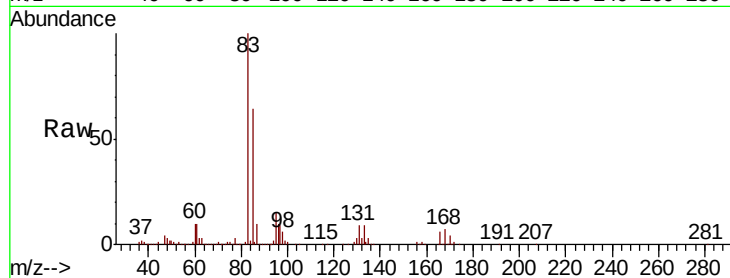
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	235242
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.5	16.4
85	64.2	32.5	97.4

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#76

1,2,3-Trichloropropane

Concen: 54.31 ug/l m

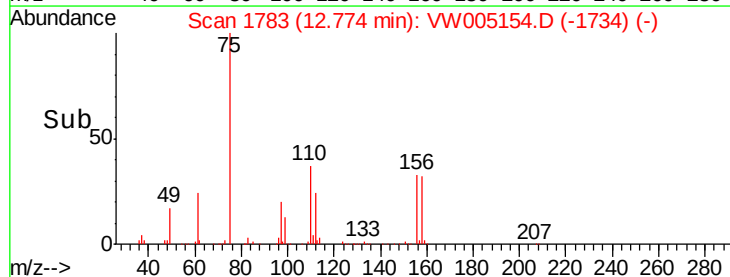
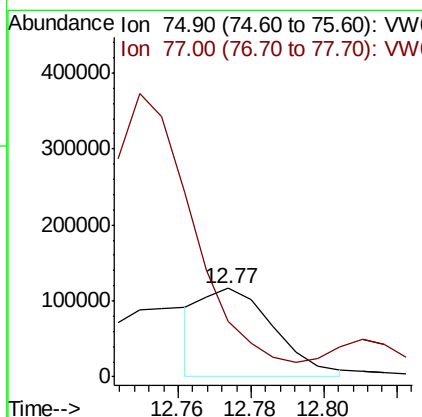
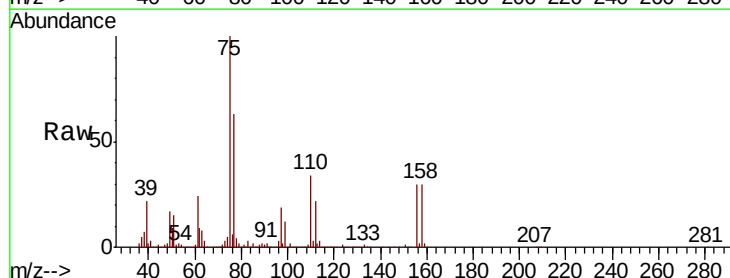
RT: 12.77 min Scan# 1783

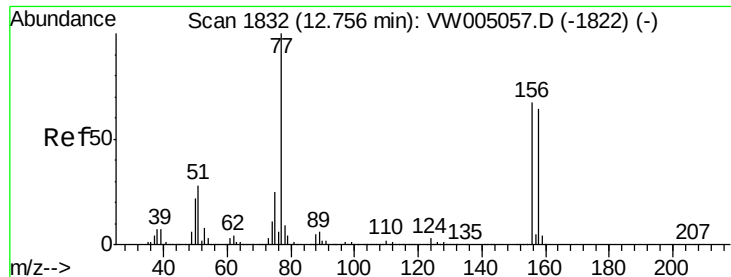
Delta R.T. -0.00 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Tgt Ion:	75	Resp:	162842
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 53.16 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Instrument :

MSVOA_W

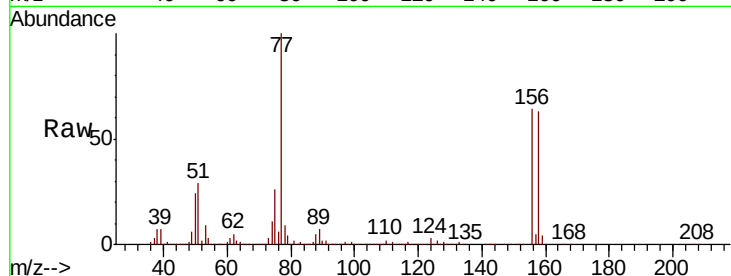
ClientSampled :

VSTDCCC050

Tot Ion:	156	Resp:	368953
Ion Ratio	Lower	Upper	
156	100		
77	178.3	85.8	257.4
158	97.6	48.1	144.4

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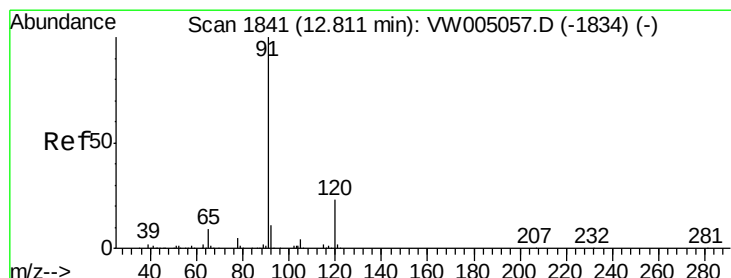
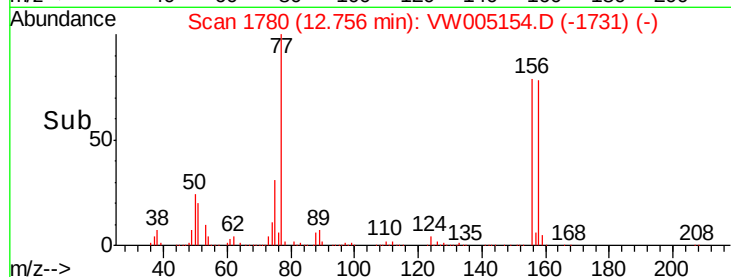
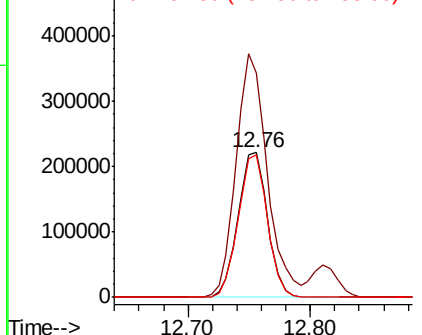
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 58.77 ug/l

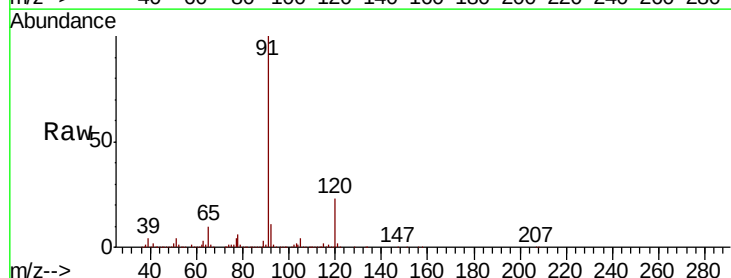
RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005154.D

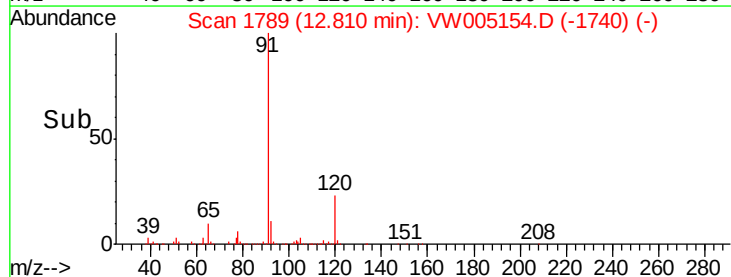
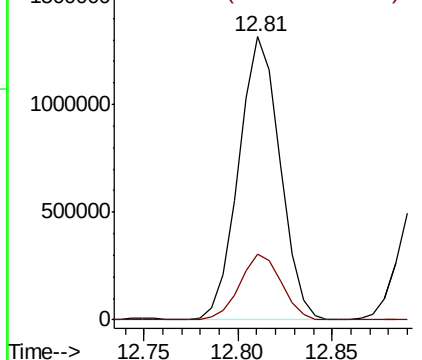
Acq: 06 Sep 2018 10:47

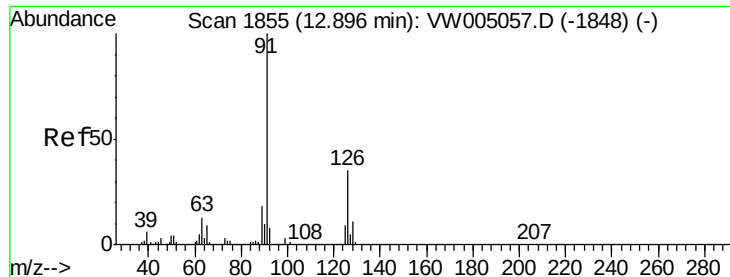
Tgt Ion:	91	Resp:	1998558
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.8	35.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 56.09 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 1112786

Ion Ratio Lower Upper

91 100

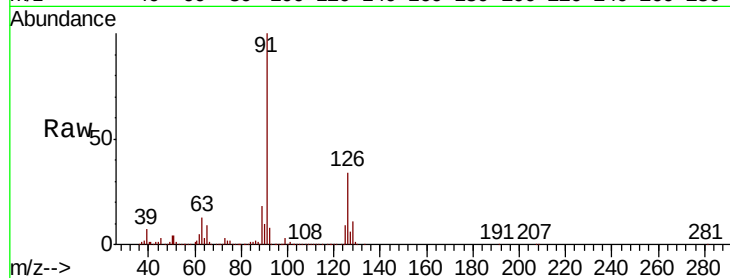
126 34.0 17.3 52.0

Manual Integrations

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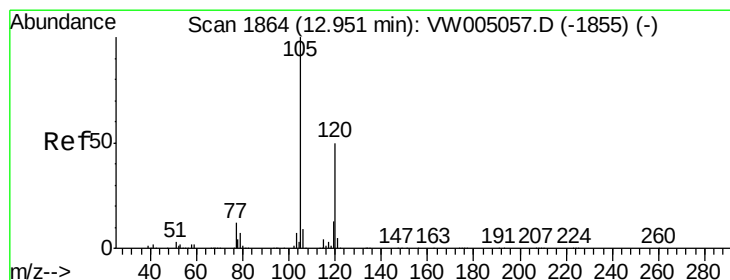
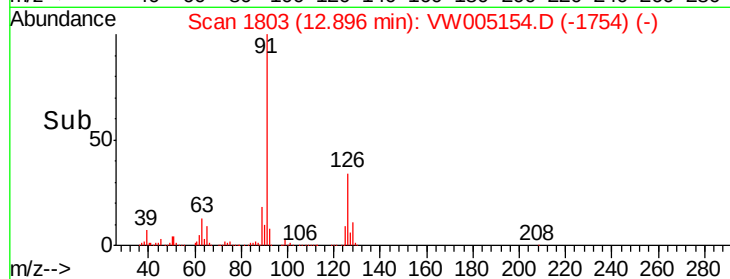
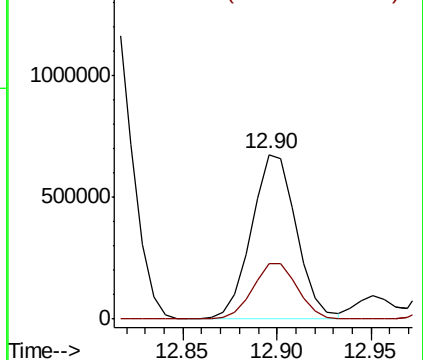
apatel

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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: 57.11 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005154.D

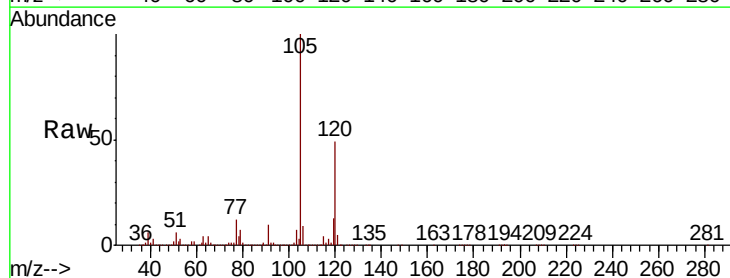
Acq: 06 Sep 2018 10:47

Tgt Ion: 105 Resp: 1391112

Ion Ratio Lower Upper

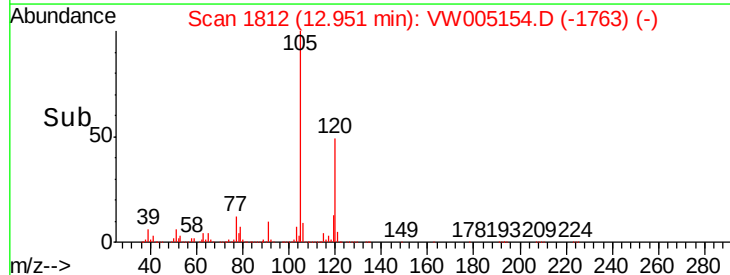
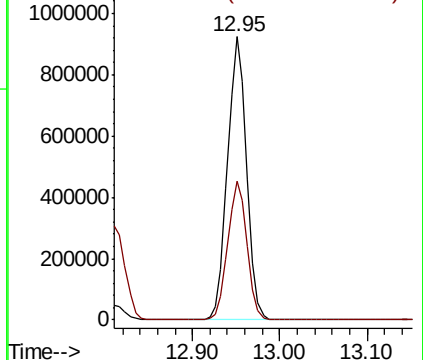
105 100

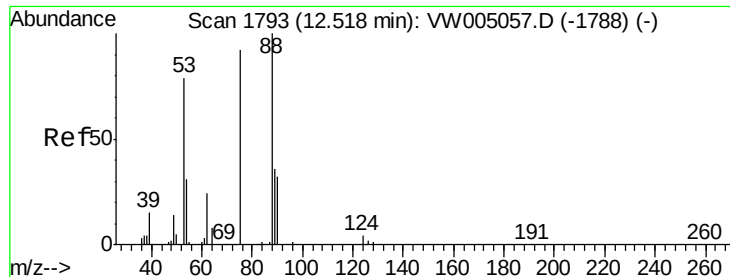
120 49.5 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





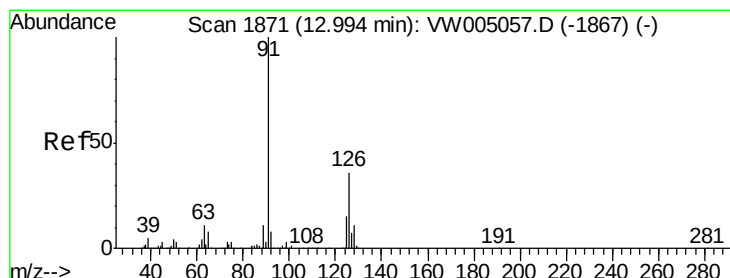
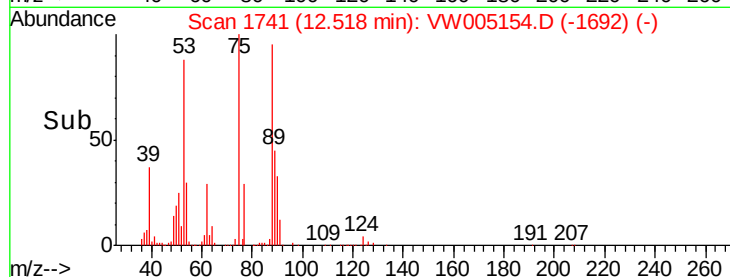
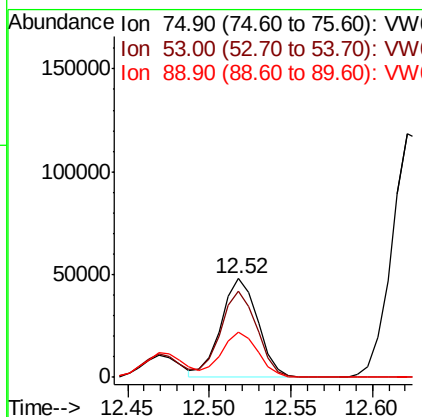
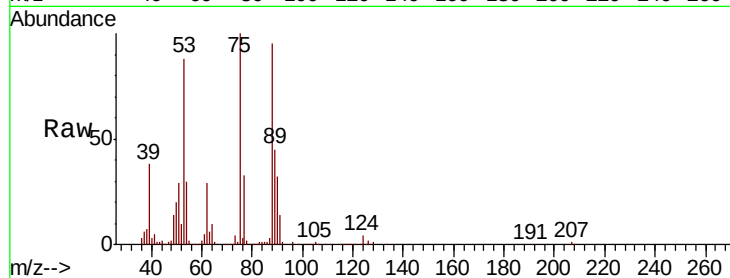
#81
trans-1,4-Dichloro-2-butene
Concen: 60.72 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	86.4	69.8	104.8
89	45.0	36.0	54.0

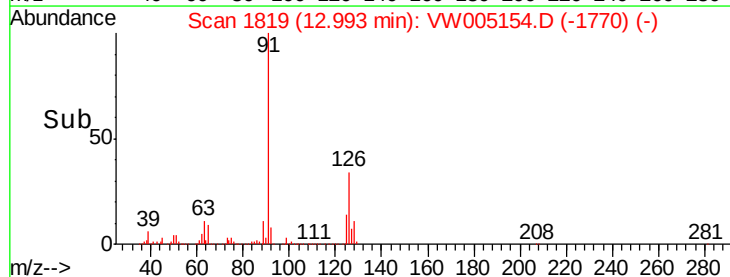
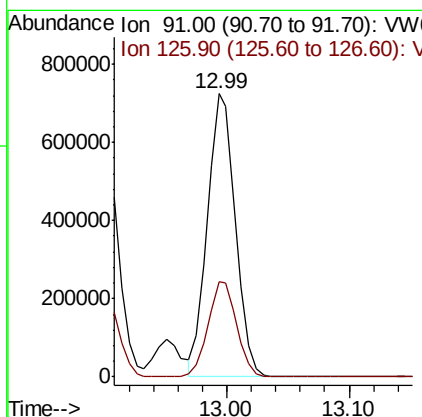
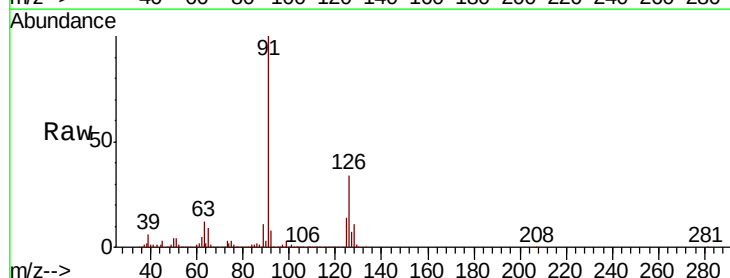
Manual Integrations
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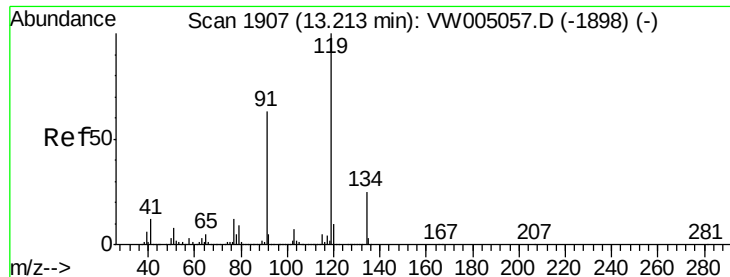
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#82
4-Chlorotoluene
Concen: 55.01 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.5	17.4	52.3





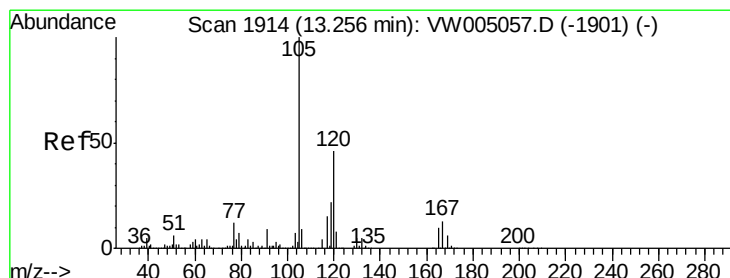
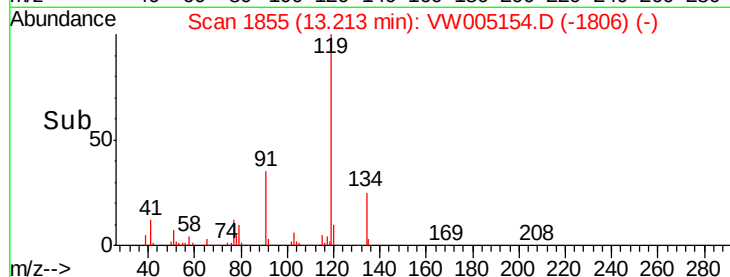
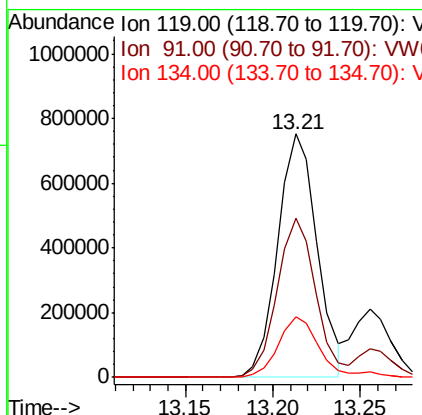
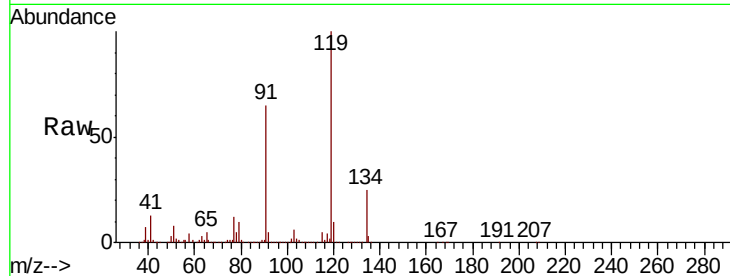
#83
 tert-Butylbenzene
 Concen: 58.15 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW005154.D
 Acq: 06 Sep 2018 10:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.7	31.8	95.4
134	26.3	13.0	39.0

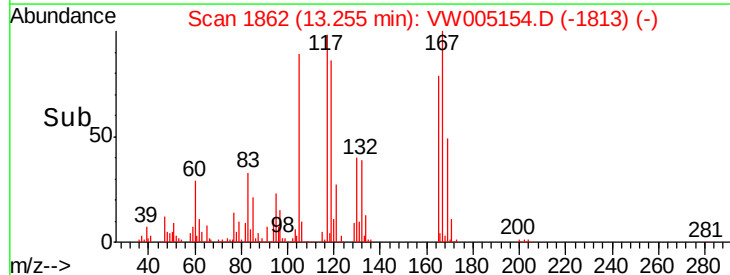
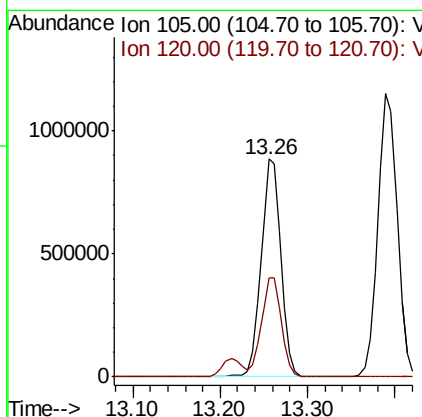
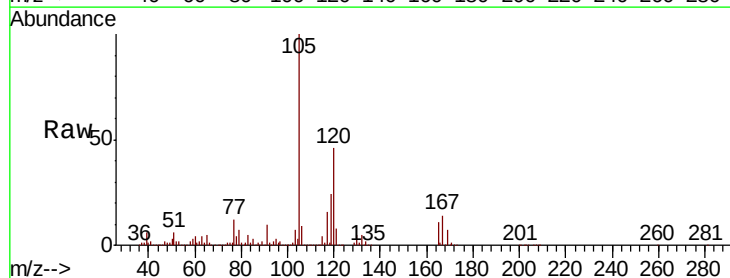
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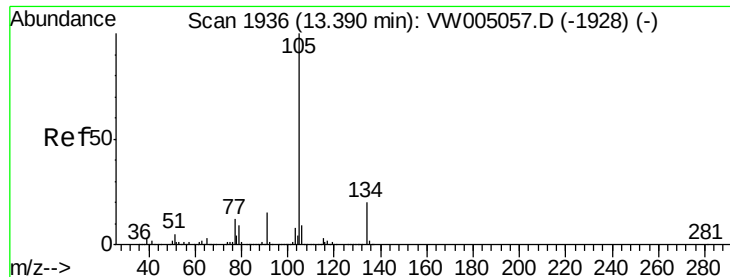
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#84
 1,2,4-Trimethylbenzene
 Concen: 56.38 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW005154.D
 Acq: 06 Sep 2018 10:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	23.1	69.3





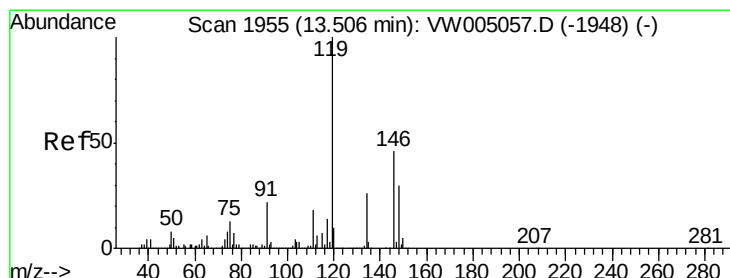
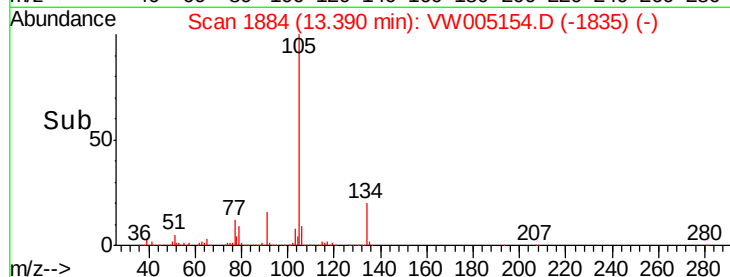
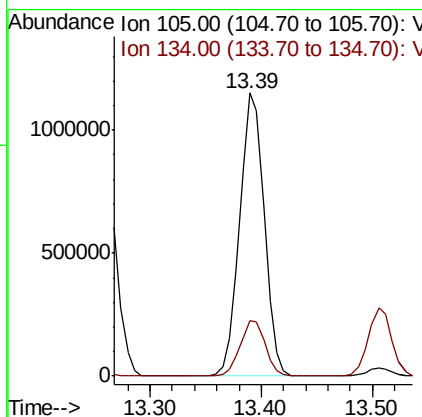
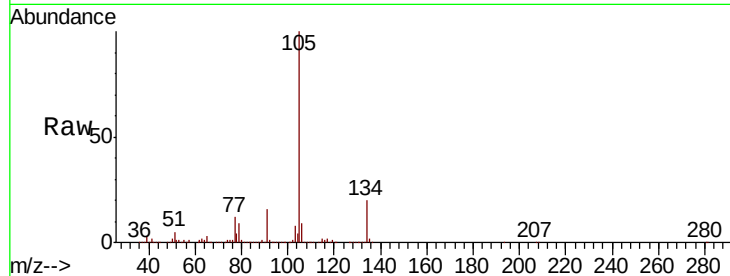
#85
 sec-Butylbenzene
 Concen: 58.92 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005154.D
 Acq: 06 Sep 2018 10:47

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion:105 Resp: 1761430
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.3

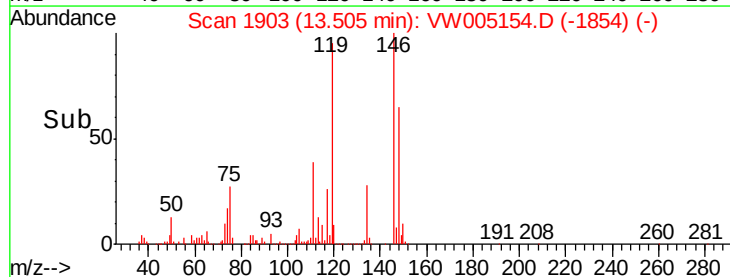
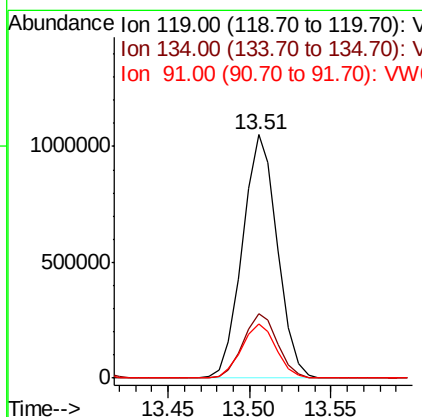
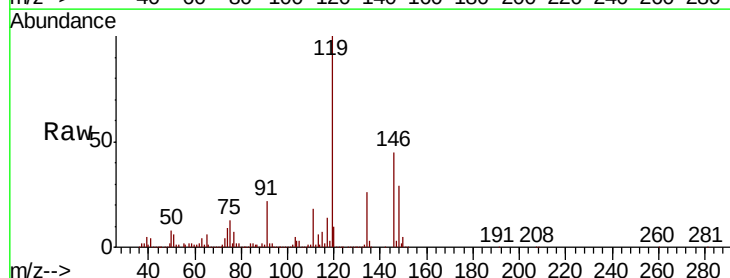
Manual Integrations
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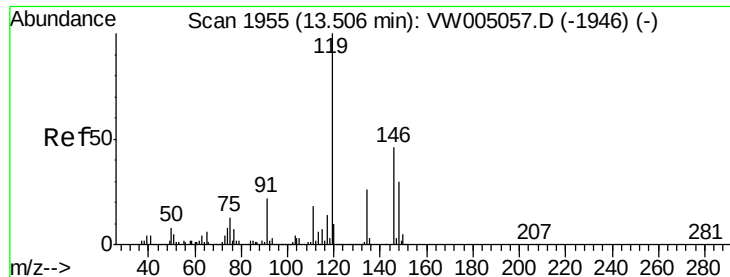
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#86
 p-Isopropyltoluene
 Concen: 58.96 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005154.D
 Acq: 06 Sep 2018 10:47

Tgt Ion:119 Resp: 1560386
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.3 39.8
 91 22.0 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 53.21 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005154.D

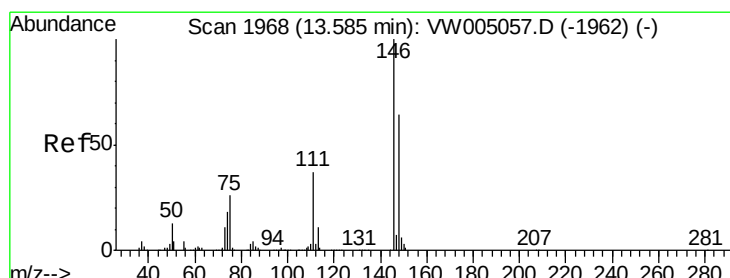
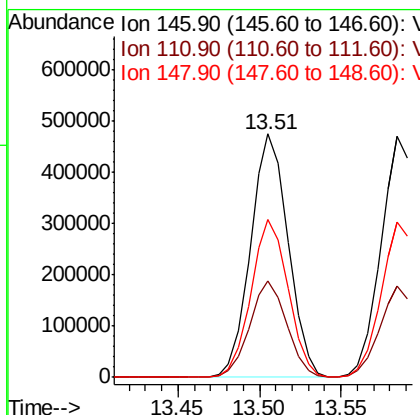
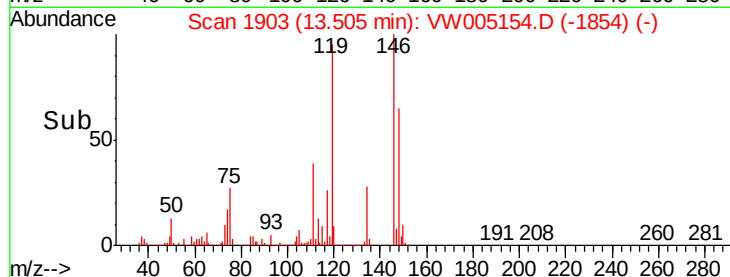
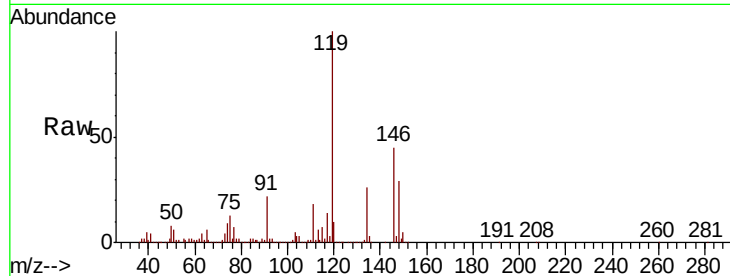
Acq: 06 Sep 2018 10:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.2	57.6
148	64.2	31.9	95.7

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#88

1,4-Dichlorobenzene

Concen: 52.59 ug/l

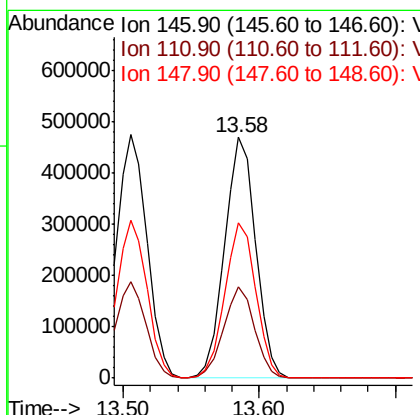
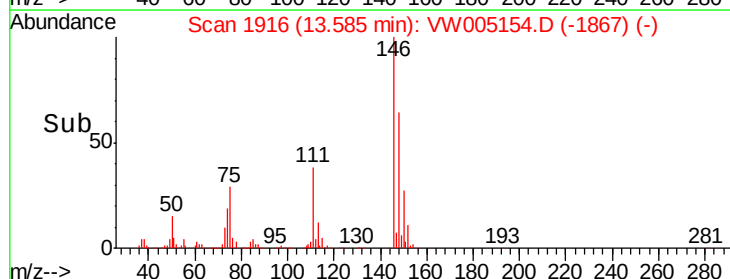
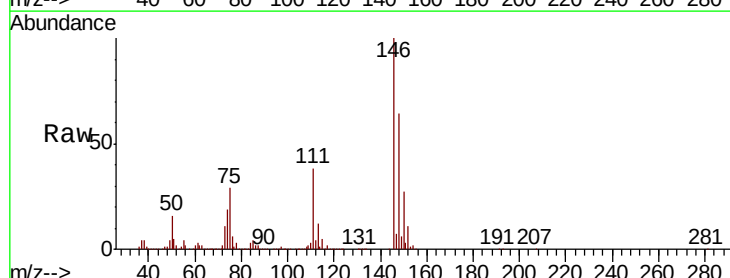
RT: 13.58 min Scan# 1916

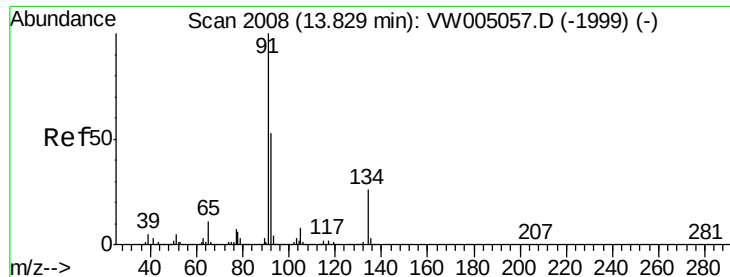
Delta R.T. -0.00 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.6	56.0
148	64.4	32.0	96.0





#89

n-Butylbenzene

Concen: 60.68 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW005154.D

Acq: 06 Sep 2018 10:47

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 1488239

Ion Ratio Lower Upper

91 100

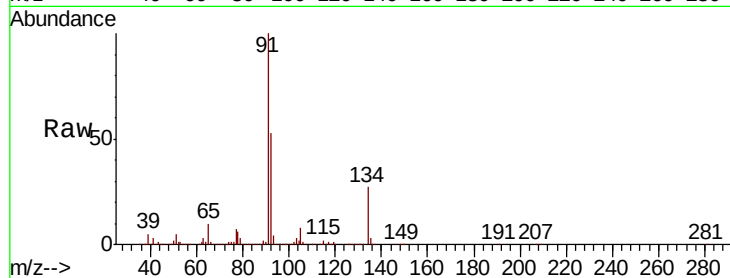
92 53.2 26.5 79.5

134 26.2 13.5 40.4

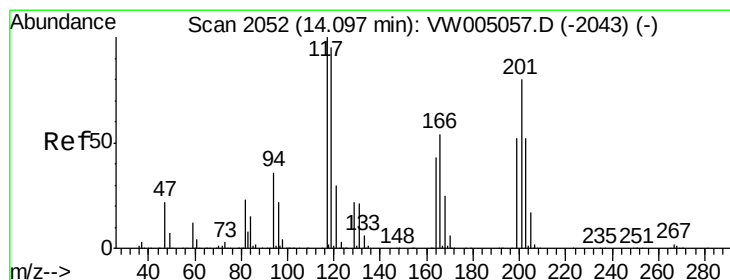
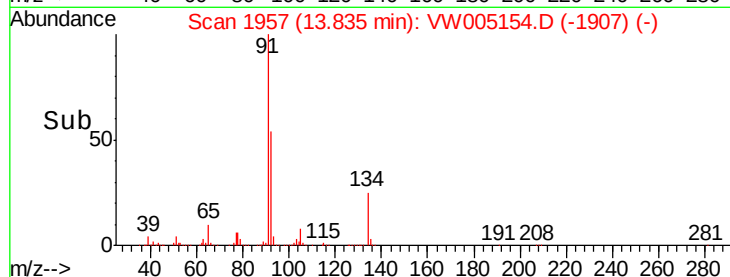
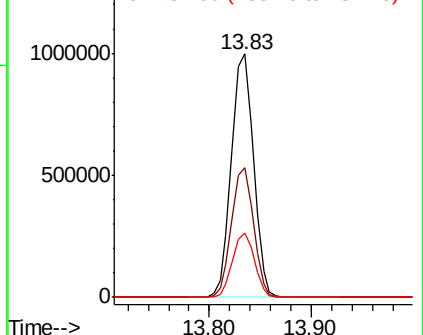
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Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 55.25 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW005154.D

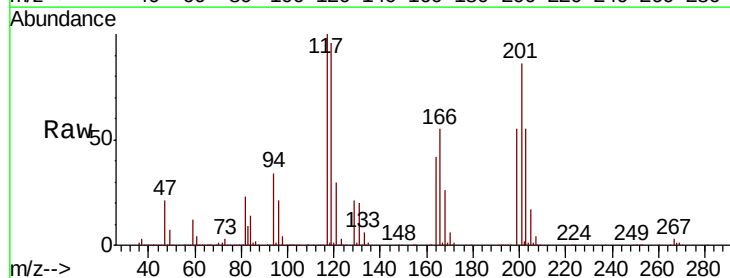
Acq: 06 Sep 2018 10:47

Tgt Ion: 117 Resp: 242855

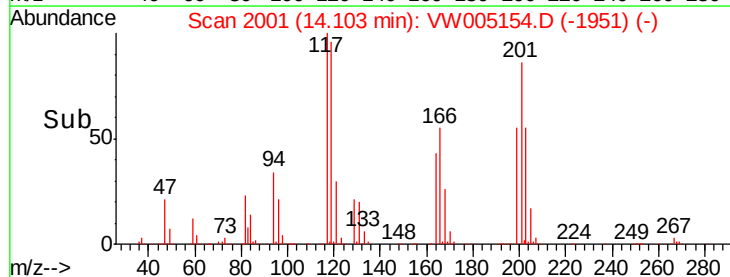
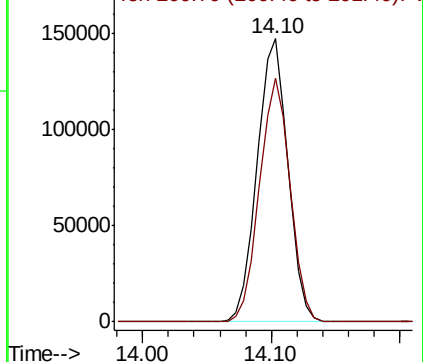
Ion Ratio Lower Upper

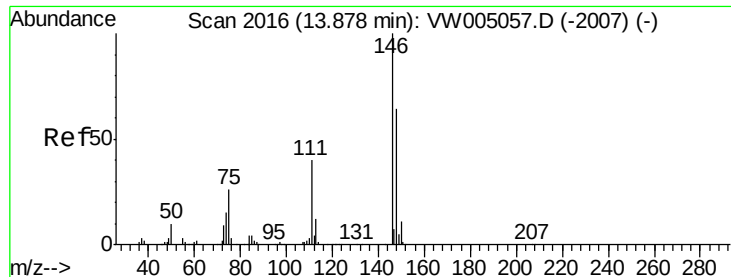
117 100

201 85.5 44.6 133.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





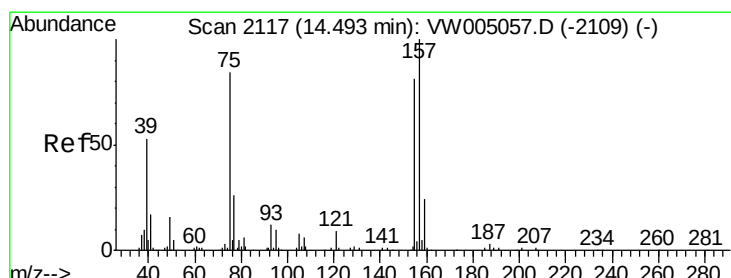
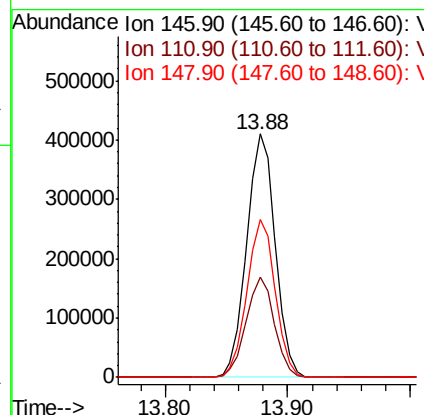
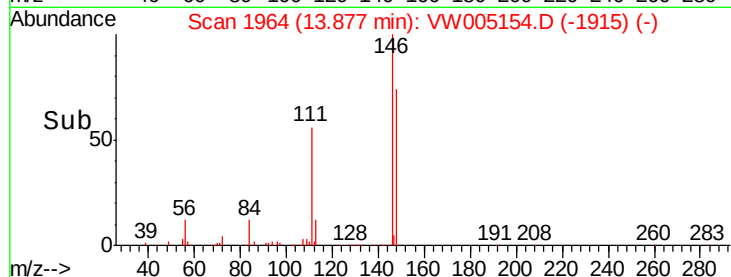
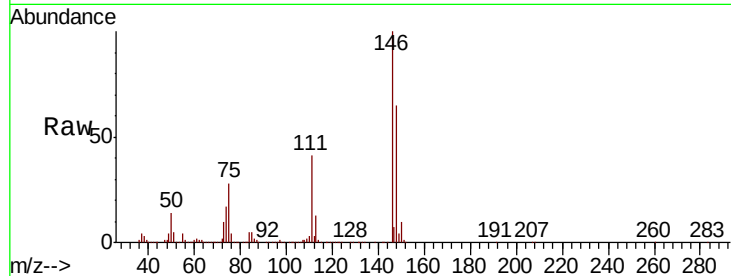
#91
 1,2-Dichlorobenzene
 Concen: 53.60 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005154.D
 Acq: 06 Sep 2018 10:47

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.9	59.7
148	64.1	31.9	95.9

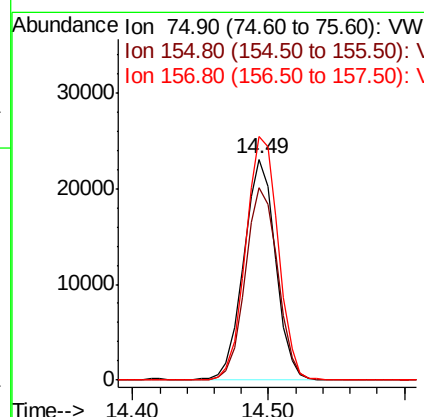
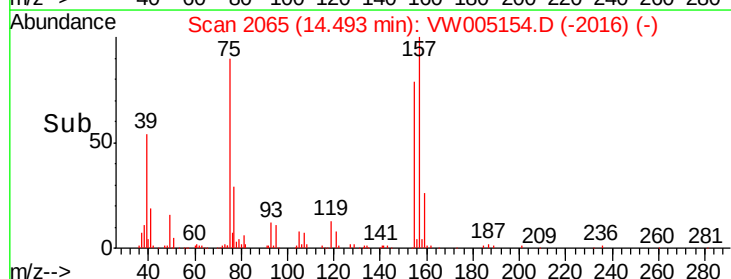
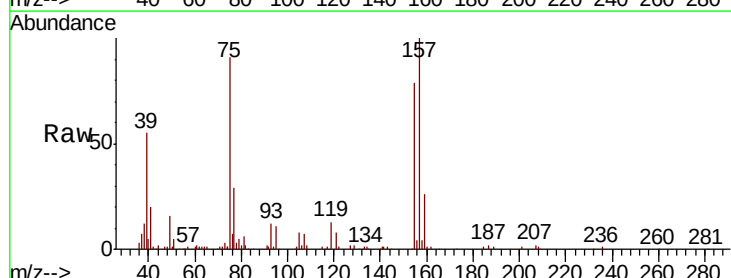
Manual Integrations
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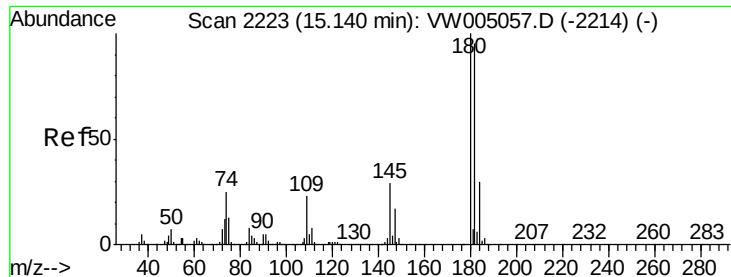
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.34 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005154.D
 Acq: 06 Sep 2018 10:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.6	46.0	137.8
157	112.7	58.6	175.7





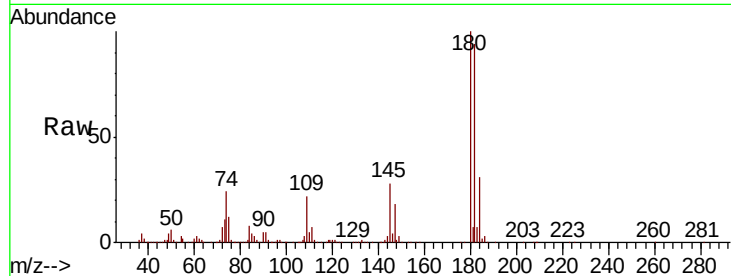
#93
 1,2,4-Trichlorobenzene
 Concen: 55.91 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VW005154.D
 Acq: 06 Sep 2018 10:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

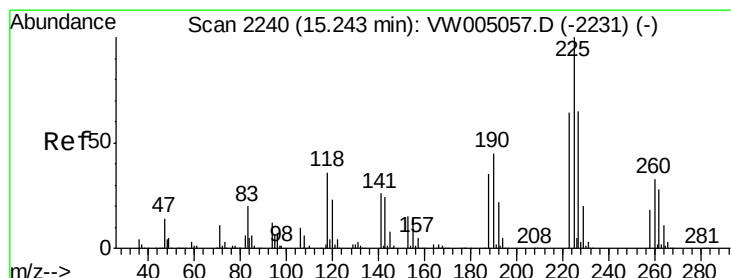
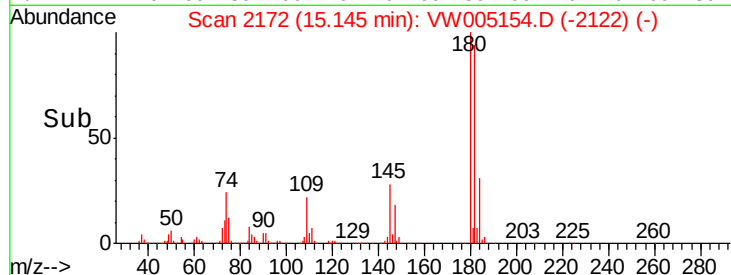
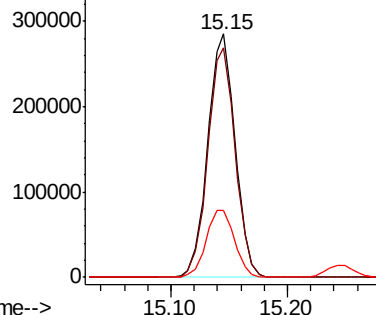
Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.7	47.5	142.6	
145	28.7	14.4	43.2	

Manual Integrations
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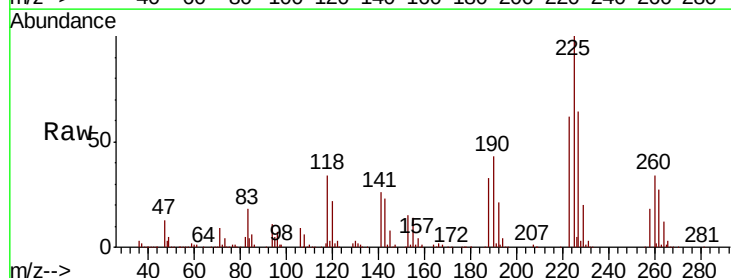


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

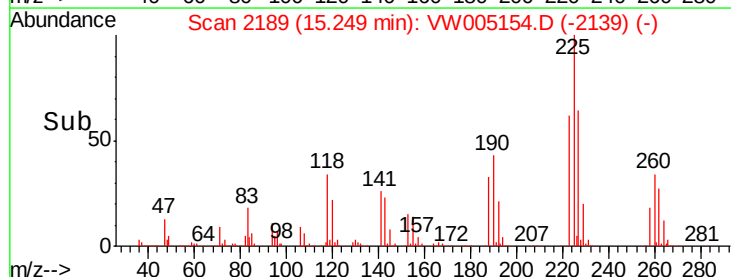
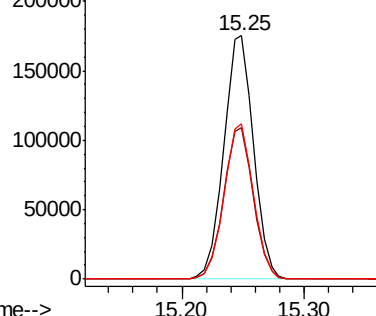


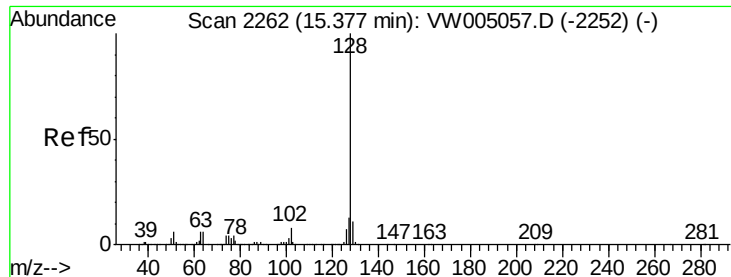
#94
 Hexachlorobutadiene
 Concen: 57.16 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: VW005154.D
 Acq: 06 Sep 2018 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.3	31.4	94.3	
227	63.0	32.0	96.0	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





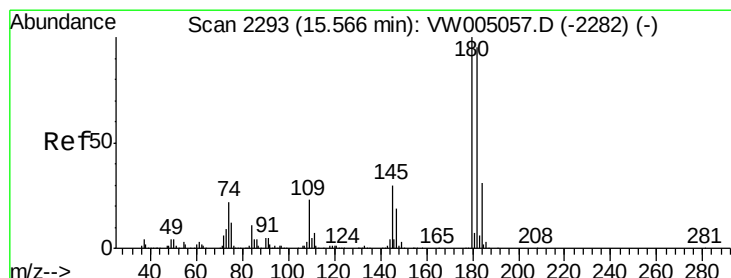
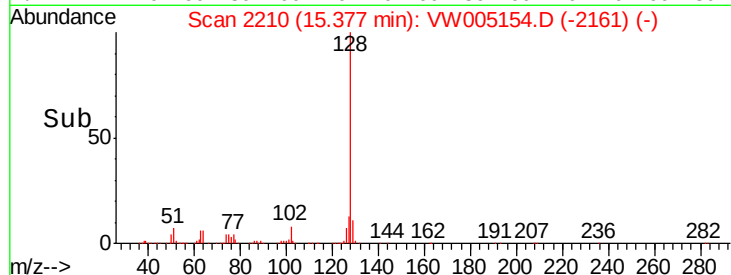
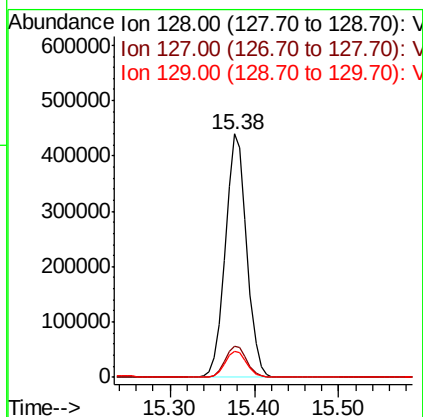
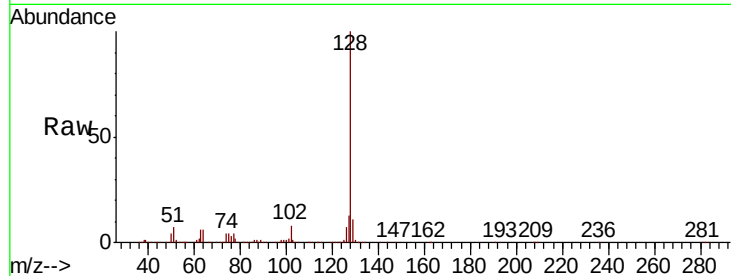
#95
Naphthalene
Concen: 52.69 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	762259		
127	13.1		10.4	15.6
129	11.0		8.7	13.1

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 55.87 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005154.D
Acq: 06 Sep 2018 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	398391		
182	95.5		47.4	142.3
145	31.0		15.4	46.1

