

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100818\
 Data File : VW005886.D
 Acq On : 08 Oct 2018 10:31
 Operator : SY/AP
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Manual Integrations
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Quant Time: Oct 09 02:04:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 01:57:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	388385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	568012	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	515078	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	274910	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	19431	5.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.30%	
35) Dibromofluoromethane	7.89	113	18503	5.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.20%	
50) Toluene-d8	10.33	98	69138	4.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.92%	
62) 4-Bromofluorobenzene	12.62	95	27260	5.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.02	85	9306	4.89	ug/l	98
3) Chloromethane	2.21	50	13260	5.92	ug/l	96
4) Vinyl Chloride	2.37	62	18467	5.20	ug/l	100
5) Bromomethane	2.79	94	14136	5.04	ug/l	92
6) Chloroethane	2.93	64	10946	4.83	ug/l	98
7) Trichlorofluoromethane	3.26	101	13545	4.80	ug/l	96
8) Diethyl Ether	3.68	74	9546	5.50	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	4.06	101	19033	5.35	ug/l	99
10) Methyl Iodide	4.27	142	30589	5.25	ug/l	98
11) Tert butyl alcohol	5.20	59	8484	30.70	ug/l #	94
12) 1,1-Dichloroethene	4.04	96	18297	5.35	ug/l	96
13) Acrolein	3.90	56	6827	27.72	ug/l #	80
14) Allyl chloride	4.67	41	31927	5.48	ug/l	97
15) Acrylonitrile	5.38	53	19850	26.27	ug/l	96
16) Acetone	4.14	43	20891	27.74	ug/l	98
17) Carbon Disulfide	4.37	76	55942	5.41	ug/l	99
18) Methyl Acetate	4.68	43	10154	5.34	ug/l #	87
19) Methyl tert-butyl Ether	5.43	73	27652	5.20	ug/l	97
20) Methylene Chloride	4.92	84	23437	6.21	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	19082	5.12	ug/l	93
22) Diisopropyl ether	6.32	45	56109	5.15	ug/l	99
23) Vinyl Acetate	6.26	43	167647	24.99	ug/l	100
24) 1,1-Dichloroethane	6.21	63	34444	5.16	ug/l	99
25) 2-Butanone	7.18	43	28735	26.83	ug/l	94
26) 2,2-Dichloropropane	7.17	77	27311	5.82	ug/l	92
27) cis-1,2-Dichloroethene	7.17	96	21555	5.11	ug/l	94
28) Bromochloromethane	7.52	49	13938	5.66	ug/l #	98
29) Tetrahydrofuran	7.54	42	18689	27.60	ug/l	99
30) Chloroform	7.68	83	35000	5.11	ug/l	97
31) Cyclohexane	7.95	56	40554	6.14	ug/l #	90
32) 1,1,1-Trichloroethane	7.88	97	32210	5.28	ug/l	98
36) 1,1-Dichloropropene	8.09	75	28603	5.26	ug/l	98
37) Ethyl Acetate	7.26	43	11699	5.08	ug/l #	92
38) Carbon Tetrachloride	8.07	117	30274	5.18	ug/l	99

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

39) Methylcyclohexane	9.34	83	37810	5.27	ug/l	97
40) Benzene	8.33	78	77314	5.19	ug/l	100
41) Methacrylonitrile	7.49	41	8298	5.75	ug/l	93
42) 1,2-Dichloroethane	8.40	62	23581	5.24	ug/l	98
43) Isopropyl Acetate	8.43	43	24680	5.13	ug/l	99
44) Trichloroethene	9.09	130	21818	5.05	ug/l	97
45) 1,2-Dichloropropane	9.37	63	19346	5.19	ug/l	96
46) Dibromomethane	9.46	93	10622	5.18	ug/l	97
47) Bromodichloromethane	9.65	83	26019	5.05	ug/l	99
48) Methyl methacrylate	9.44	41	11820	5.15	ug/l	99
49) 1,4-Dioxane	9.46	88	3163	101.61	ug/l #	85
51) 4-Methyl-2-Pentanone	10.21	43	59135	25.22	ug/l	99
52) Toluene	10.39	92	50068	5.12	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	27176	5.04	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	31095	5.13	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	15301	5.39	ug/l	97
56) Ethyl methacrylate	10.65	69	19695	5.15	ug/l	97
57) 1,3-Dichloropropane	10.93	76	24740	5.18	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	43591	28.00	ug/l	100
59) 2-Hexanone	10.98	43	42168	25.08	ug/l	97
60) Dibromochloromethane	11.13	129	18201	4.97	ug/l	98
61) 1,2-Dibromoethane	11.24	107	14486	5.11	ug/l	96
64) Tetrachloroethene	10.87	164	20283	5.29	ug/l	99
65) Chlorobenzene	11.66	112	56635	5.13	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	19822	4.90	ug/l	97
67) Ethyl Benzene	11.74	91	100072	5.14	ug/l	98
68) m/p-Xylenes	11.84	106	77631	10.19	ug/l	98
69) o-Xylene	12.17	106	37078	5.09	ug/l	99
70) Styrene	12.18	104	60906	5.03	ug/l	100
71) Bromoform	12.35	173	11823	4.91	ug/l #	100
73) Isopropylbenzene	12.47	105	103077	5.13	ug/l	100
74) N-amyl acetate	12.28	43	24278	5.09	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	16907	5.14	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	10655m	2.53	ug/l	
77) Bromobenzene	12.75	156	23923	5.03	ug/l	96
78) n-propylbenzene	12.81	91	123372	5.22	ug/l	100
79) 2-Chlorotoluene	12.90	91	69100	5.18	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	87240	5.15	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	6119	5.26	ug/l	97
82) 4-Chlorotoluene	12.99	91	71847	5.12	ug/l	100
83) tert-Butylbenzene	13.21	119	76027	5.04	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	87777	5.13	ug/l	98
85) sec-Butylbenzene	13.39	105	108162	5.11	ug/l	100
86) p-Isopropyltoluene	13.51	119	97189	5.11	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	47978	5.08	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	47938	5.10	ug/l	93
89) n-Butylbenzene	13.83	91	92500	5.16	ug/l	100
90) Hexachloroethane	14.10	117	18443	5.15	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	42913	5.11	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3236	5.28	ug/l	98

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MSVOA_W
ClientSampleId :
VSTDICC005

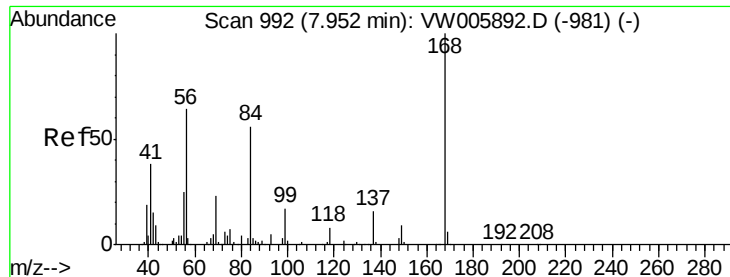
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	33605	5.17	ug/l	98
94) Hexachlorobutadiene	15.24	225	20288	5.00	ug/l	99
95) Naphthalene	15.38	128	56772	5.06	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	28388	5.04	ug/l	100

(#) = 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. -0.00 min

Lab File: VW005886.D

Acq: 08 Oct 2018 10:31

Instrument :

MSVOA_W

ClientSampled :

VSTDIC005

Tgt Ion: 168 Resp: 388385

Ion Ratio Lower Upper

168 100

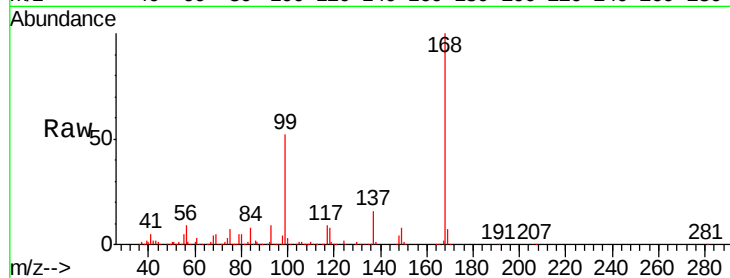
99 51.6 40.9 61.3

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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

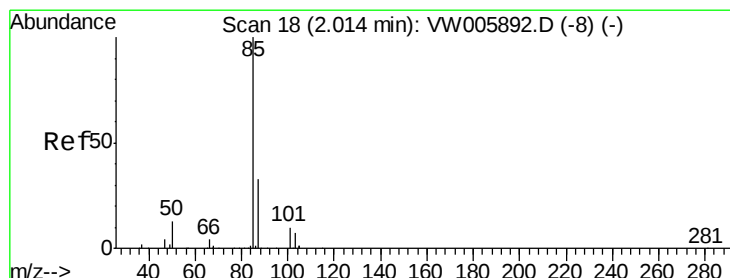
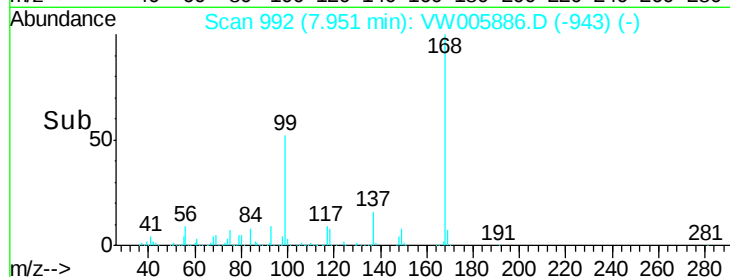
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 4.89 ug/l

RT: 2.02 min Scan# 19

Delta R.T. 0.01 min

Lab File: VW005886.D

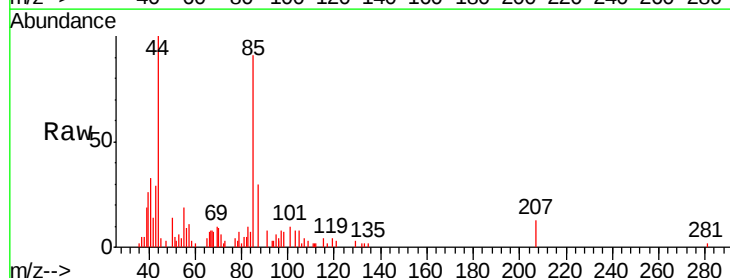
Acq: 08 Oct 2018 10:31

Tgt Ion: 85 Resp: 9306

Ion Ratio Lower Upper

85 100

87 34.5 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.02

3000

2500

2000

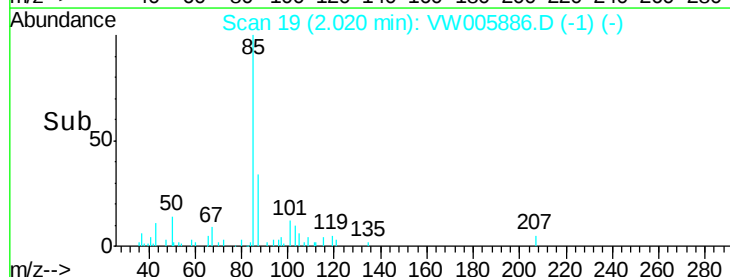
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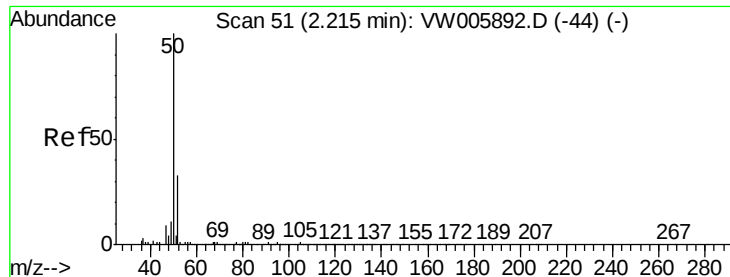
1000

500

0

Time-->





#3

Chloromethane

Concen: 5.92 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005886.D

Acq: 08 Oct 2018 10:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion: 50 Resp: 13260

Ion Ratio Lower Upper

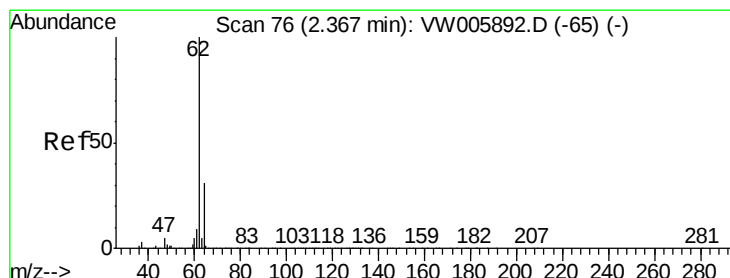
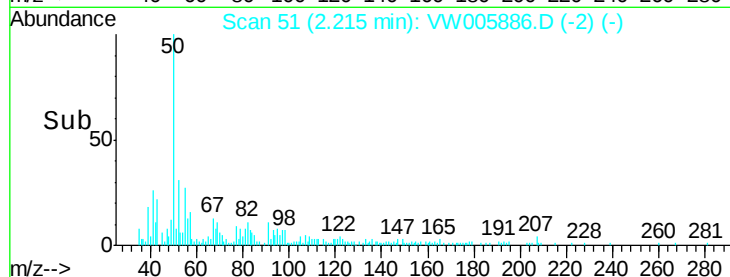
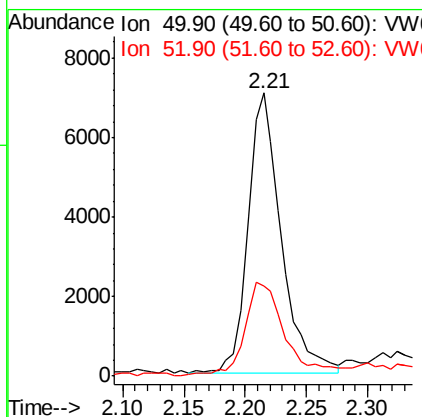
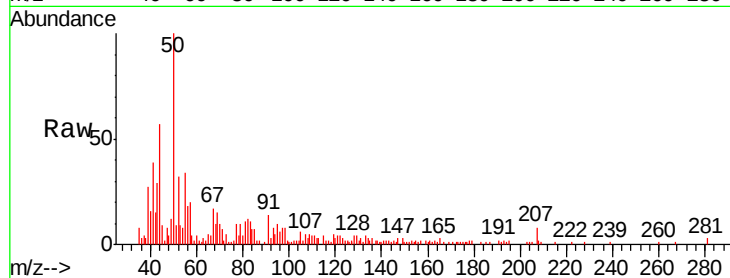
50 100

52 31.3 26.7 40.1

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#4

Vinyl Chloride

Concen: 5.20 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW005886.D

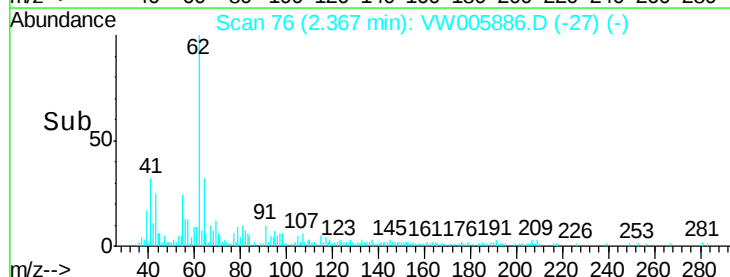
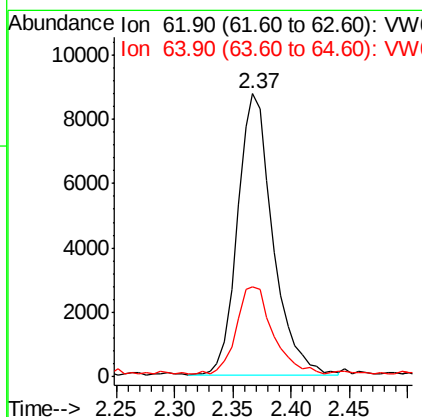
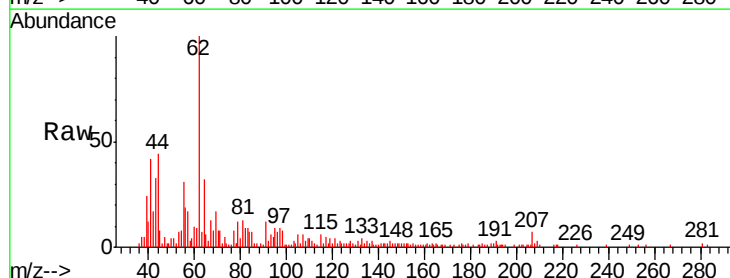
Acq: 08 Oct 2018 10:31

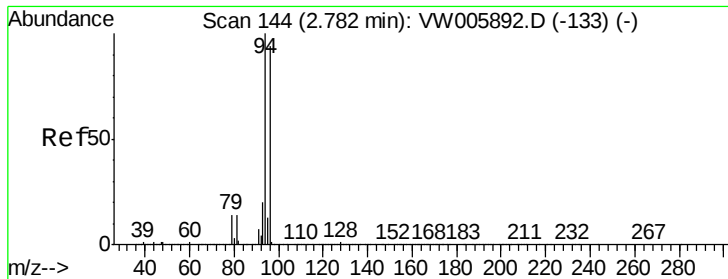
Tgt Ion: 62 Resp: 18467

Ion Ratio Lower Upper

62 100

64 31.0 24.6 36.8





#5

Bromomethane

Concen: 5.04 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.01 min

Lab File: VW005886.D

Acq: 08 Oct 2018 10:31

Instrument :

MSVOA_W

ClientSampled :

VSTDIC005

Tgt Ion: 94 Resp: 14136

Ion Ratio Lower Upper

94 100

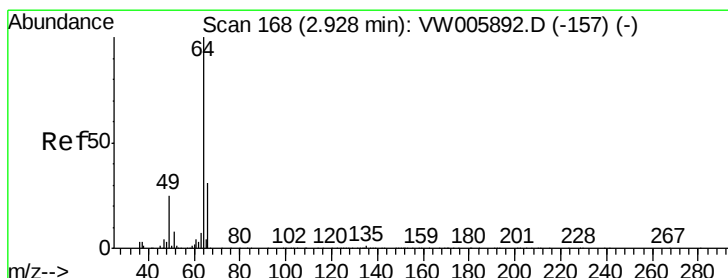
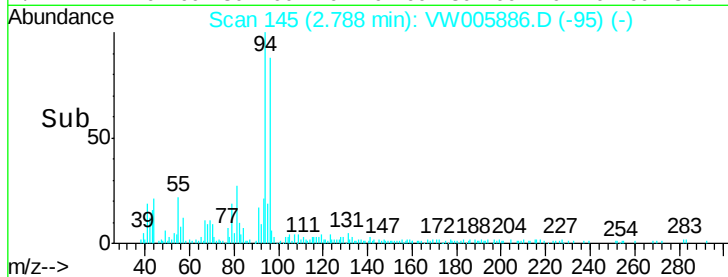
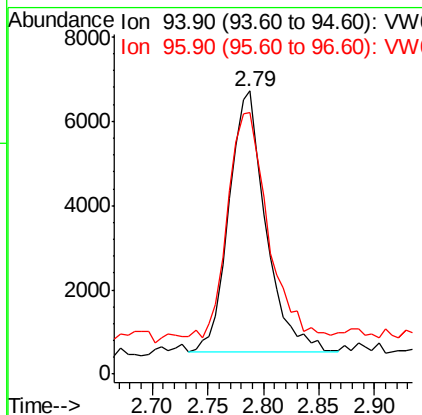
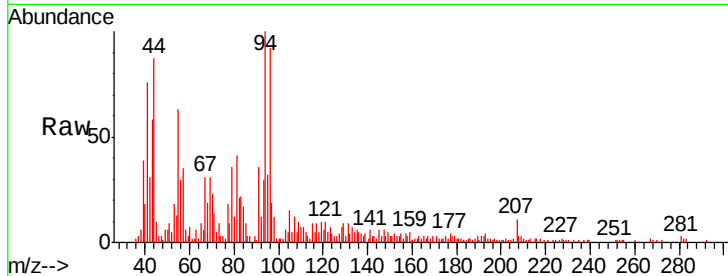
96 85.9 75.0 112.4

Manual Integrations

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#6

Chloroethane

Concen: 4.83 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW005886.D

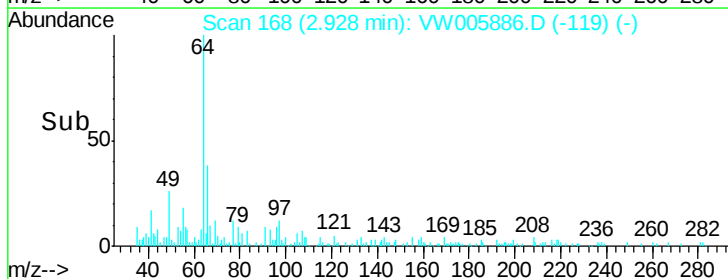
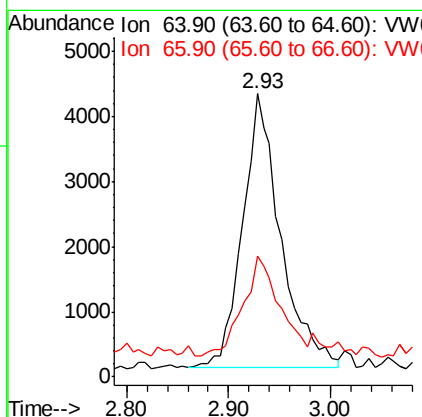
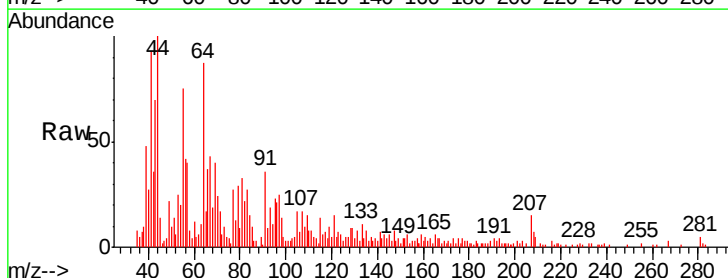
Acq: 08 Oct 2018 10:31

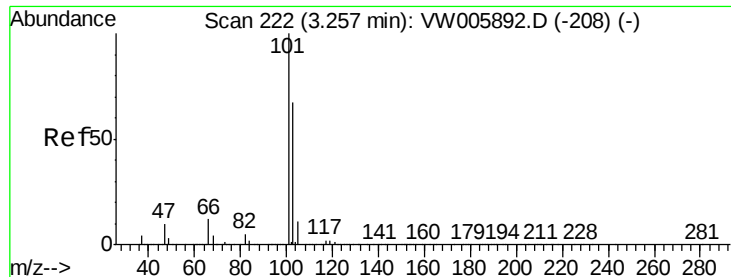
Tgt Ion: 64 Resp: 10946

Ion Ratio Lower Upper

64 100

66 32.4 25.0 37.4





#7

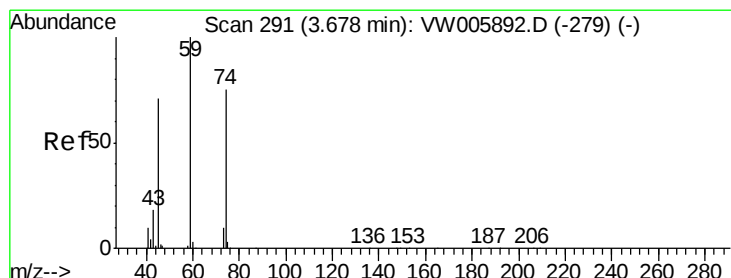
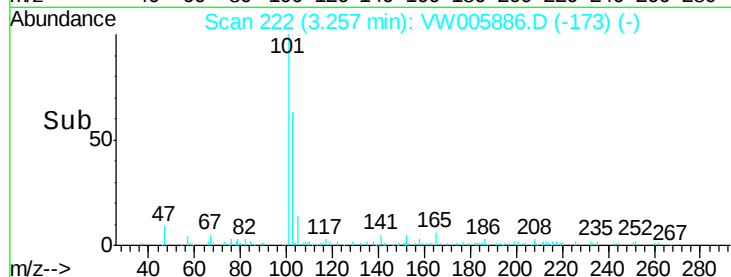
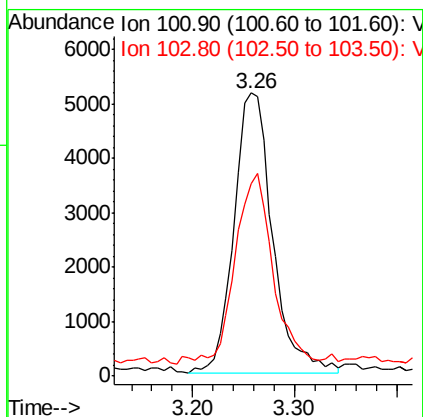
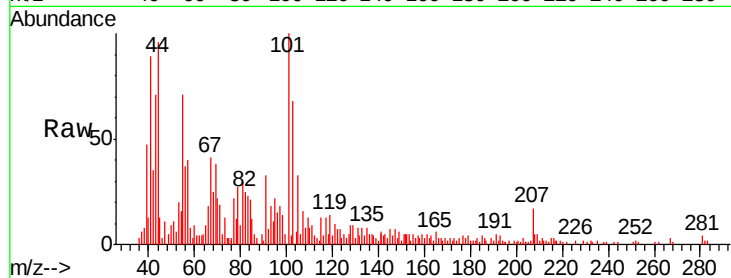
Trichlorofluoromethane
Concen: 4.80 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.00 min
Lab File: VW005886.D
Acq: 08 Oct 2018 10:31

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ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
101	100		
103	63.6	53.5	80.3

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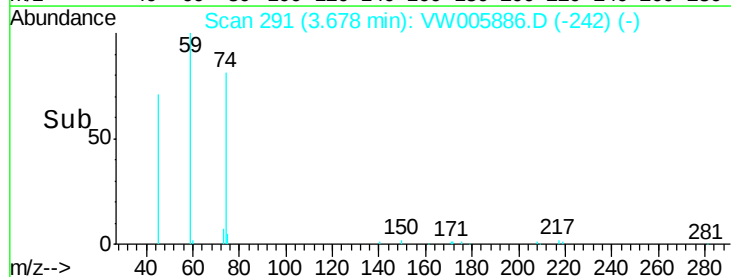
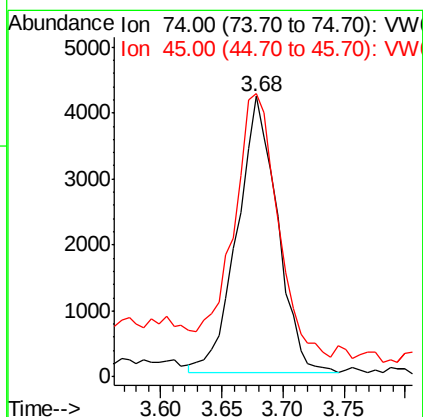
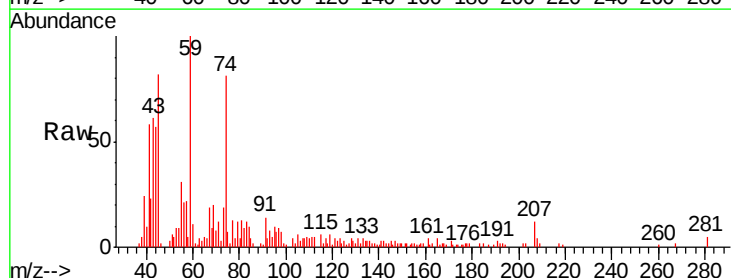
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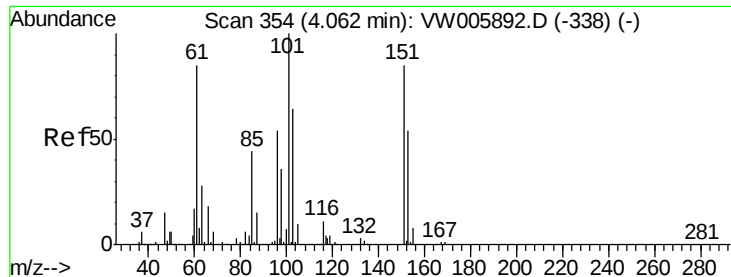


#8

Diethyl Ether
Concen: 5.50 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW005886.D
Acq: 08 Oct 2018 10:31

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.2	46.8	140.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.35 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW005886.D

Acq: 08 Oct 2018 10:31

Instrument :

MSVOA_W

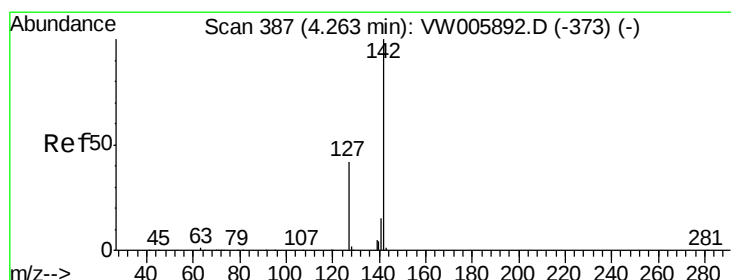
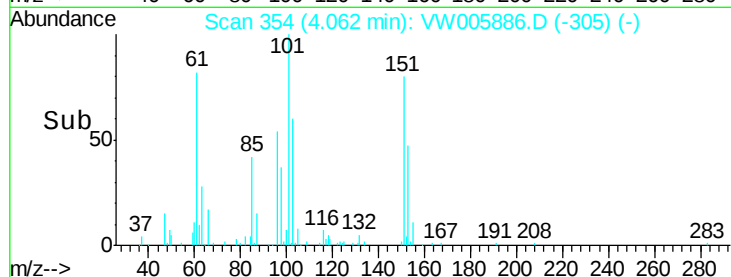
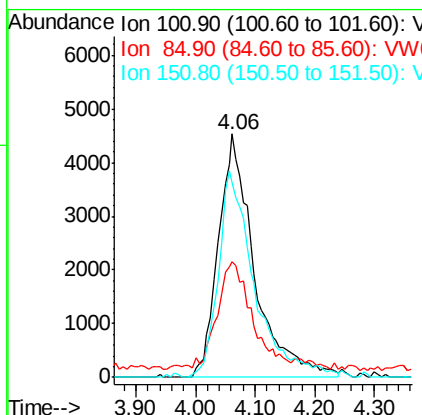
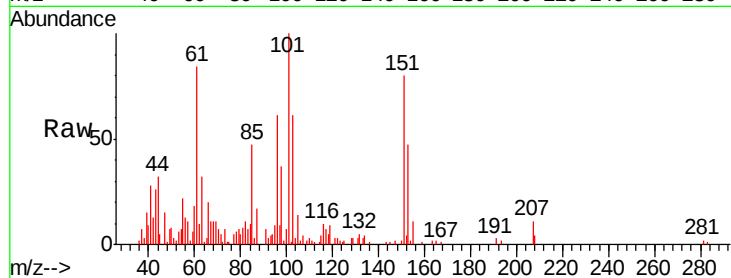
ClientSampleId :

VSTDIC005

Tgt Ion:	101	Resp:	19033
Ion Ratio	Lower	Upper	
101	100		
85	43.0	35.1	52.7
151	85.0	67.7	101.5

Manual Integrations
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#10

Methyl Iodide

Concen: 5.25 ug/l

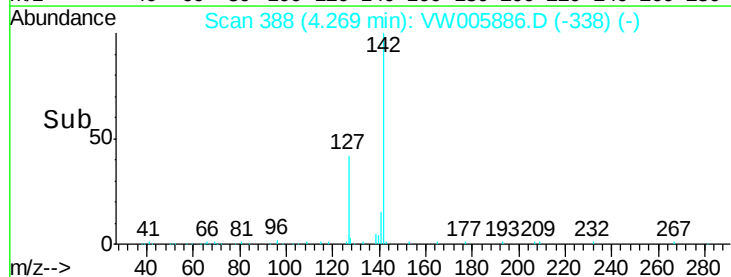
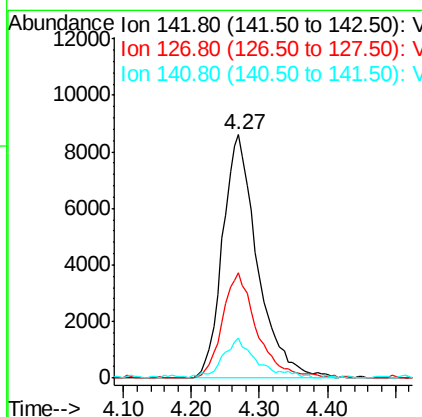
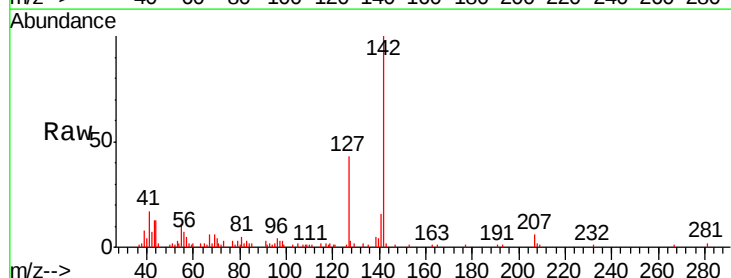
RT: 4.27 min Scan# 388

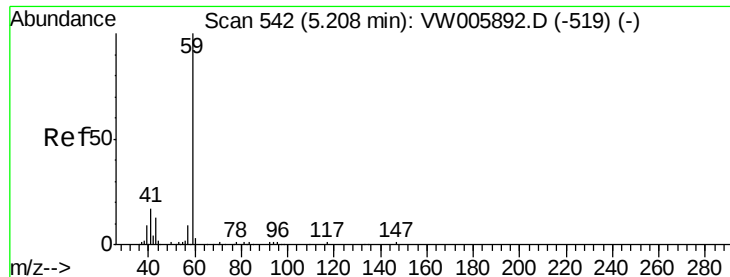
Delta R.T. 0.01 min

Lab File: VW005886.D

Acq: 08 Oct 2018 10:31

Tgt Ion:	142	Resp:	30589
Ion Ratio	Lower	Upper	
142	100		
127	42.8	33.7	50.5
141	16.3	11.5	17.3





#11

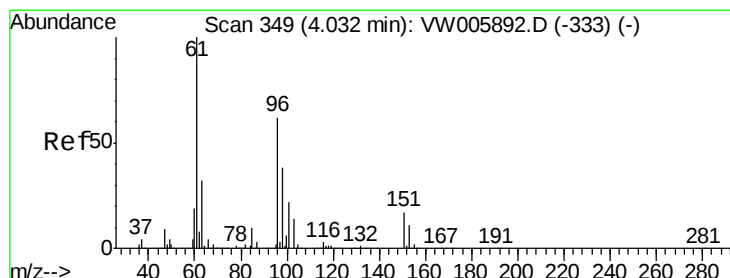
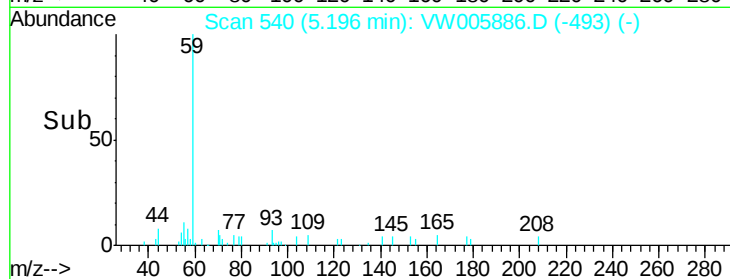
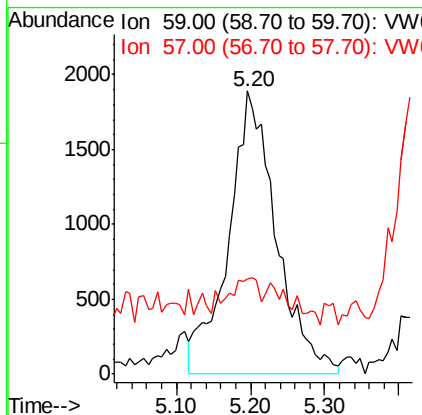
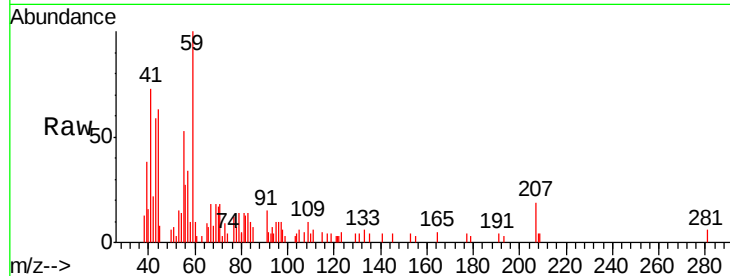
Tert butyl alcohol
 Concen: 30.70 ug/l
 RT: 5.20 min Scan# 540
 Delta R.T. -0.01 min
 Lab File: VW005886.D
 Acq: 08 Oct 2018 10:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion: 59 Resp: 8484
 Ion Ratio Lower Upper
 59 100
 57 7.6 7.7 11.5#

Manual Integrations
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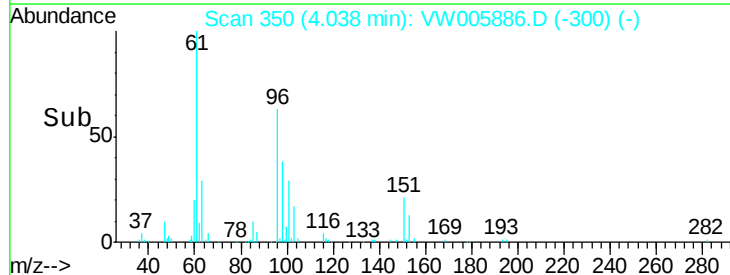
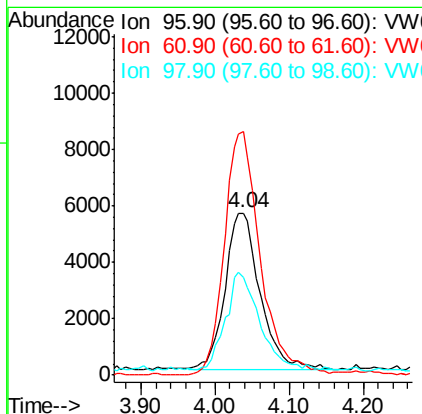
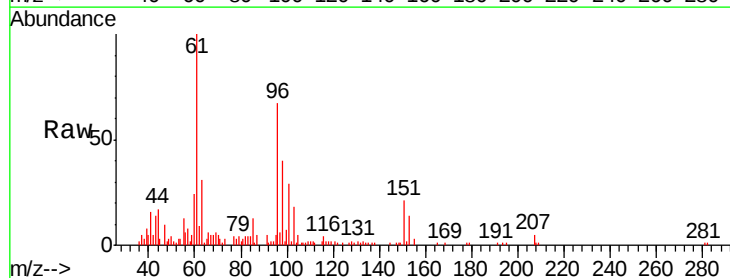
apatel
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#12

1,1-Dichloroethene
 Concen: 5.35 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.01 min
 Lab File: VW005886.D
 Acq: 08 Oct 2018 10:31

Tgt Ion: 96 Resp: 18297
 Ion Ratio Lower Upper
 96 100
 61 155.6 128.6 193.0
 98 59.4 49.4 74.0





#13

Acrolein

Concen: 27.72 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW005886.D

Acq: 08 Oct 2018 10:31

Instrument :

MSVOA_W

ClientSampled :

VSTDIC005

Tgt Ion: 56 Resp: 6827

Ion Ratio Lower Upper

56 100

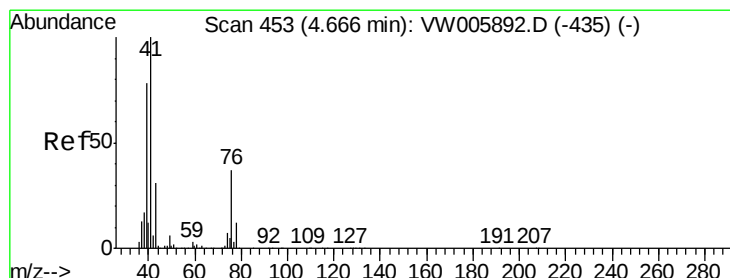
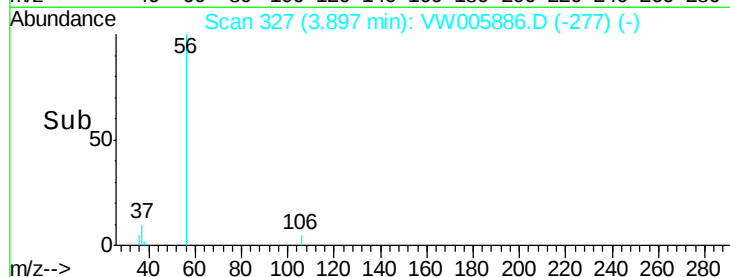
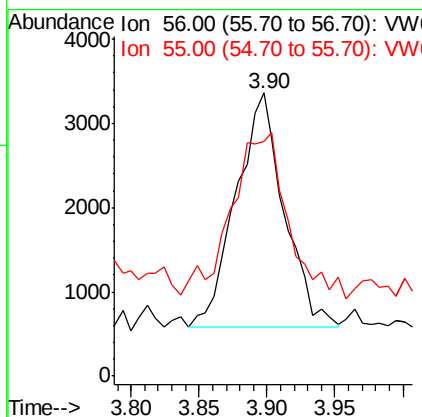
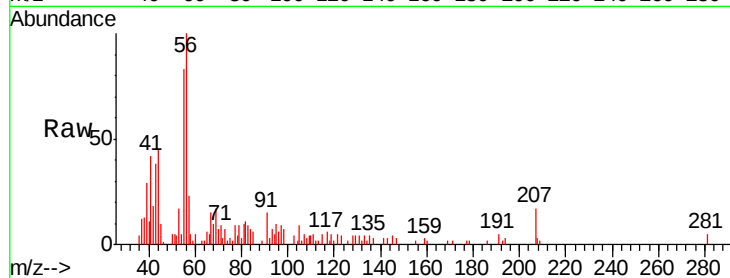
55 84.3 54.6 82.0#

Manual Integrations

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#14

Allyl chloride

Concen: 5.48 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW005886.D

Acq: 08 Oct 2018 10:31

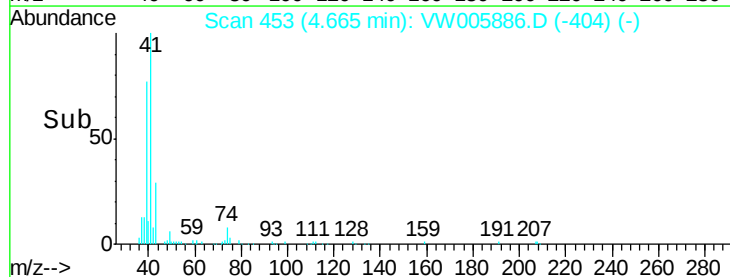
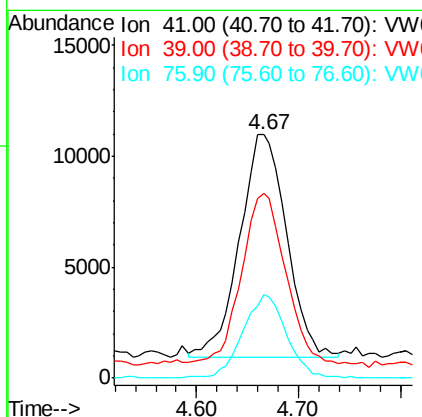
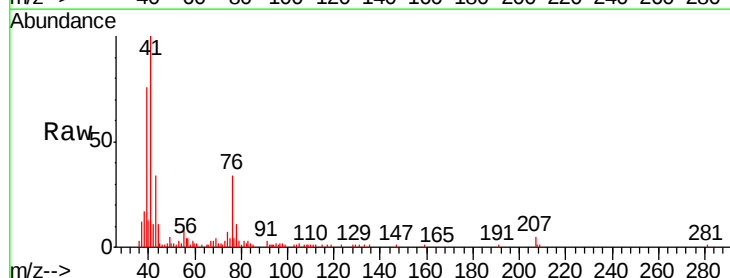
Tgt Ion: 41 Resp: 31927

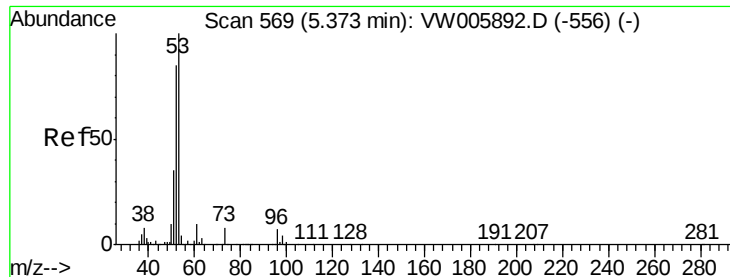
Ion Ratio Lower Upper

41 100

39 73.1 60.8 91.2

76 35.2 29.6 44.4





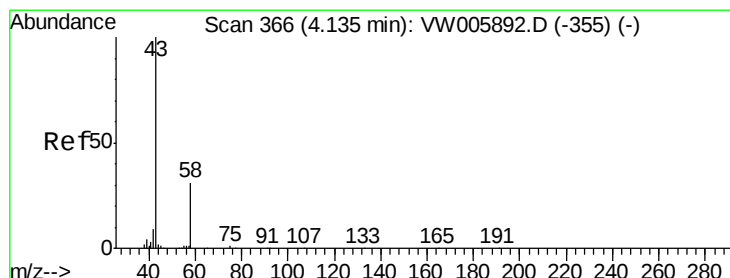
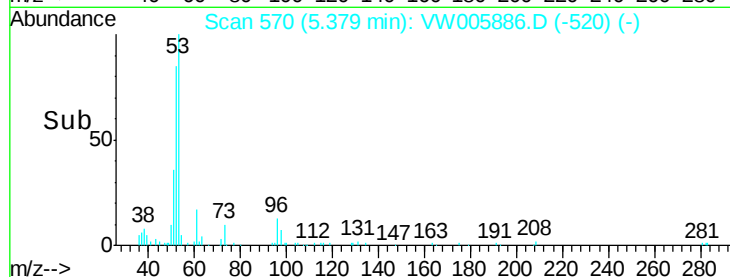
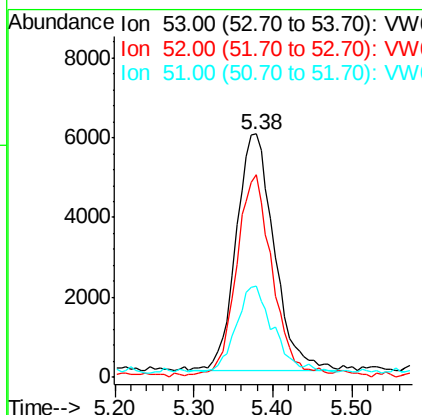
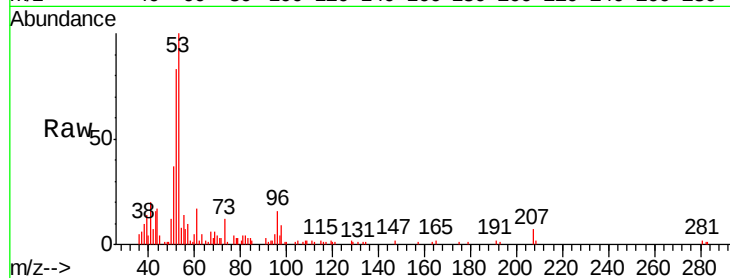
#15
Acrylonitrile
Concen: 26.27 ug/l
RT: 5.38 min Scan# 570
Delta R.T. 0.01 min
Lab File: VW005886.D
Acq: 08 Oct 2018 10:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
53	100		
52	79.4	66.8	100.2
51	34.6	29.8	44.6

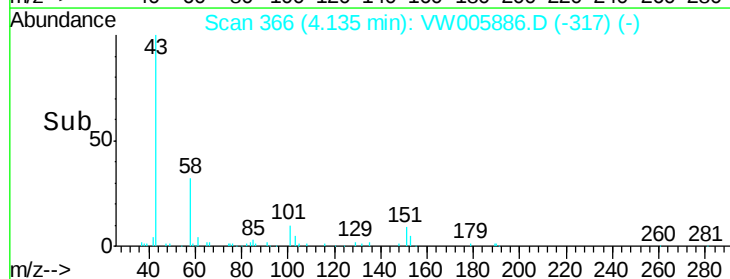
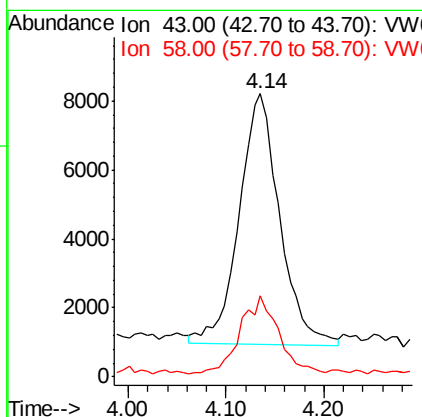
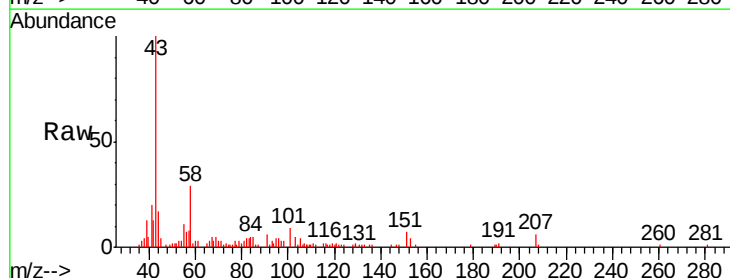
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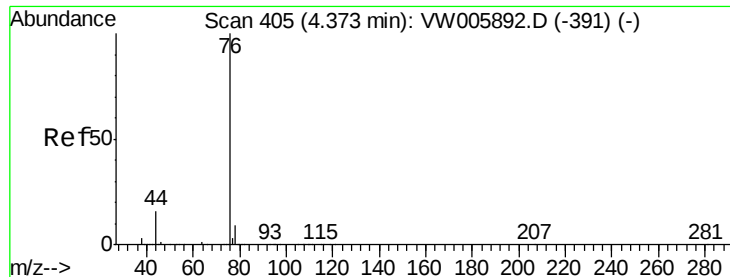
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#16
Acetone
Concen: 27.74 ug/l
RT: 4.14 min Scan# 366
Delta R.T. -0.00 min
Lab File: VW005886.D
Acq: 08 Oct 2018 10:31

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.9	24.7	37.1





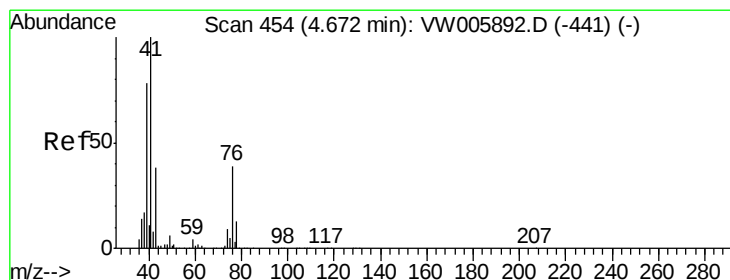
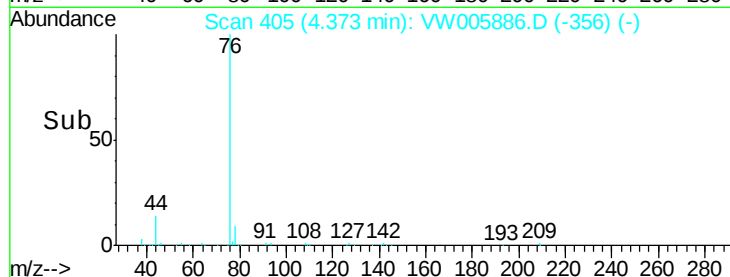
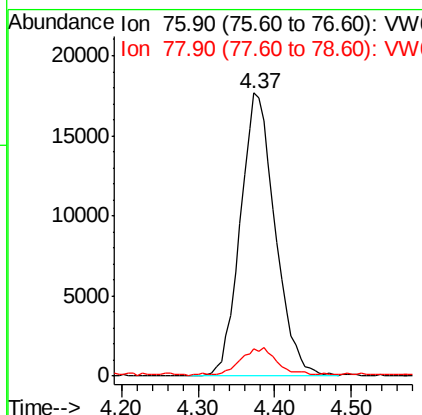
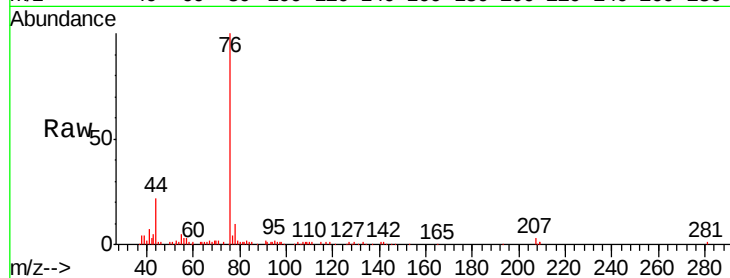
#17
Carbon Disulfide
Concen: 5.41 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW005886.D
Acq: 08 Oct 2018 10:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 55942
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0

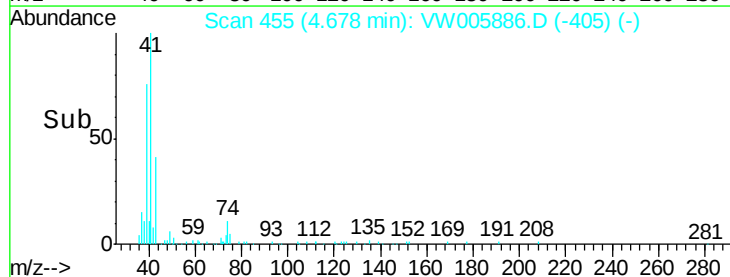
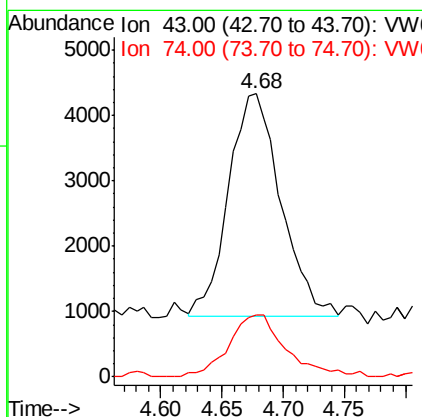
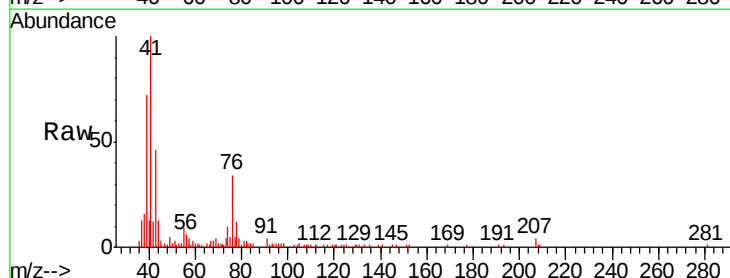
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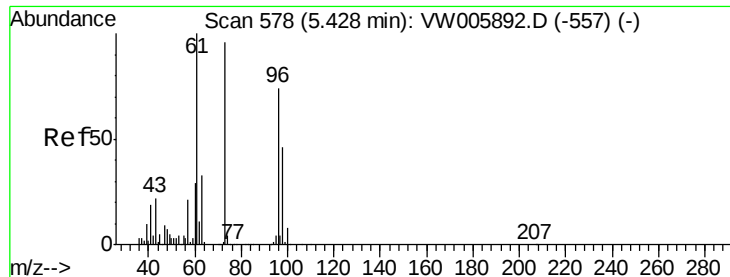
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#18
Methyl Acetate
Concen: 5.34 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW005886.D
Acq: 08 Oct 2018 10:31

Tgt Ion: 43 Resp: 10154
Ion Ratio Lower Upper
43 100
74 30.5 19.2 28.8#





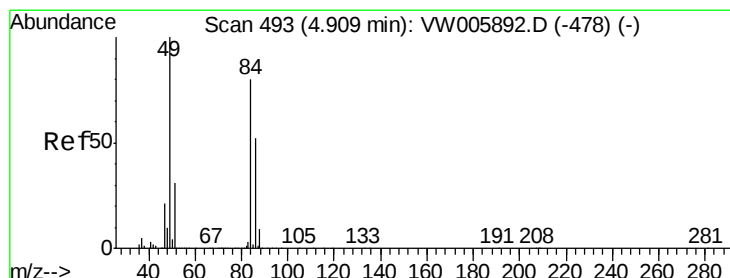
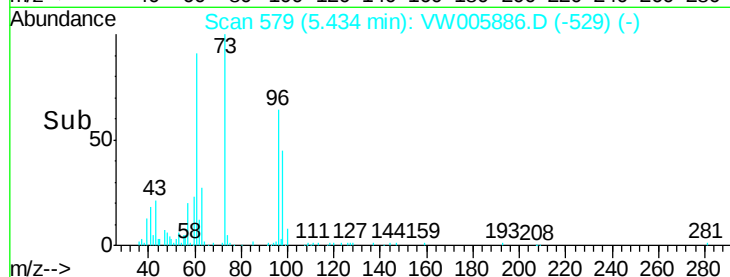
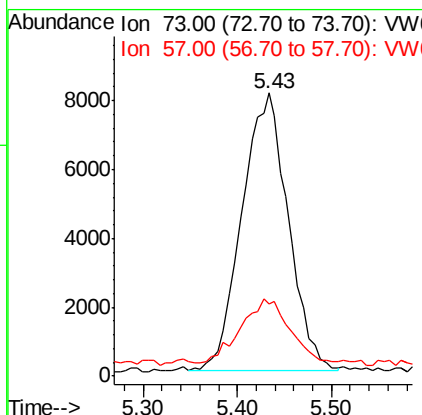
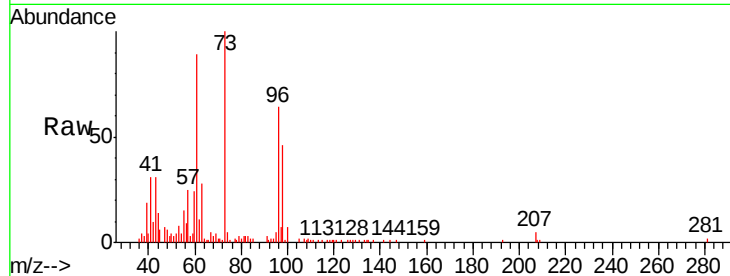
#19
Methyl tert-butyl Ether
Concen: 5.20 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW005886.D
Acq: 08 Oct 2018 10:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 27652
Ion Ratio Lower Upper
73 100
57 20.8 17.7 26.5

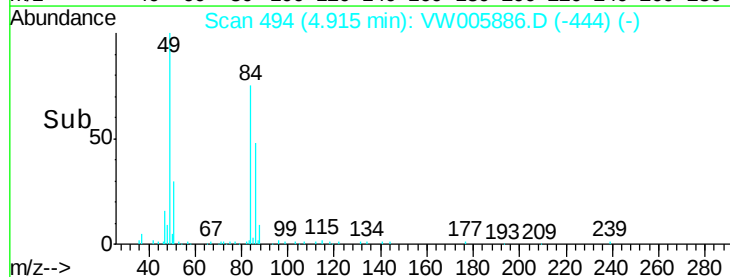
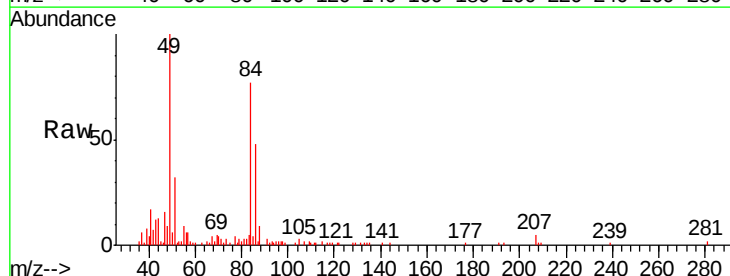
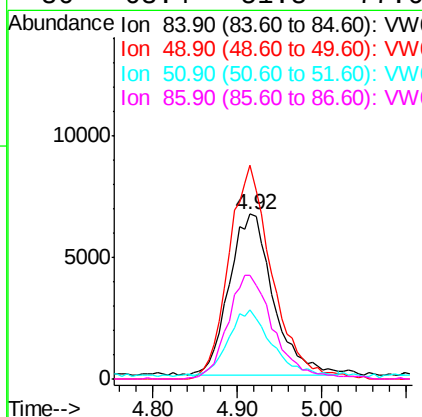
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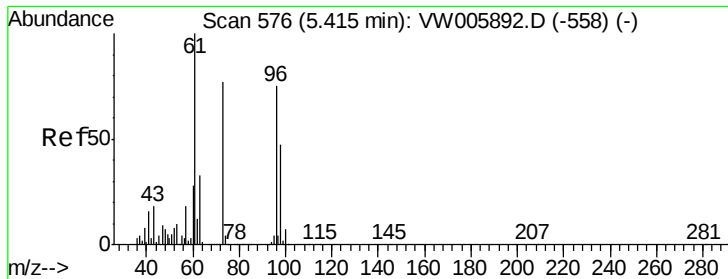
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#20
Methylene Chloride
Concen: 6.21 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW005886.D
Acq: 08 Oct 2018 10:31

Tgt Ion: 84 Resp: 23437
Ion Ratio Lower Upper
84 100
49 132.8 99.9 149.9
51 39.8 31.1 46.7
86 63.4 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 5.12 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW005886.D

Acq: 08 Oct 2018 10:31

Instrument :

MSVOA_W

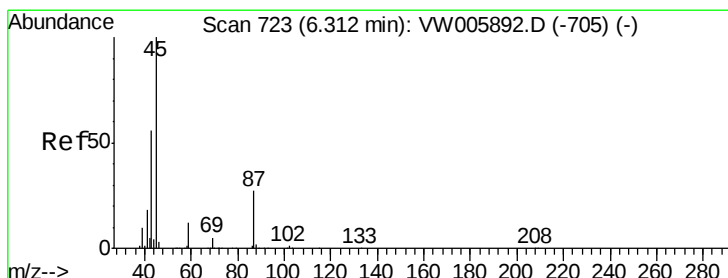
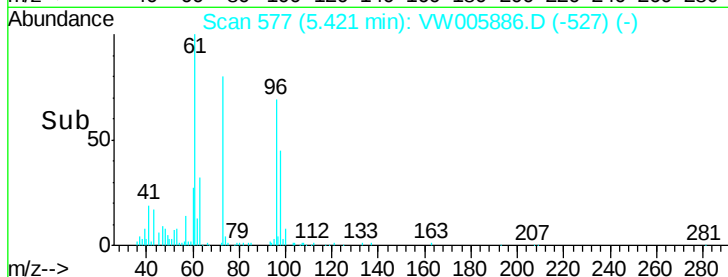
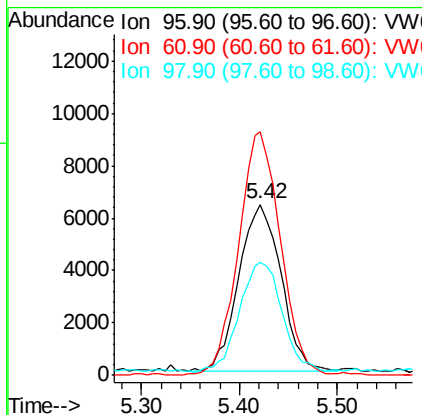
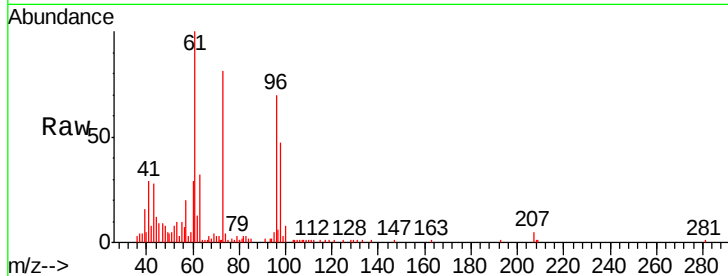
ClientSampleId :

VSTDIC005

Tgt Ion:	96	Resp:	19082
Ion	Ratio	Lower	Upper
96	100		
61	145.4	107.4	161.0
98	65.2	50.8	76.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 5.15 ug/l

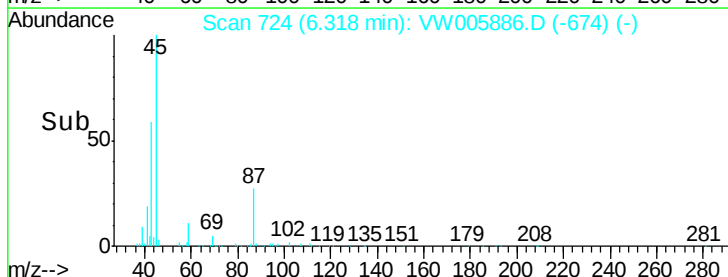
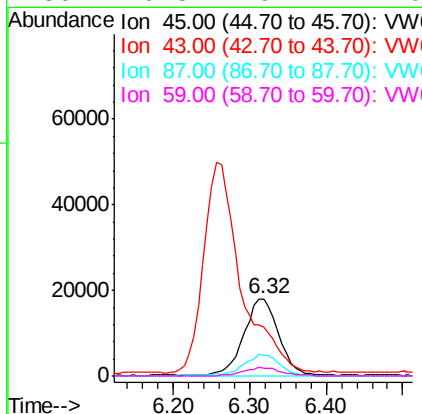
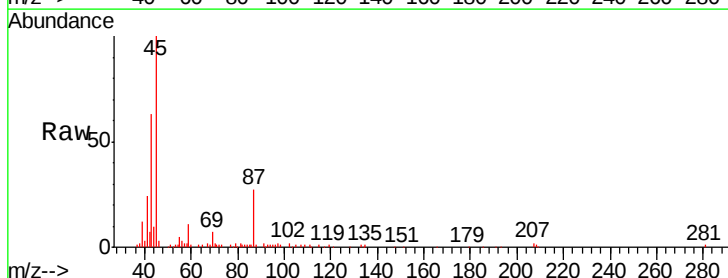
RT: 6.32 min Scan# 724

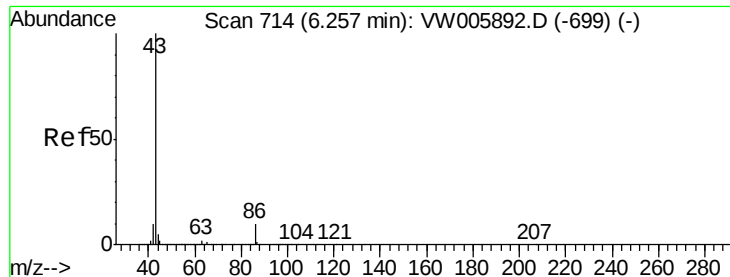
Delta R.T. 0.01 min

Lab File: VW005886.D

Acq: 08 Oct 2018 10:31

Tgt Ion:	45	Resp:	56109
Ion	Ratio	Lower	Upper
45	100		
43	57.9	45.9	68.9
87	27.3	22.2	33.4
59	10.3	9.4	14.0





#23

Vinyl Acetate

Concen: 24.99 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW005886.D

Acq: 08 Oct 2018 10:31

Instrument :

MSVOA_W

ClientSampled :

VSTDIC005

Tgt Ion: 43 Resp: 167647

Ion Ratio Lower Upper

43 100

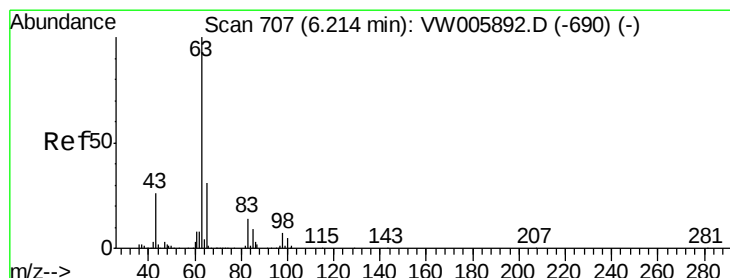
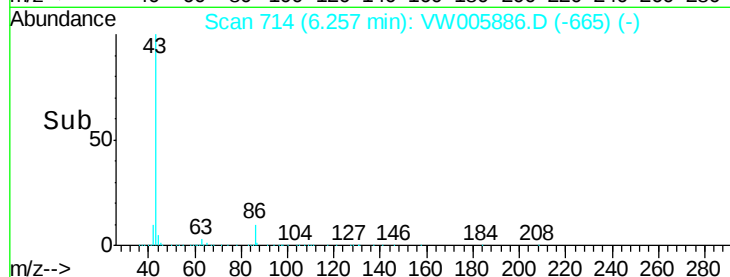
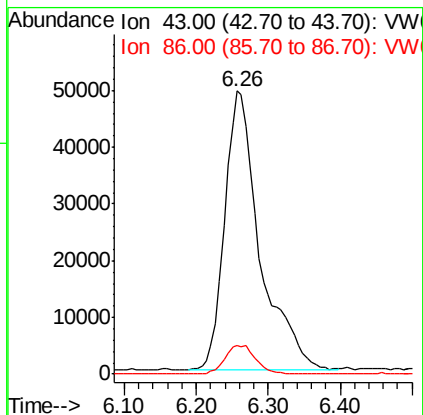
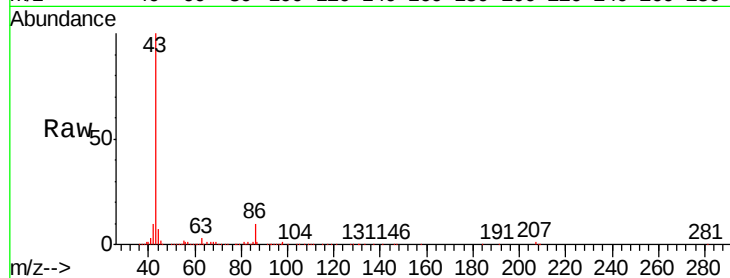
86 10.4 8.2 12.4

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#24

1,1-Dichloroethane

Concen: 5.16 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW005886.D

Acq: 08 Oct 2018 10:31

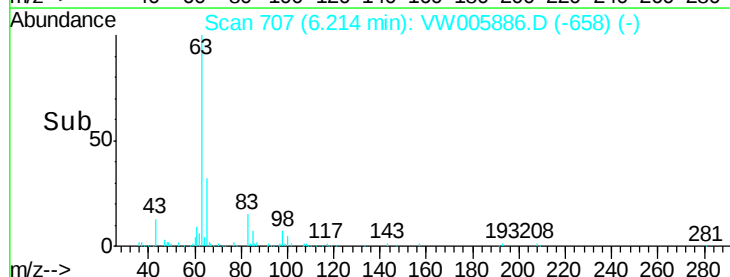
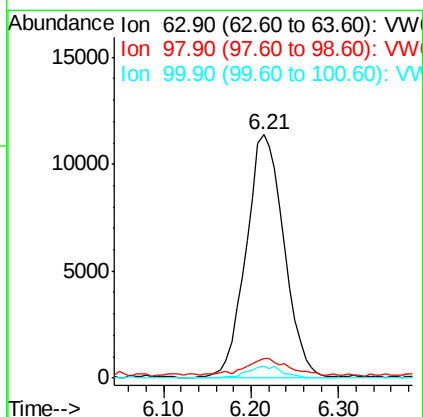
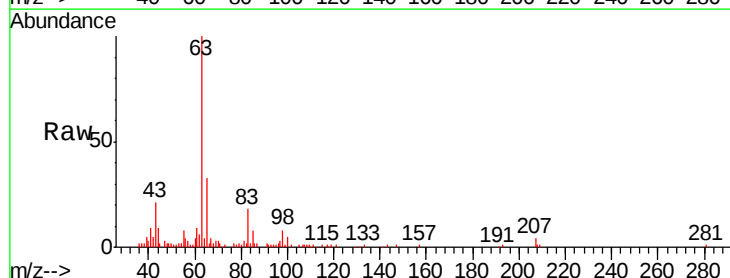
Tgt Ion: 63 Resp: 34444

Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.6

100 4.7 2.4 7.1





#25

2-Butanone

Concen: 26.83 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW005886.D

Acq: 08 Oct 2018 10:31

Instrument :

MSVOA_W

ClientSampled :

VSTDIC005

Tgt Ion: 43 Resp: 28735

Ion Ratio Lower Upper

43 100

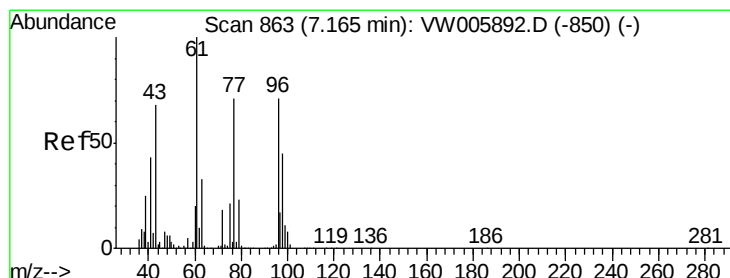
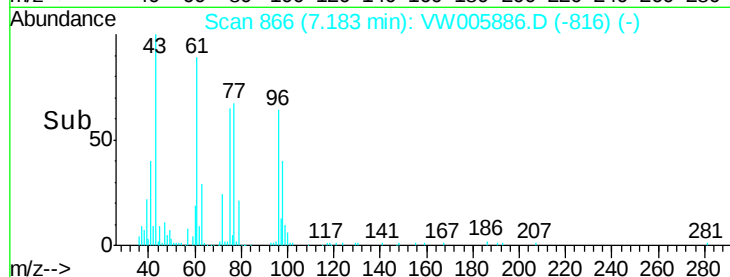
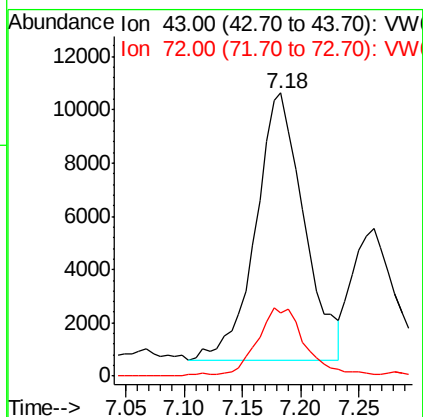
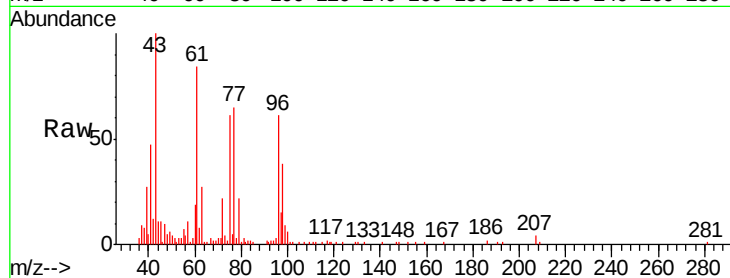
72 23.2 21.0 31.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 5.82 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW005886.D

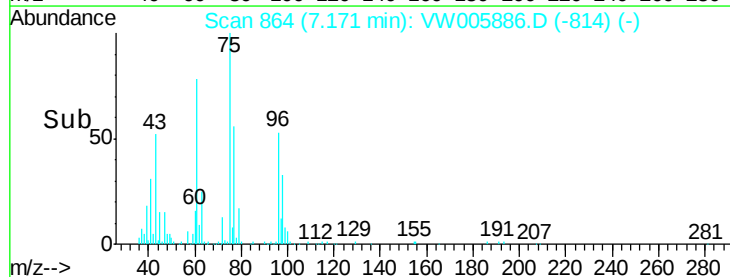
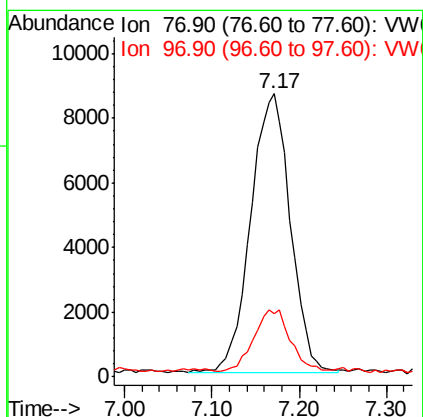
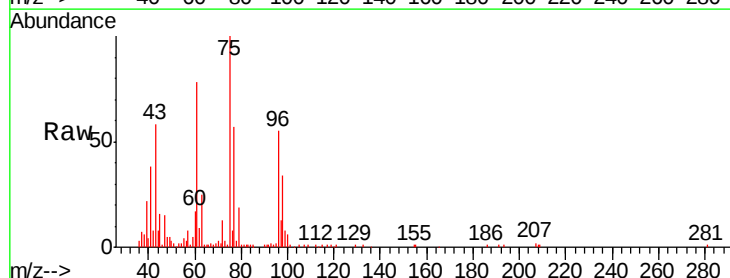
Acq: 08 Oct 2018 10:31

Tgt Ion: 77 Resp: 27311

Ion Ratio Lower Upper

77 100

97 19.9 11.9 35.7





#27

cis-1,2-Dichloroethene

Concen: 5.11 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW005886.D

Acq: 08 Oct 2018 10:31

Instrument :

MSVOA_W

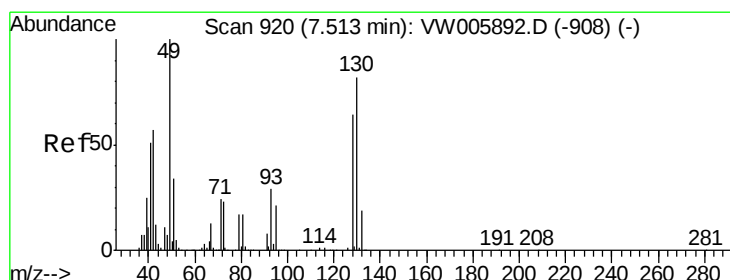
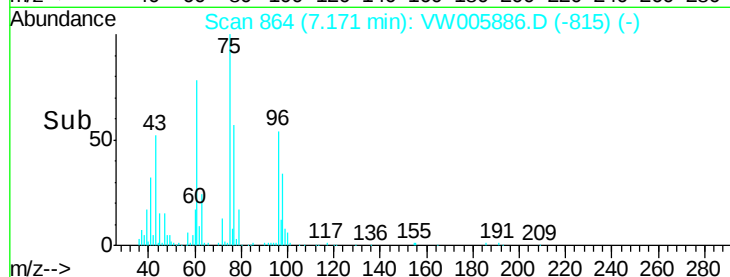
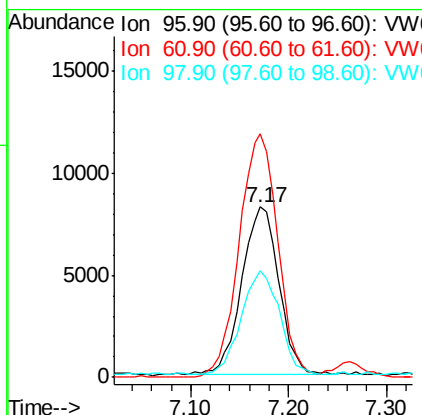
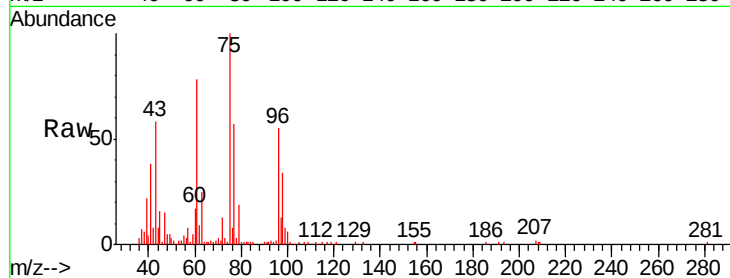
ClientSampleId :

VSTDIC005

Tgt Ion:	96	Resp:	21555
Ion	Ratio	Lower	Upper
96	100		
61	152.1	0.0	284.0
98	64.0	0.0	129.8

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#28

Bromochloromethane

Concen: 5.66 ug/l

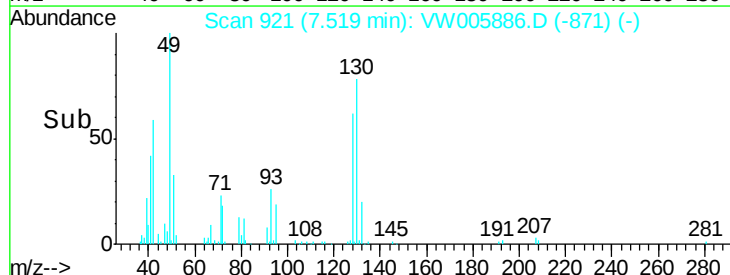
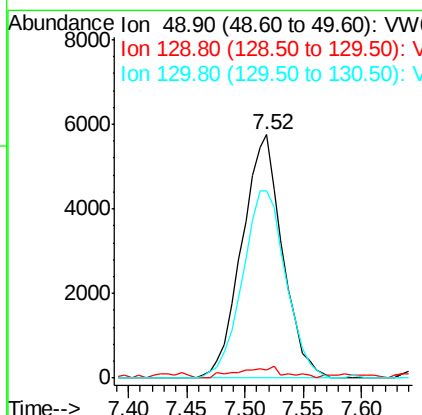
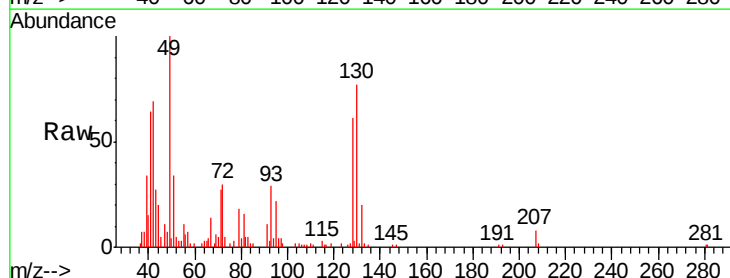
RT: 7.52 min Scan# 921

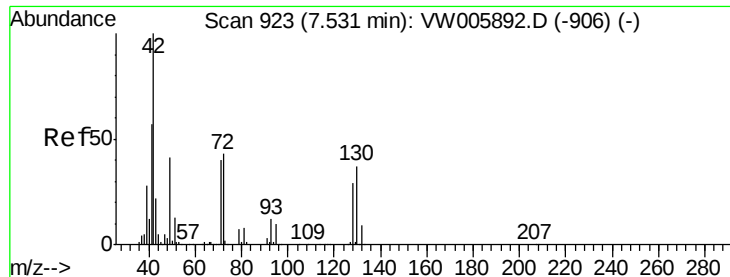
Delta R.T. 0.01 min

Lab File: VW005886.D

Acq: 08 Oct 2018 10:31

Tgt Ion:	49	Resp:	13938
Ion	Ratio	Lower	Upper
49	100		
129	5.1	0.0	5.0#
130	82.0	66.9	100.3





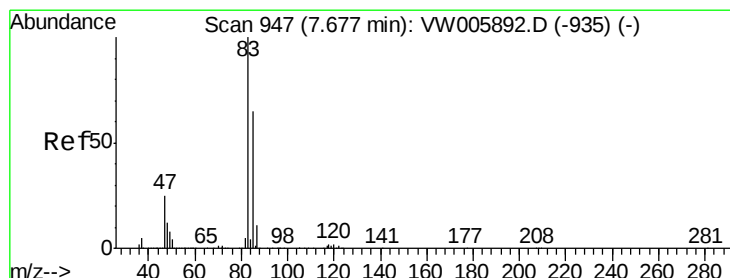
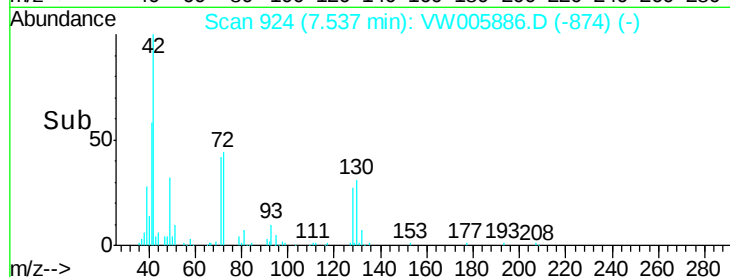
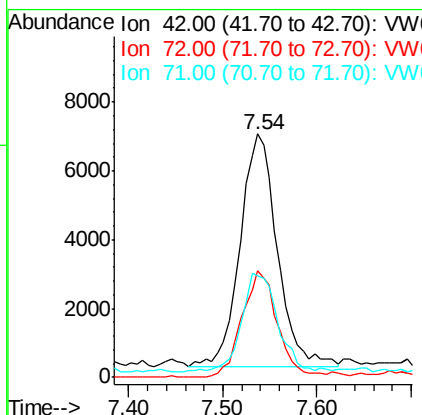
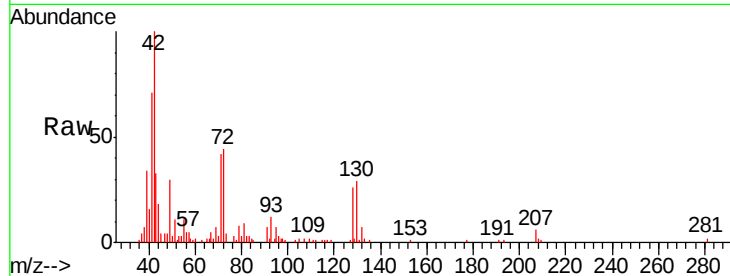
#29
Tetrahydrofuran
Concen: 27.60 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW005886.D
Acq: 08 Oct 2018 10:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
42	100		
72	43.3	34.6	51.8
71	42.0	32.6	49.0

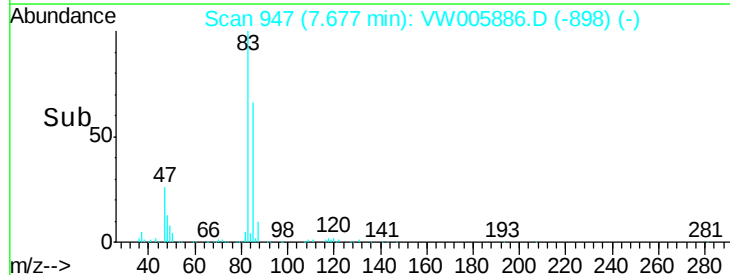
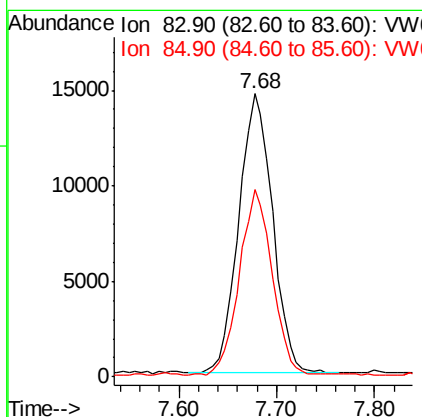
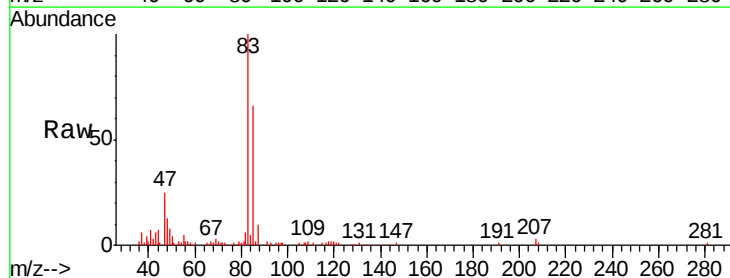
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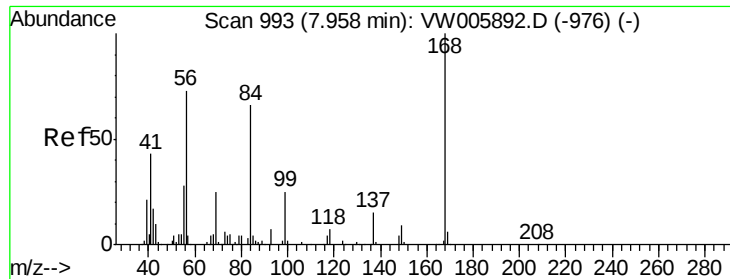
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#30
Chloroform
Concen: 5.11 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW005886.D
Acq: 08 Oct 2018 10:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.5	51.6	77.4





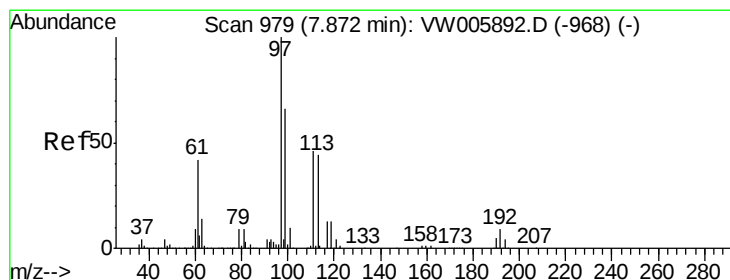
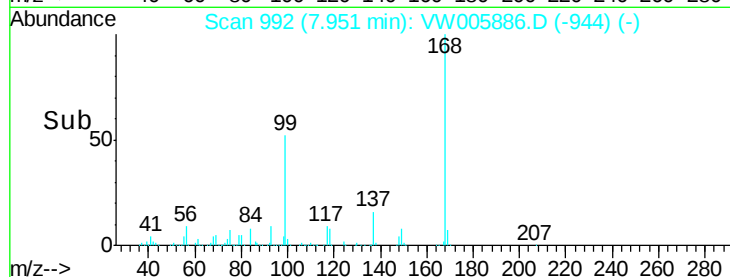
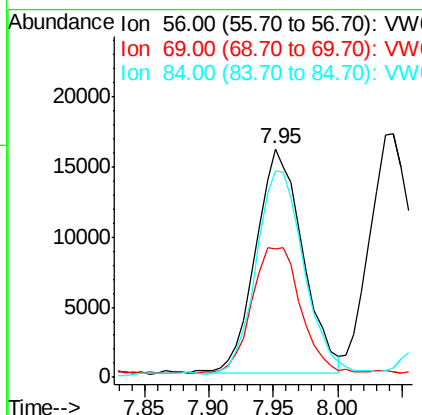
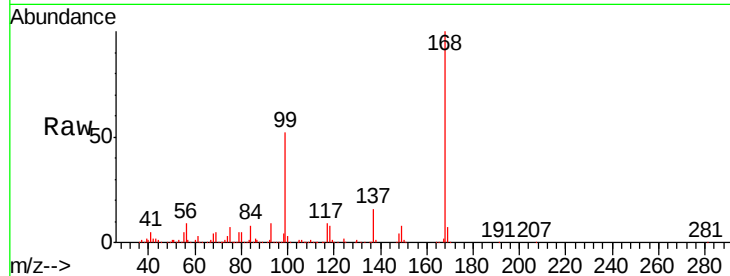
#31
Cyclohexane
Concen: 6.14 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005886.D
Acq: 08 Oct 2018 10:31

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
56	100		
69	55.3	27.9	41.9#
84	90.0	72.3	108.5

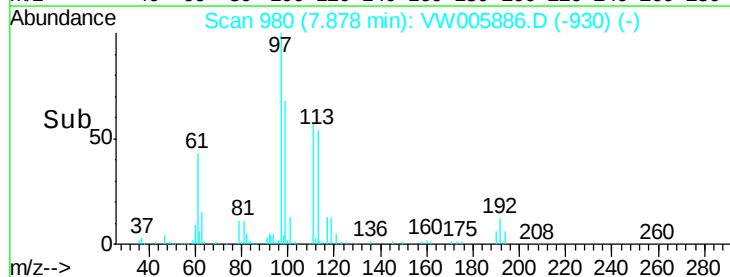
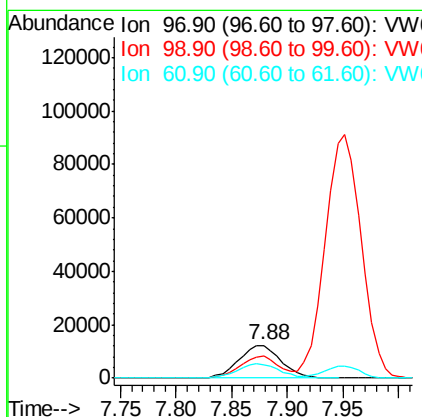
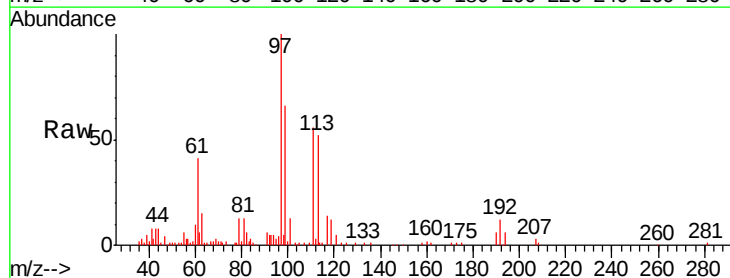
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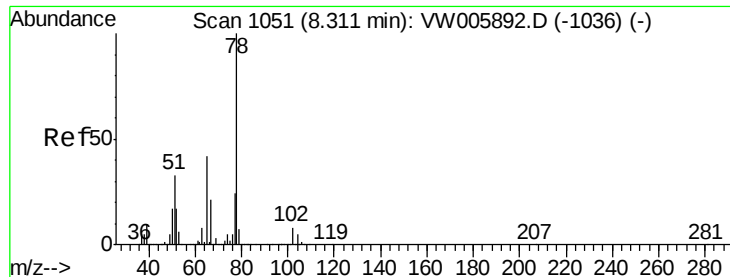
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#32
1,1,1-Trichloroethane
Concen: 5.28 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.01 min
Lab File: VW005886.D
Acq: 08 Oct 2018 10:31

Tgt Ion	Ratio	Lower	Upper
97	100		
99	61.7	51.6	77.4
61	42.9	34.5	51.7





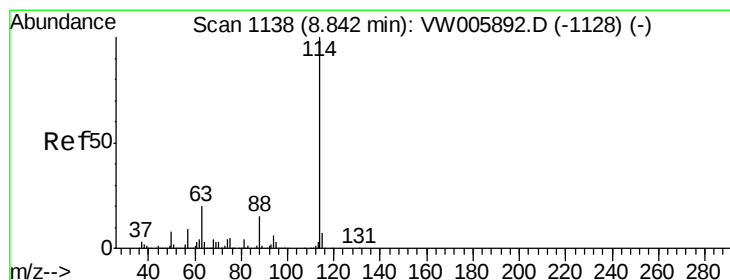
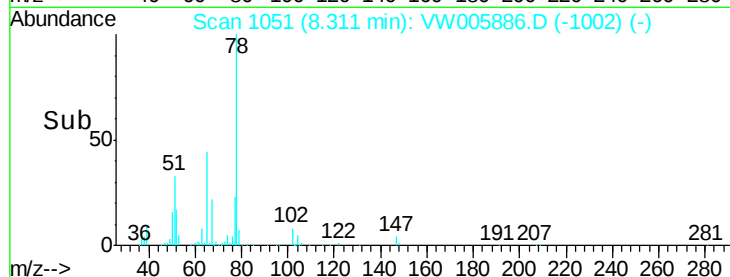
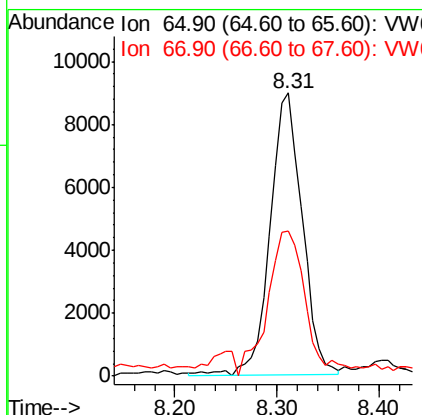
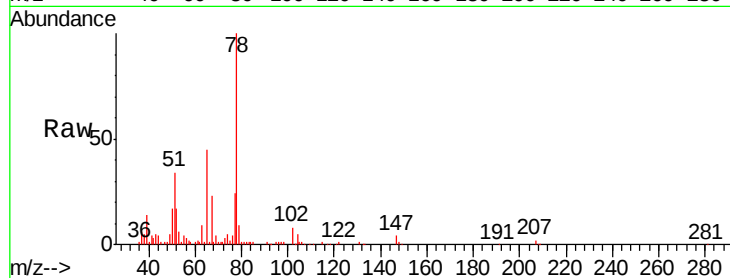
#33
 1,2-Dichloroethane-d4
 Concen: 5.15 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005886.D
 Acq: 08 Oct 2018 10:31

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC005

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	19431		
67	61.4	0.0	104.6	

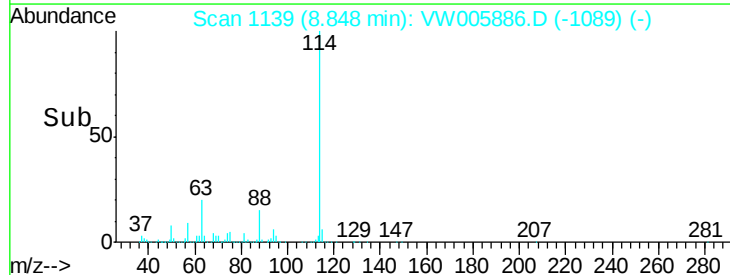
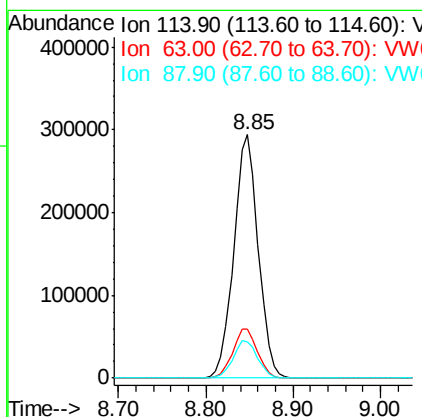
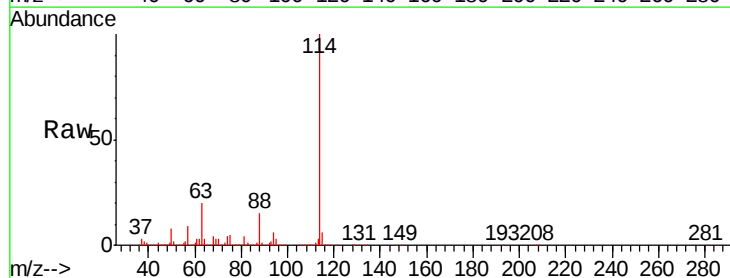
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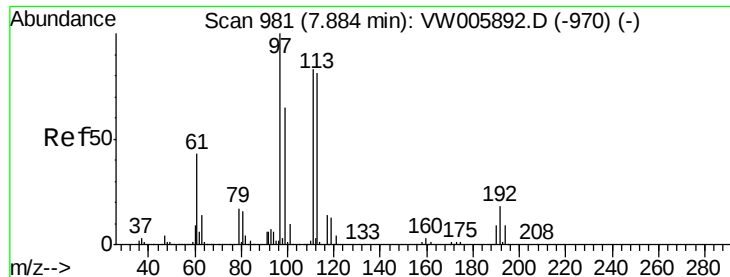
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW005886.D
 Acq: 08 Oct 2018 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	568012		
63	20.1	0.0	39.2	
88	15.0	0.0	30.8	





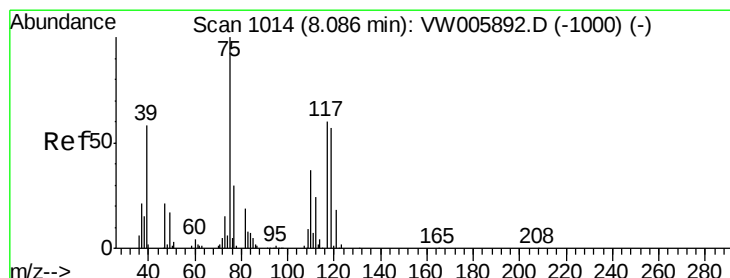
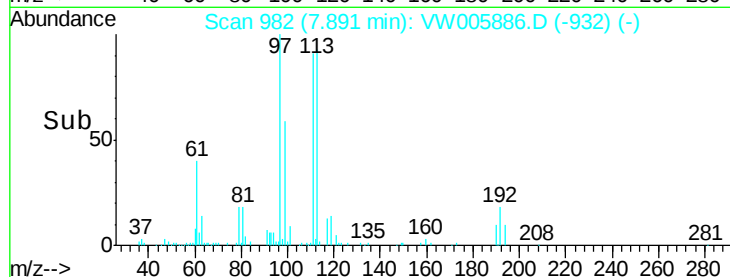
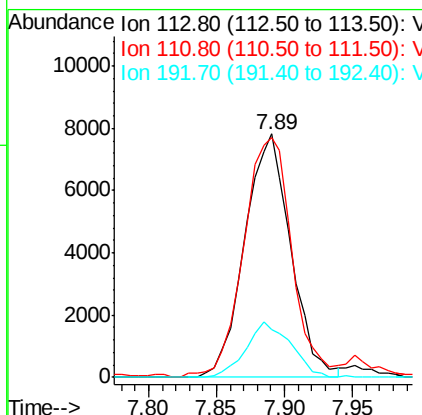
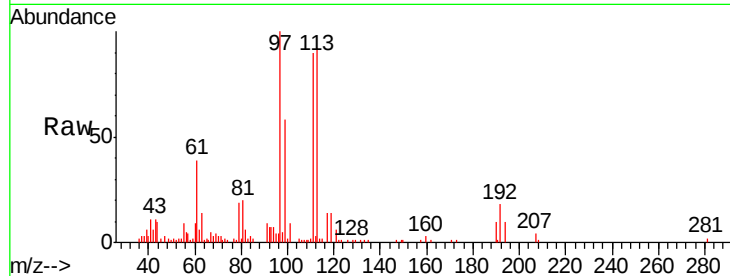
#35
Dibromofluoromethane
Concen: 5.10 ug/l
RT: 7.89 min Scan# 982
Delta R.T. 0.01 min
Lab File: VW005886.D
Acq: 08 Oct 2018 10:31

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	18503		
111	102.6	82.0	123.0	
192	22.1	18.3	27.5	

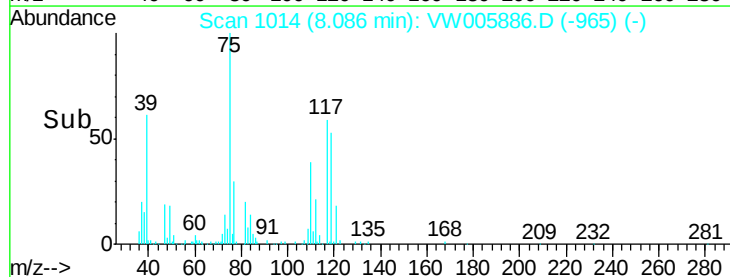
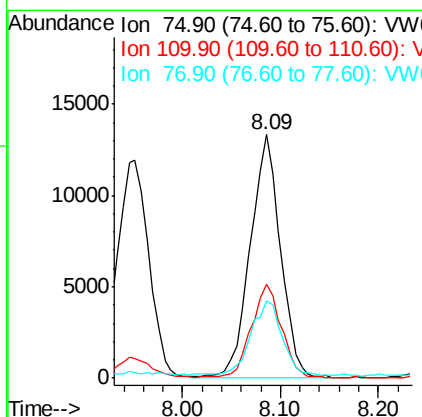
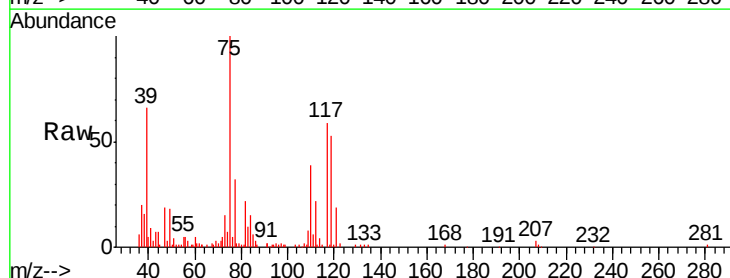
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#36
1,1-Dichloropropene
Concen: 5.26 ug/l
RT: 8.09 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VW005886.D
Acq: 08 Oct 2018 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	28603		
110	38.7	18.6	56.0	
77	31.4	24.7	37.1	





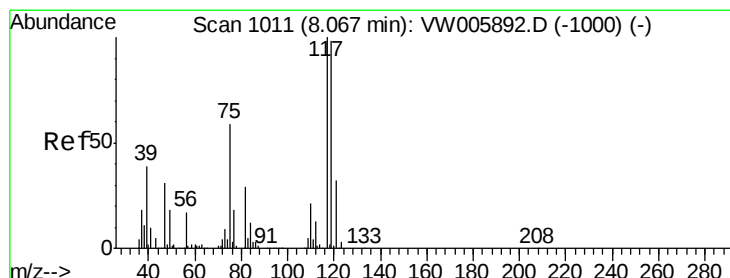
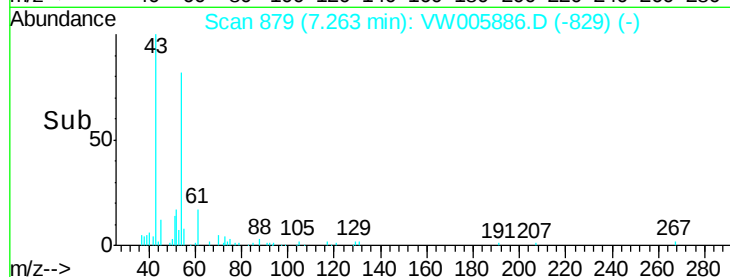
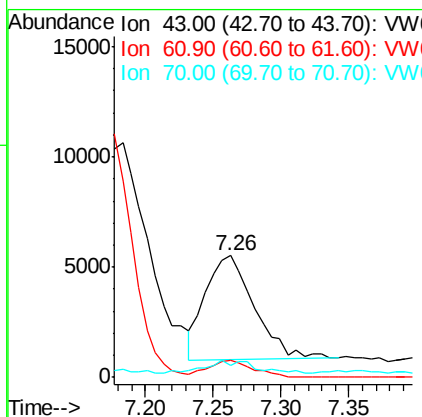
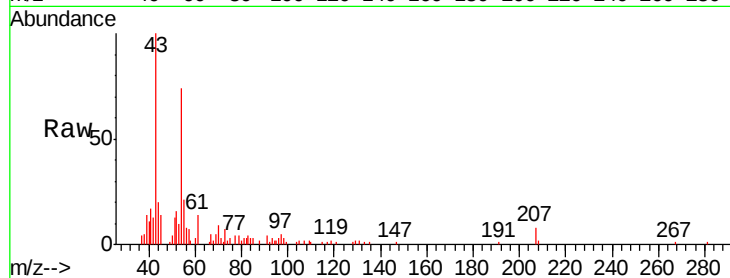
#37
Ethyl Acetate
 Concen: 5.08 ug/l
 RT: 7.26 min Scan# 879
 Delta R.T. 0.01 min
 Lab File: VW005886.D
 Acq: 08 Oct 2018 10:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.8	10.6	16.0
70	5.7	8.6	13.0

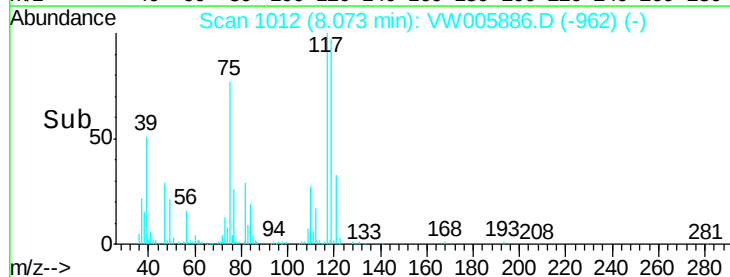
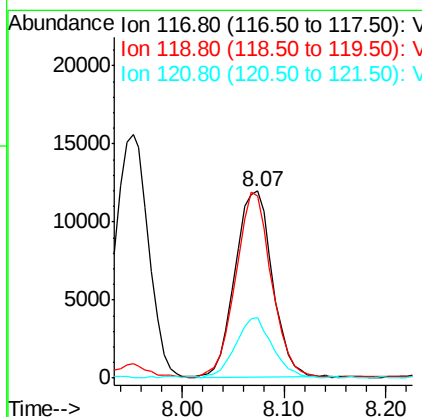
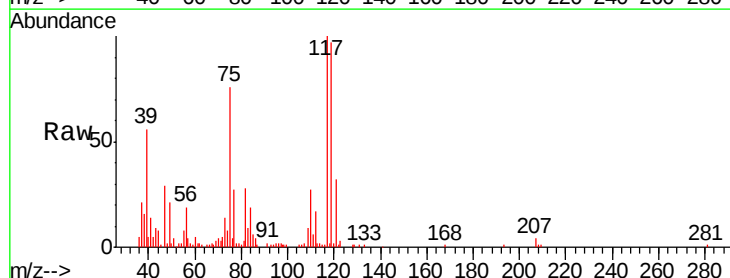
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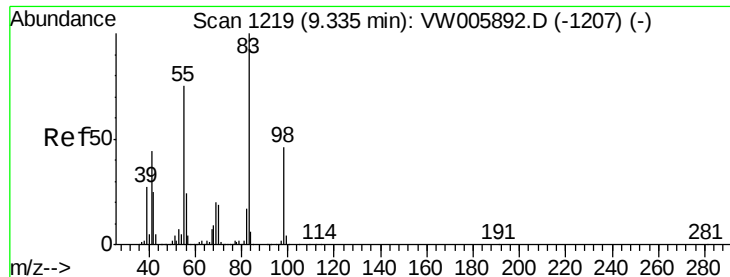
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#38
Carbon Tetrachloride
 Concen: 5.18 ug/l
 RT: 8.07 min Scan# 1012
 Delta R.T. 0.01 min
 Lab File: VW005886.D
 Acq: 08 Oct 2018 10:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	78.6	117.8
121	32.5	25.3	37.9





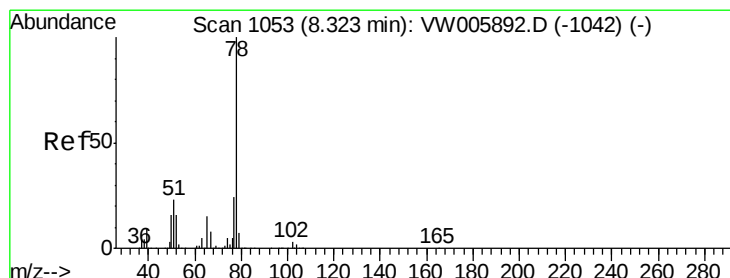
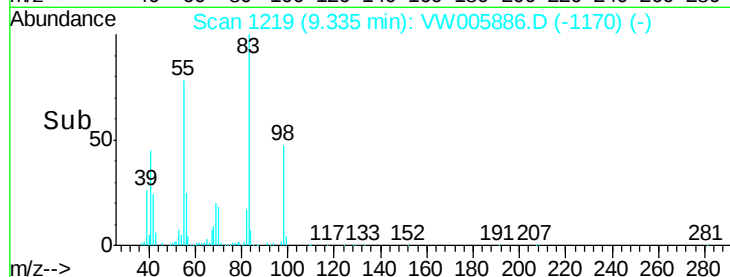
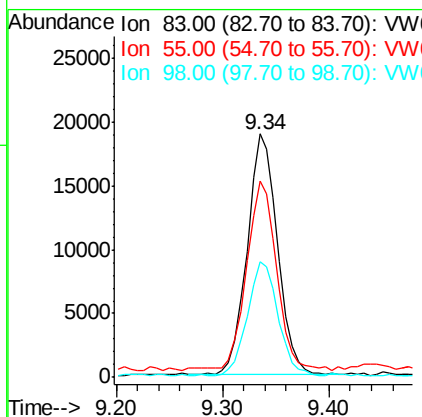
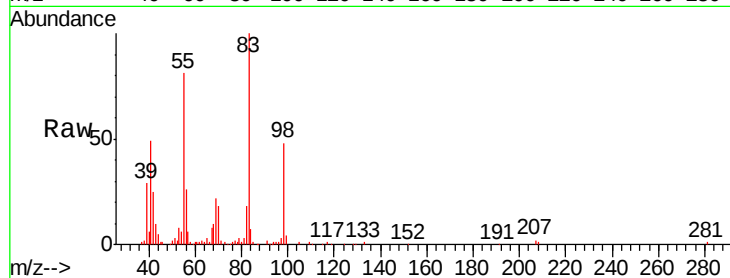
#39
Methylcyclohexane
Concen: 5.27 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW005886.D
Acq: 08 Oct 2018 10:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	37810		
55	78.1	59.8	89.6	
98	47.5	37.1	55.7	

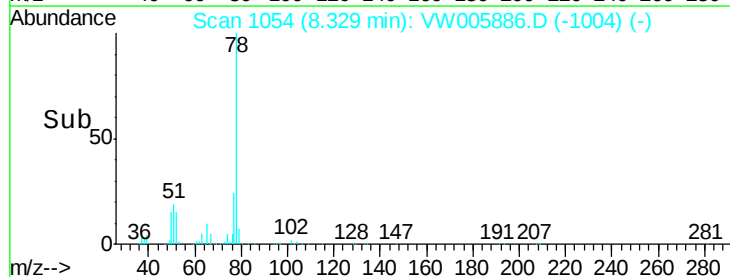
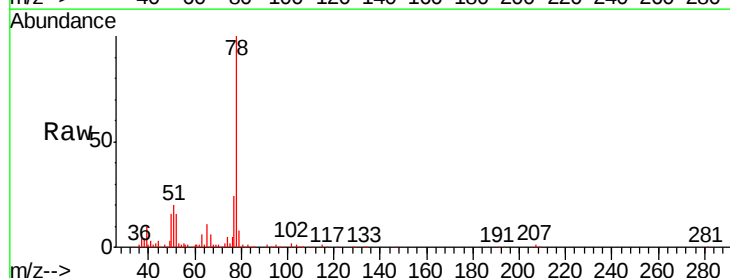
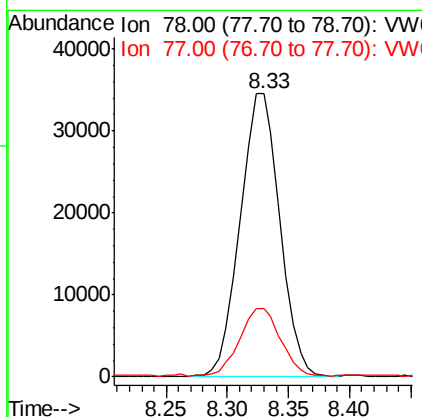
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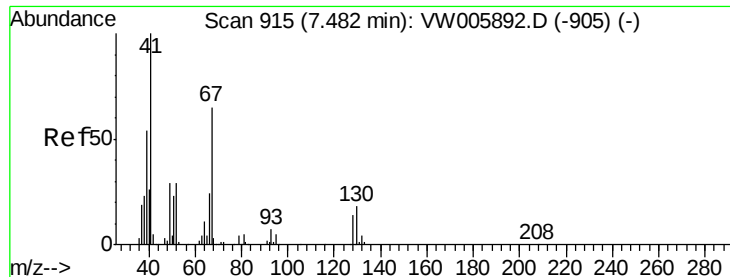
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#40
Benzene
Concen: 5.19 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.01 min
Lab File: VW005886.D
Acq: 08 Oct 2018 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	77314		
77	23.7	19.1	28.7	





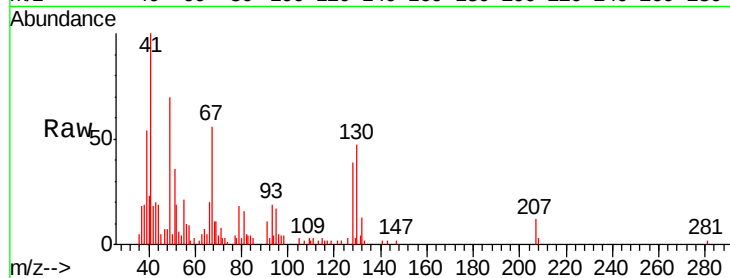
#41
Methacrylonitrile
Concen: 5.75 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW005886.D
Acq: 08 Oct 2018 10:31

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

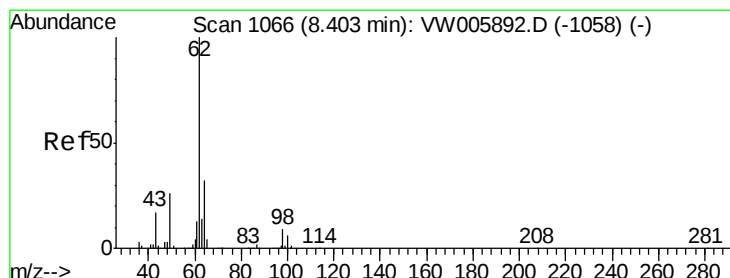
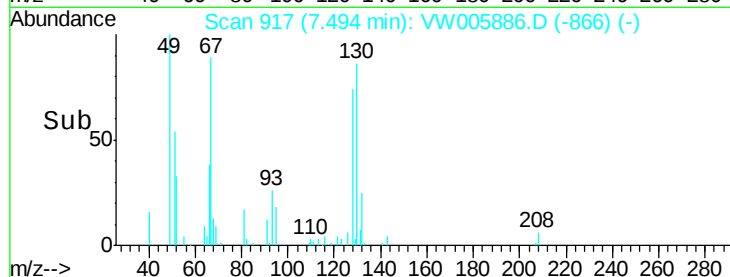
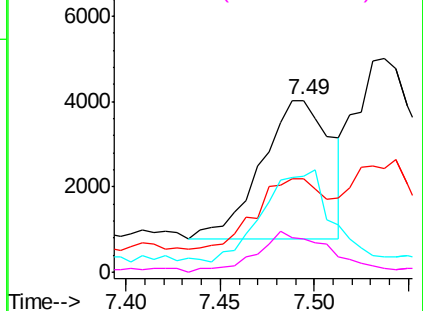
Tgt Ion	Ratio	Lower	Upper
41	100		
39	52.2	45.0	67.4
67	61.4	55.8	83.8
52	31.9	25.3	37.9

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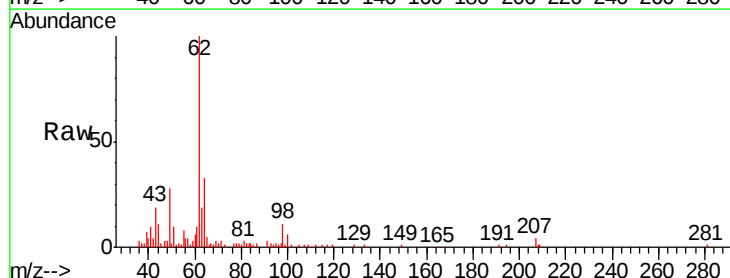


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

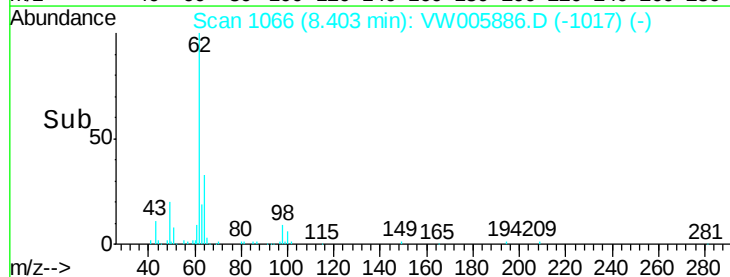
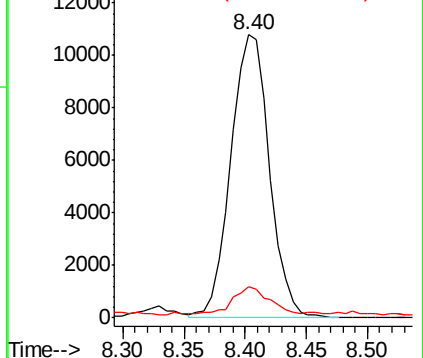


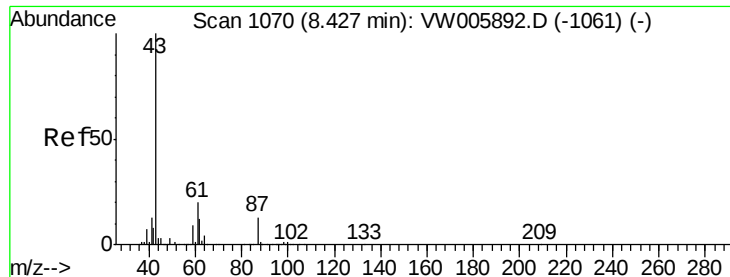
#42
1,2-Dichloroethane
Concen: 5.24 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW005886.D
Acq: 08 Oct 2018 10:31

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.0



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 5.13 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW005886.D

Acq: 08 Oct 2018 10:31

Instrument :

MSVOA_W

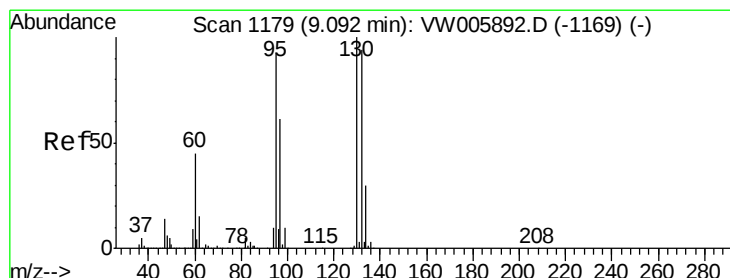
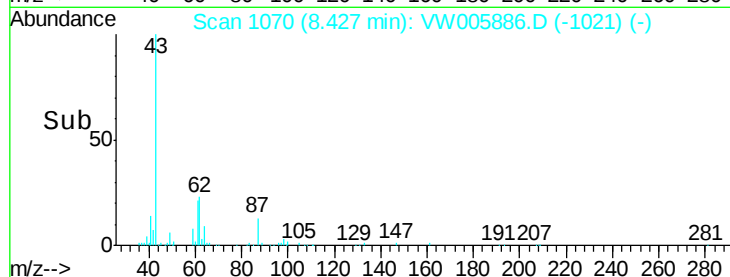
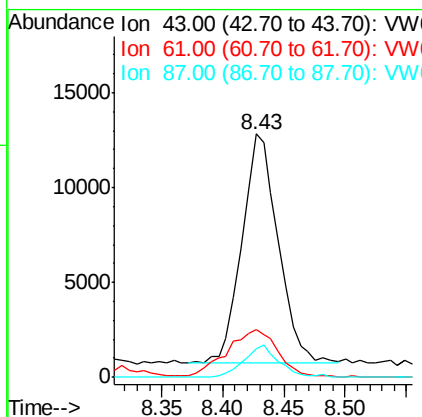
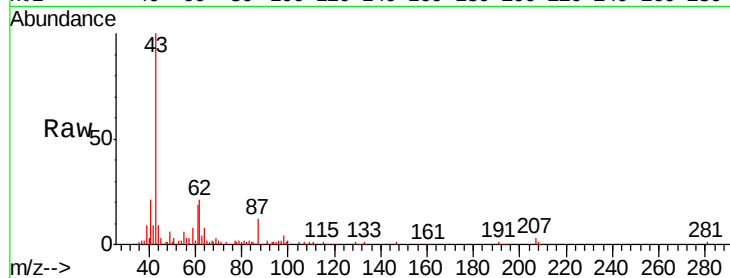
ClientSampleId :

VSTDIC005

Tgt Ion:	43	Resp:	24680
Ion	Ratio	Lower	Upper
43	100		
61	29.8	23.1	34.7
87	13.6	10.7	16.1

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#44

Trichloroethene

Concen: 5.05 ug/l

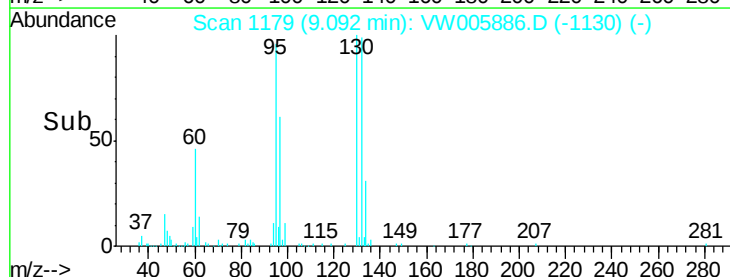
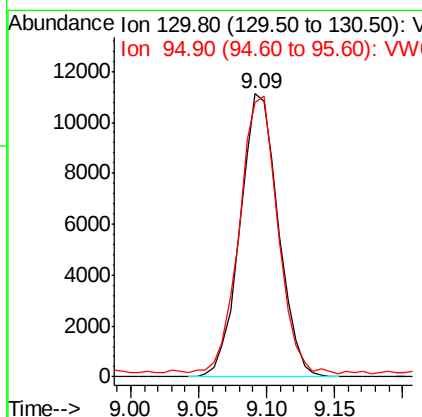
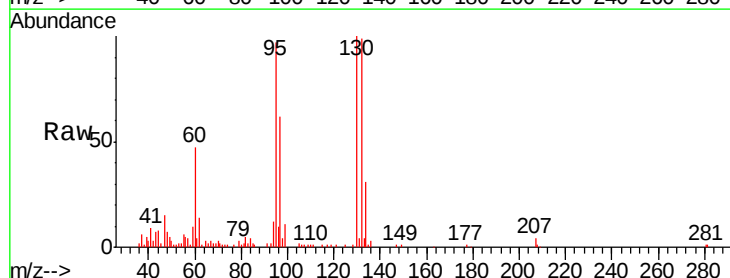
RT: 9.09 min Scan# 1179

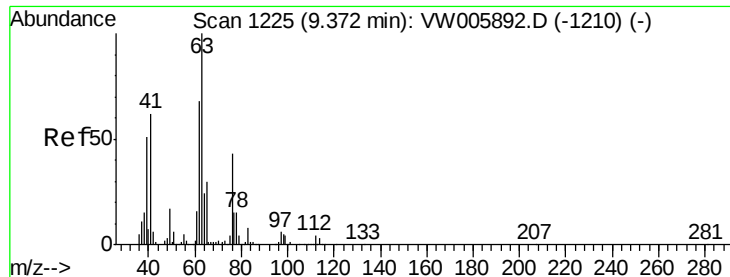
Delta R.T. -0.00 min

Lab File: VW005886.D

Acq: 08 Oct 2018 10:31

Tgt Ion:	130	Resp:	21818
Ion	Ratio	Lower	Upper
130	100		
95	95.8	0.0	185.6





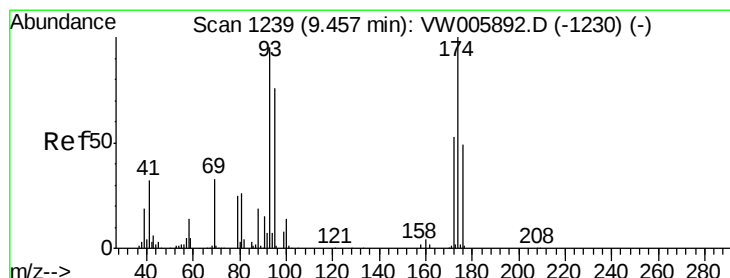
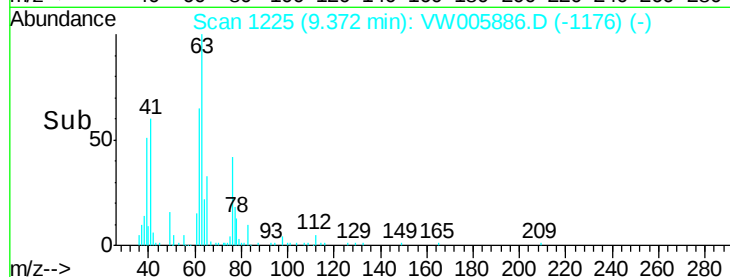
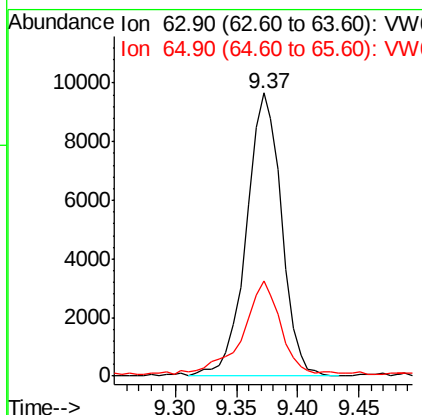
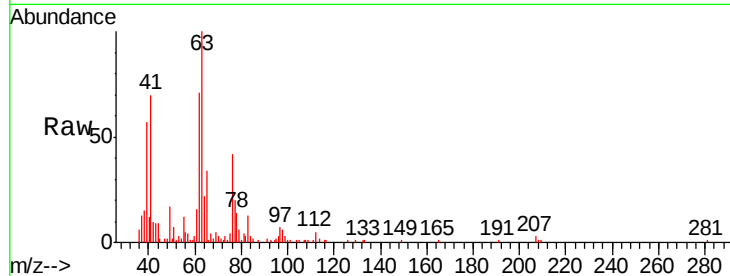
#45
 1,2-Dichloropropane
 Concen: 5.19 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW005886.D
 Acq: 08 Oct 2018 10:31

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
63	100		
65	32.8	24.3	36.5

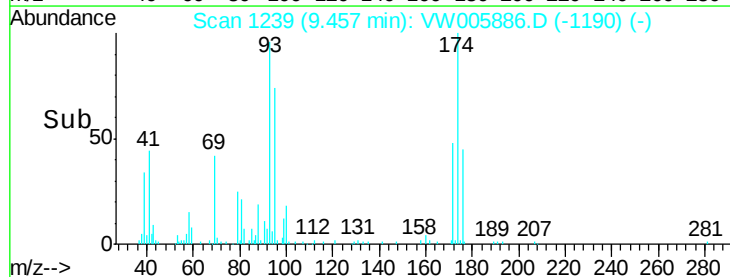
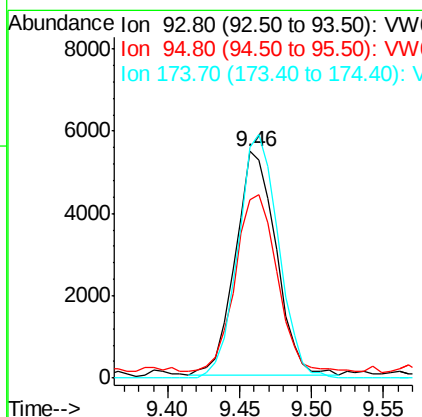
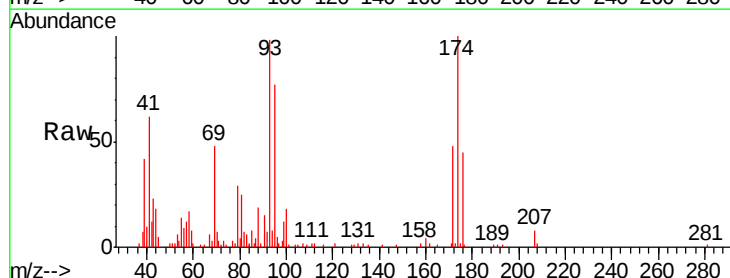
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#46
 Dibromomethane
 Concen: 5.18 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW005886.D
 Acq: 08 Oct 2018 10:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.8	66.6	99.8
174	108.7	90.4	135.6





#47

Bromodichloromethane

Concen: 5.05 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW005886.D

Acq: 08 Oct 2018 10:31

Instrument :

MSVOA_W

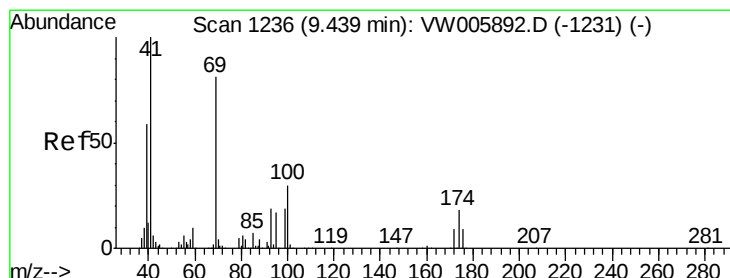
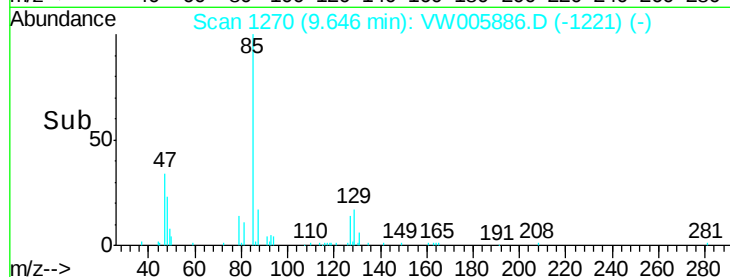
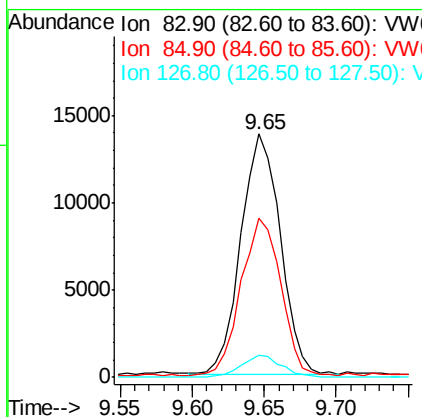
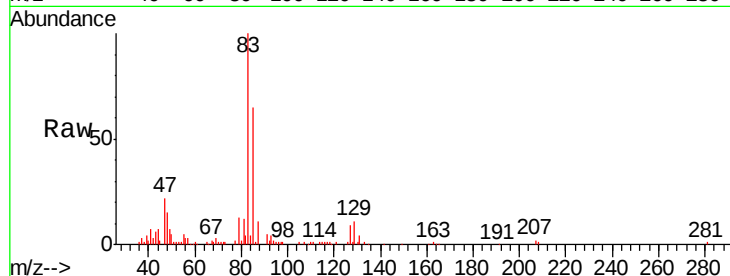
ClientSampleId :

VSTDIC005

Tgt Ion:	83	Resp:	26019
Ion	Ratio	Lower	Upper
83	100		
85	65.6	53.0	79.6
127	9.3	7.4	11.0

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#48

Methyl methacrylate

Concen: 5.15 ug/l

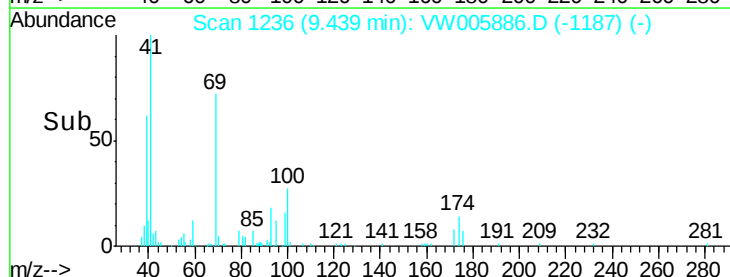
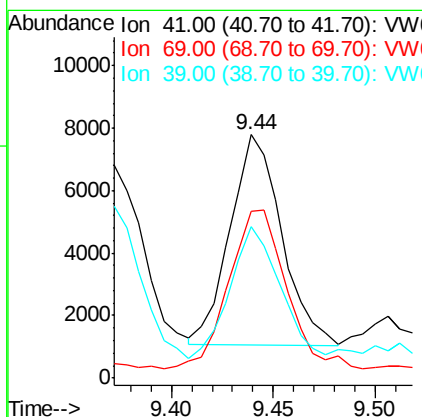
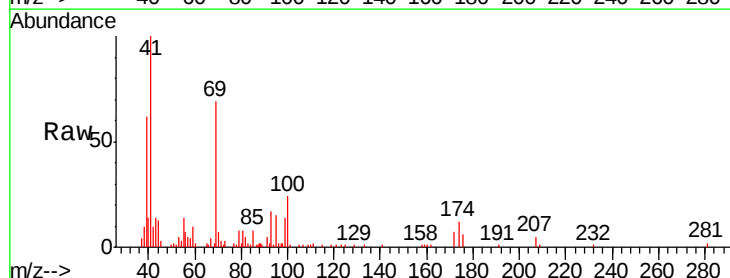
RT: 9.44 min Scan# 1236

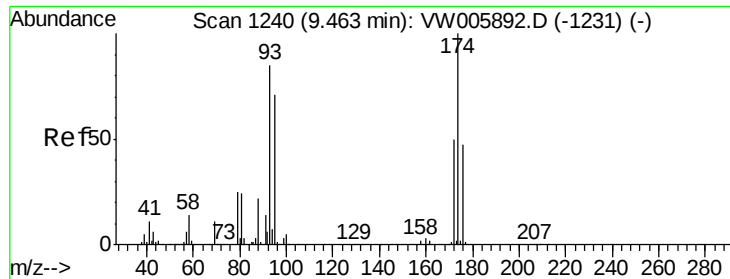
Delta R.T. -0.00 min

Lab File: VW005886.D

Acq: 08 Oct 2018 10:31

Tgt Ion:	41	Resp:	11820
Ion	Ratio	Lower	Upper
41	100		
69	85.2	68.7	103.1
39	60.6	50.0	75.0





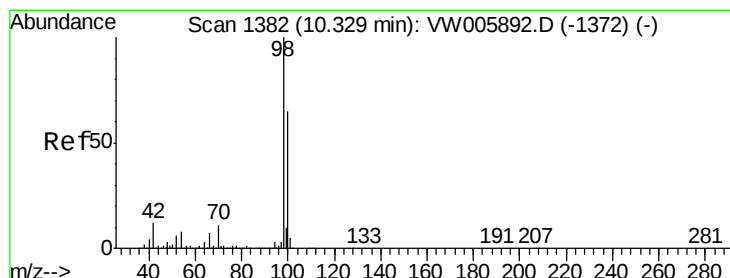
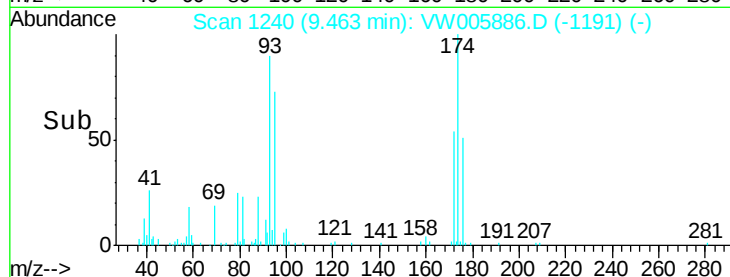
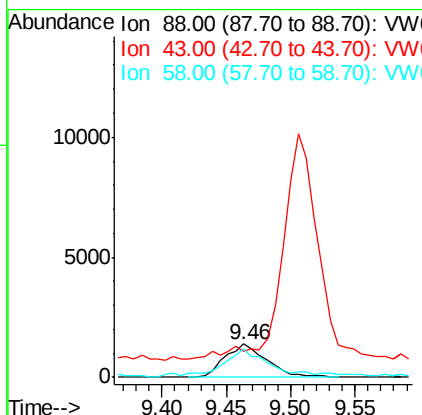
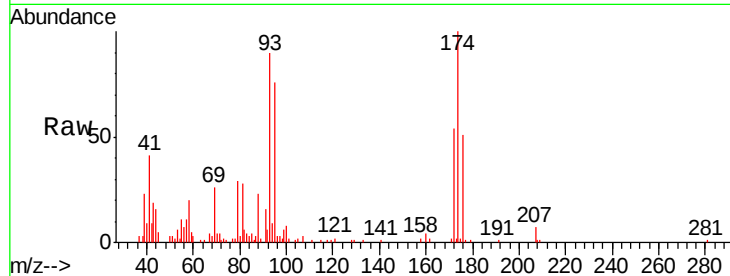
#49
1,4-Dioxane
Concen: 101.61 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VW005886.D
Acq: 08 Oct 2018 10:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
88	100		
43	23.6	0.0	0.0#
58	84.3	57.7	86.5

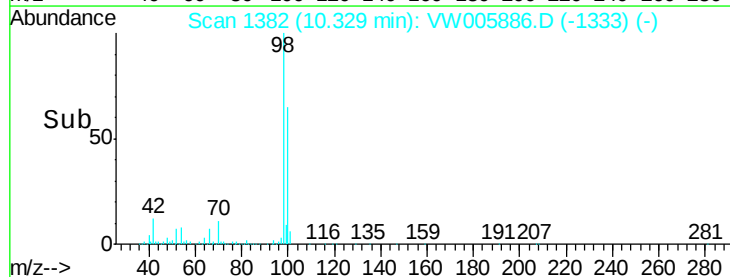
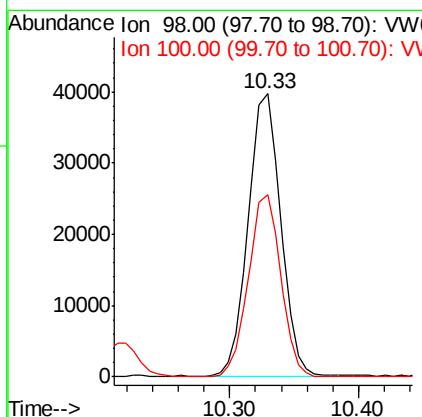
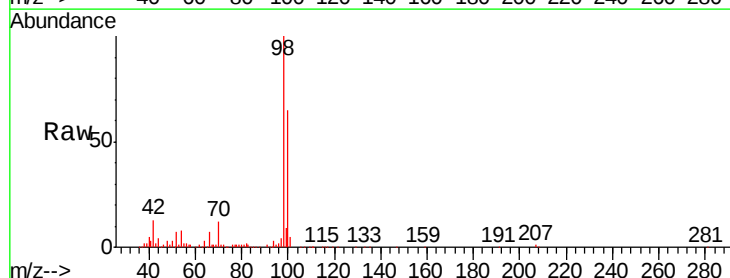
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#50
Toluene-d8
Concen: 4.96 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005886.D
Acq: 08 Oct 2018 10:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.9	77.9





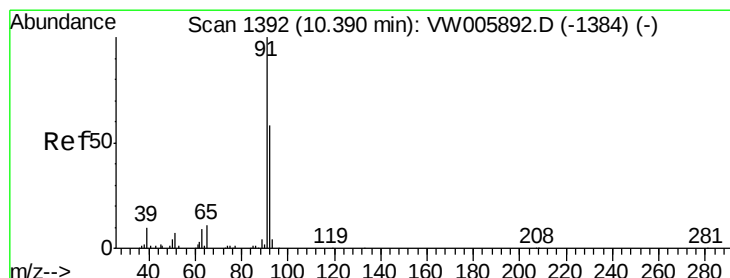
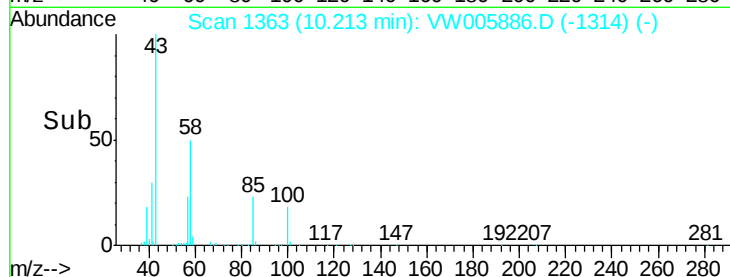
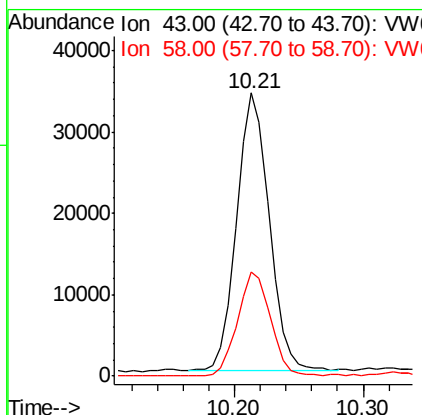
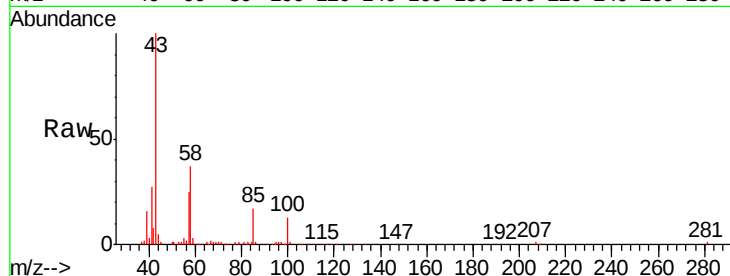
#51
4-Methyl-2-Pentanone
Concen: 25.22 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW005886.D
Acq: 08 Oct 2018 10:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 59135
Ion Ratio Lower Upper
43 100
58 38.6 30.2 45.4

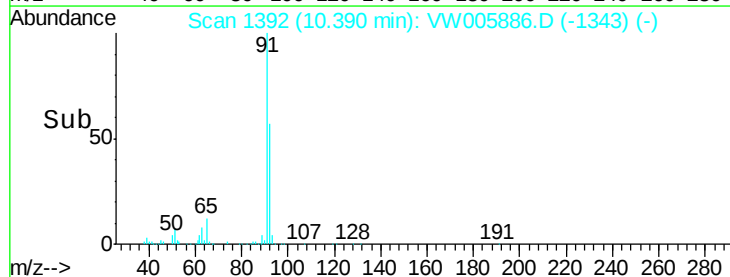
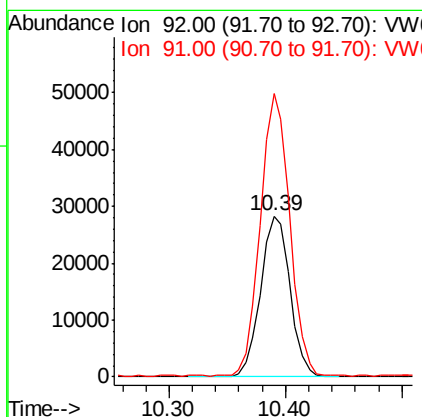
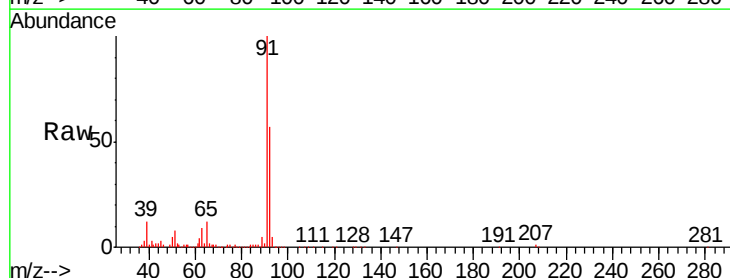
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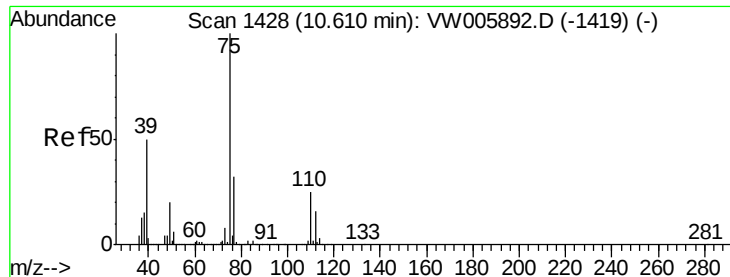
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#52
Toluene
Concen: 5.12 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW005886.D
Acq: 08 Oct 2018 10:31

Tgt Ion: 92 Resp: 50068
Ion Ratio Lower Upper
92 100
91 174.2 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 5.04 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005886.D

Acq: 08 Oct 2018 10:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 27176

Ion Ratio Lower Upper

75 100

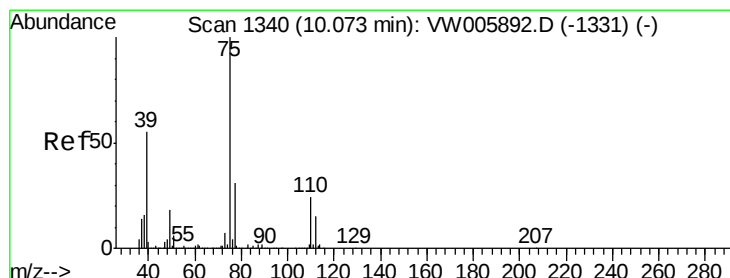
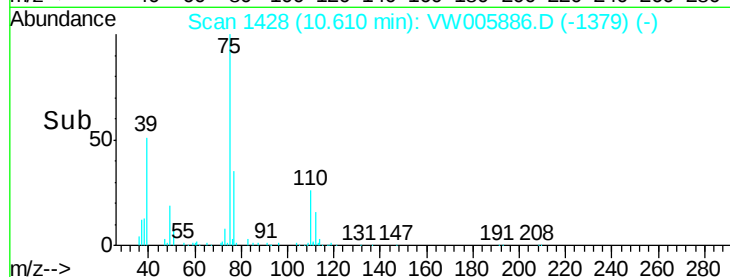
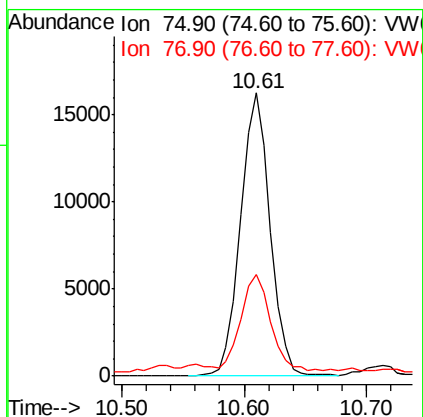
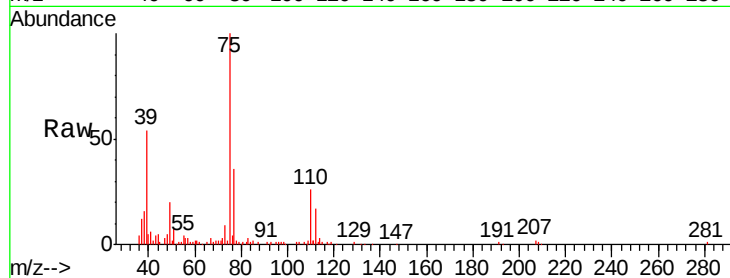
77 33.9 25.4 38.2

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#54

cis-1,3-Dichloropropene

Concen: 5.13 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW005886.D

Acq: 08 Oct 2018 10:31

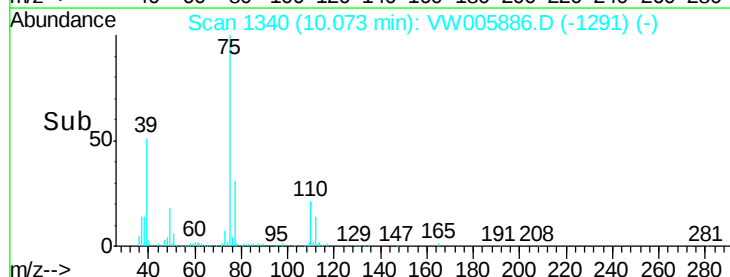
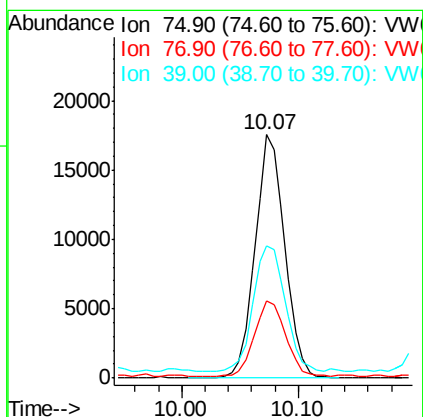
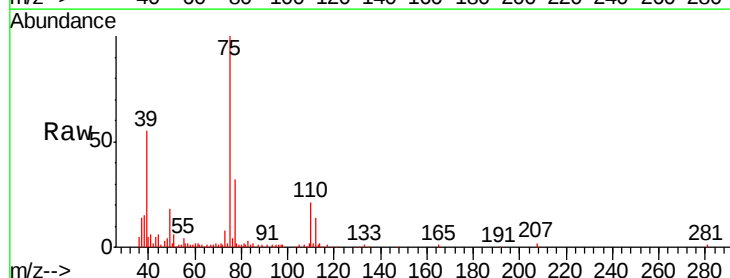
Tgt Ion: 75 Resp: 31095

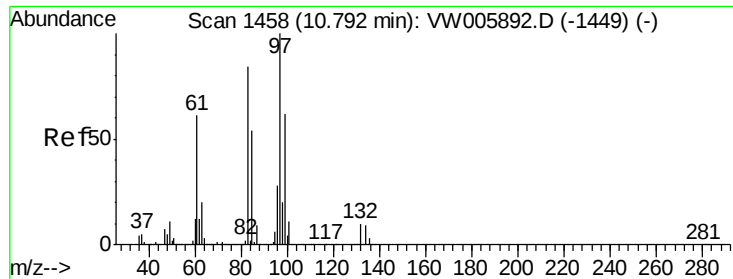
Ion Ratio Lower Upper

75 100

77 30.9 24.6 37.0

39 51.3 44.2 66.4





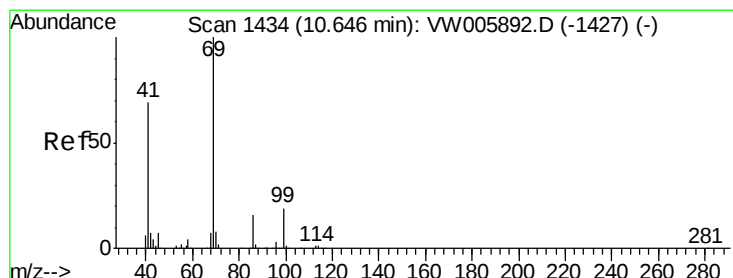
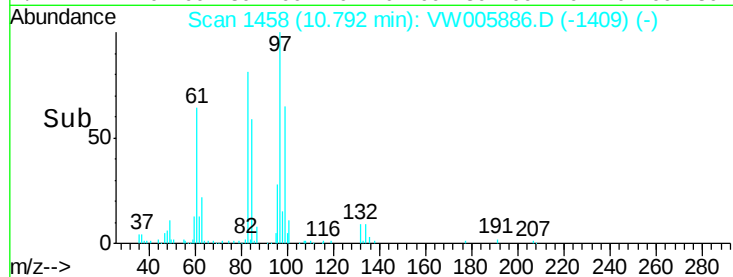
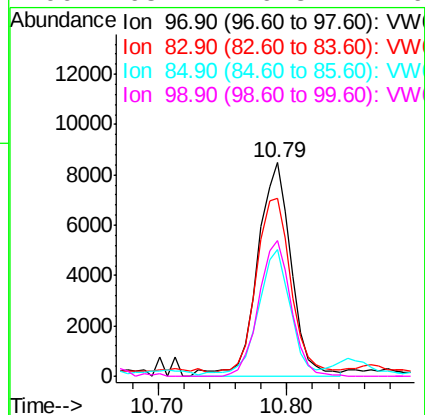
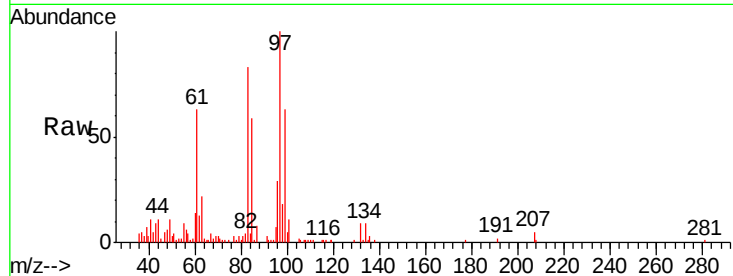
#55
 1,1,2-Trichloroethane
 Concen: 5.39 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005886.D
 Acq: 08 Oct 2018 10:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion:	97	Resp:	15301
Ion	Ratio	Lower	Upper
97	100		
83	80.6	66.9	100.3
85	57.5	43.4	65.0
99	63.4	49.8	74.6

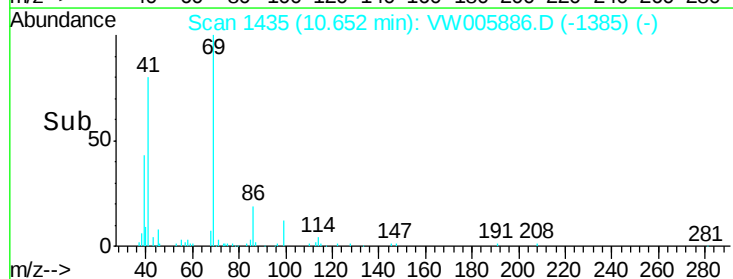
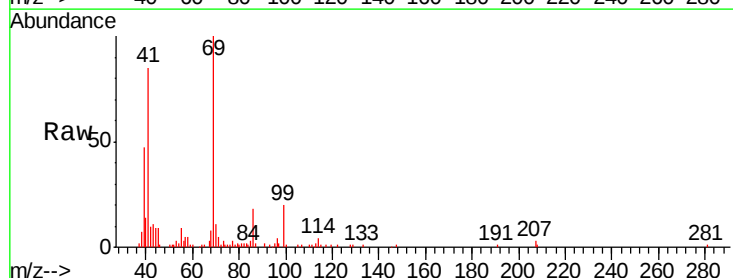
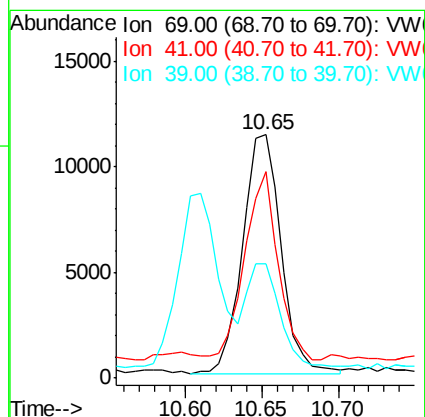
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#56
 Ethyl methacrylate
 Concen: 5.15 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: VW005886.D
 Acq: 08 Oct 2018 10:31

Tgt Ion:	69	Resp:	19695
Ion	Ratio	Lower	Upper
69	100		
41	70.0	56.0	84.0
39	37.5	33.5	50.3





#57

1,3-Dichloropropane

Concen: 5.18 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW005886.D

Acq: 08 Oct 2018 10:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 24740

Ion Ratio Lower Upper

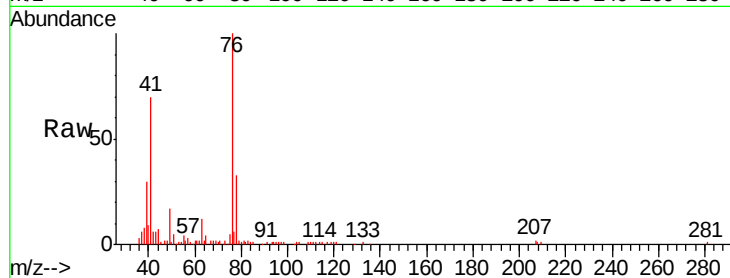
76 100

78 32.4 25.8 38.6

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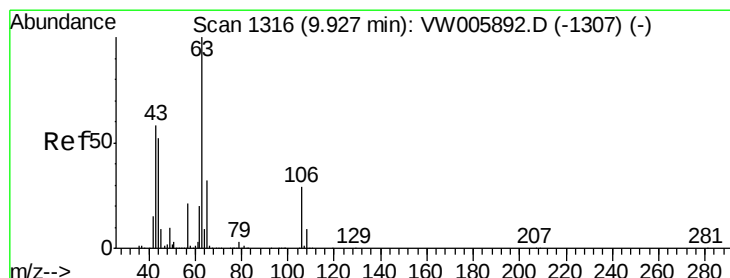
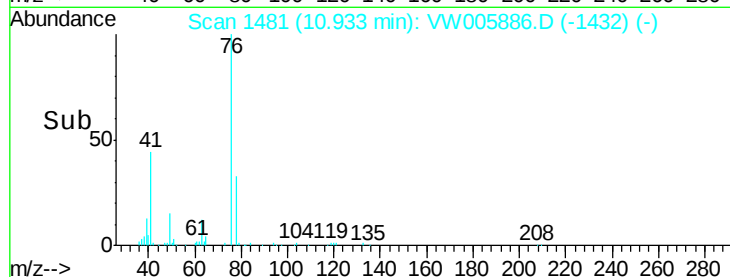
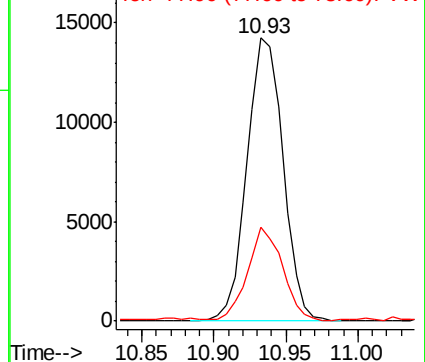
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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 28.00 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW005886.D

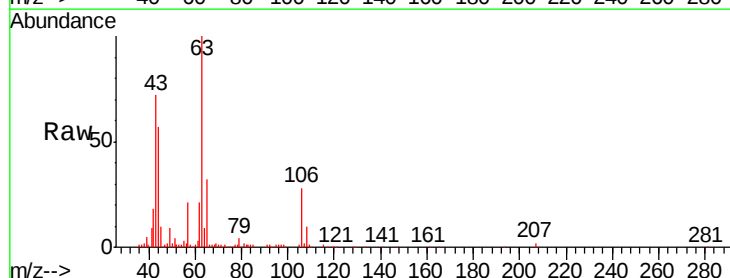
Acq: 08 Oct 2018 10:31

Tgt Ion: 63 Resp: 43591

Ion Ratio Lower Upper

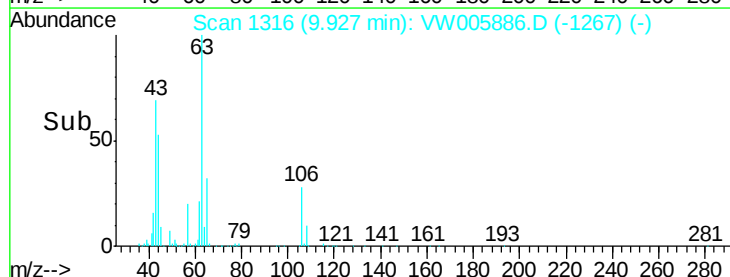
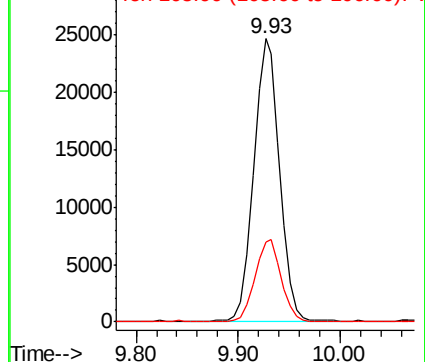
63 100

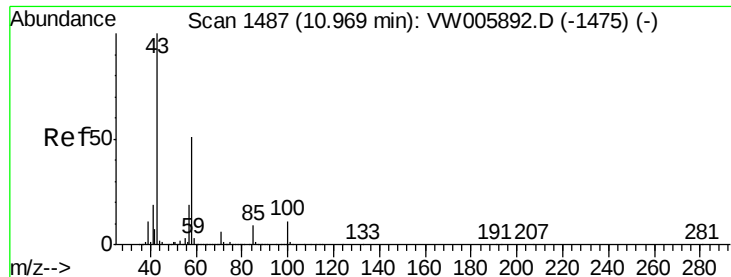
106 29.7 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V





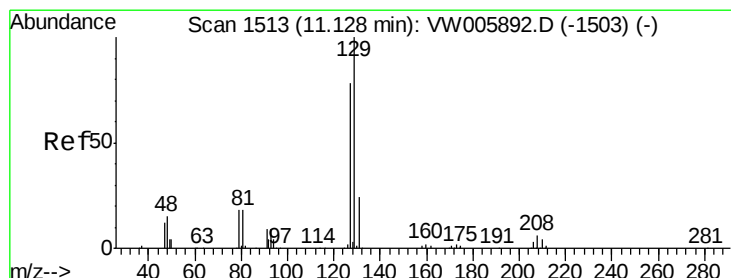
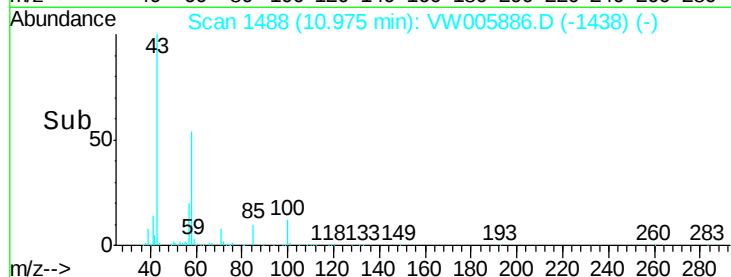
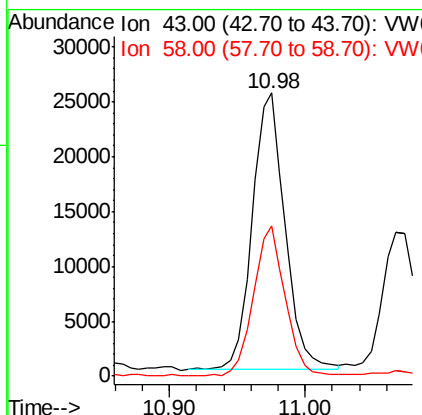
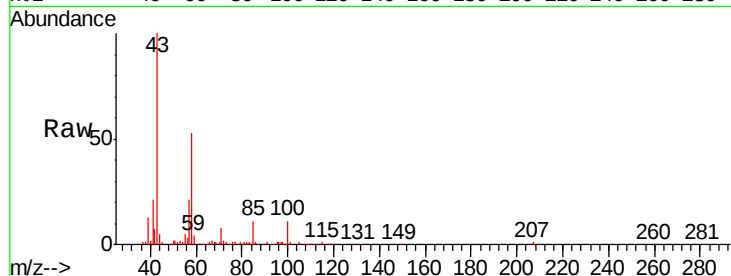
#59
2-Hexanone
Concen: 25.08 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW005886.D
Acq: 08 Oct 2018 10:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 42168
Ion Ratio Lower Upper
43 100
58 53.6 25.7 77.1

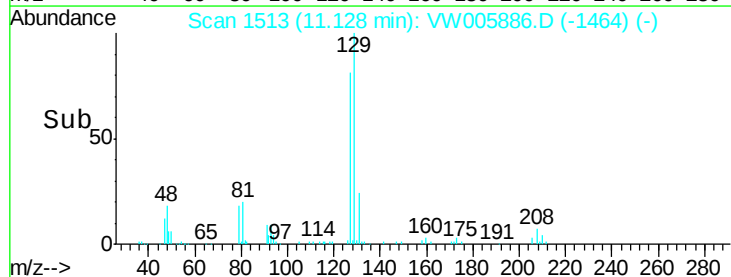
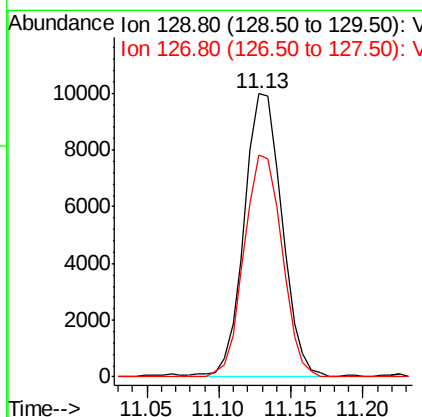
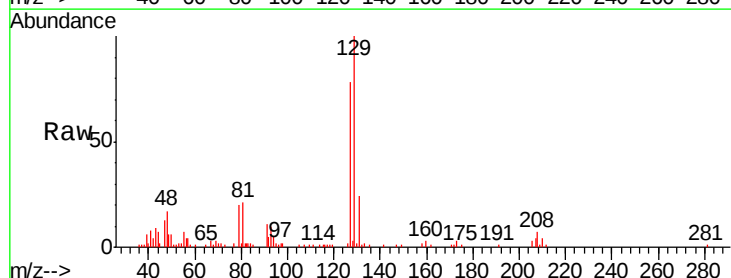
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#60
Dibromochloromethane
Concen: 4.97 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW005886.D
Acq: 08 Oct 2018 10:31

Tgt Ion: 129 Resp: 18201
Ion Ratio Lower Upper
129 100
127 78.5 38.5 115.5





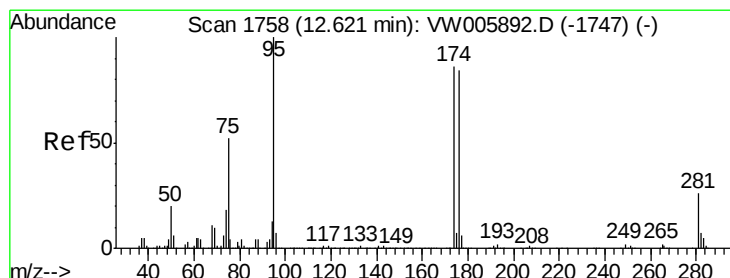
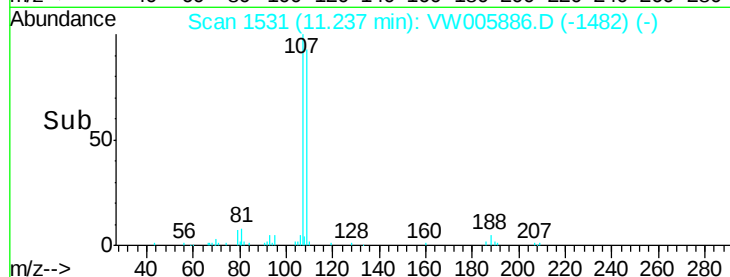
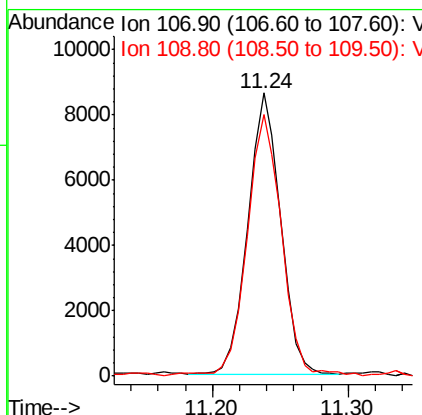
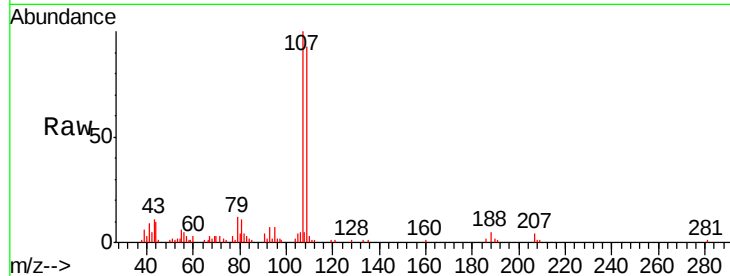
#61
1,2-Dibromoethane
Concen: 5.11 ug/l
RT: 11.24 min Scan# 1531
Delta R.T. -0.00 min
Lab File: VW005886.D
Acq: 08 Oct 2018 10:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
107	100		
109	99.1	75.8	113.8

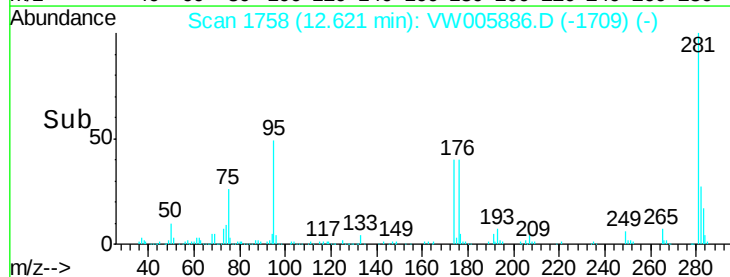
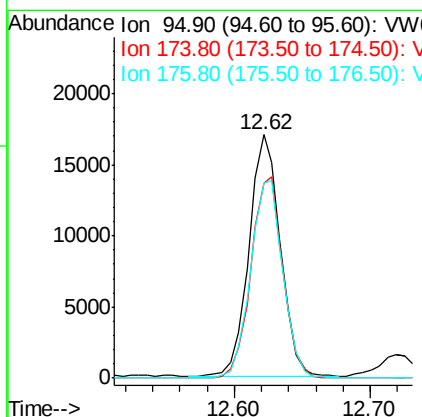
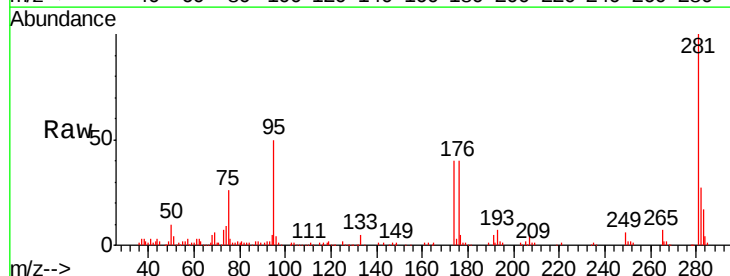
Manual Integrations
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#62
4-Bromofluorobenzene
Concen: 5.14 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005886.D
Acq: 08 Oct 2018 10:31

Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.1	0.0	176.4
176	84.5	0.0	173.0





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW005886.D

Acq: 08 Oct 2018 10:31

Instrument :

MSVOA_W

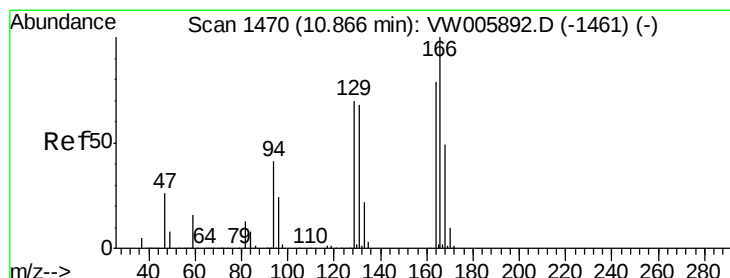
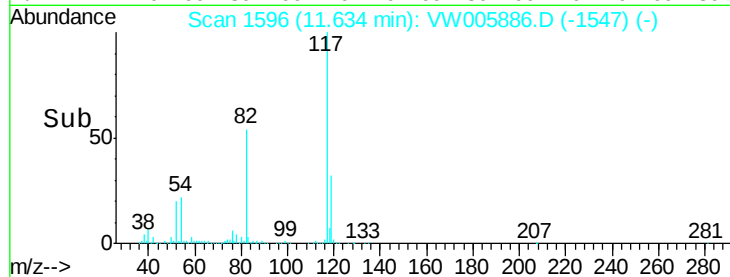
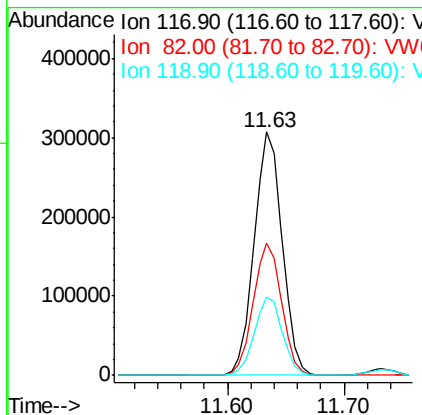
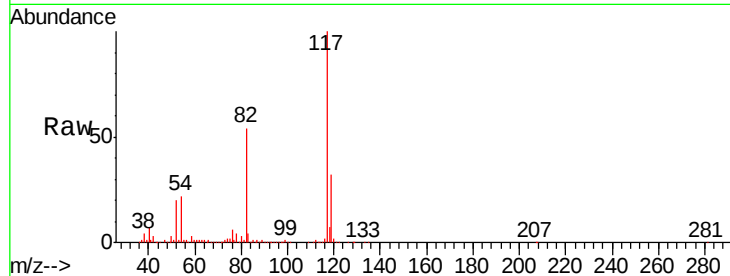
ClientSampleId :

VSTDIC005

Tgt Ion:	117	Resp:	515078
Ion Ratio	Lower	Upper	
117	100		
82	54.3	43.5	65.3
119	32.0	25.4	38.2

Manual Integrations
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#64

Tetrachloroethene

Concen: 5.29 ug/l

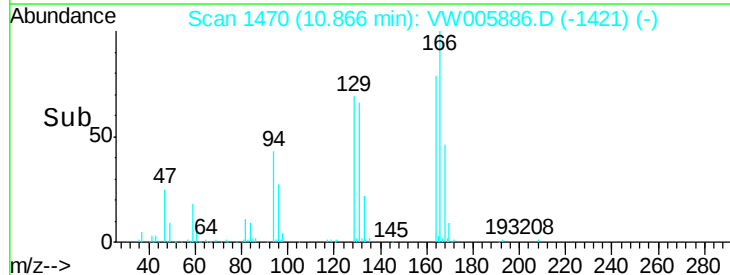
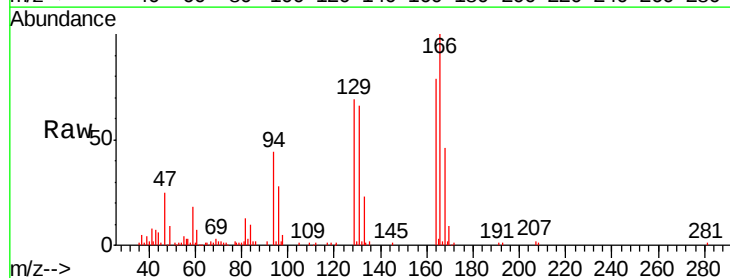
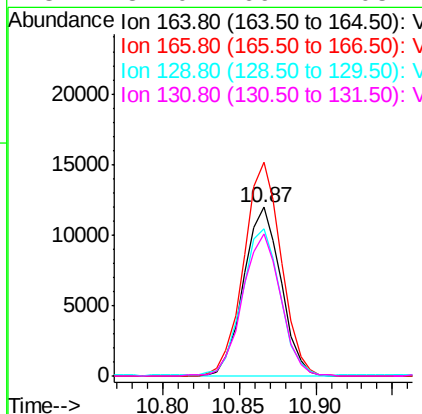
RT: 10.87 min Scan# 1470

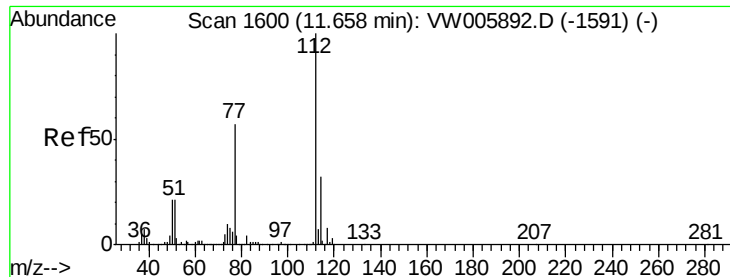
Delta R.T. -0.00 min

Lab File: VW005886.D

Acq: 08 Oct 2018 10:31

Tgt Ion:	164	Resp:	20283
Ion Ratio	Lower	Upper	
164	100		
166	126.5	101.5	152.3
129	87.1	71.1	106.7
131	84.0	69.1	103.7





#65

Chlorobenzene

Concen: 5.13 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VW005886.D

Acq: 08 Oct 2018 10:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion:112 Resp: 56635

Ion Ratio Lower Upper

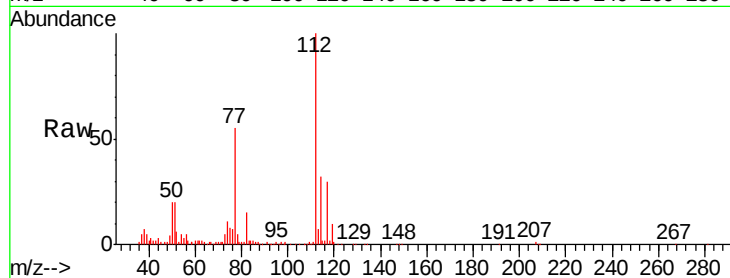
112 100

114 32.1 25.6 38.4

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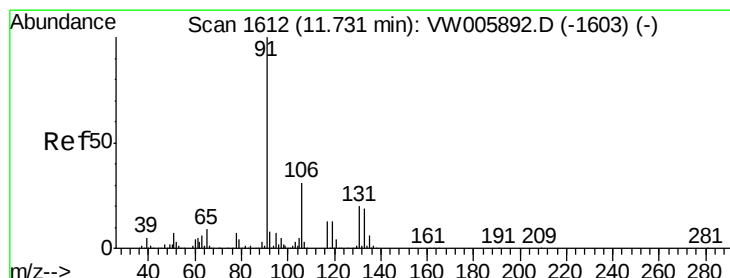
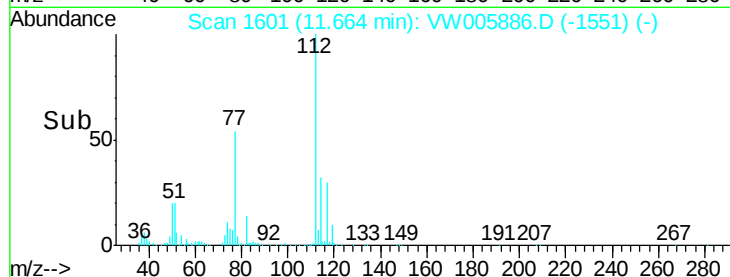
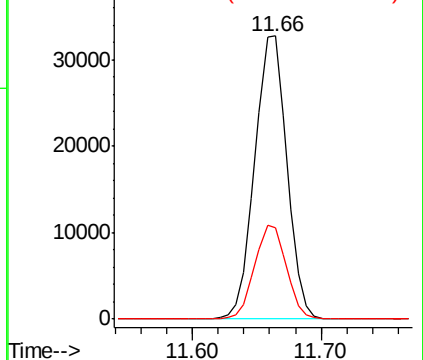
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 4.90 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW005886.D

Acq: 08 Oct 2018 10:31

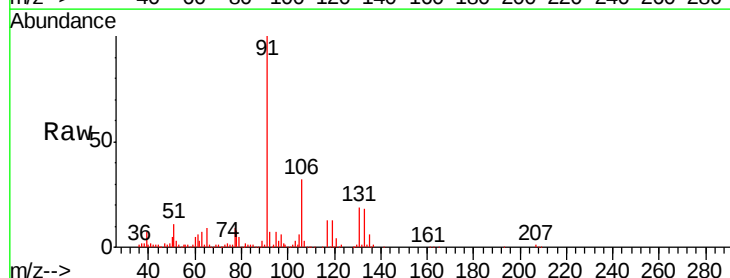
Tgt Ion:131 Resp: 19822

Ion Ratio Lower Upper

131 100

133 99.9 48.2 144.6

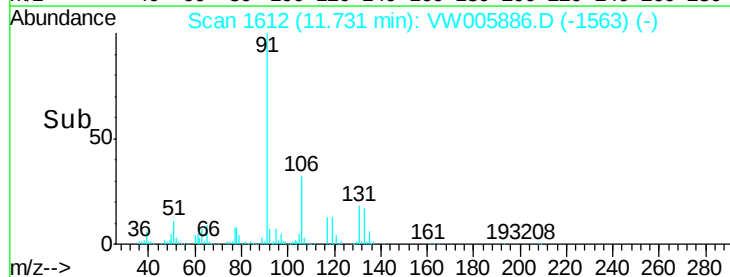
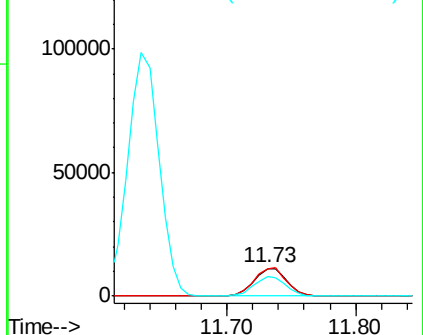
119 66.9 32.5 97.5

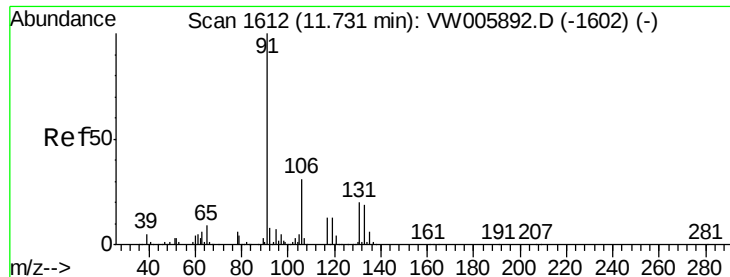


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 5.14 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. 0.01 min

Lab File: VW005886.D

Acq: 08 Oct 2018 10:31

Instrument :

MSVOA_W

ClientSampled :

VSTDIC005

Tgt Ion: 91 Resp: 100072

Ion Ratio Lower Upper

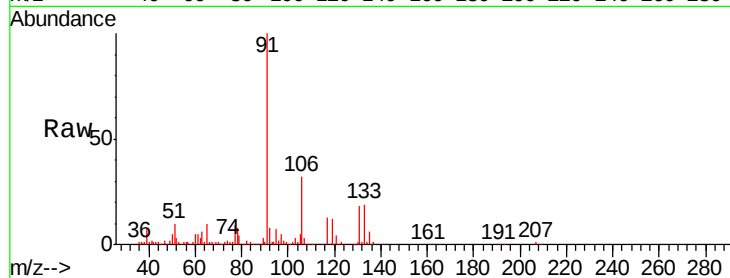
91 100

106 32.5 25.0 37.6

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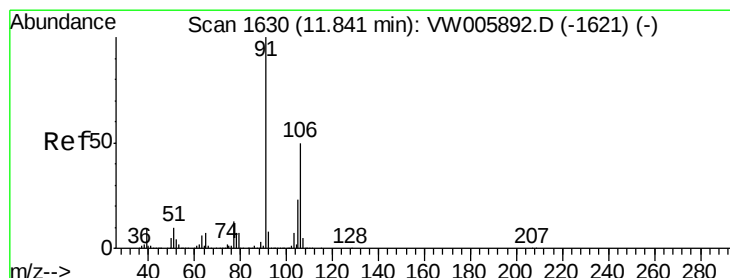
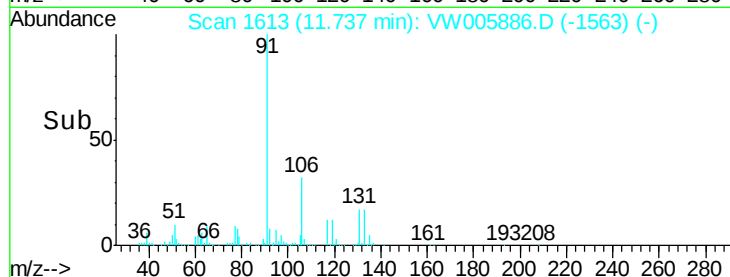
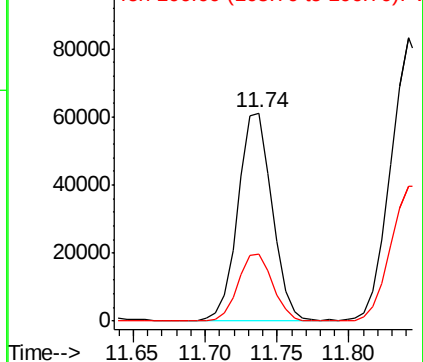
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 10.19 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW005886.D

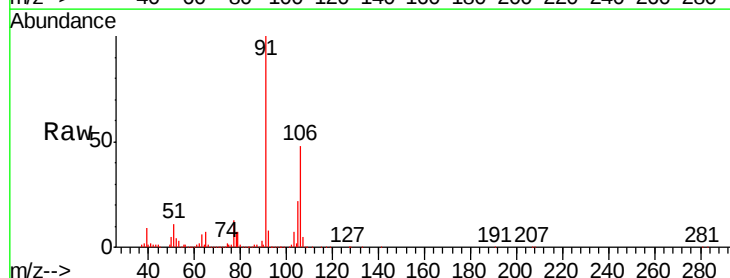
Acq: 08 Oct 2018 10:31

Tgt Ion: 106 Resp: 77631

Ion Ratio Lower Upper

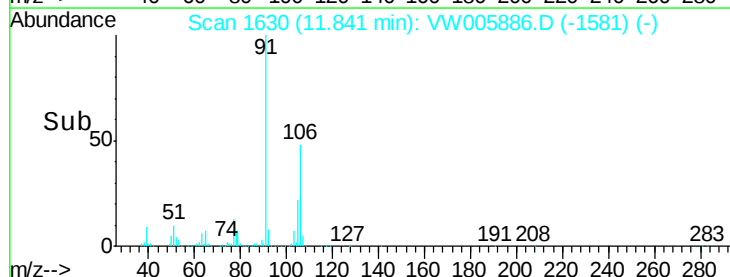
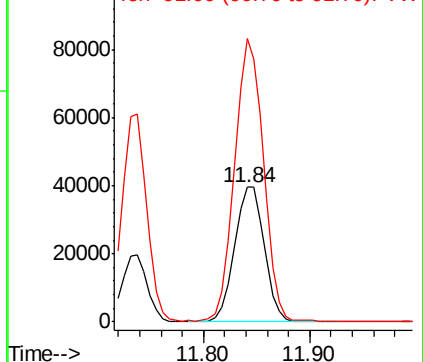
106 100

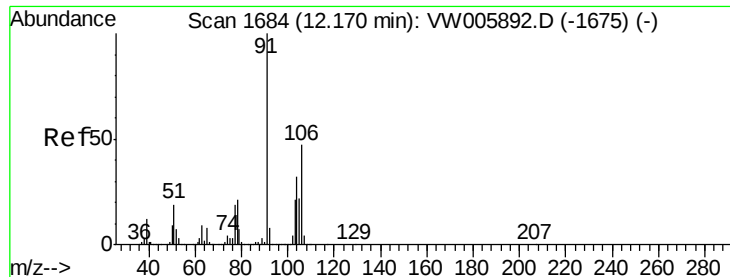
91 202.7 160.2 240.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#69

o-Xylene

Concen: 5.09 ug/l

RT: 12.17 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VW005886.D

Acq: 08 Oct 2018 10:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion:106 Resp: 37078

Ion Ratio Lower Upper

106 100

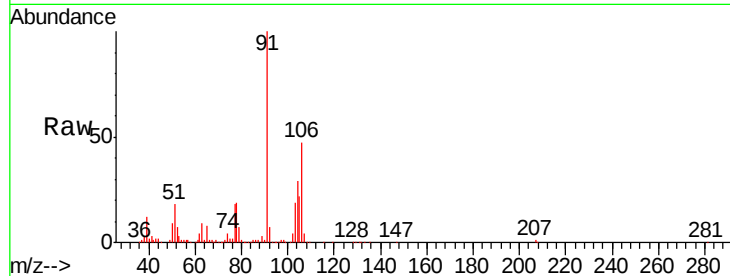
91 213.8 106.2 318.5

Manual Integrations

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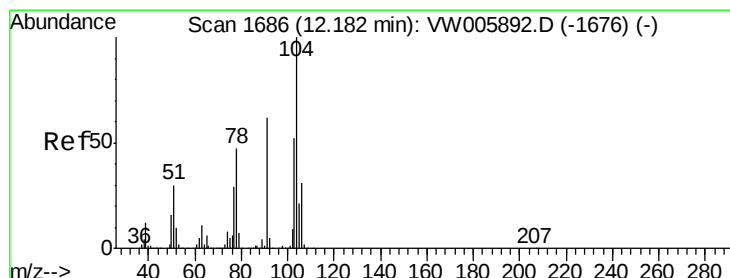
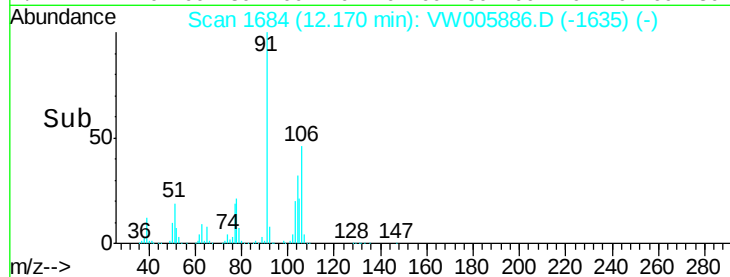
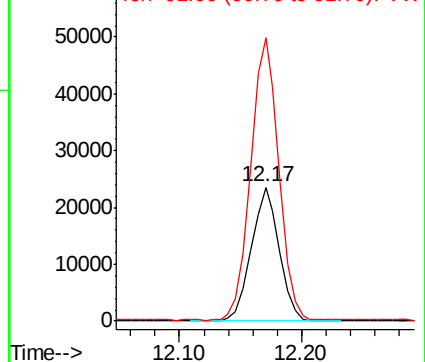
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#70

Styrene

Concen: 5.03 ug/l

RT: 12.18 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VW005886.D

Acq: 08 Oct 2018 10:31

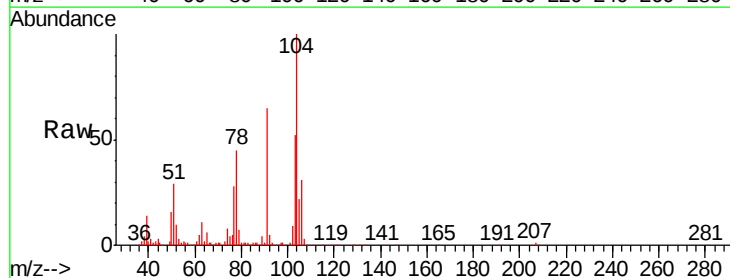
Tgt Ion:104 Resp: 60906

Ion Ratio Lower Upper

104 100

78 50.7 40.4 60.6

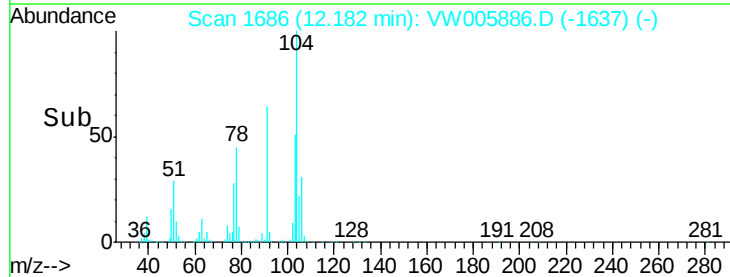
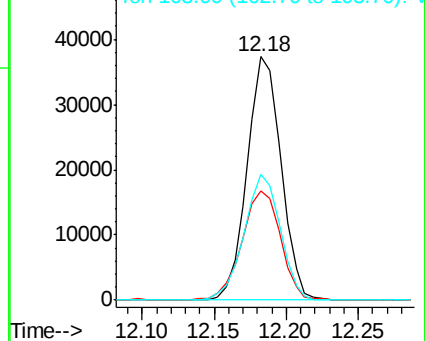
103 55.1 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VW

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 4.91 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005886.D

Acq: 08 Oct 2018 10:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion:173 Resp: 11823

Ion Ratio Lower Upper

173 100

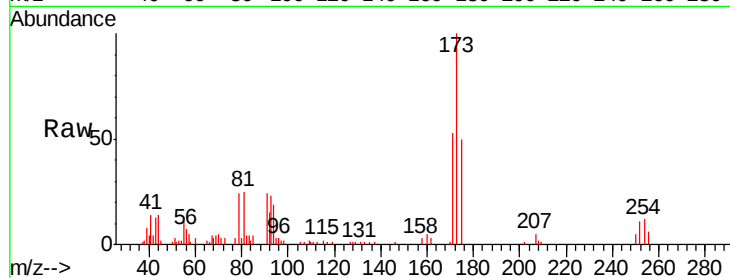
175 49.3 24.7 74.1

254 0.0 0.2 0.2#

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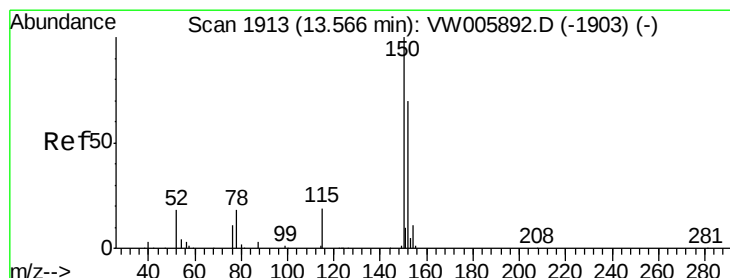
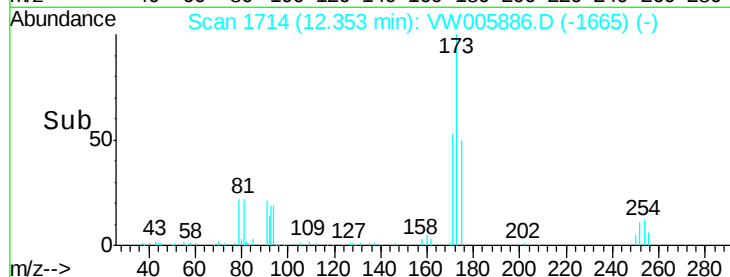
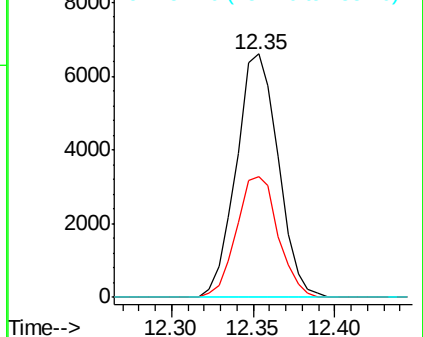
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005886.D

Acq: 08 Oct 2018 10:31

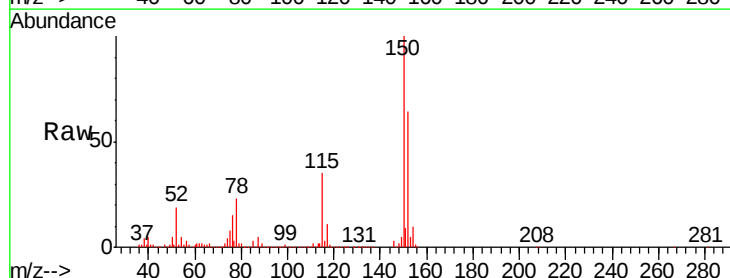
Tgt Ion:152 Resp: 274910

Ion Ratio Lower Upper

152 100

115 56.2 28.3 85.0

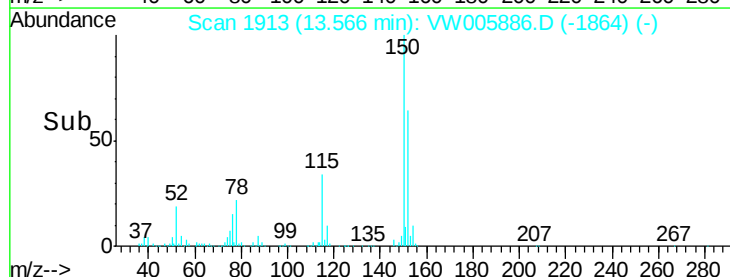
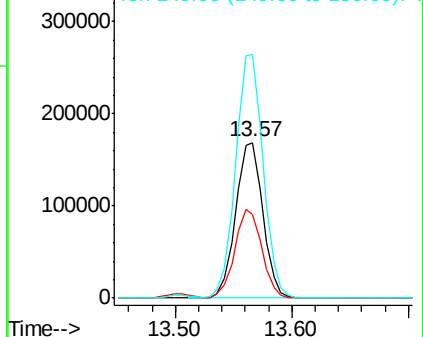
150 158.4 0.0 349.2

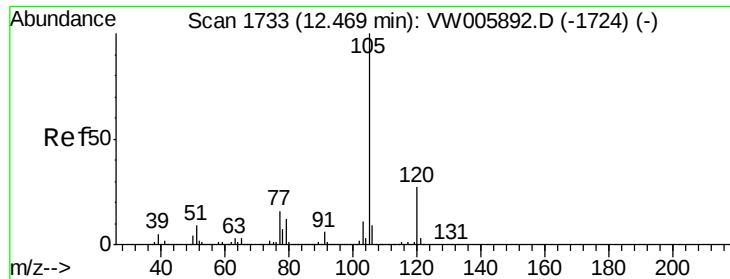


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.13 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005886.D

Acq: 08 Oct 2018 10:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion: 105 Resp: 103077

Ion Ratio Lower Upper

105 100

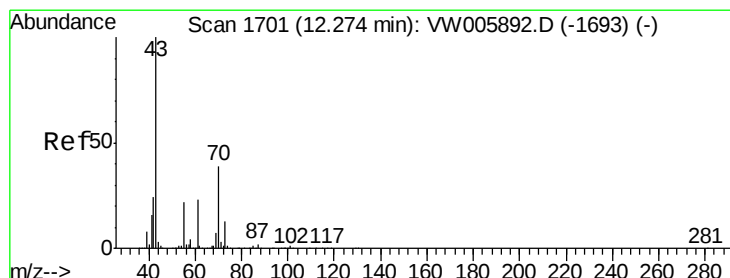
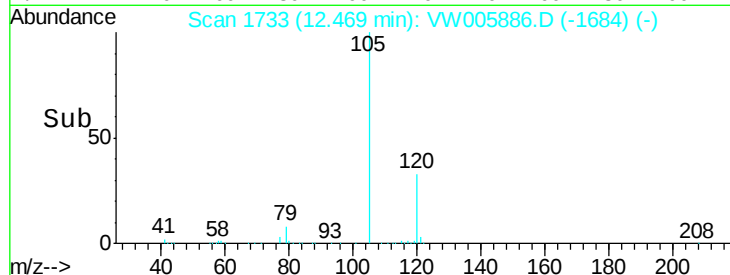
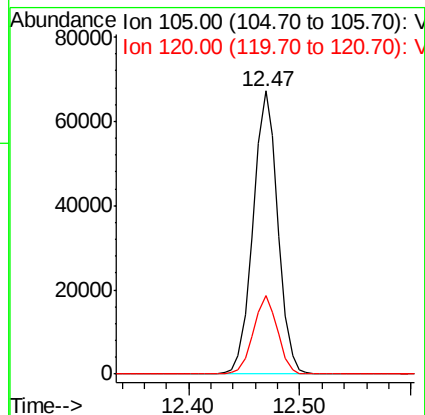
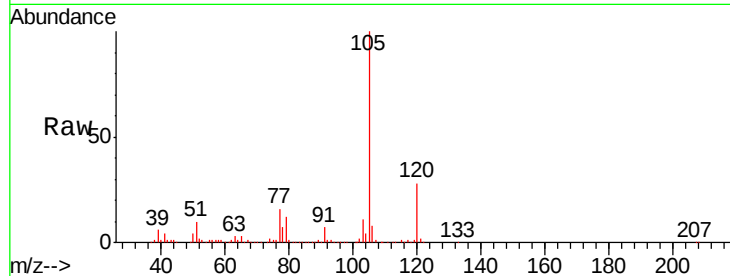
120 27.4 13.6 40.8

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#74

N-ethyl acetate

Concen: 5.09 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.01 min

Lab File: VW005886.D

Acq: 08 Oct 2018 10:31

Tgt Ion: 43 Resp: 24278

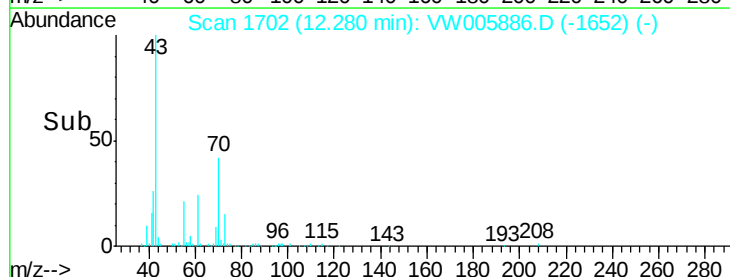
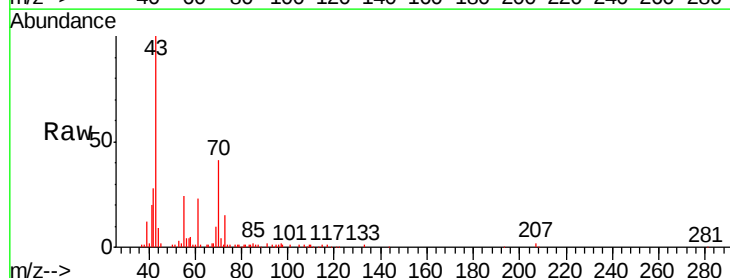
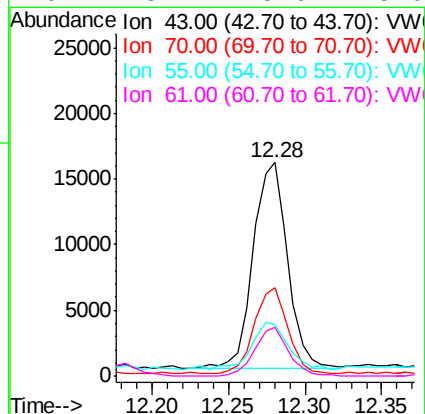
Ion Ratio Lower Upper

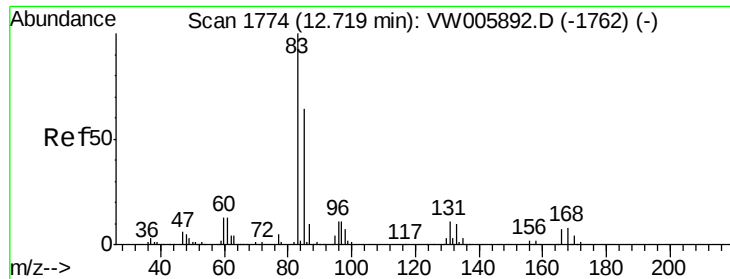
43 100

70 41.4 31.6 47.4

55 23.9 17.9 26.9

61 23.4 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 5.14 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005886.D

Acq: 08 Oct 2018 10:31

Instrument :

MSVOA_W

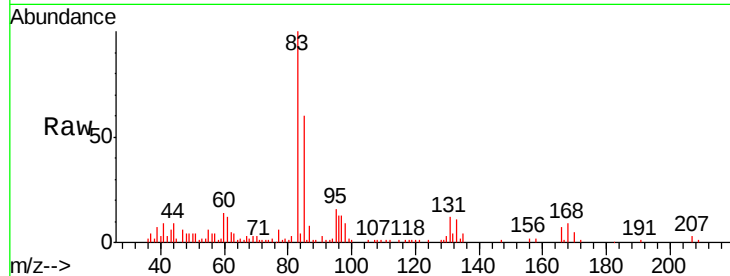
ClientSampled :

VSTDIC005

Tgt Ion:	83	Resp:	16907
Ion Ratio	Lower	Upper	
83	100		
131	12.5	5.8	17.3
85	62.6	32.4	97.0

Manual Integrations
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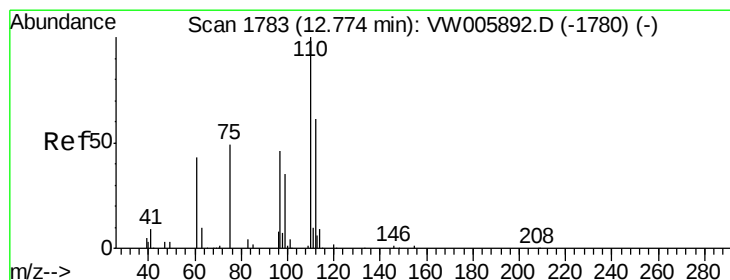
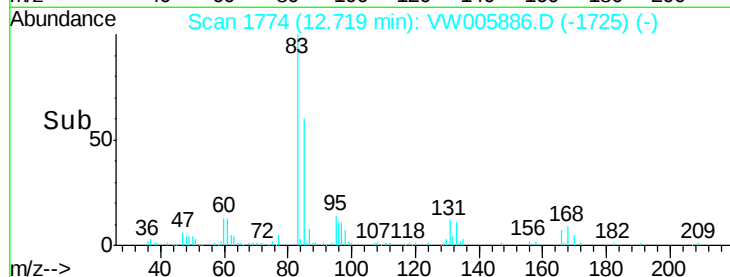
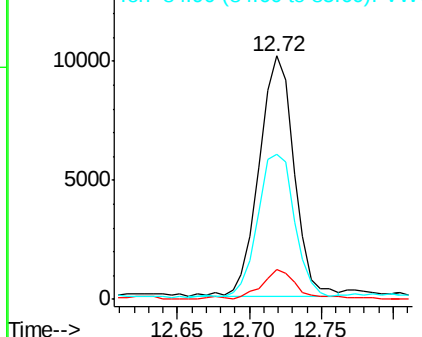
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Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 2.53 ug/l m

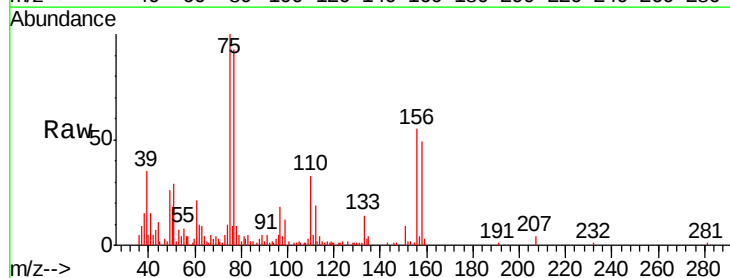
RT: 12.77 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VW005886.D

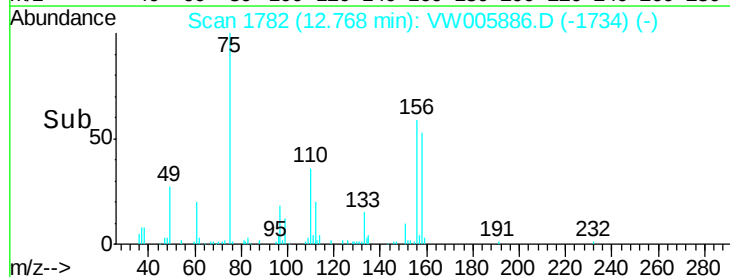
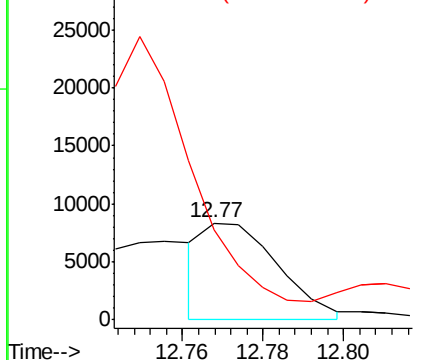
Acq: 08 Oct 2018 10:31

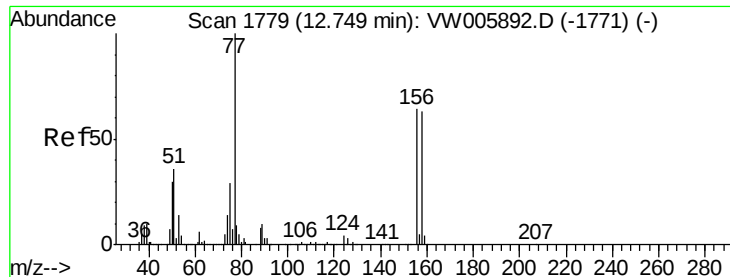
Tgt Ion:	75	Resp:	10655
Ion Ratio	Lower	Upper	
75	100		
77	401.7	0.0	0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 5.03 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW005886.D

Acq: 08 Oct 2018 10:31

Instrument :

MSVOA_W

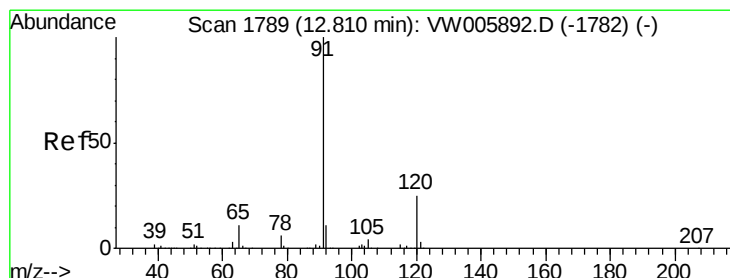
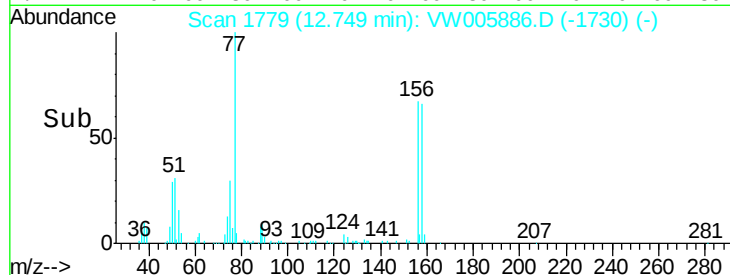
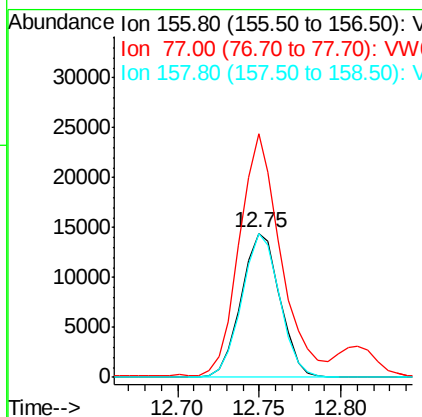
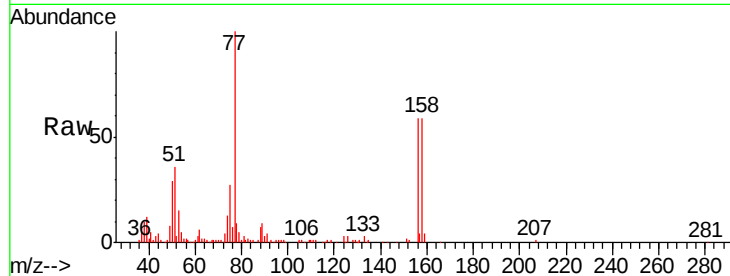
ClientSampleId :

VSTDIC005

Tgt Ion:	156	Resp:	23923
Ion Ratio	Lower	Upper	
156	100		
77	178.9	85.8	257.4
158	97.8	49.1	147.4

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#78

n-propylbenzene

Concen: 5.22 ug/l

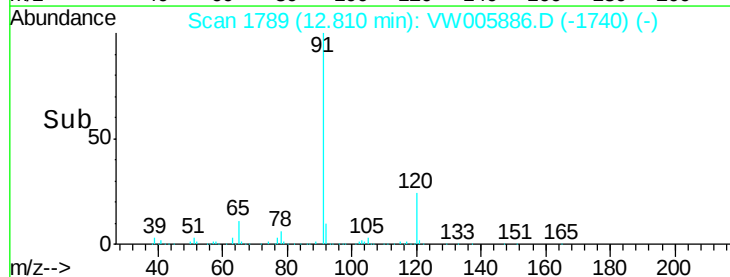
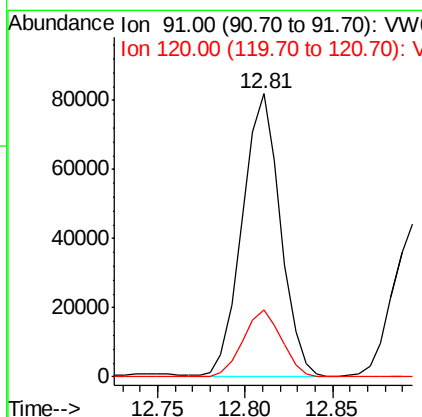
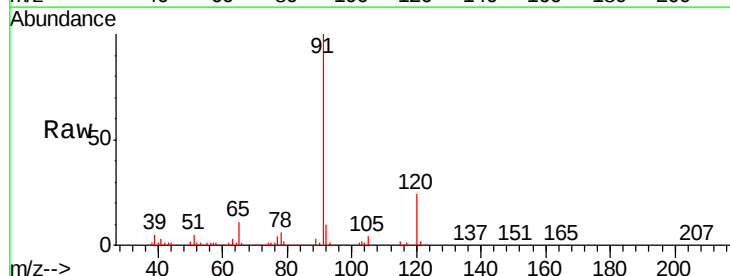
RT: 12.81 min Scan# 1789

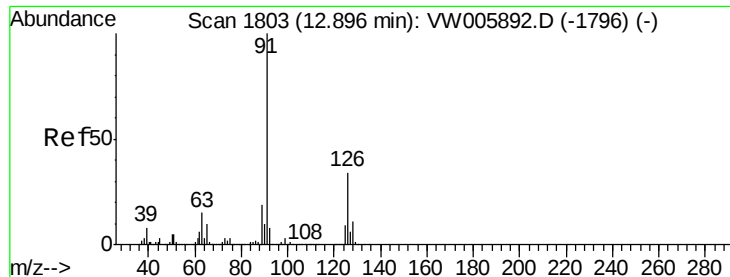
Delta R.T. -0.00 min

Lab File: VW005886.D

Acq: 08 Oct 2018 10:31

Tgt Ion:	91	Resp:	123372
Ion Ratio	Lower	Upper	
91	100		
120	24.1	12.0	36.0





#79

2-Chlorotoluene

Concen: 5.18 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005886.D

Acq: 08 Oct 2018 10:31

Instrument :

MSVOA_W

ClientSampled :

VSTDIC005

Tgt Ion: 91 Resp: 69100

Ion Ratio Lower Upper

91 100

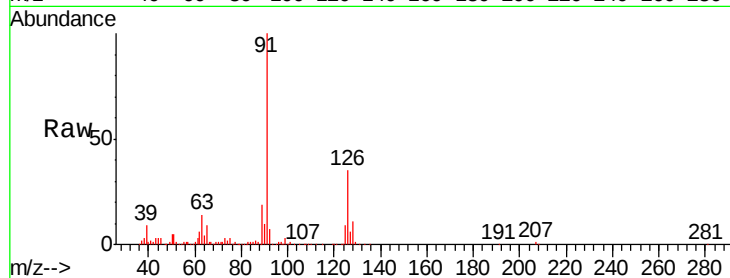
126 34.9 17.5 52.5

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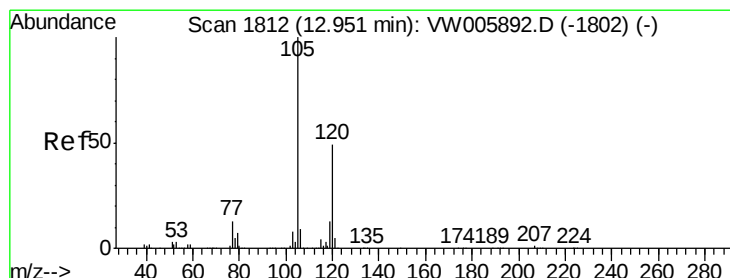
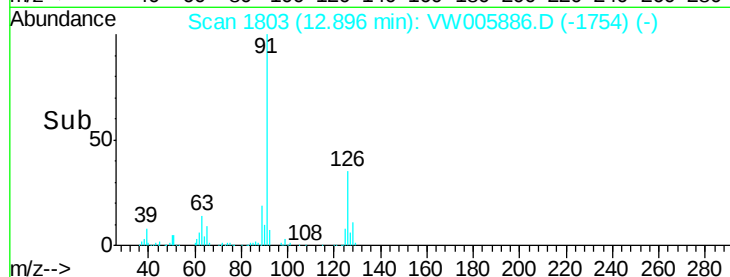
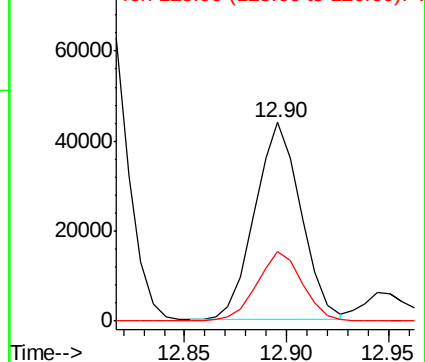
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 5.15 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005886.D

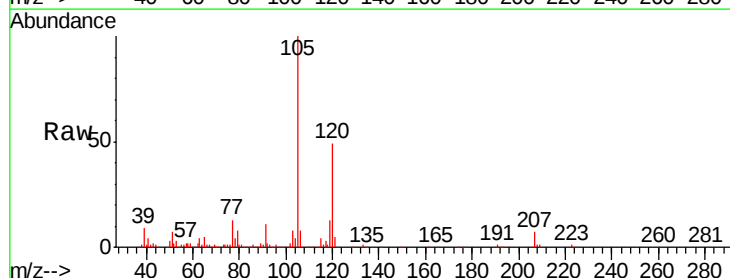
Acq: 08 Oct 2018 10:31

Tgt Ion: 105 Resp: 87240

Ion Ratio Lower Upper

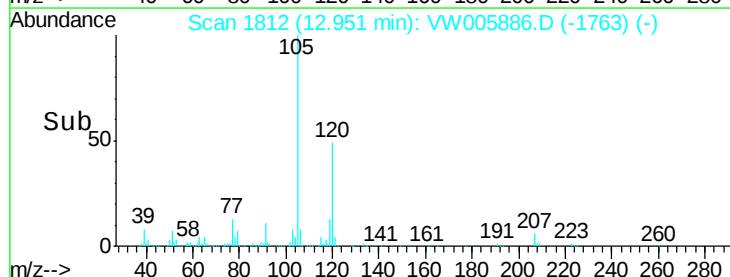
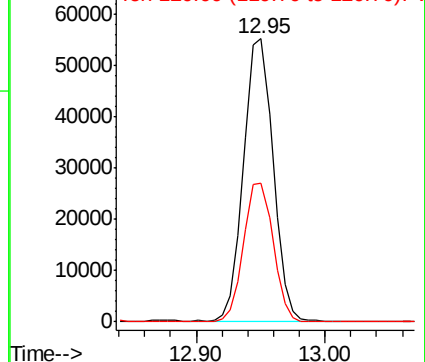
105 100

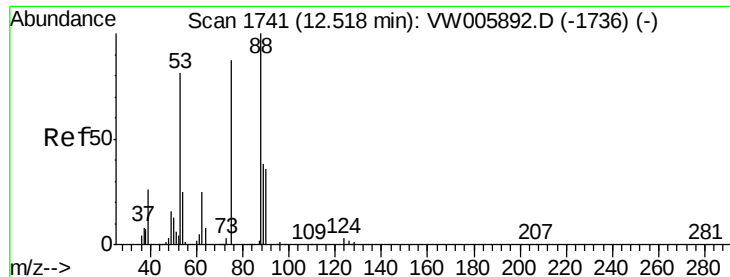
120 49.6 24.6 73.8



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: 5.26 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW005886.D

Acq: 08 Oct 2018 10:31

Instrument :

MSVOA_W

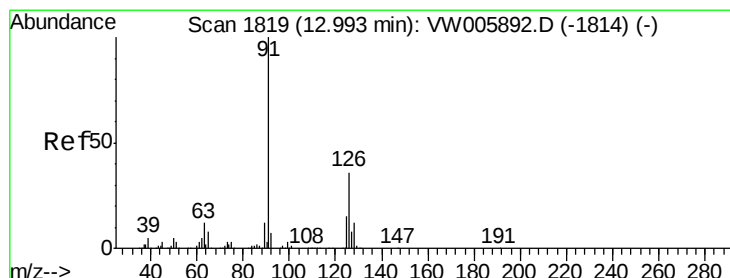
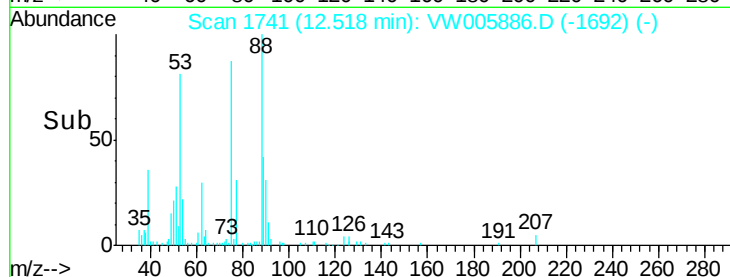
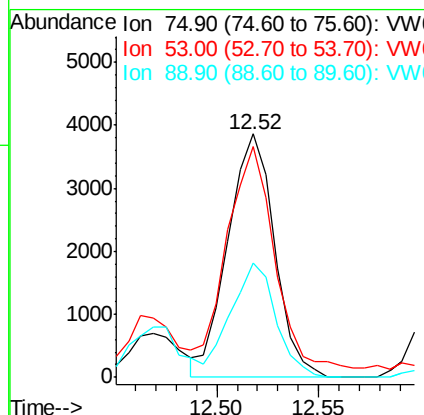
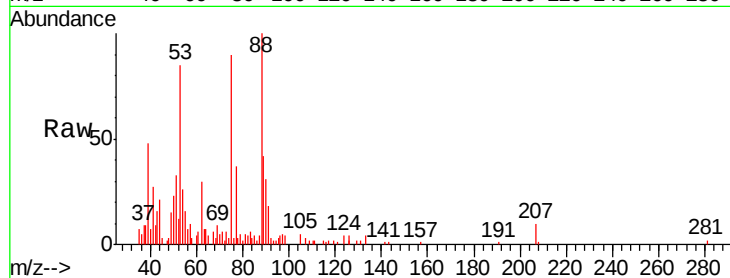
ClientSampled :

VSTDIC005

Tgt Ion:	75	Resp:	6119
Ion	Ratio	Lower	Upper
75	100		
53	91.9	76.5	114.7
89	45.4	37.6	56.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 5.12 ug/l

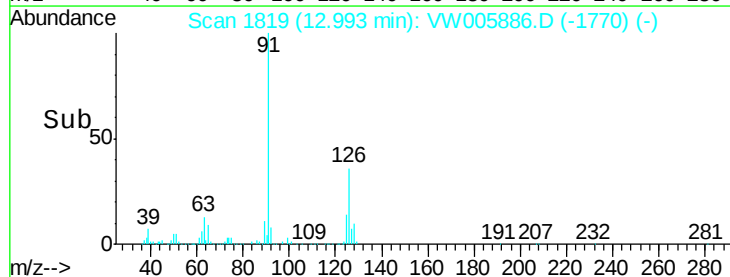
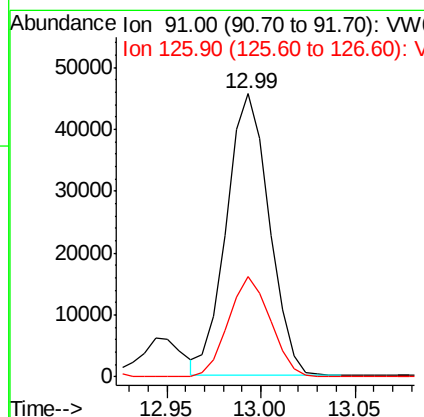
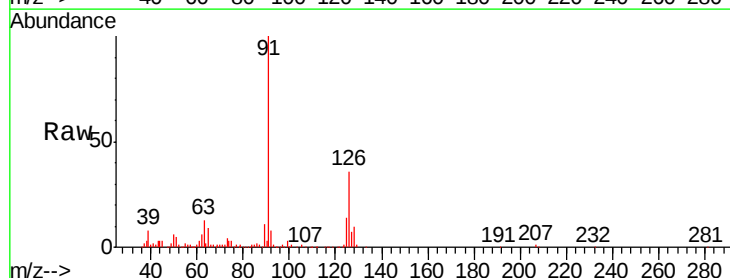
RT: 12.99 min Scan# 1819

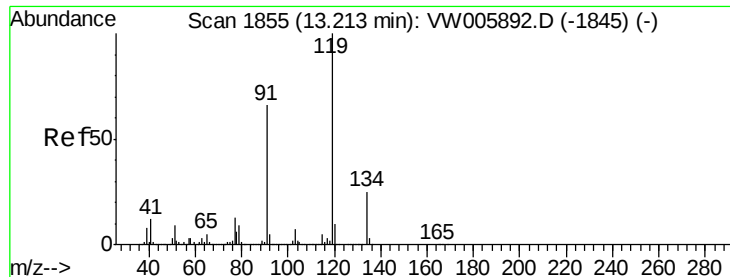
Delta R.T. -0.00 min

Lab File: VW005886.D

Acq: 08 Oct 2018 10:31

Tgt Ion:	91	Resp:	71847
Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.4	52.2





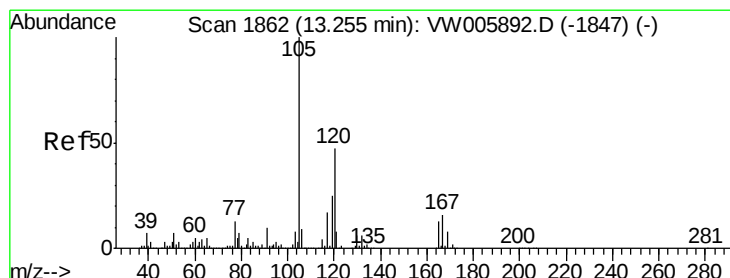
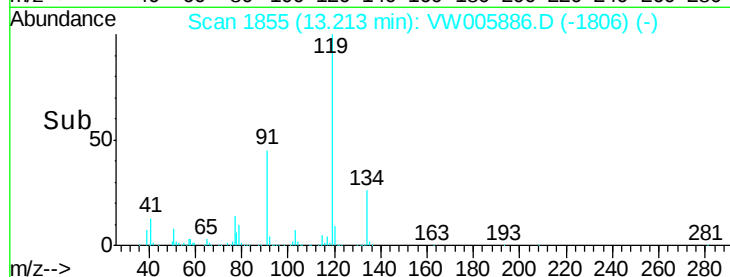
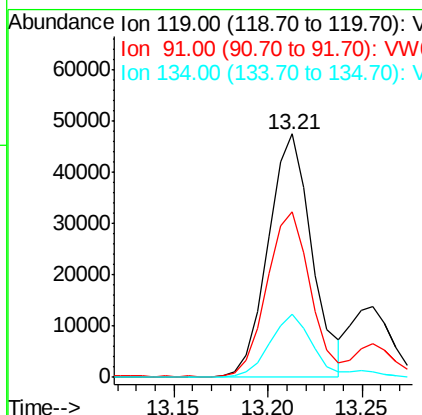
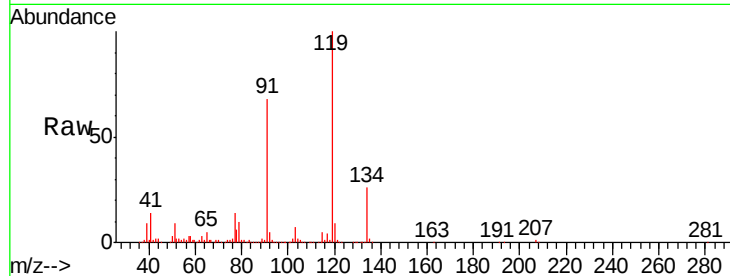
#83
 tert-Butylbenzene
 Concen: 5.04 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW005886.D
 Acq: 08 Oct 2018 10:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
119	100		
91	67.0	32.4	97.0
134	25.4	13.2	39.6

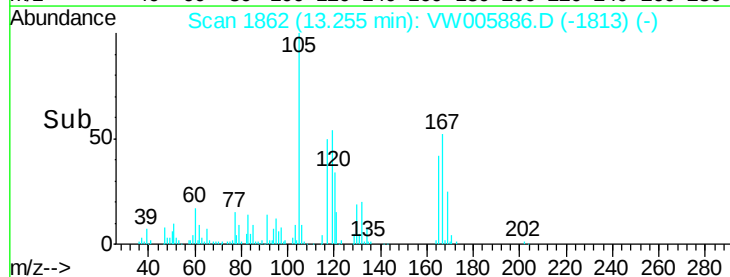
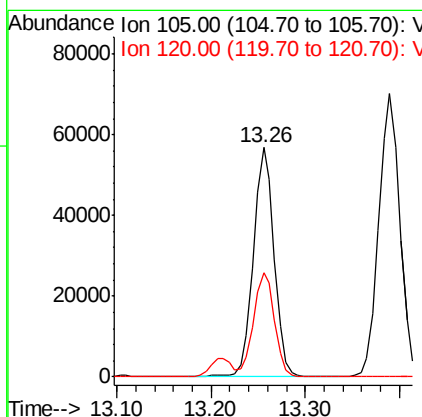
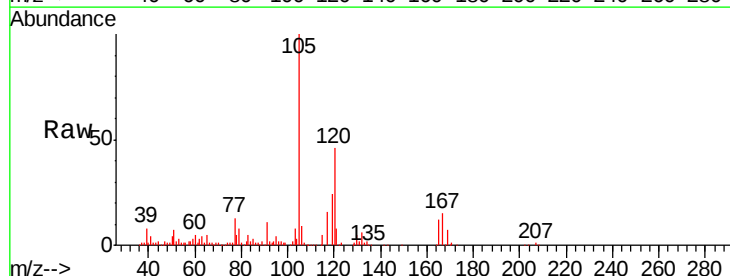
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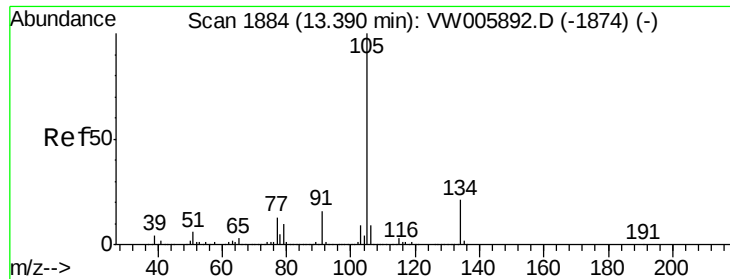
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#84
 1,2,4-Trimethylbenzene
 Concen: 5.13 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW005886.D
 Acq: 08 Oct 2018 10:31

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.6	22.8	68.3





#85

sec-Butylbenzene

Concen: 5.11 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005886.D

Acq: 08 Oct 2018 10:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion:105 Resp: 108162
Ion Ratio Lower Upper

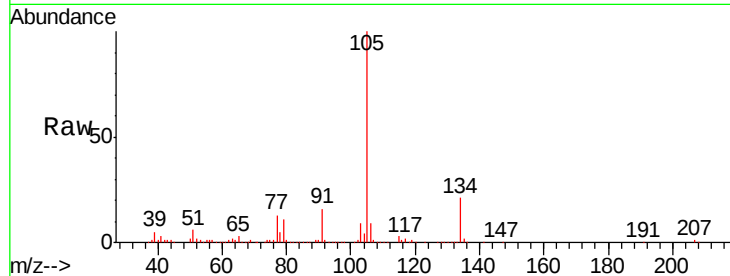
105 100

134 20.7 10.4 31.4

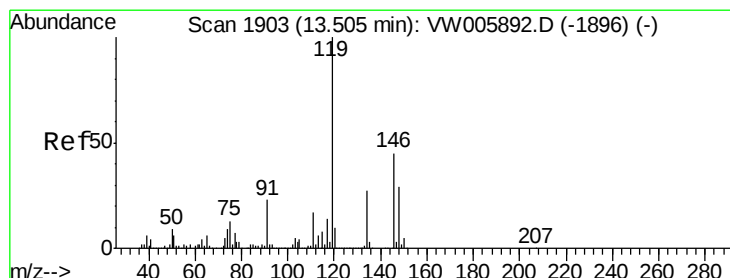
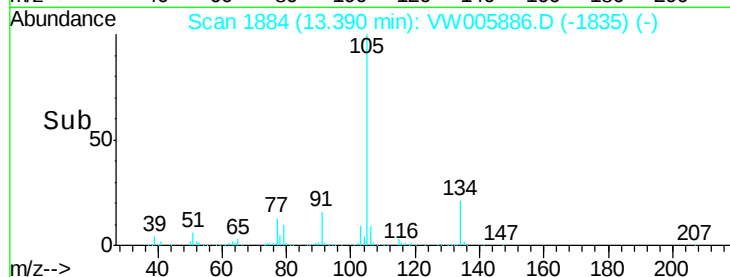
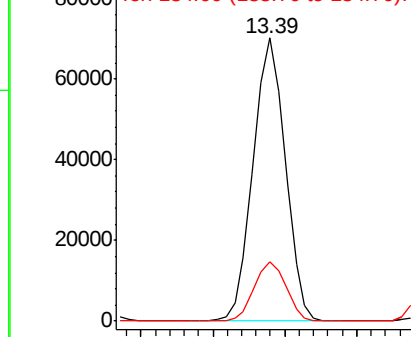
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Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 5.11 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005886.D

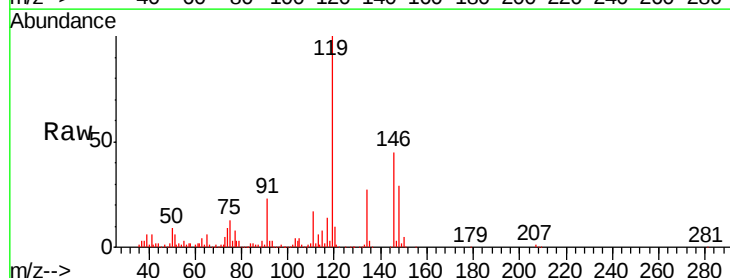
Acq: 08 Oct 2018 10:31

Tgt Ion:119 Resp: 97189
Ion Ratio Lower Upper

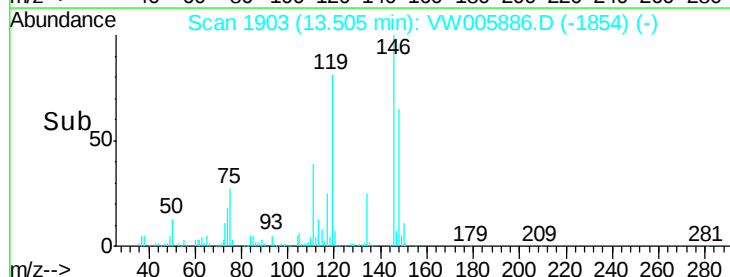
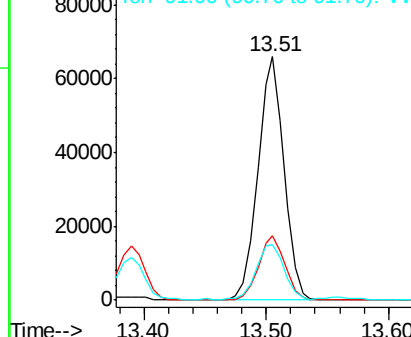
119 100

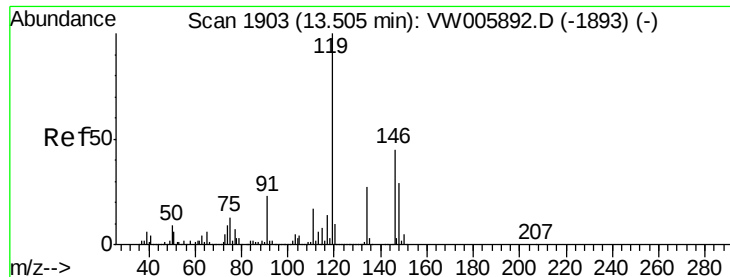
134 27.1 13.5 40.5

91 24.2 11.9 35.5



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 5.08 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005886.D

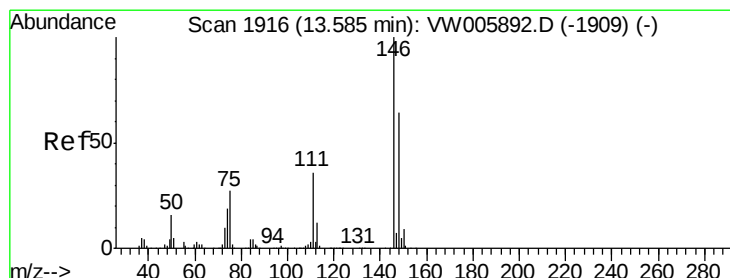
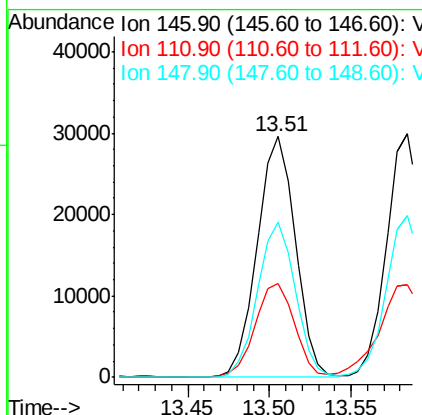
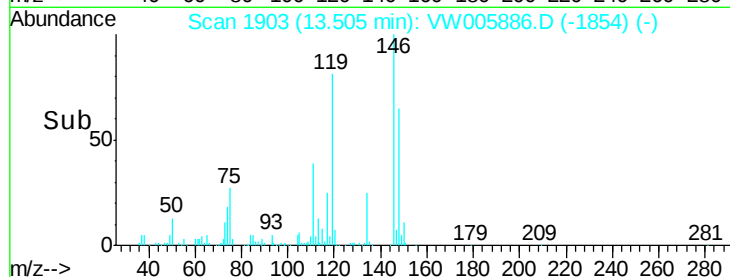
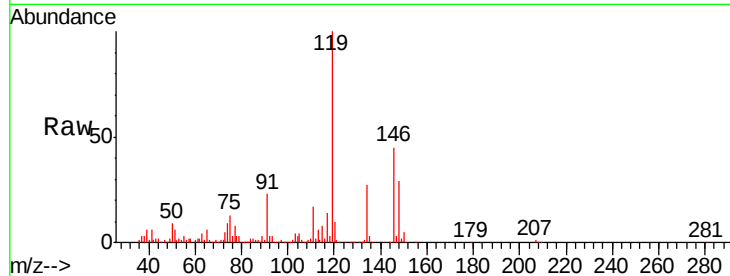
Acq: 08 Oct 2018 10:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.5	58.5
148	63.8	32.1	96.5

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#88

1,4-Dichlorobenzene

Concen: 5.10 ug/l

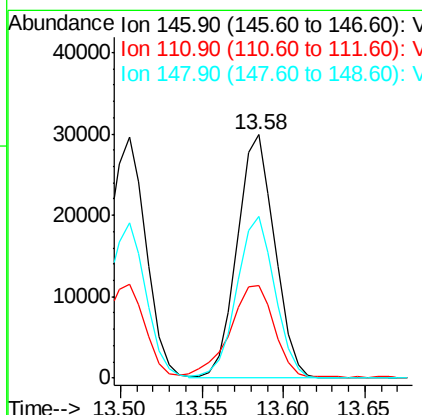
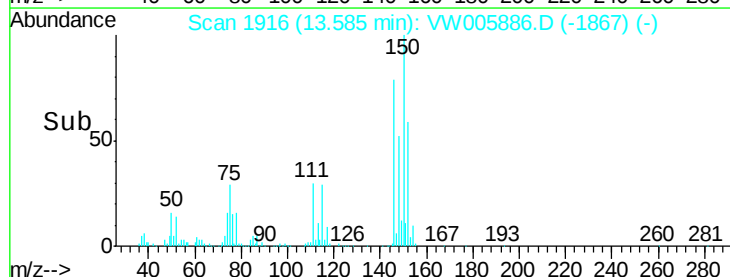
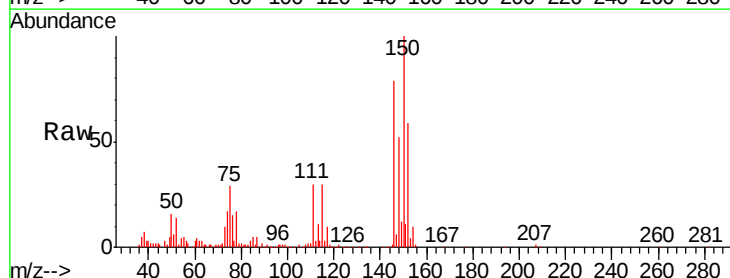
RT: 13.58 min Scan# 1916

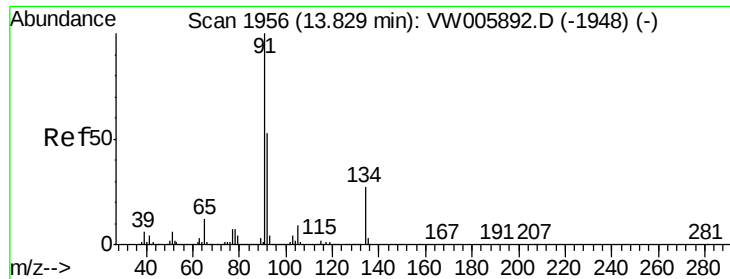
Delta R.T. -0.00 min

Lab File: VW005886.D

Acq: 08 Oct 2018 10:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.0	19.0	57.0
148	67.6	32.0	96.2





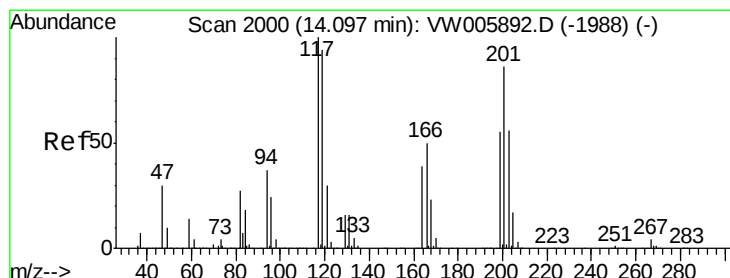
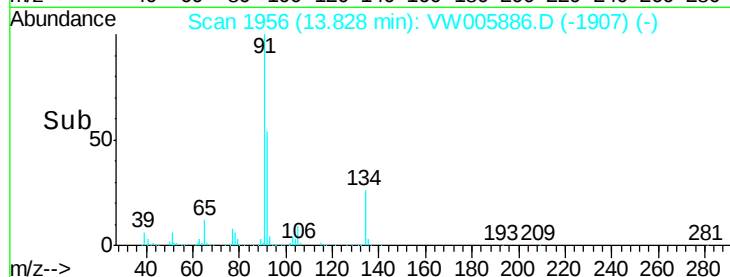
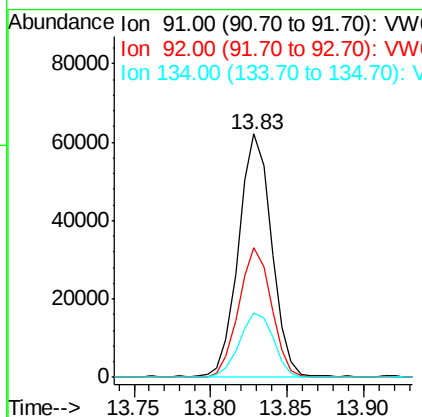
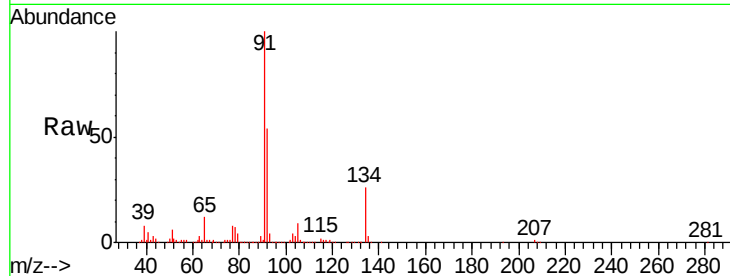
#89
n-Butylbenzene
Concen: 5.16 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW005886.D
Acq: 08 Oct 2018 10:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.6	79.8
134	27.5	13.8	41.4

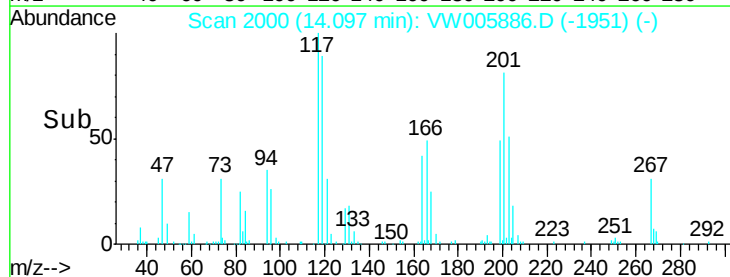
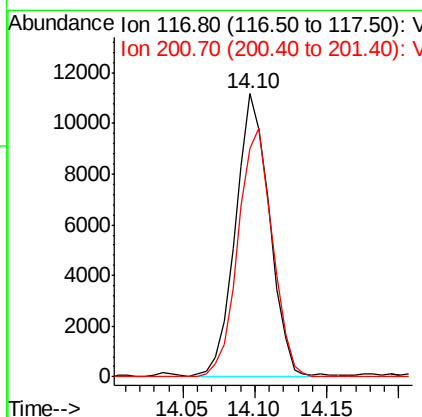
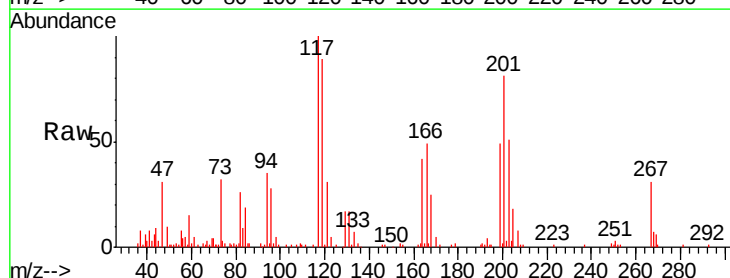
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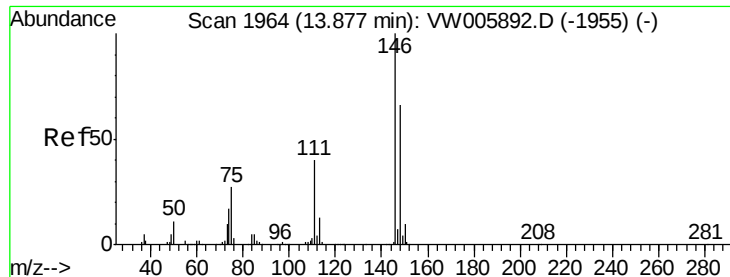
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#90
Hexachloroethane
Concen: 5.15 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW005886.D
Acq: 08 Oct 2018 10:31

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.7	44.5	133.5





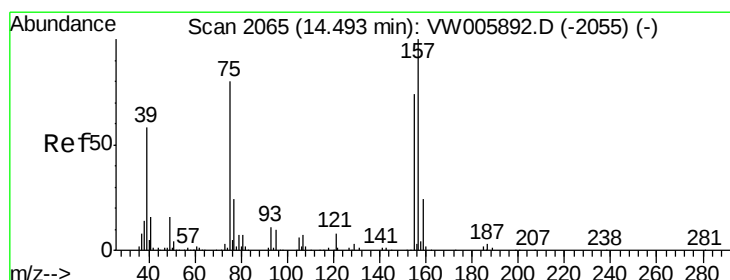
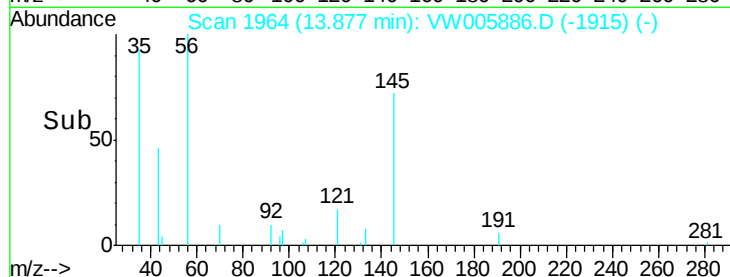
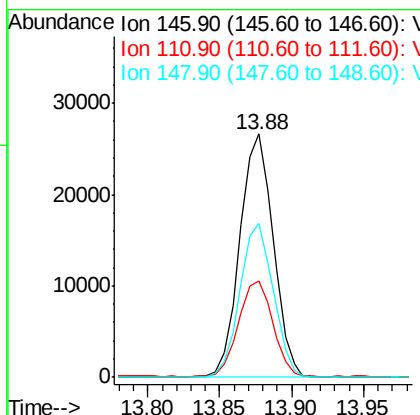
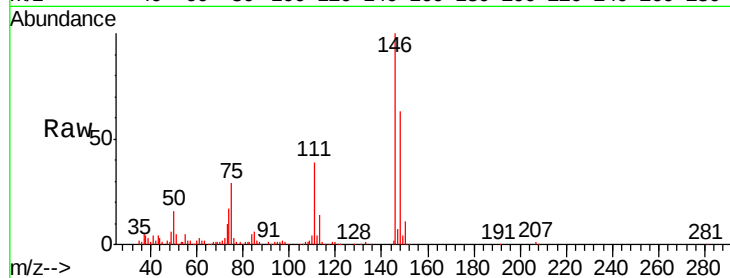
#91
 1,2-Dichlorobenzene
 Concen: 5.11 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005886.D
 Acq: 08 Oct 2018 10:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.3	61.0
148	63.0	32.5	97.4

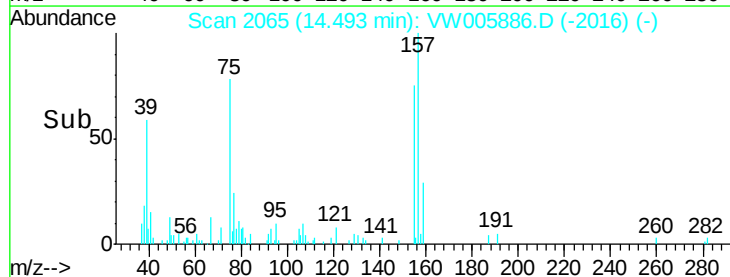
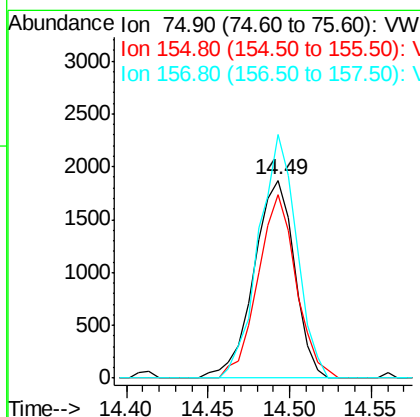
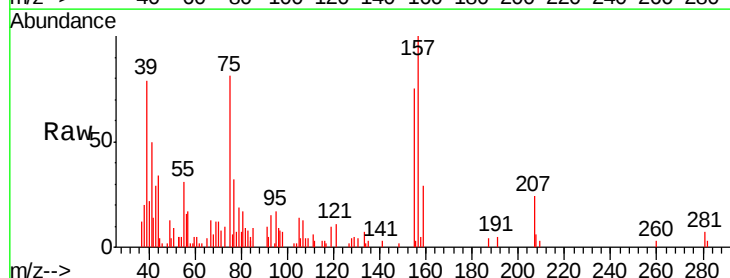
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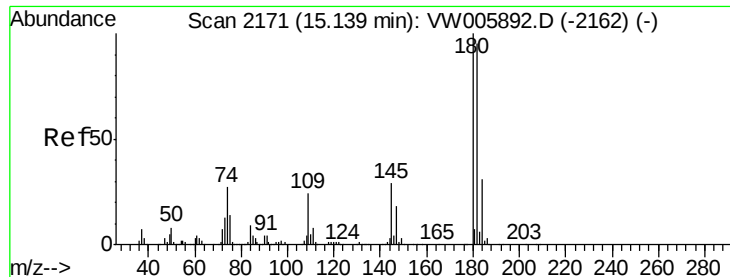
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.28 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005886.D
 Acq: 08 Oct 2018 10:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.6	44.8	134.3
157	115.1	58.9	176.6





#93

1,2,4-Trichlorobenzene

Concen: 5.17 ug/l

RT: 15.14 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VW005886.D

Acq: 08 Oct 2018 10:31

Instrument :

MSVOA_W

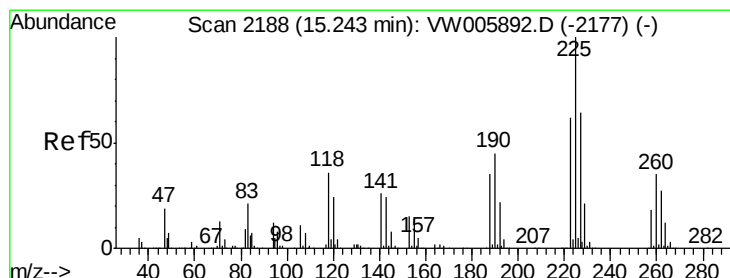
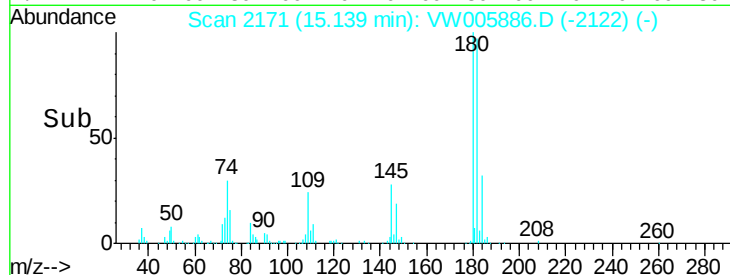
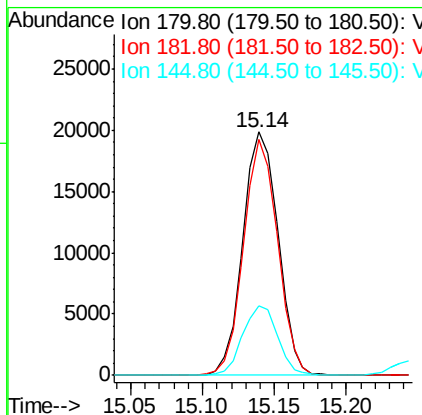
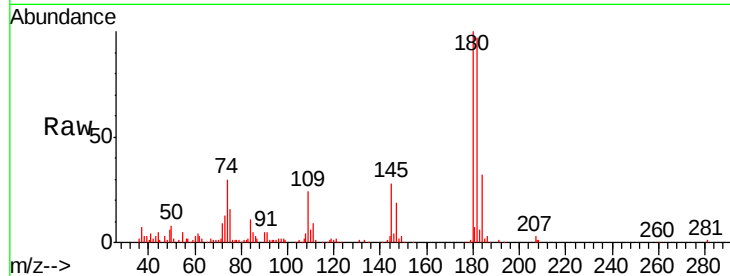
ClientSampleId :

VSTDIC005

Tgt Ion:	180	Resp:	33605
Ion Ratio	Lower	Upper	
180	100		
182	93.6	47.8	143.3
145	28.5	14.5	43.6

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#94

Hexachlorobutadiene

Concen: 5.00 ug/l

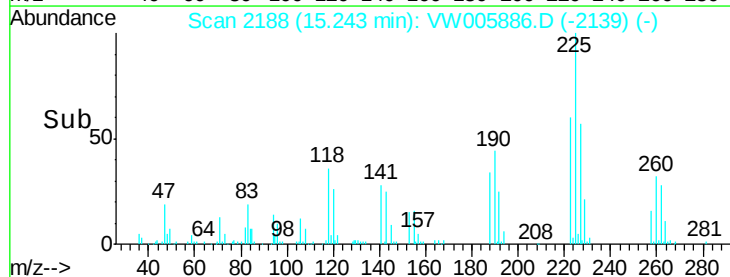
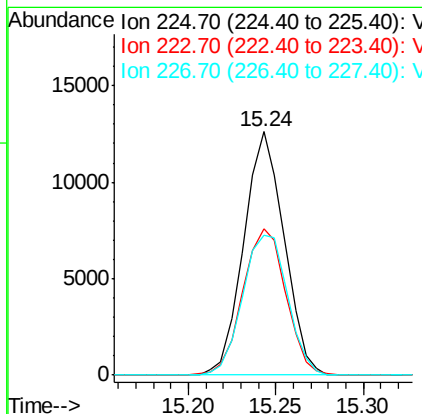
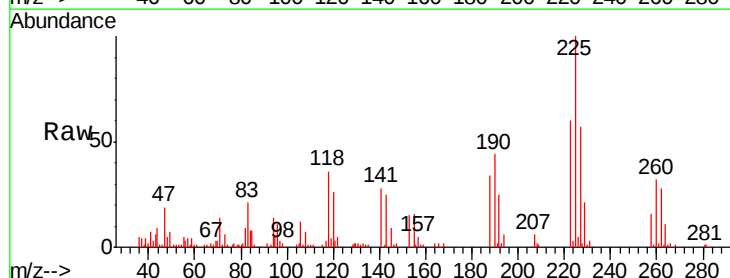
RT: 15.24 min Scan# 2188

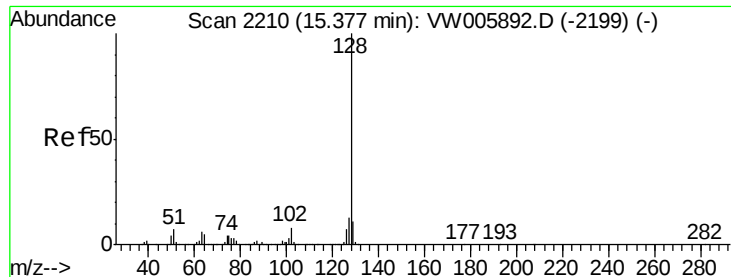
Delta R.T. -0.00 min

Lab File: VW005886.D

Acq: 08 Oct 2018 10:31

Tgt Ion:	225	Resp:	20288
Ion Ratio	Lower	Upper	
225	100		
223	64.1	31.2	93.6
227	64.0	31.9	95.9





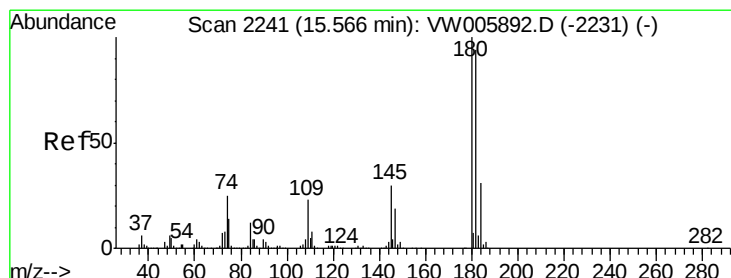
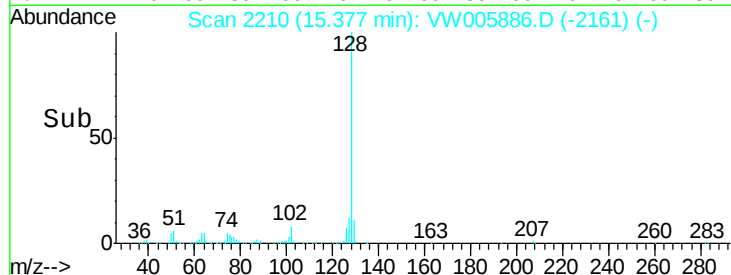
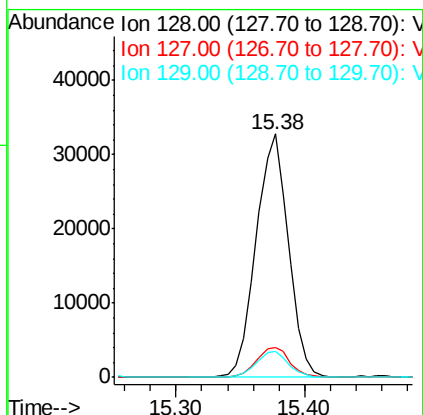
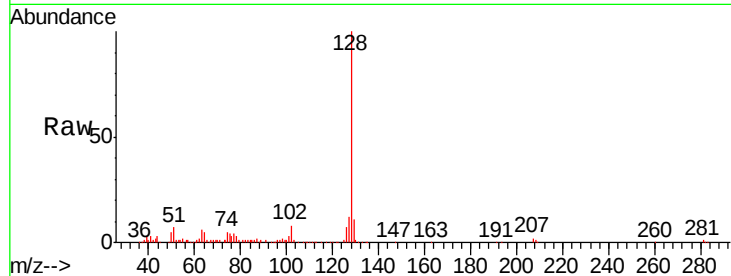
#95
Naphthalene
Concen: 5.06 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005886.D
Acq: 08 Oct 2018 10:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	56772		
127	12.7	10.5	15.7	
129	11.1	8.9	13.3	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 5.04 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW005886.D
Acq: 08 Oct 2018 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	28388		
182	95.5	47.6	142.8	
145	30.8	15.3	45.9	

