

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100818\
 Data File : VW005888.D
 Acq On : 08 Oct 2018 11:23
 Operator : SY/AP
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

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 10/9/2018 4:12:05 PM

Quant Time: Oct 09 02:07:17 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	353454	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	520591	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	471057	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	255558	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	65803	19.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.36%	
35) Dibromofluoromethane	7.88	113	63818	19.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.40%	
50) Toluene-d8	10.33	98	247728	19.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.74%	
62) 4-Bromofluorobenzene	12.62	95	93588	19.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.48%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.01	85	32677	18.87	ug/l	94
3) Chloromethane	2.21	50	36292	17.81	ug/l	99
4) Vinyl Chloride	2.37	62	62995	19.48	ug/l	99
5) Bromomethane	2.78	94	49493	19.39	ug/l	96
6) Chloroethane	2.93	64	40525	19.67	ug/l	99
7) Trichlorofluoromethane	3.26	101	47379	18.45	ug/l	99
8) Diethyl Ether	3.68	74	30015	19.00	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	63269	19.53	ug/l	99
10) Methyl Iodide	4.27	142	101987	19.25	ug/l	99
11) Tert butyl alcohol	5.21	59	22783	90.60	ug/l #	87
12) 1,1-Dichloroethene	4.03	96	59683	19.18	ug/l	99
13) Acrolein	3.89	56	22552	100.64	ug/l	95
14) Allyl chloride	4.67	41	103868	19.58	ug/l	97
15) Acrylonitrile	5.37	53	65099	94.67	ug/l	99
16) Acetone	4.14	43	67633	98.68	ug/l	99
17) Carbon Disulfide	4.37	76	173165	18.41	ug/l	98
18) Methyl Acetate	4.68	43	30838	17.83	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	97148	20.07	ug/l	100
20) Methylene Chloride	4.92	84	65966	19.21	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	65260	19.24	ug/l	94
22) Diisopropyl ether	6.31	45	195099	19.67	ug/l	98
23) Vinyl Acetate	6.26	43	603790	98.90	ug/l	98
24) 1,1-Dichloroethane	6.21	63	119097	19.62	ug/l	99
25) 2-Butanone	7.18	43	95016	97.47	ug/l	99
26) 2,2-Dichloropropane	7.17	77	84658	19.82	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	73732	19.23	ug/l	98
28) Bromochloromethane	7.51	49	46770	20.87	ug/l	98
29) Tetrahydrofuran	7.54	42	57591	93.46	ug/l	98
30) Chloroform	7.68	83	121888	19.55	ug/l	100
31) Cyclohexane	7.96	56	114125	19.00	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	107055	19.28	ug/l	99
36) 1,1-Dichloropropene	8.08	75	96525	19.35	ug/l	99
37) Ethyl Acetate	7.26	43	40966	19.39	ug/l	98
38) Carbon Tetrachloride	8.07	117	102322	19.09	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	125683	19.10	ug/l	98
40) Benzene	8.33	78	264404	19.37	ug/l	99
41) Methacrylonitrile	7.49	41	24169	18.28	ug/l	96
42) 1,2-Dichloroethane	8.40	62	79076	19.17	ug/l	100
43) Isopropyl Acetate	8.43	43	85232	19.32	ug/l	100
44) Trichloroethene	9.09	130	76360	19.28	ug/l	95
45) 1,2-Dichloropropane	9.37	63	67005	19.61	ug/l	99
46) Dibromomethane	9.46	93	36241	19.30	ug/l	98
47) Bromodichloromethane	9.65	83	91954	19.46	ug/l	97
48) Methyl methacrylate	9.44	41	40092	19.07	ug/l	97
49) 1,4-Dioxane	9.46	88	11391	399.27	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	210977	98.18	ug/l	100
52) Toluene	10.39	92	172655	19.25	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	95269	19.29	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	107107	19.29	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	49466	19.01	ug/l	98
56) Ethyl methacrylate	10.65	69	67355	19.21	ug/l	100
57) 1,3-Dichloropropane	10.93	76	85055	19.43	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	142221	99.69	ug/l	99
59) 2-Hexanone	10.97	43	151500	98.33	ug/l	98
60) Dibromochloromethane	11.13	129	64107	19.10	ug/l	99
61) 1,2-Dibromoethane	11.24	107	49965	19.22	ug/l	100
64) Tetrachloroethene	10.87	164	65751	18.74	ug/l	97
65) Chlorobenzene	11.66	112	195690	19.39	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	72205	19.52	ug/l	99
67) Ethyl Benzene	11.73	91	347571	19.50	ug/l	100
68) m/p-Xylenes	11.84	106	269159	38.65	ug/l	99
69) o-Xylene	12.17	106	129006	19.35	ug/l	100
70) Styrene	12.18	104	212937	19.25	ug/l	99
71) Bromoform	12.35	173	42067	19.10	ug/l #	99
73) Isopropylbenzene	12.47	105	361594	19.37	ug/l	100
74) N-amyl acetate	12.27	43	86513	19.52	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	58956	19.27	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	45424m	11.61	ug/l	
77) Bromobenzene	12.75	156	85592	19.36	ug/l	98
78) n-propylbenzene	12.81	91	424464	19.33	ug/l	100
79) 2-Chlorotoluene	12.90	91	240457	19.40	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	307280	19.50	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	20257	18.73	ug/l	98
82) 4-Chlorotoluene	12.99	91	252303	19.35	ug/l	99
83) tert-Butylbenzene	13.21	119	275374	19.65	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	308039	19.38	ug/l	100
85) sec-Butylbenzene	13.39	105	385659	19.60	ug/l	100
86) p-Isopropyltoluene	13.51	119	344748	19.49	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	170720	19.43	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	169748	19.45	ug/l	99
89) n-Butylbenzene	13.83	91	327034	19.61	ug/l	100
90) Hexachloroethane	14.10	117	64794	19.47	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	152852	19.60	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	10810	18.96	ug/l	98

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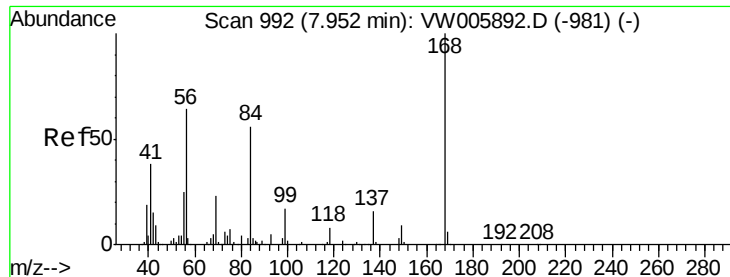
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	119083	19.69	ug/l	100
94) Hexachlorobutadiene	15.24	225	74926	19.85	ug/l	100
95) Naphthalene	15.38	128	202784	19.45	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	103477	19.76	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW005888.D

Acq: 08 Oct 2018 11:23

Instrument :

MSVOA_W

ClientSampled :

VSTDIC020

Tgt Ion: 168 Resp: 353454

Ion Ratio Lower Upper

168 100

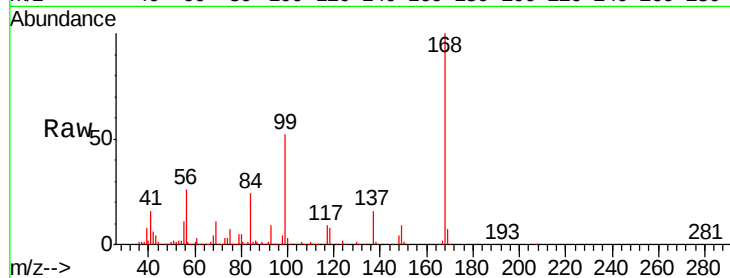
99 52.3 40.9 61.3

Manual Integrations

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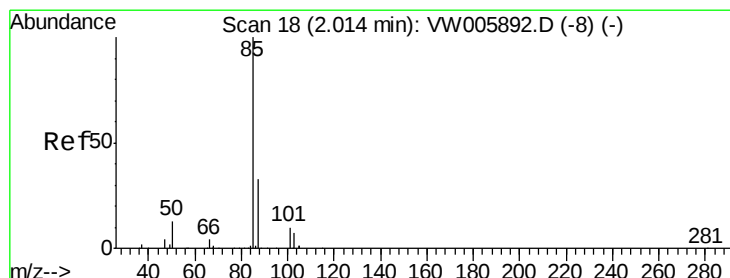
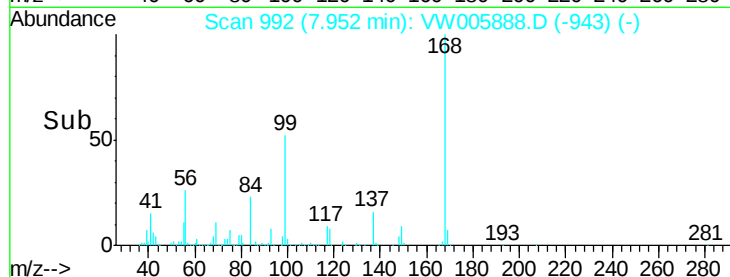
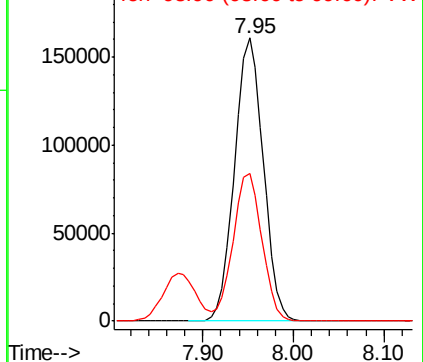
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 18.87 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW005888.D

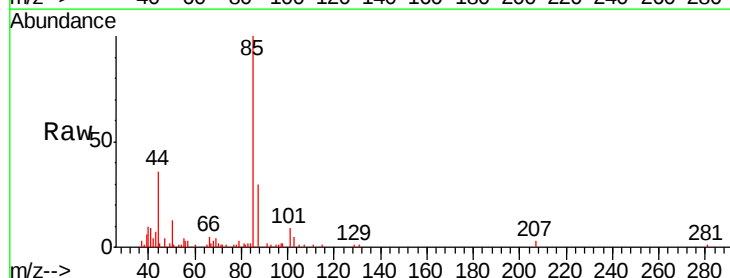
Acq: 08 Oct 2018 11:23

Tgt Ion: 85 Resp: 32677

Ion Ratio Lower Upper

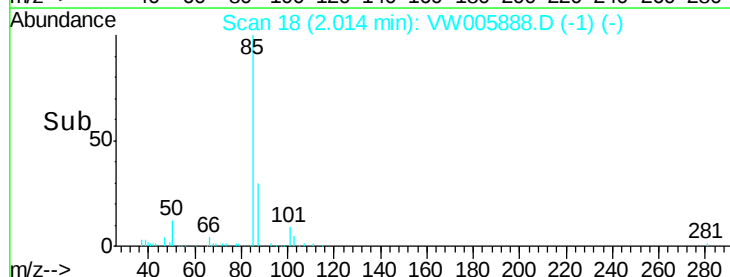
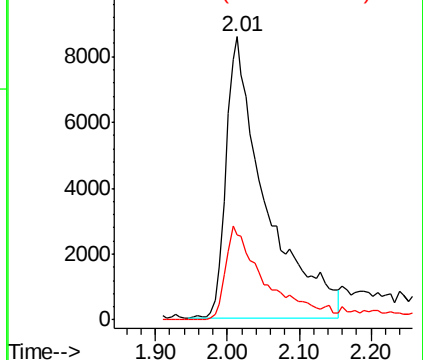
85 100

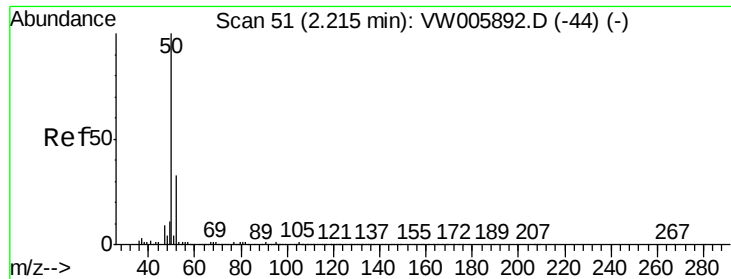
87 30.0 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 17.81 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW005888.D

Acq: 08 Oct 2018 11:23

Instrument :

MSVOA_W

ClientSampled :

VSTDIC020

Tgt Ion: 50 Resp: 36292

Ion Ratio Lower Upper

50 100

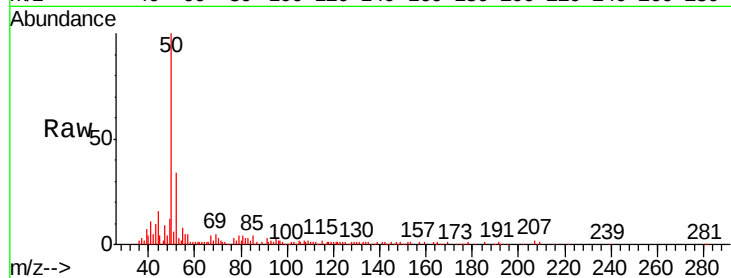
52 33.8 26.7 40.1

Manual Integrations

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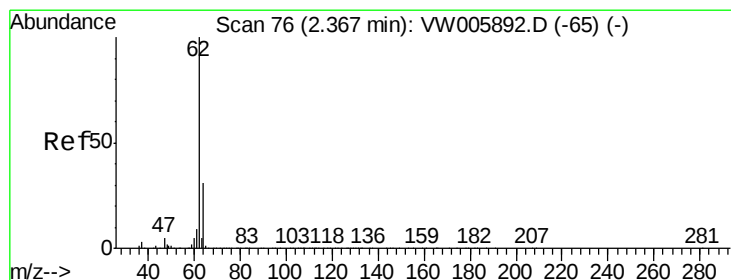
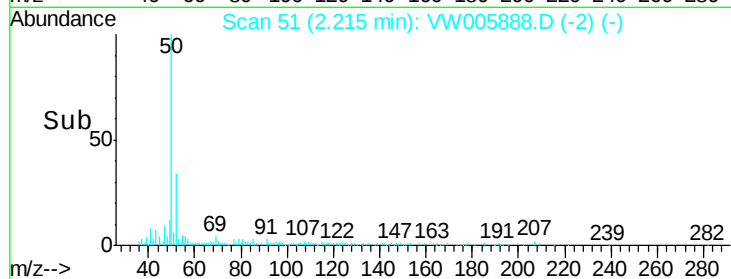
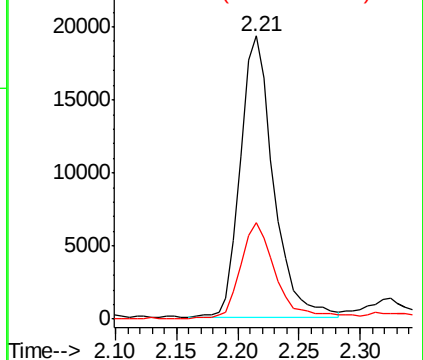
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 19.48 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW005888.D

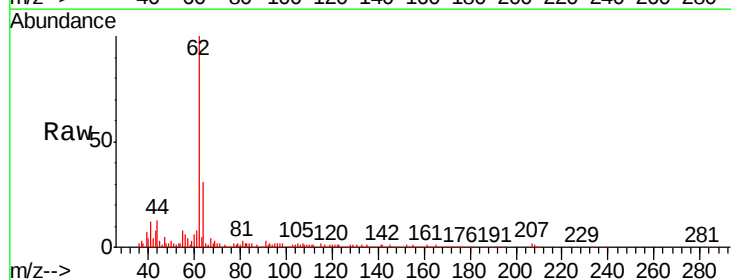
Acq: 08 Oct 2018 11:23

Tgt Ion: 62 Resp: 62995

Ion Ratio Lower Upper

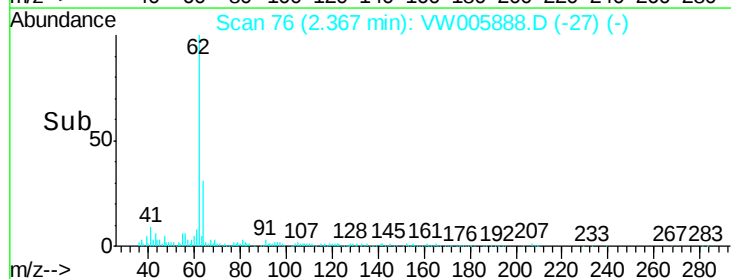
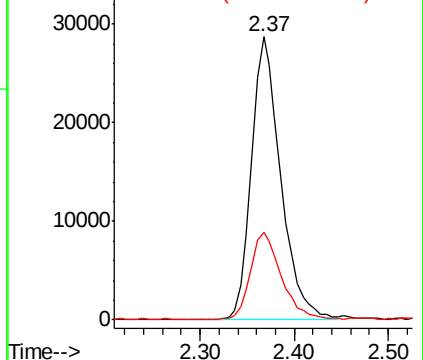
62 100

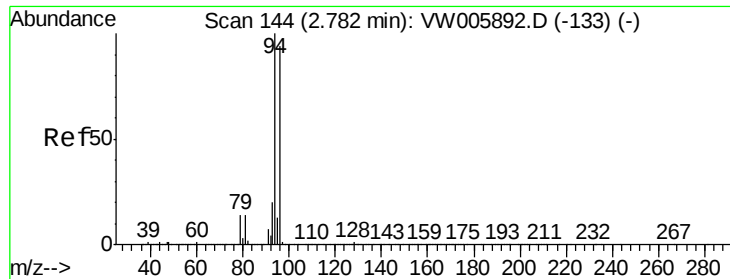
64 30.4 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 19.39 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW005888.D

Acq: 08 Oct 2018 11:23

Instrument :

MSVOA_W

ClientSampled :

VSTDIC020

Tgt Ion: 94 Resp: 49493

Ion Ratio Lower Upper

94 100

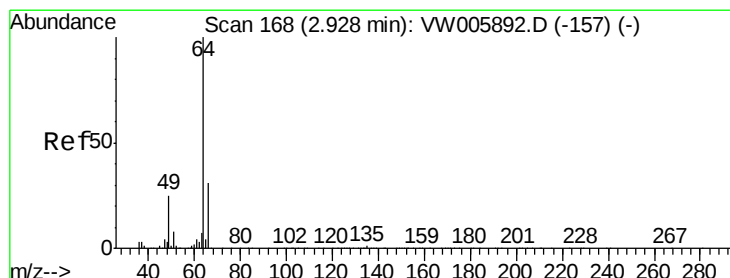
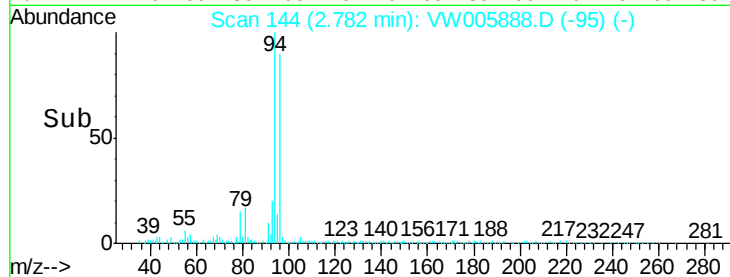
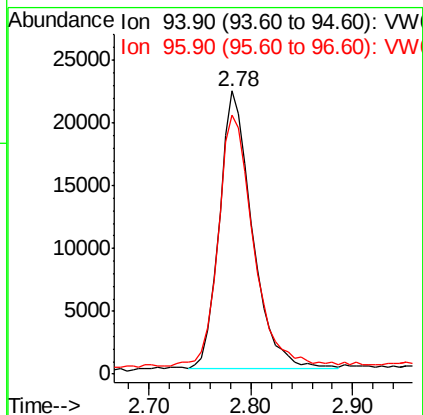
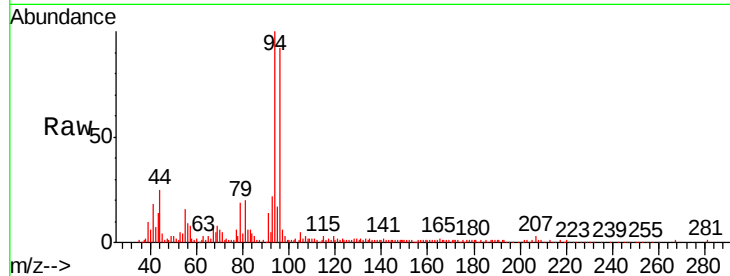
96 89.8 75.0 112.4

Manual Integrations

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#6

Chloroethane

Concen: 19.67 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW005888.D

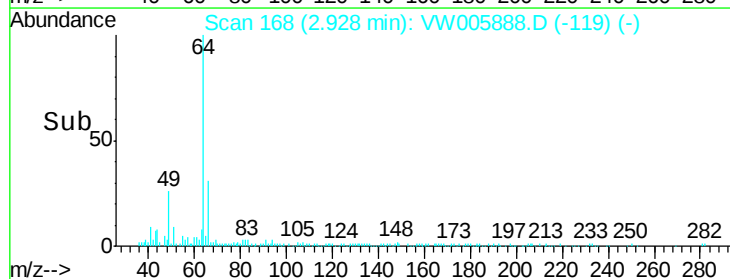
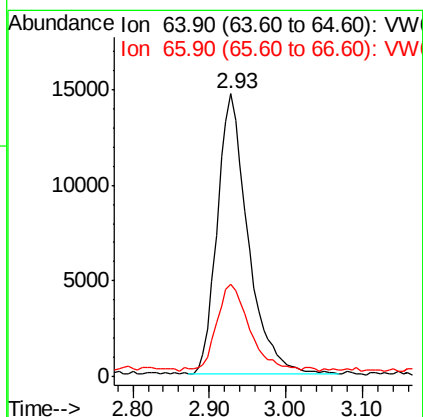
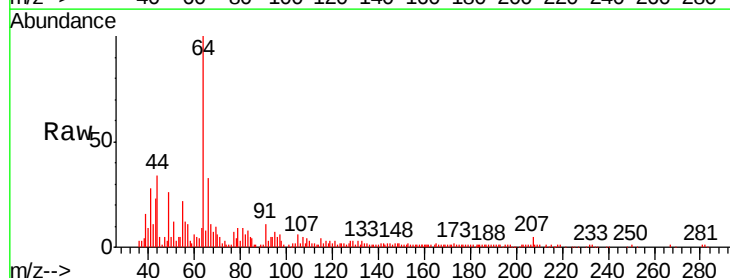
Acq: 08 Oct 2018 11:23

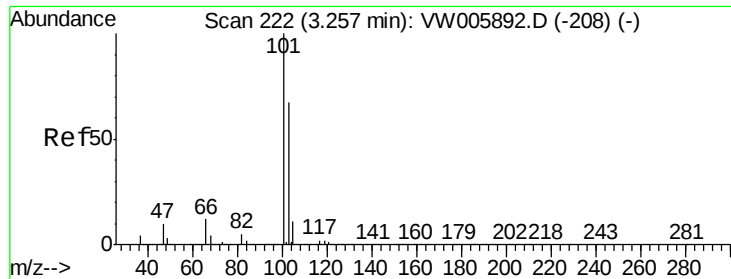
Tgt Ion: 64 Resp: 40525

Ion Ratio Lower Upper

64 100

66 30.9 25.0 37.4





#7

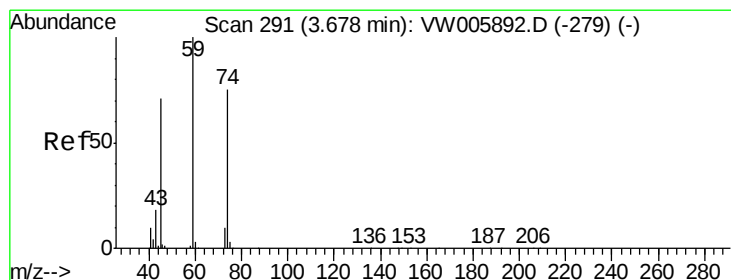
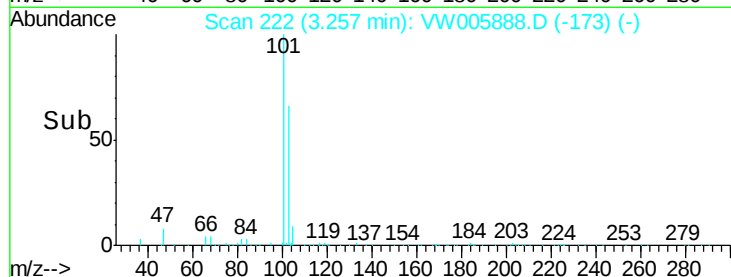
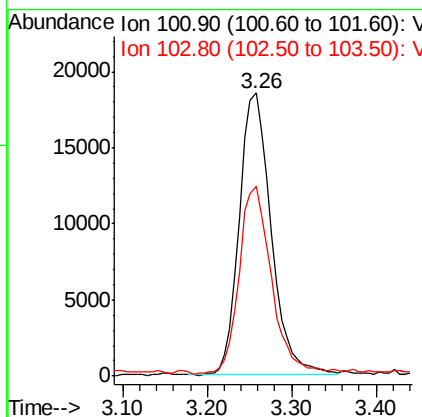
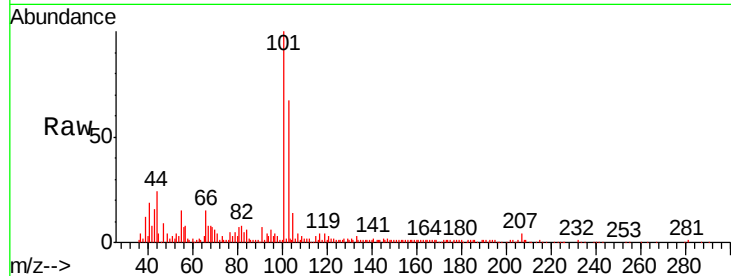
Trichlorofluoromethane
Concen: 18.45 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.00 min
Lab File: VW005888.D
Acq: 08 Oct 2018 11:23

Instrument :
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ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
101	100		
103	66.0	53.5	80.3

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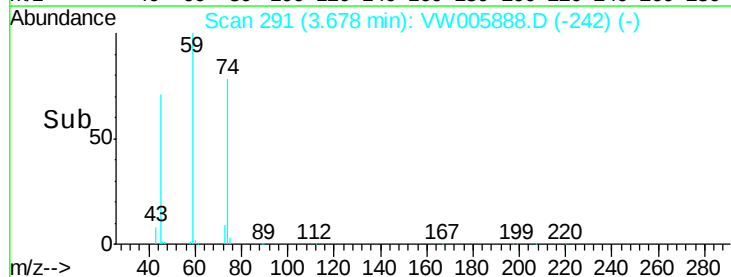
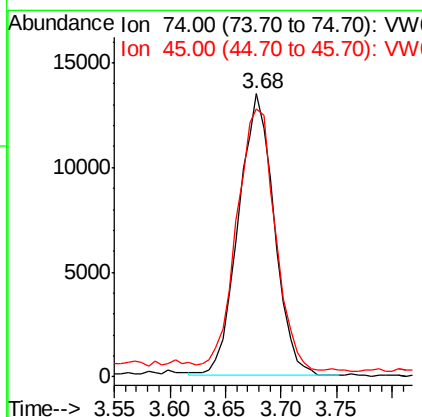
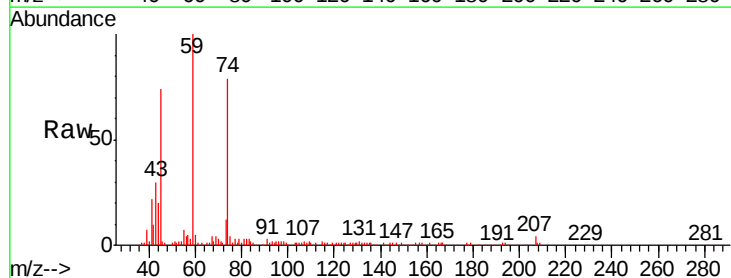
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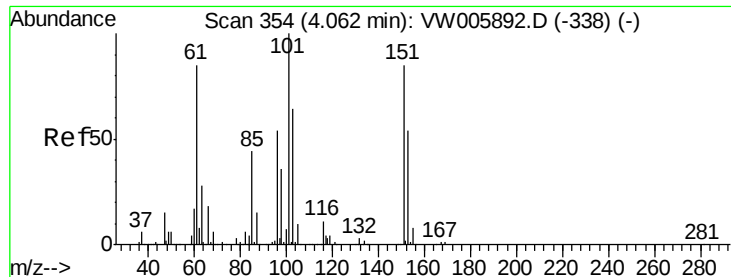


#8

Diethyl Ether
Concen: 19.00 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.00 min
Lab File: VW005888.D
Acq: 08 Oct 2018 11:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.0	46.8	140.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.53 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW005888.D

Acq: 08 Oct 2018 11:23

Instrument :

MSVOA_W

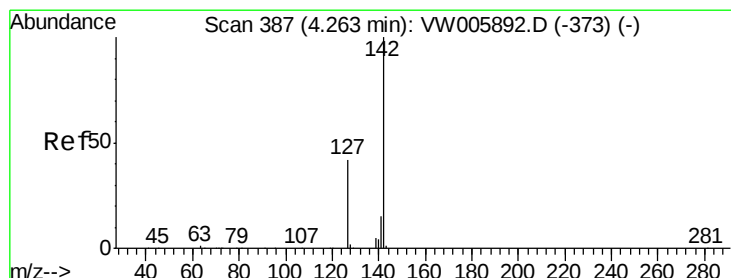
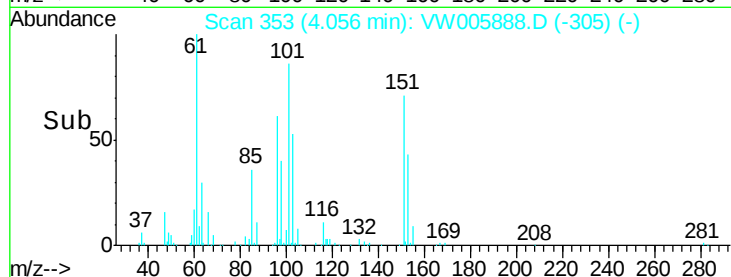
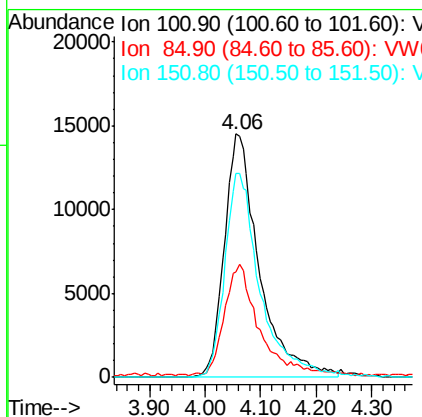
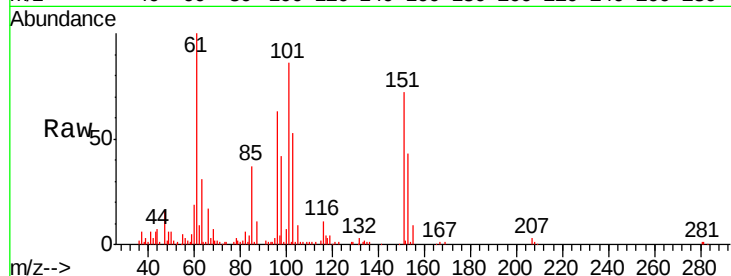
ClientSampleId :

VSTDIC020

Tgt Ion:	101	Resp:	63269
Ion Ratio	Lower	Upper	
101	100		
85	45.0	35.1	52.7
151	84.6	67.7	101.5

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#10

Methyl Iodide

Concen: 19.25 ug/l

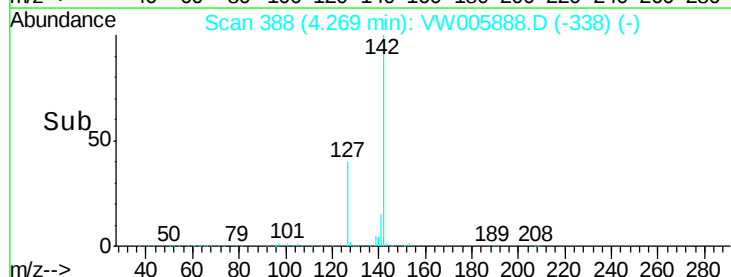
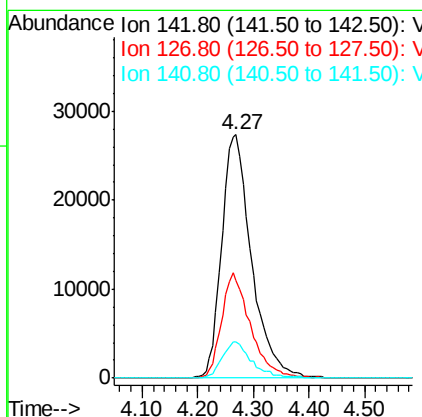
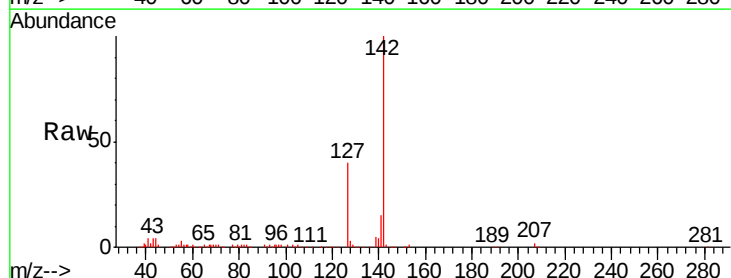
RT: 4.27 min Scan# 388

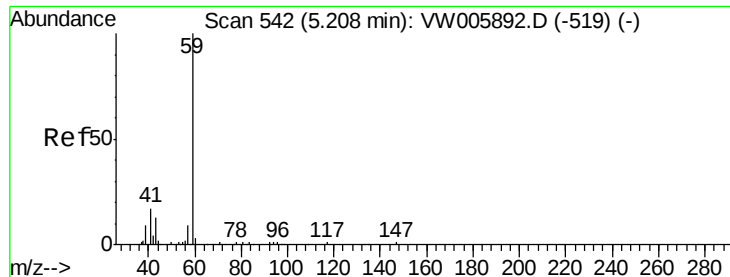
Delta R.T. 0.01 min

Lab File: VW005888.D

Acq: 08 Oct 2018 11:23

Tgt Ion:	142	Resp:	101987
Ion Ratio	Lower	Upper	
142	100		
127	41.5	33.7	50.5
141	14.9	11.5	17.3





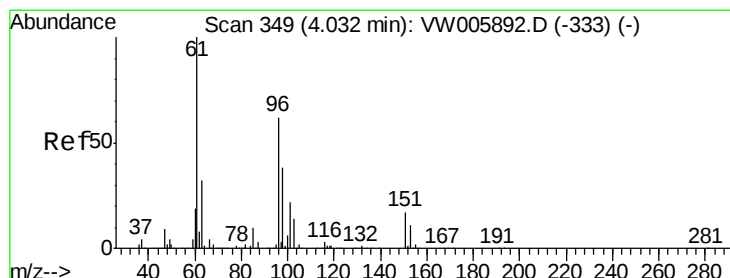
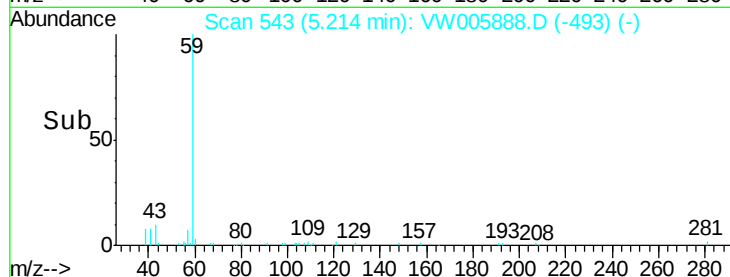
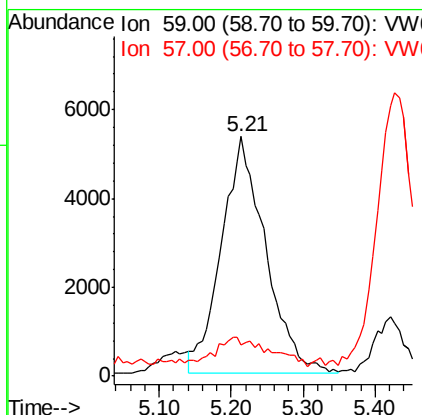
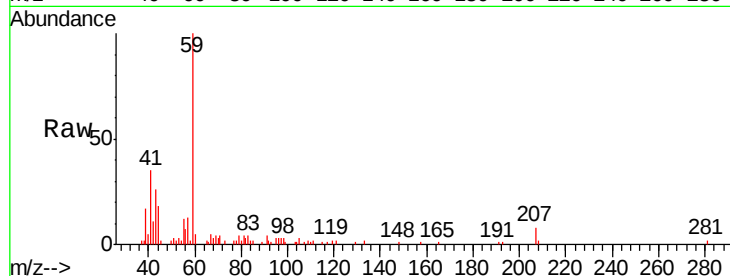
#11
Tert butyl alcohol
Concen: 90.60 ug/l
RT: 5.21 min Scan# 543
Delta R.T. 0.01 min
Lab File: VW005888.D
Acq: 08 Oct 2018 11:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion: 59 Resp: 22783
Ion Ratio Lower Upper
59 100
57 14.4 7.7 11.5#

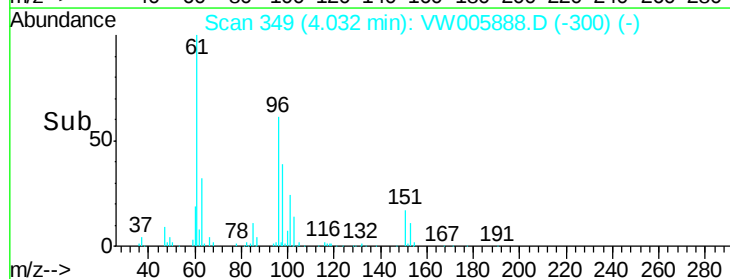
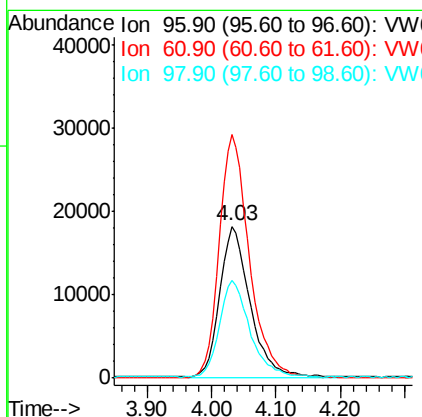
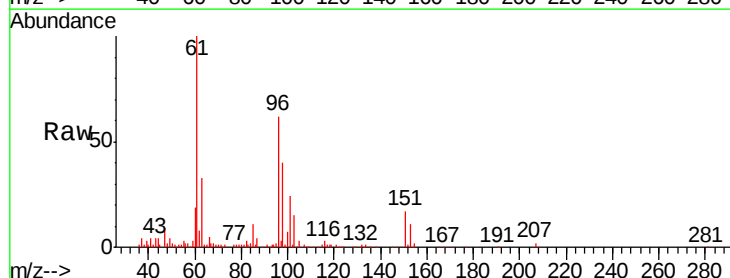
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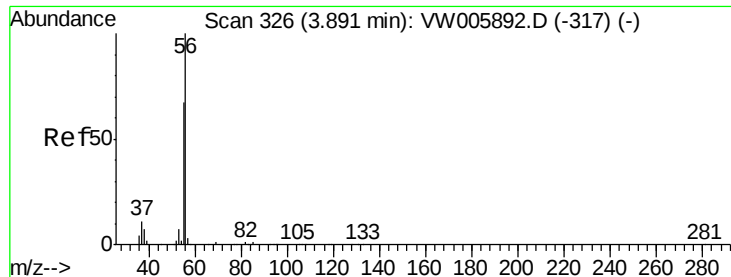
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#12
1,1-Dichloroethene
Concen: 19.18 ug/l
RT: 4.03 min Scan# 349
Delta R.T. 0.00 min
Lab File: VW005888.D
Acq: 08 Oct 2018 11:23

Tgt Ion: 96 Resp: 59683
Ion Ratio Lower Upper
96 100
61 161.8 128.6 193.0
98 63.8 49.4 74.0





#13

Acrolein

Concen: 100.64 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW005888.D

Acq: 08 Oct 2018 11:23

Instrument :

MSVOA_W

ClientSampled :

VSTDIC020

Tgt Ion: 56 Resp: 22552

Ion Ratio Lower Upper

56 100

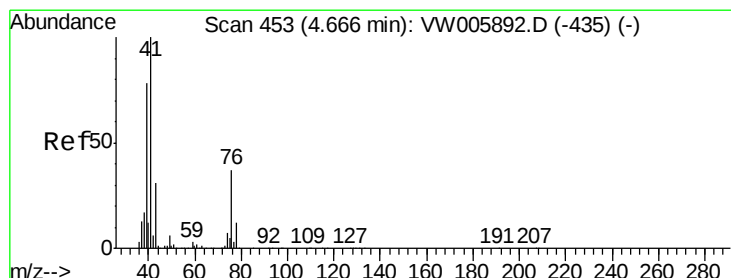
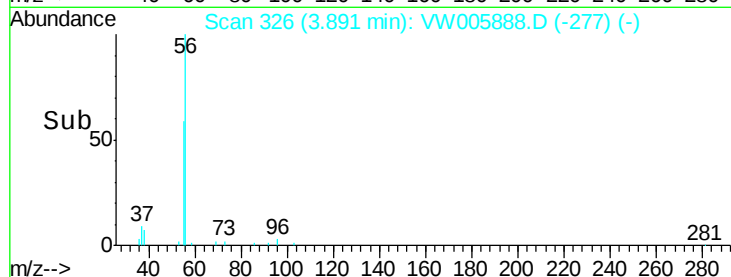
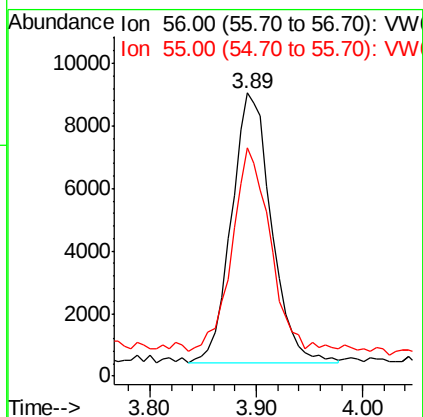
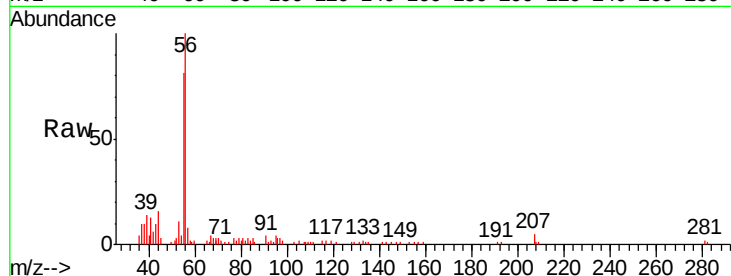
55 72.4 54.6 82.0

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#14

Allyl chloride

Concen: 19.58 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW005888.D

Acq: 08 Oct 2018 11:23

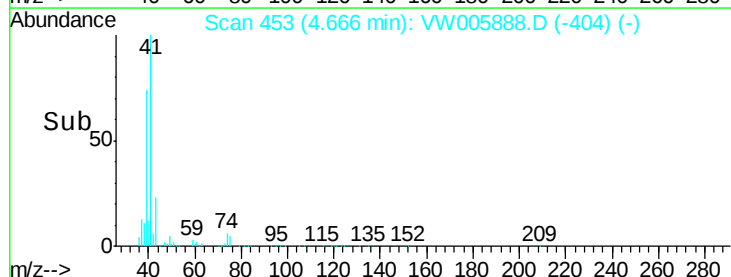
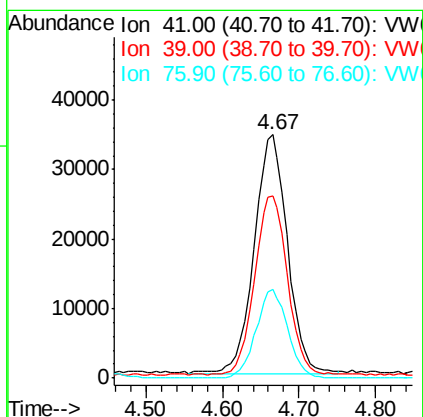
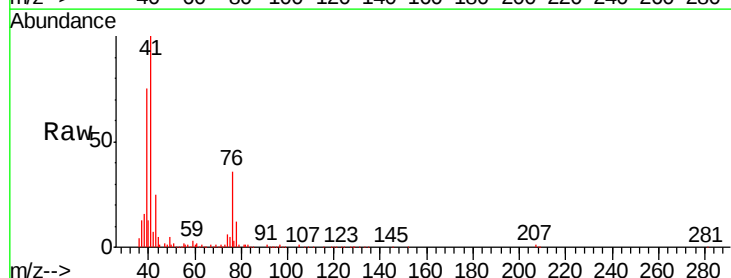
Tgt Ion: 41 Resp: 103868

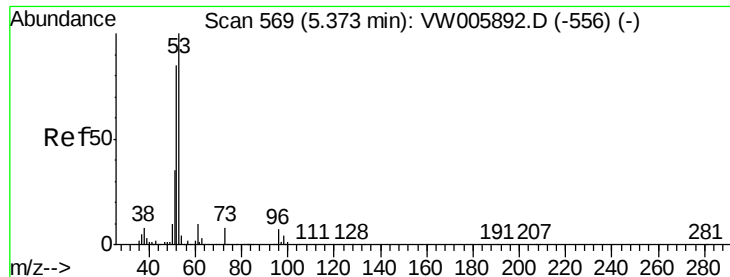
Ion Ratio Lower Upper

41 100

39 73.7 60.8 91.2

76 35.5 29.6 44.4





#15

Acrylonitrile

Concen: 94.67 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW005888.D

Acq: 08 Oct 2018 11:23

Instrument :

MSVOA_W

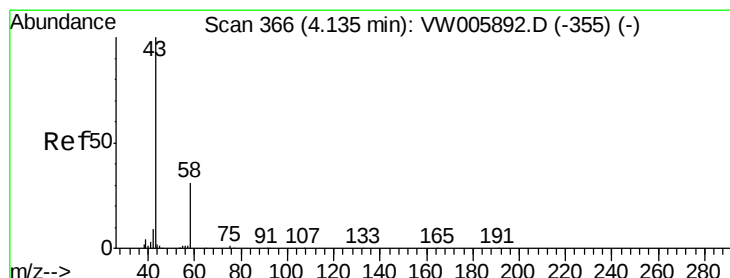
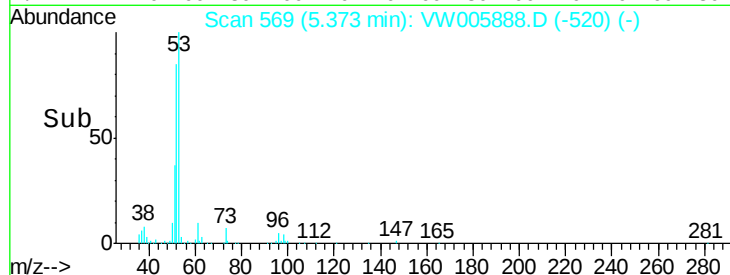
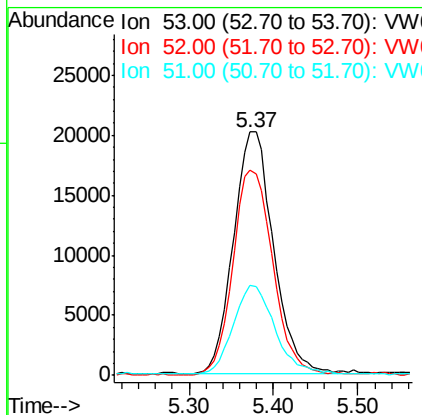
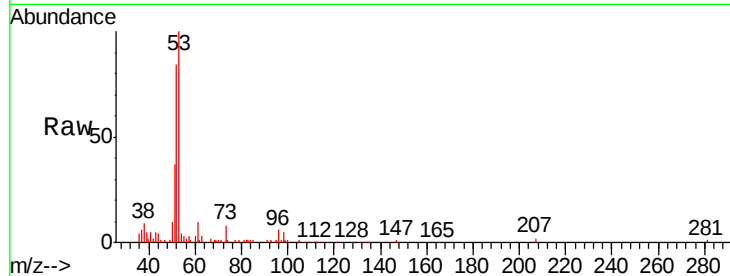
ClientSampleId :

VSTDIC020

Tgt Ion:	53	Resp:	65099
Ion	Ratio	Lower	Upper
53	100		
52	84.8	66.8	100.2
51	37.8	29.8	44.6

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#16

Acetone

Concen: 98.68 ug/l

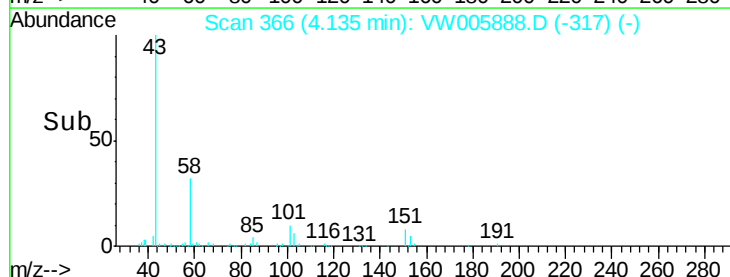
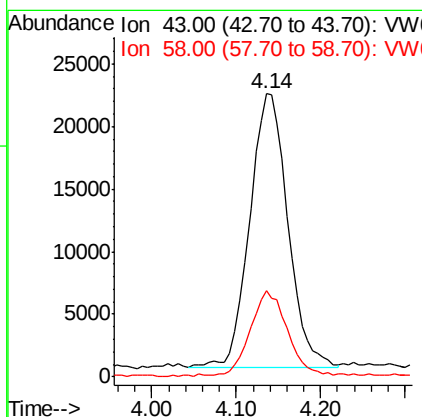
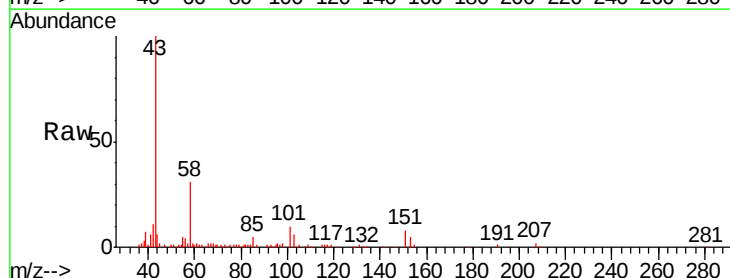
RT: 4.14 min Scan# 366

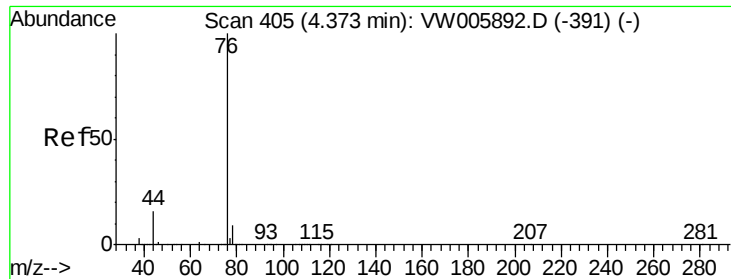
Delta R.T. 0.00 min

Lab File: VW005888.D

Acq: 08 Oct 2018 11:23

Tgt Ion:	43	Resp:	67633
Ion	Ratio	Lower	Upper
43	100		
58	31.2	24.7	37.1





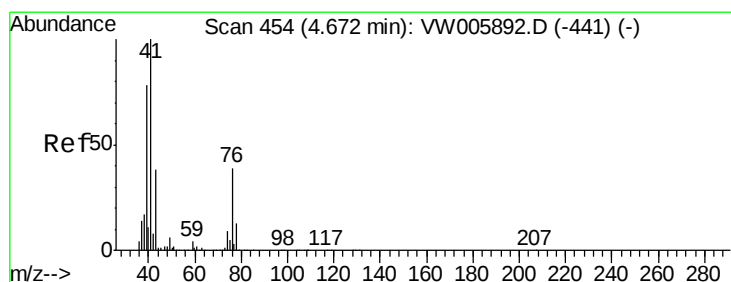
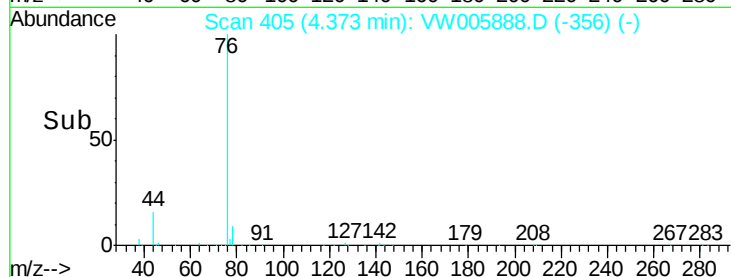
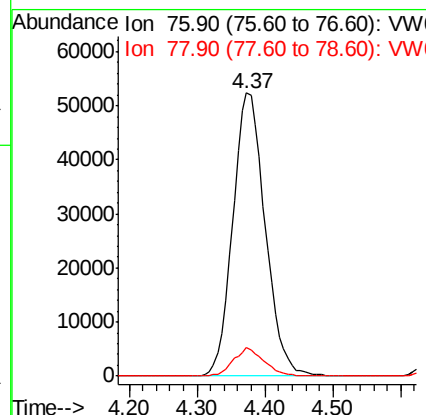
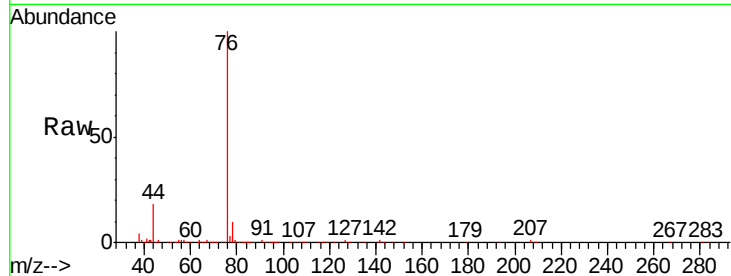
#17
Carbon Disulfide
Concen: 18.41 ug/l
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW005888.D
Acq: 08 Oct 2018 11:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.4	11.0

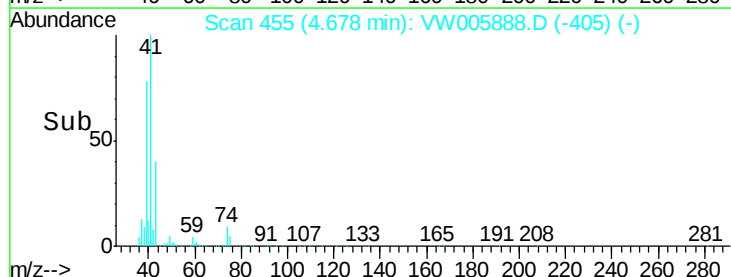
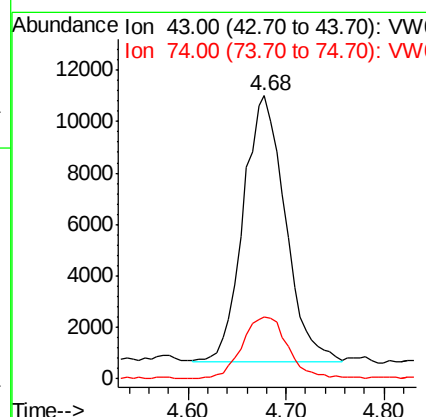
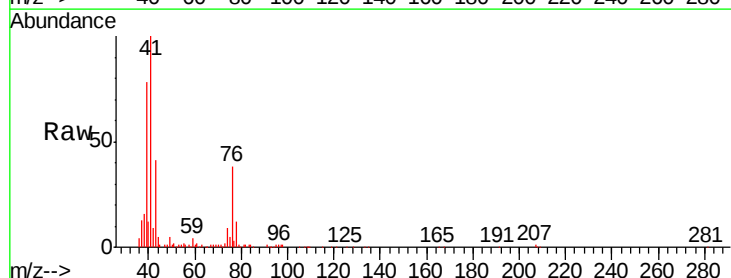
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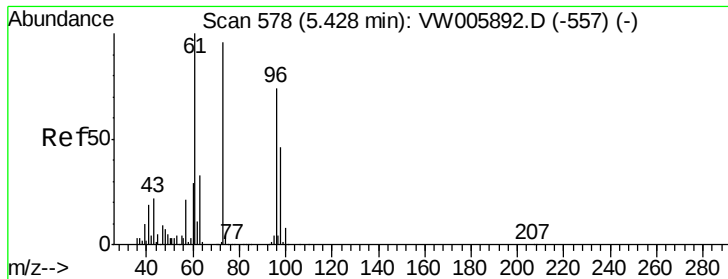
apatel
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#18
Methyl Acetate
Concen: 17.83 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW005888.D
Acq: 08 Oct 2018 11:23

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.7	19.2	28.8





#19

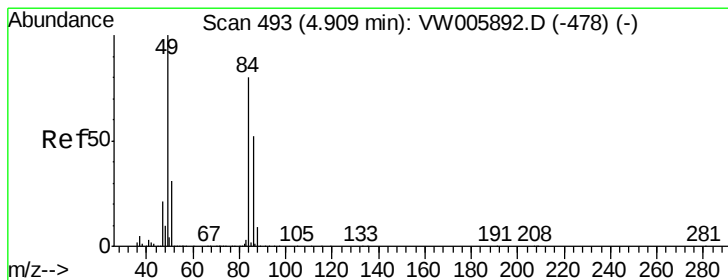
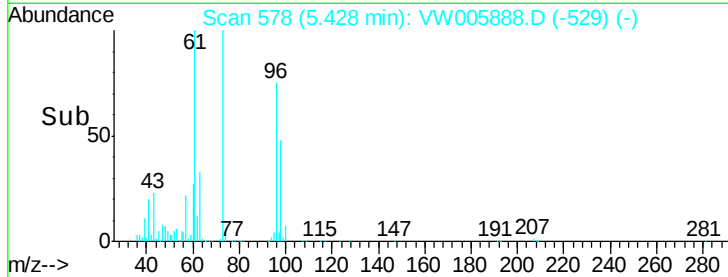
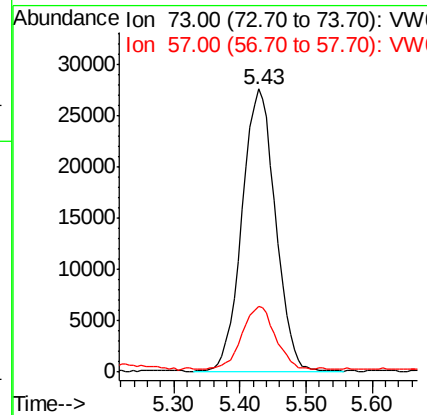
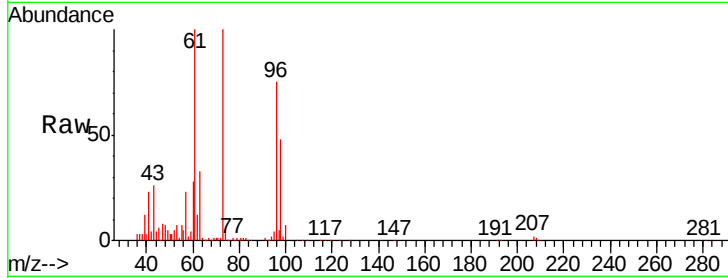
Methyl tert-butyl Ether
 Concen: 20.07 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: VW005888.D
 Acq: 08 Oct 2018 11:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.7	26.5

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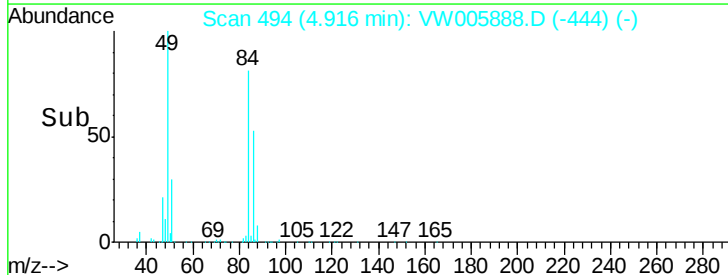
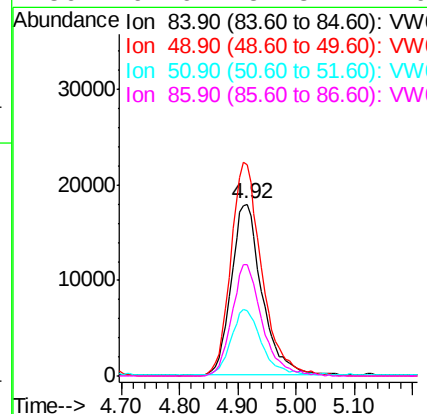
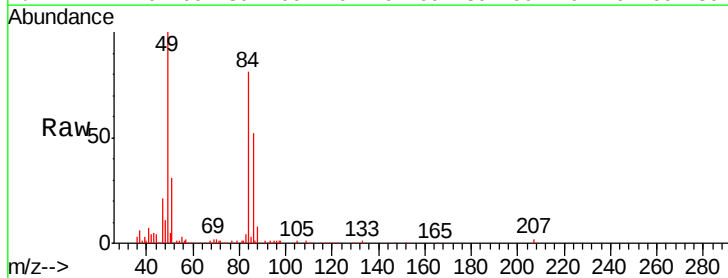
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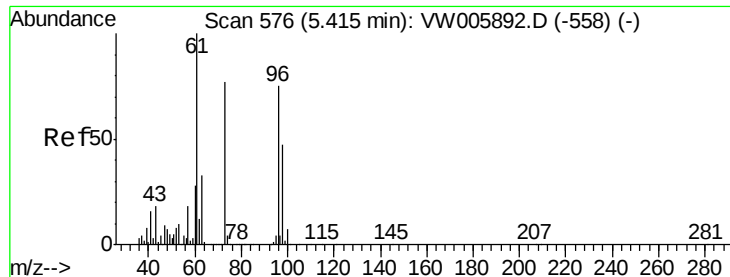


#20

Methylene Chloride
 Concen: 19.21 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.01 min
 Lab File: VW005888.D
 Acq: 08 Oct 2018 11:23

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.7	99.9	149.9
51	37.6	31.1	46.7
86	64.9	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 19.24 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW005888.D

Acq: 08 Oct 2018 11:23

Instrument :

MSVOA_W

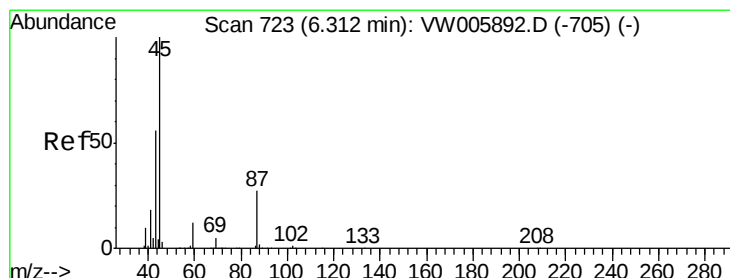
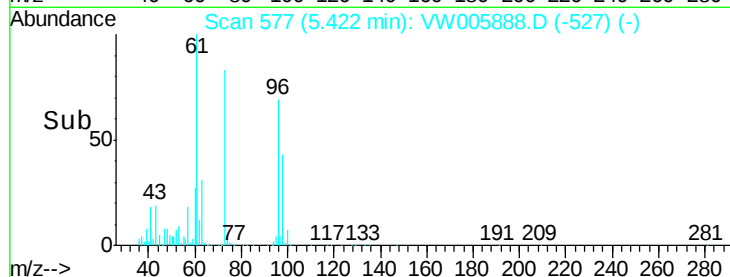
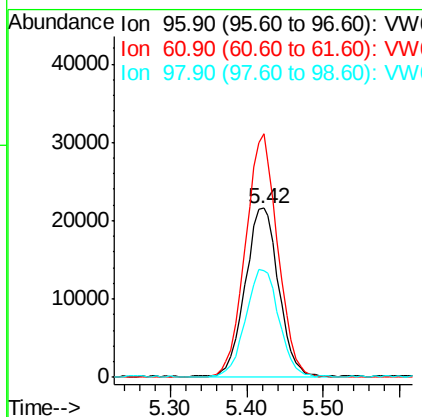
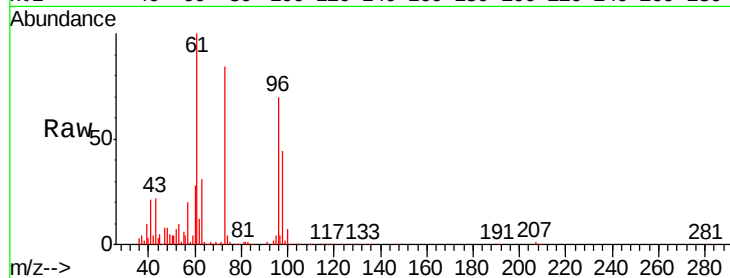
ClientSampled :

VSTDIC020

Tgt Ion:	96	Resp:	65260
Ion	Ratio	Lower	Upper
96	100		
61	144.4	107.4	161.0
98	62.7	50.8	76.2

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#22

Diisopropyl ether

Concen: 19.67 ug/l

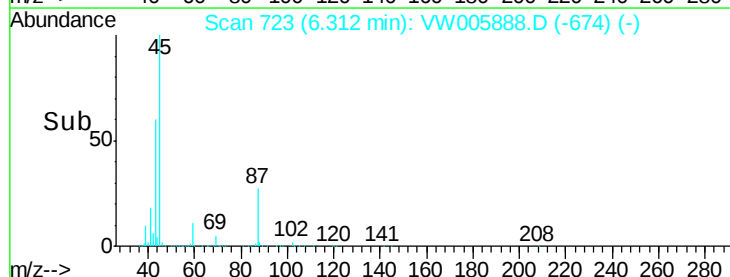
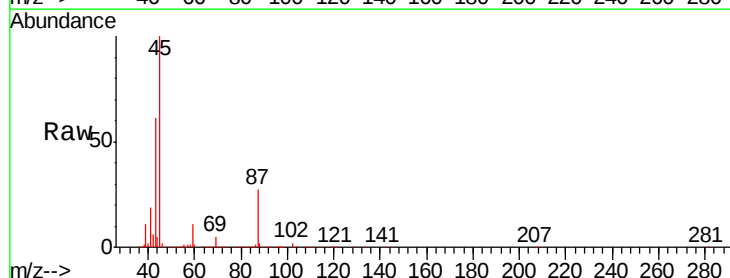
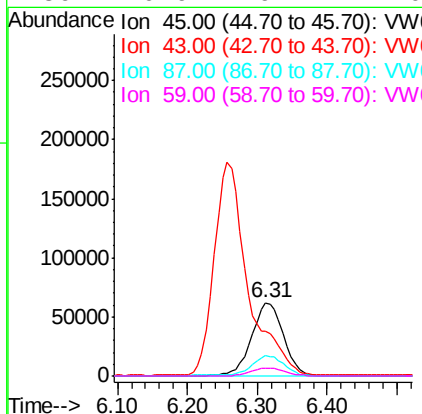
RT: 6.31 min Scan# 723

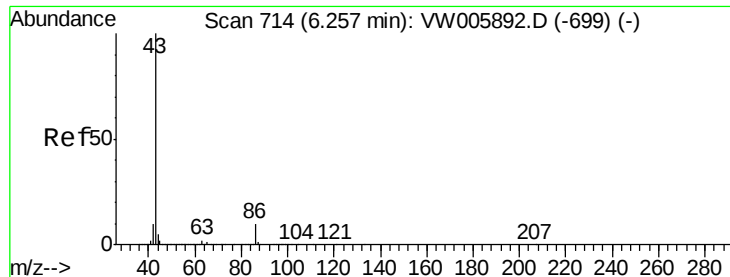
Delta R.T. 0.00 min

Lab File: VW005888.D

Acq: 08 Oct 2018 11:23

Tgt Ion:	45	Resp:	195099
Ion	Ratio	Lower	Upper
45	100		
43	59.0	45.9	68.9
87	27.1	22.2	33.4
59	10.9	9.4	14.0





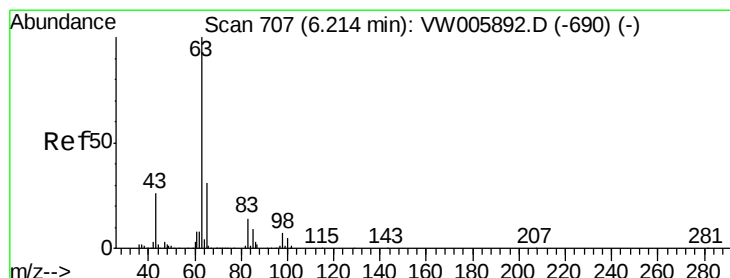
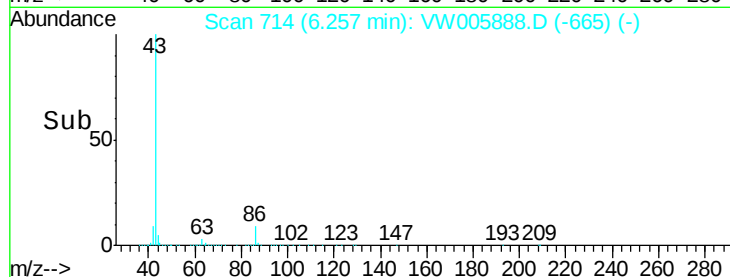
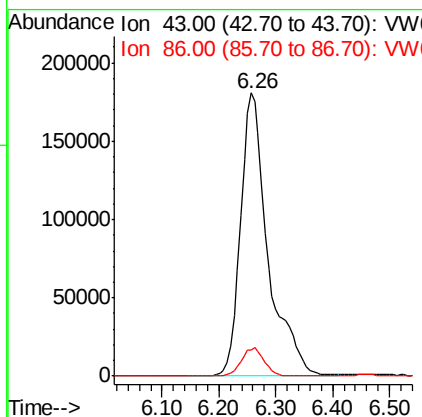
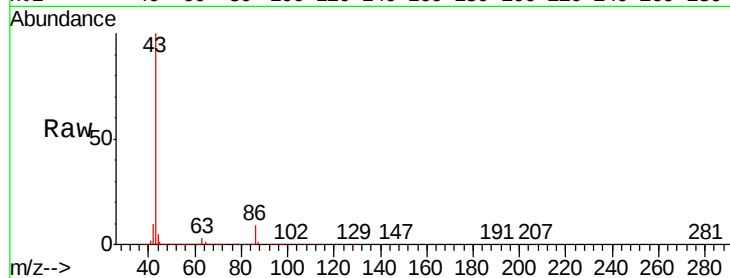
#23
 Vinyl Acetate
 Concen: 98.90 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: VW005888.D
 Acq: 08 Oct 2018 11:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Lower	Upper
43	100		
86	9.5	8.2	12.4

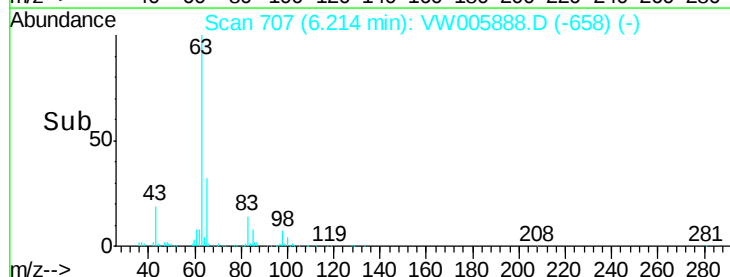
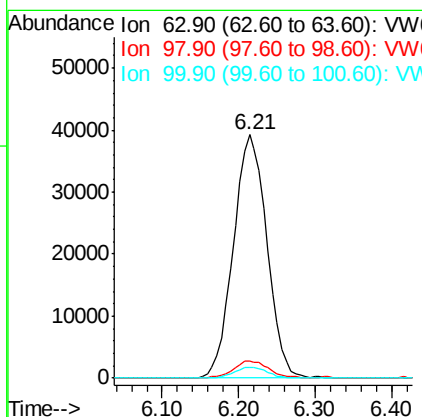
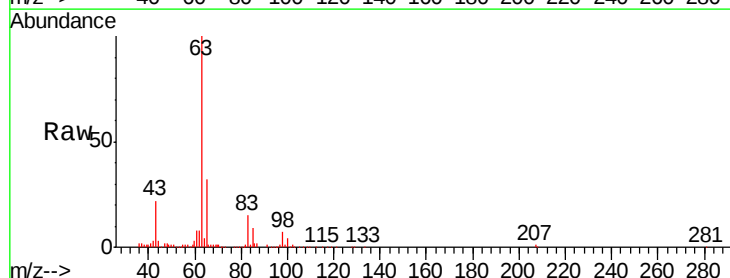
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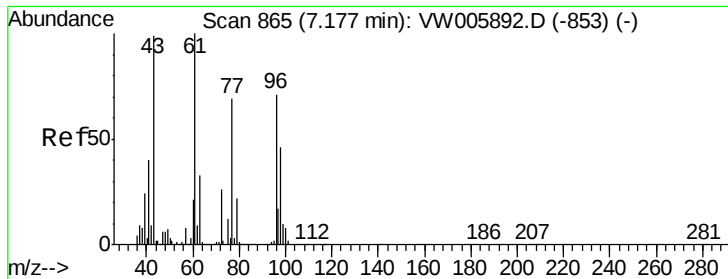
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#24
 1,1-Dichloroethane
 Concen: 19.62 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: VW005888.D
 Acq: 08 Oct 2018 11:23

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.5	10.6
100	4.4	2.4	7.1





#25

2-Butanone

Concen: 97.47 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW005888.D

Acq: 08 Oct 2018 11:23

Instrument :

MSVOA_W

ClientSampled :

VSTDIC020

Tgt Ion: 43 Resp: 95016

Ion Ratio Lower Upper

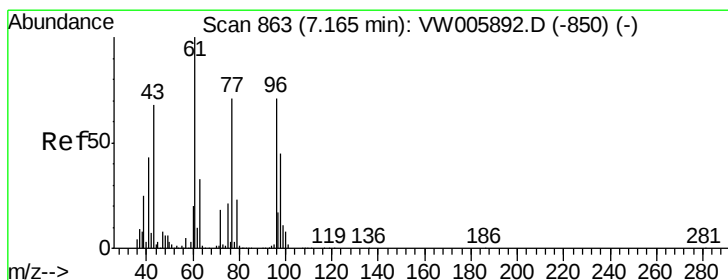
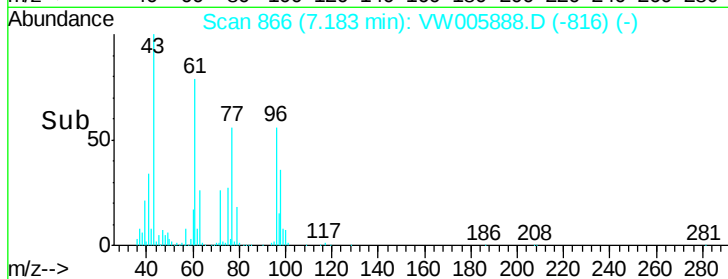
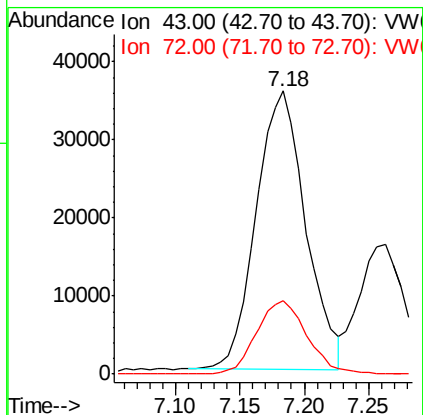
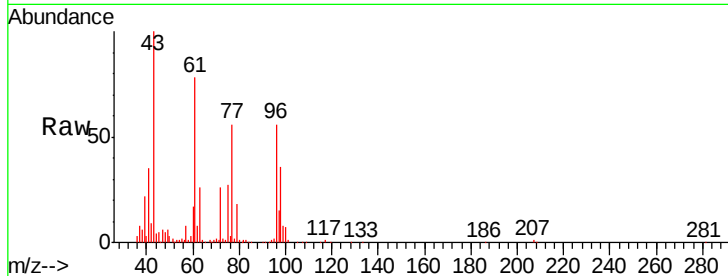
43 100

72 26.5 21.0 31.4

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 19.82 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW005888.D

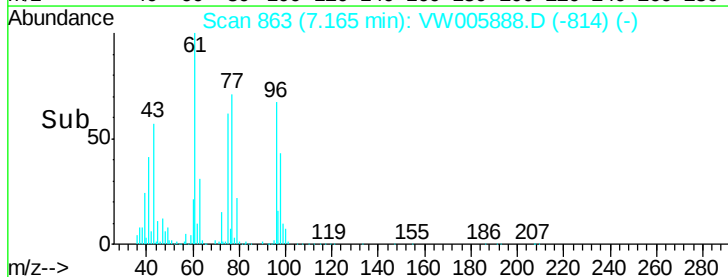
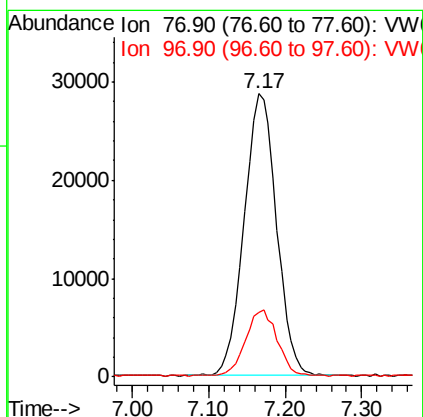
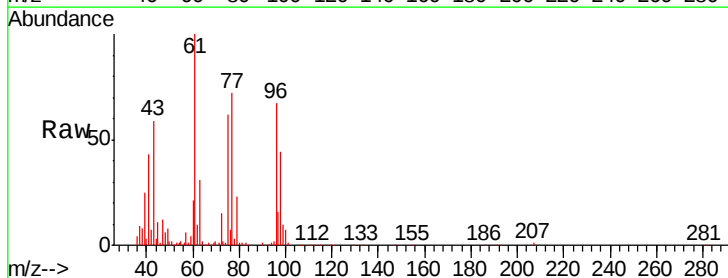
Acq: 08 Oct 2018 11:23

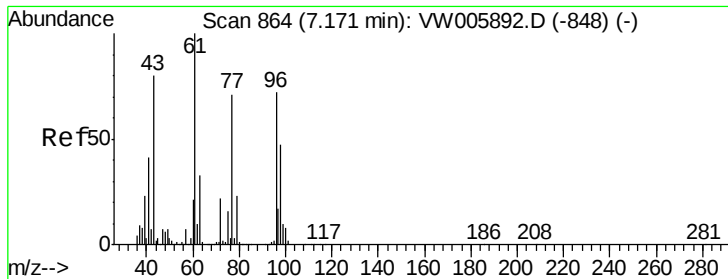
Tgt Ion: 77 Resp: 84658

Ion Ratio Lower Upper

77 100

97 23.4 11.9 35.7





#27

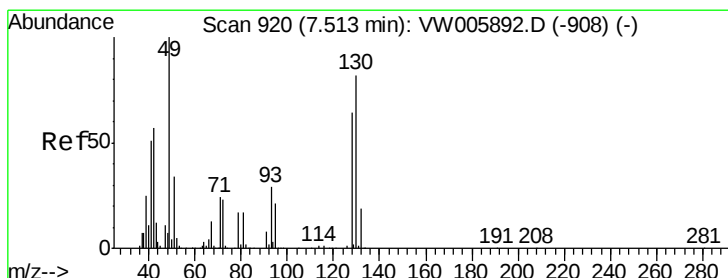
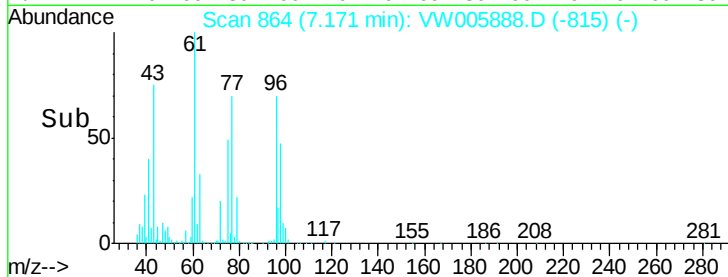
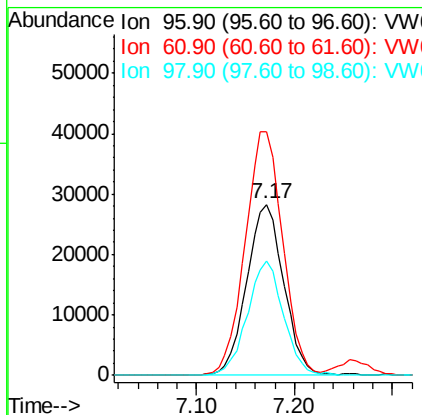
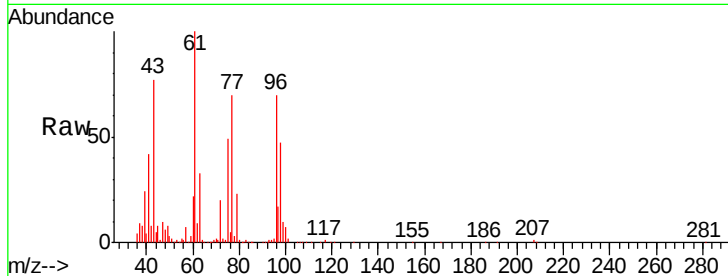
cis-1,2-Dichloroethene
 Concen: 19.23 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW005888.D
 Acq: 08 Oct 2018 11:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Lower	Upper
96	100		
61	146.0	0.0	284.0
98	65.5	0.0	129.8

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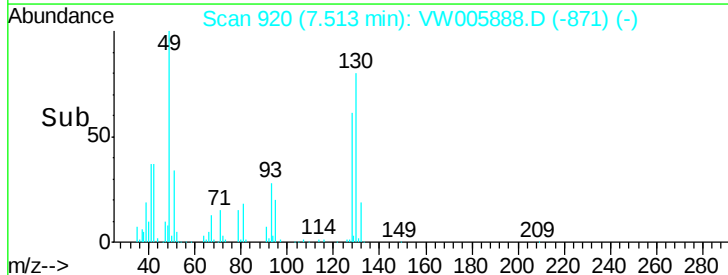
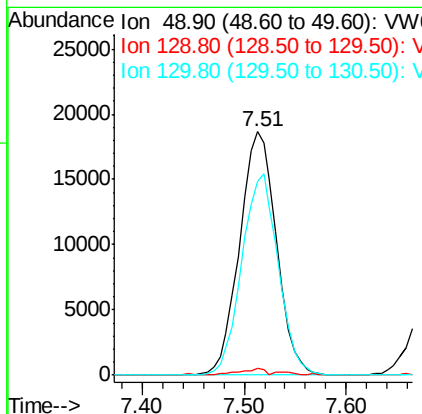
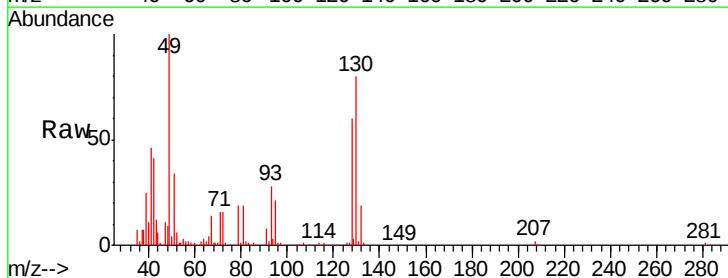
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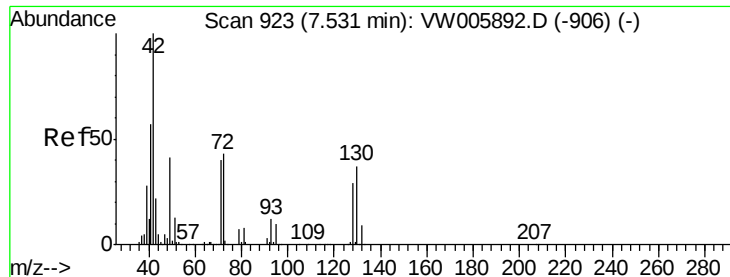


#28

Bromochloromethane
 Concen: 20.87 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW005888.D
 Acq: 08 Oct 2018 11:23

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	5.0
130	82.2	66.9	100.3





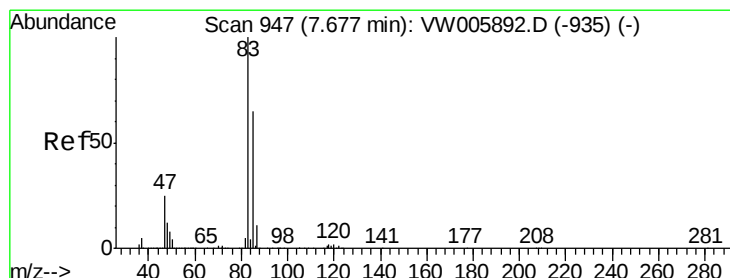
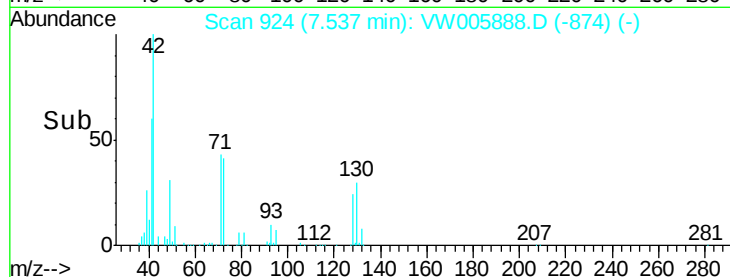
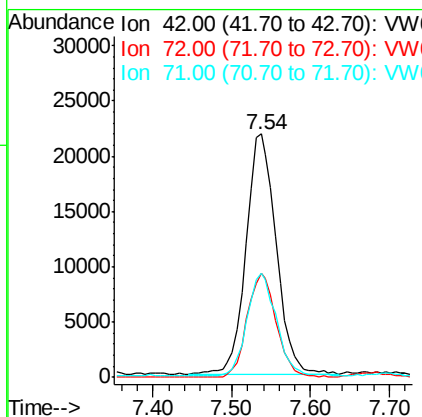
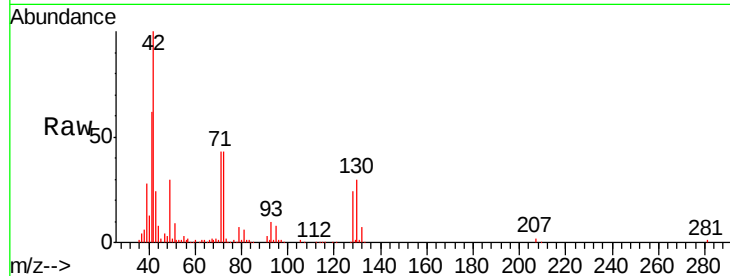
#29
Tetrahydrofuran
Concen: 93.46 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW005888.D
Acq: 08 Oct 2018 11:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
42	100		
72	42.1	34.6	51.8
71	42.3	32.6	49.0

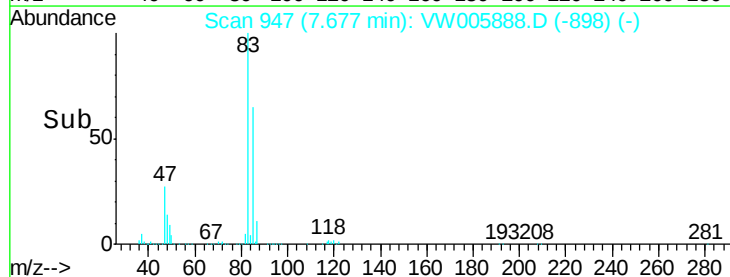
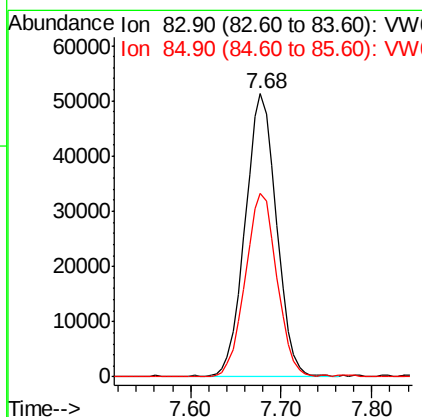
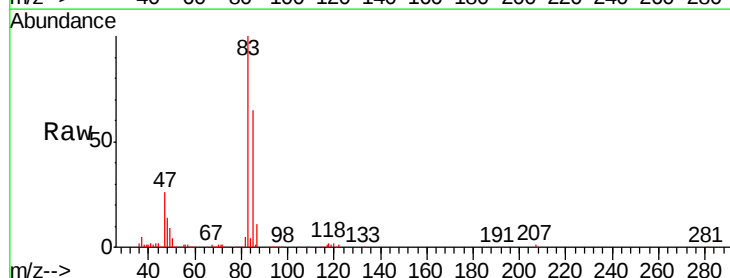
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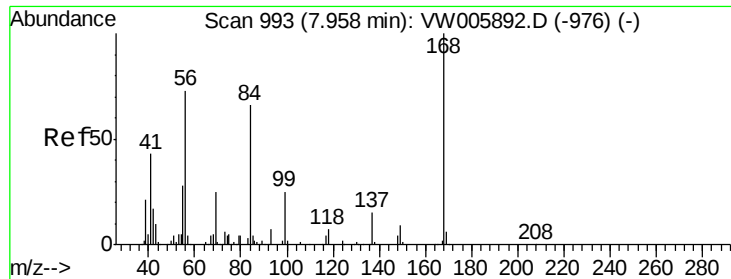
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#30
Chloroform
Concen: 19.55 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW005888.D
Acq: 08 Oct 2018 11:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.6	77.4





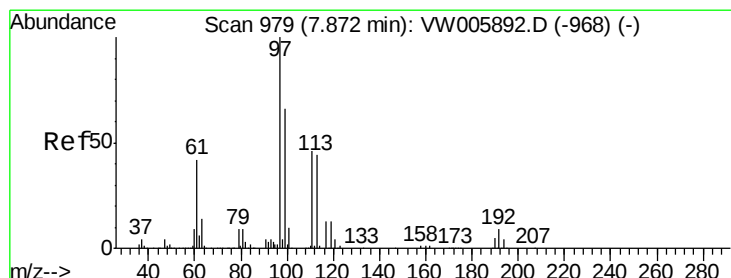
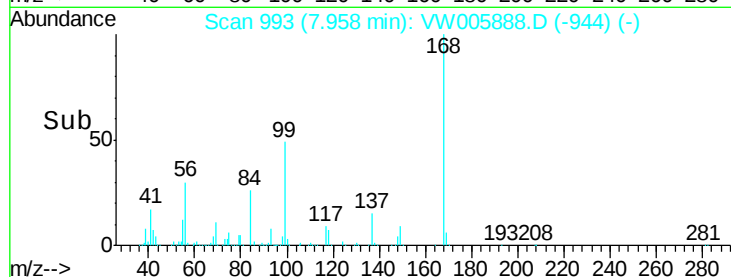
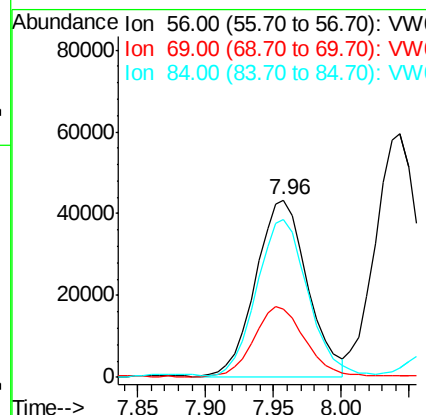
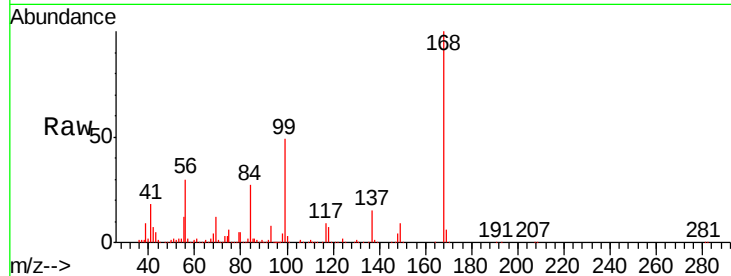
#31
Cyclohexane
Concen: 19.00 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW005888.D
Acq: 08 Oct 2018 11:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
56	100		
69	38.3	27.9	41.9
84	88.3	72.3	108.5

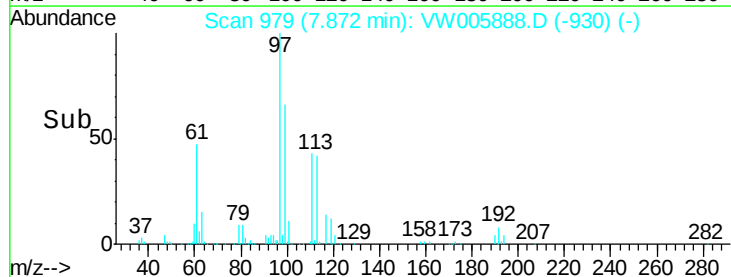
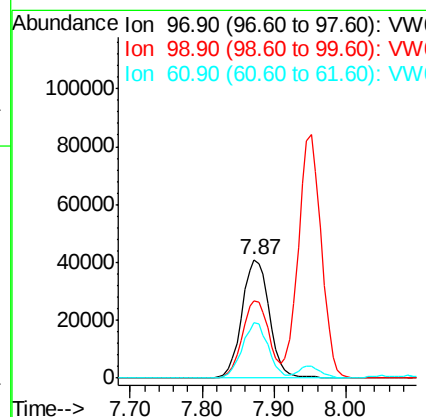
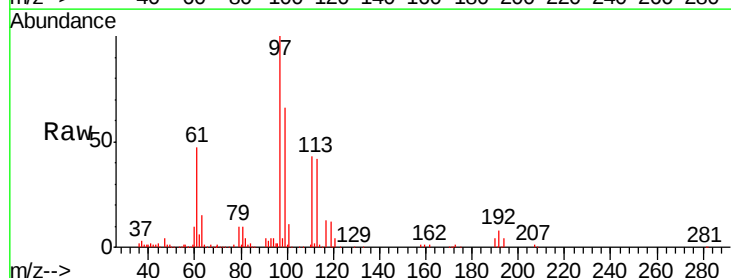
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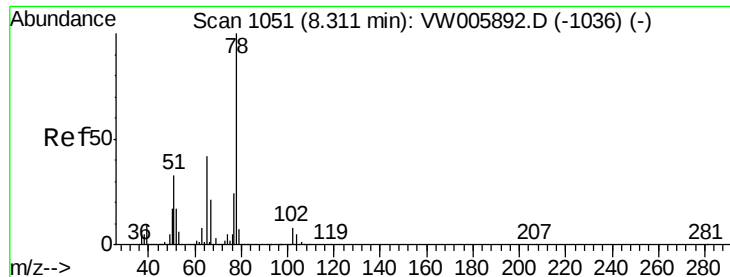
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#32
1,1,1-Trichloroethane
Concen: 19.28 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW005888.D
Acq: 08 Oct 2018 11:23

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.6	77.4
61	44.9	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 19.18 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW005888.D

Acq: 08 Oct 2018 11:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 65803

Ion Ratio Lower Upper

65 100

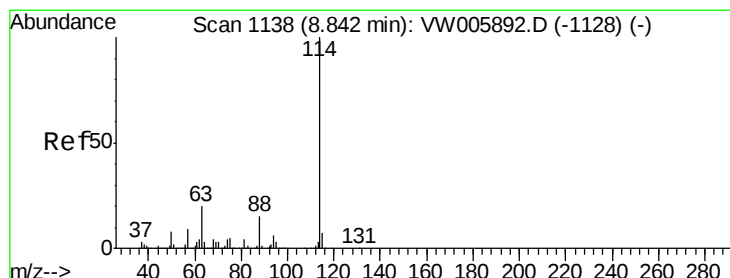
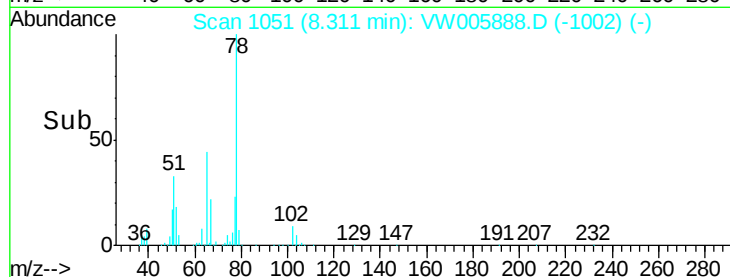
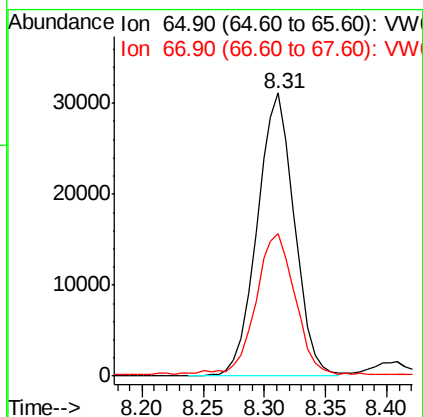
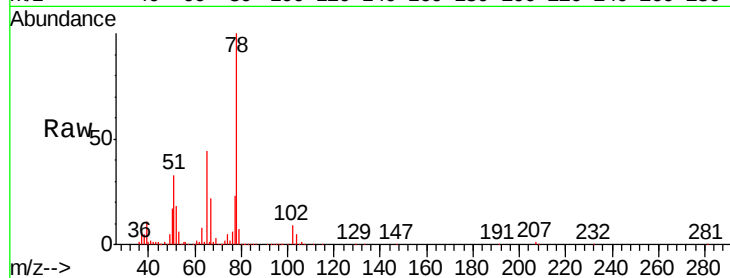
67 52.2 0.0 104.6

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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: VW005888.D

Acq: 08 Oct 2018 11:23

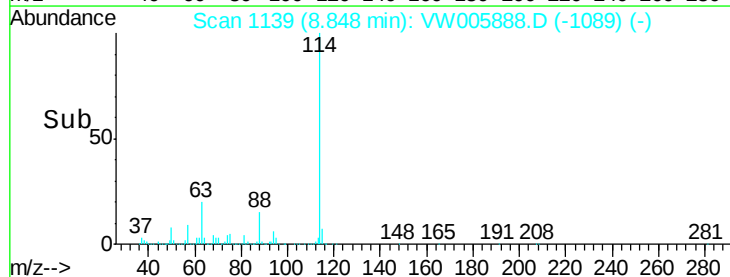
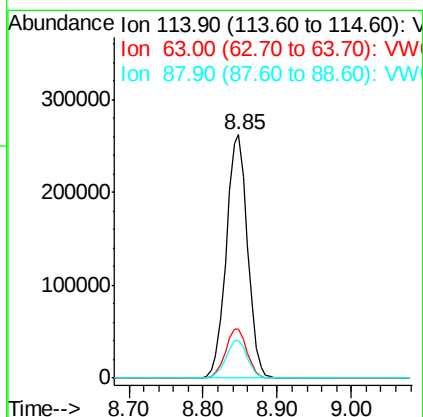
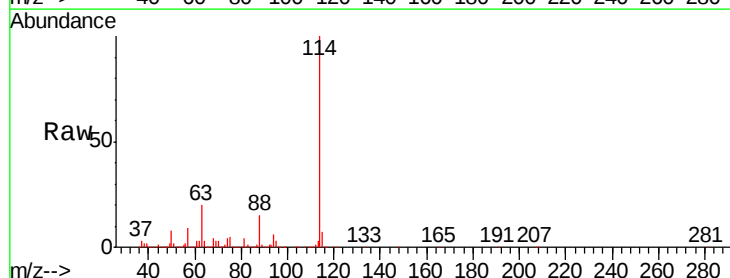
Tgt Ion: 114 Resp: 520591

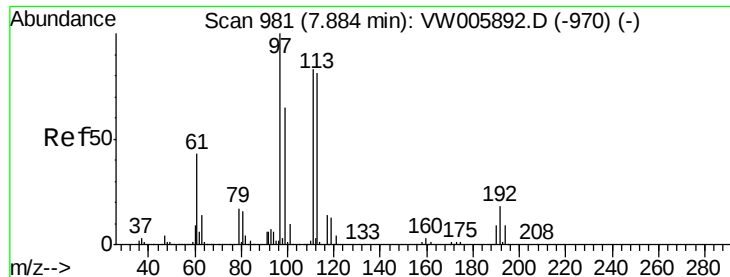
Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.2

88 15.2 0.0 30.8





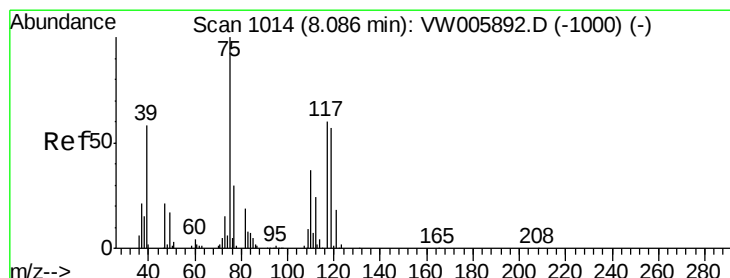
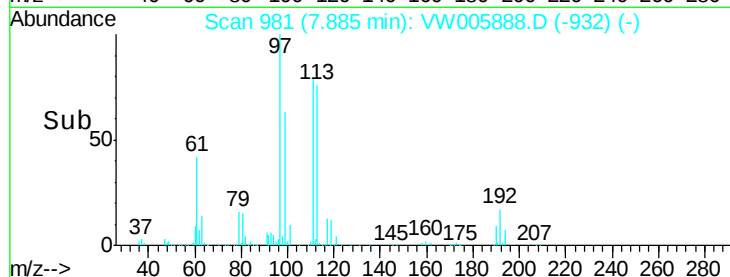
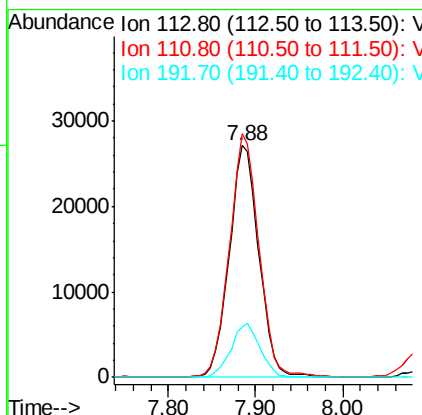
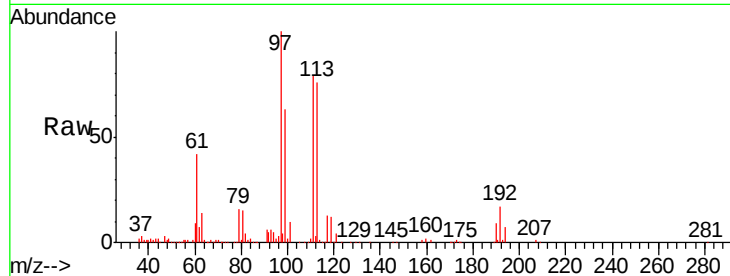
#35
 Dibromofluoromethane
 Concen: 19.20 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW005888.D
 Acq: 08 Oct 2018 11:23

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC020

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.9	82.0	123.0
192	22.9	18.3	27.5

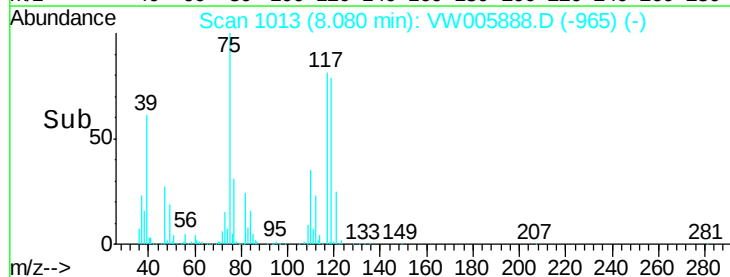
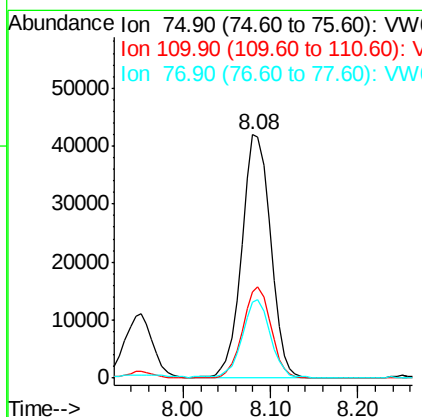
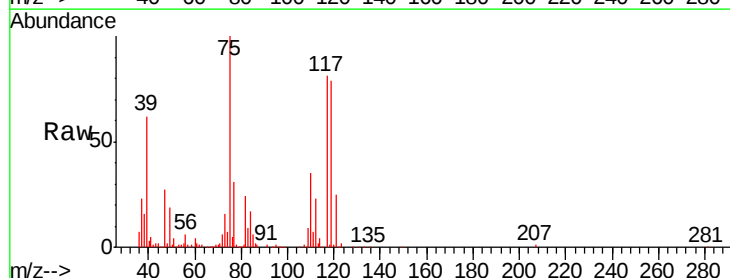
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#36
 1,1-Dichloropropene
 Concen: 19.35 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW005888.D
 Acq: 08 Oct 2018 11:23

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.6	18.6	56.0
77	31.2	24.7	37.1





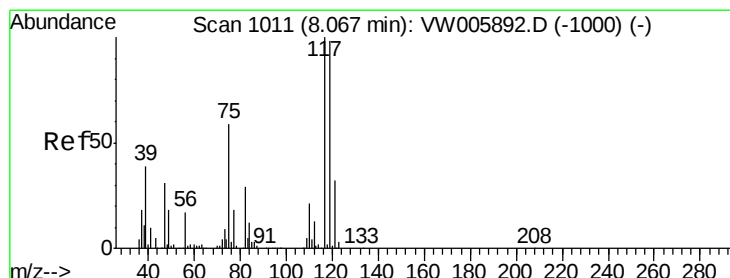
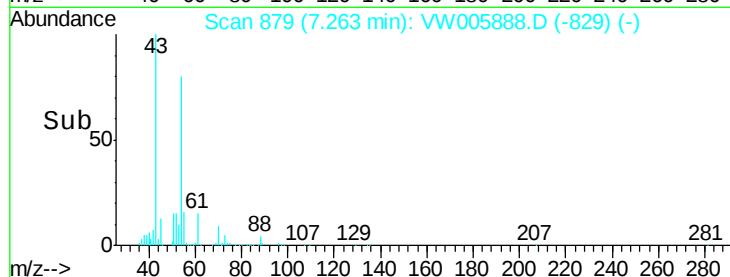
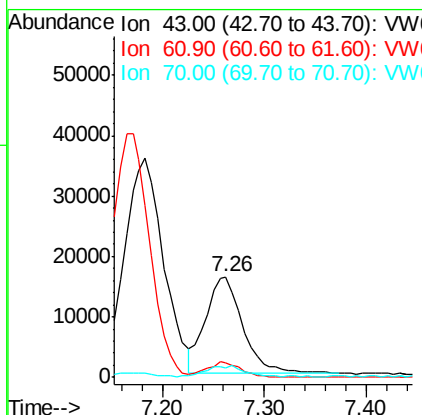
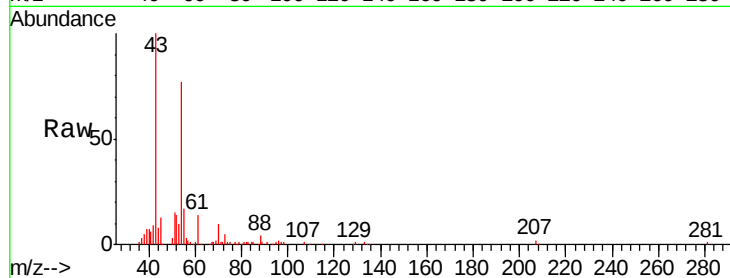
#37
 Ethyl Acetate
 Concen: 19.39 ug/l
 RT: 7.26 min Scan# 879
 Delta R.T. 0.01 min
 Lab File: VW005888.D
 Acq: 08 Oct 2018 11:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.4	10.6	16.0
70	10.2	8.6	13.0

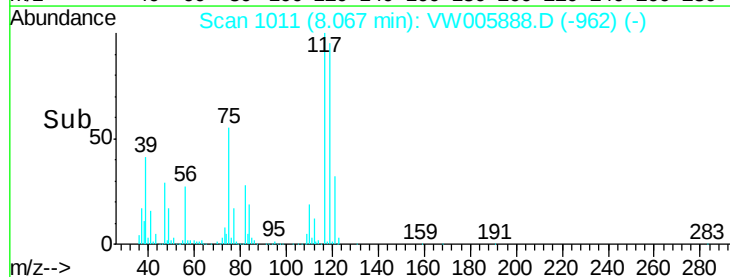
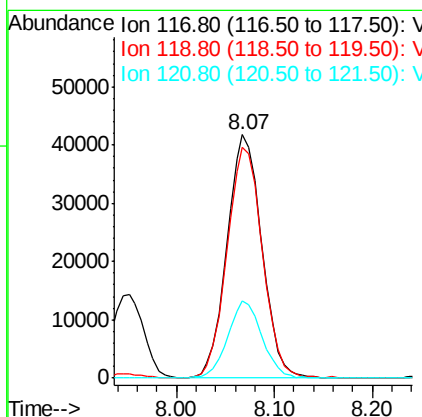
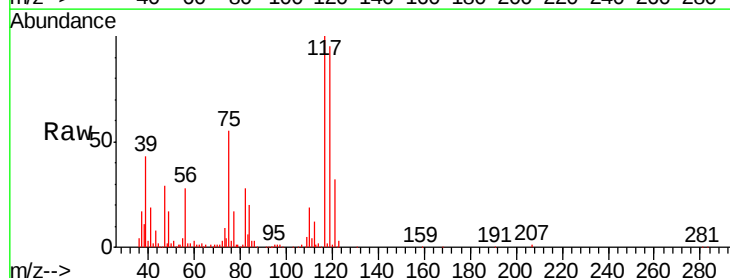
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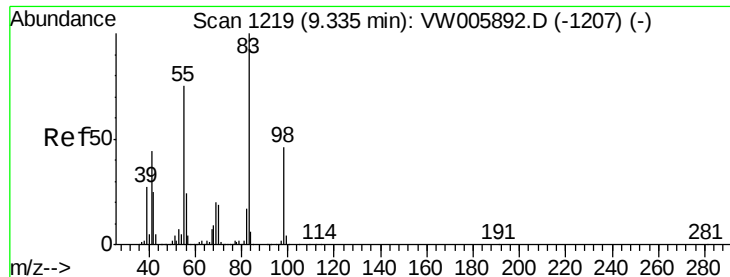
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#38
 Carbon Tetrachloride
 Concen: 19.09 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: VW005888.D
 Acq: 08 Oct 2018 11:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	78.6	117.8
121	31.5	25.3	37.9





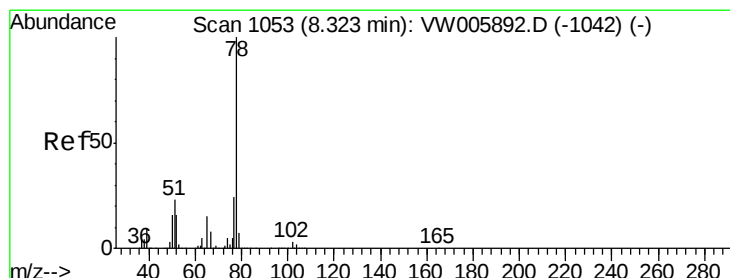
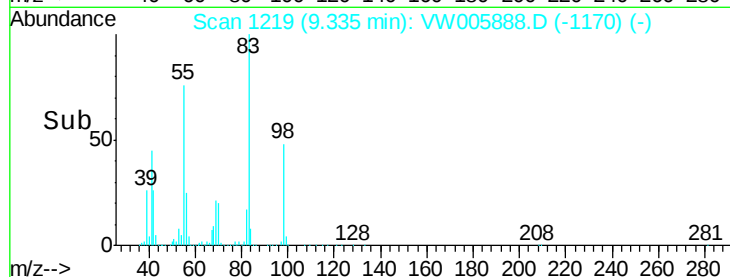
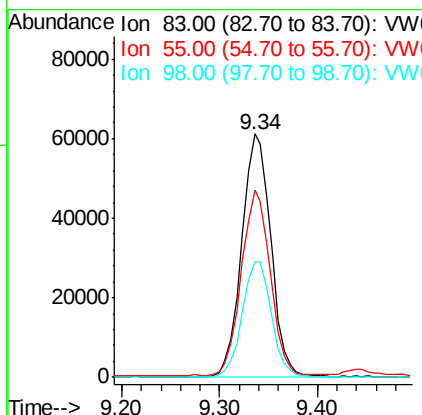
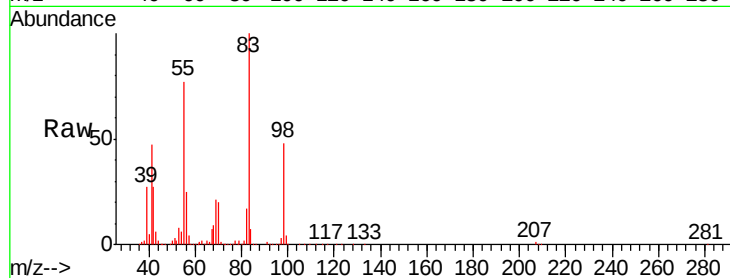
#39
Methylcyclohexane
Concen: 19.10 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW005888.D
Acq: 08 Oct 2018 11:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.2	59.8	89.6
98	47.6	37.1	55.7

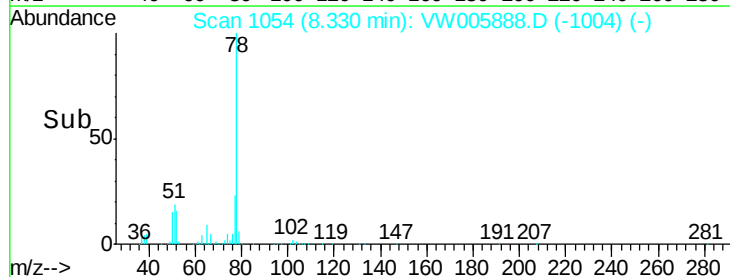
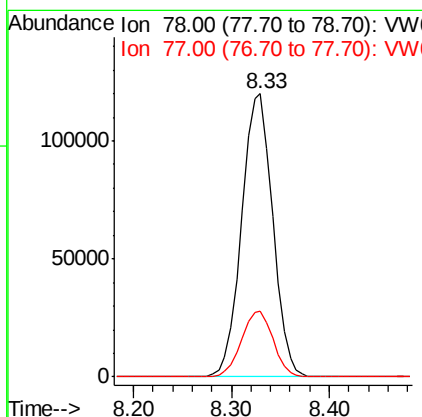
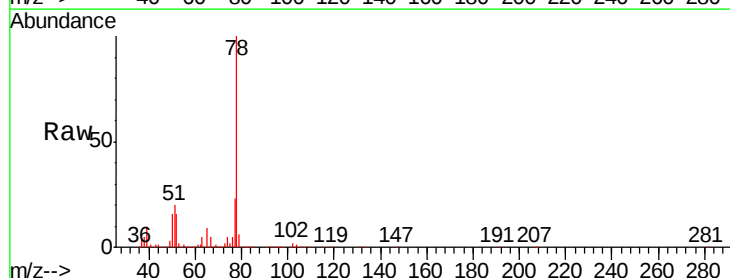
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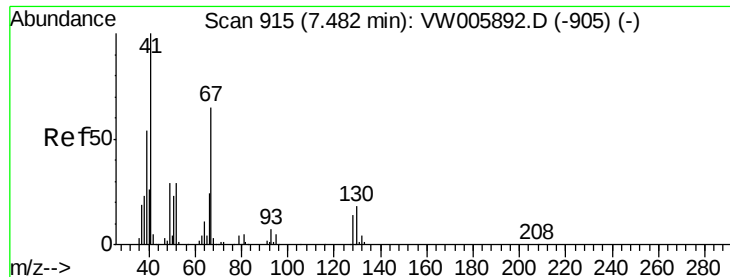
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#40
Benzene
Concen: 19.37 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.01 min
Lab File: VW005888.D
Acq: 08 Oct 2018 11:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.1	28.7





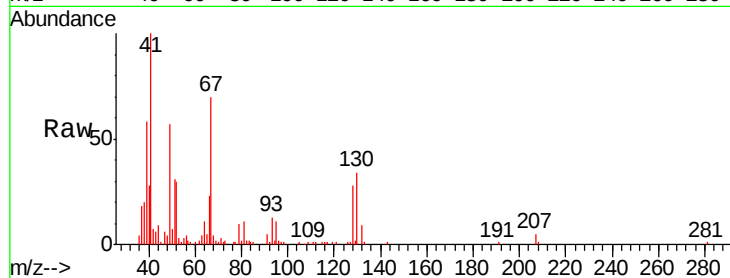
#41
Methacrylonitrile
Concen: 18.28 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW005888.D
Acq: 08 Oct 2018 11:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

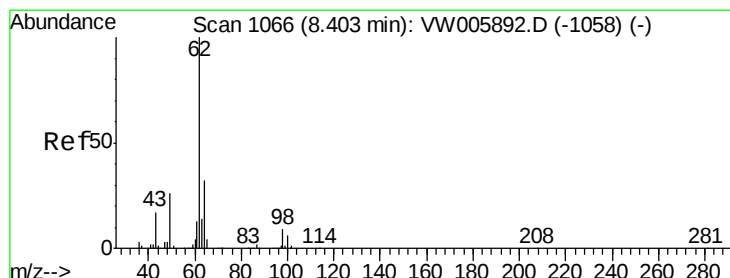
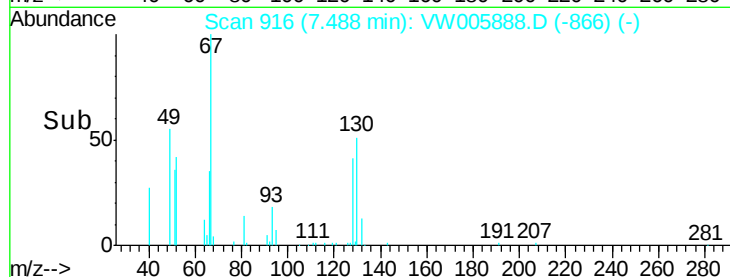
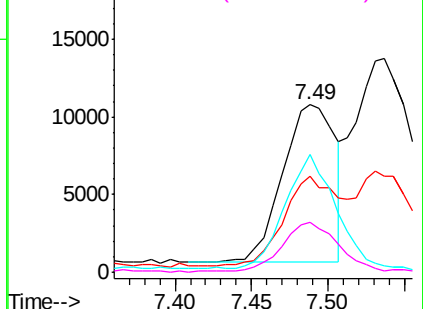
Tgt Ion	Ratio	Lower	Upper
41	100		
39	61.3	45.0	67.4
67	71.2	55.8	83.8
52	34.9	25.3	37.9

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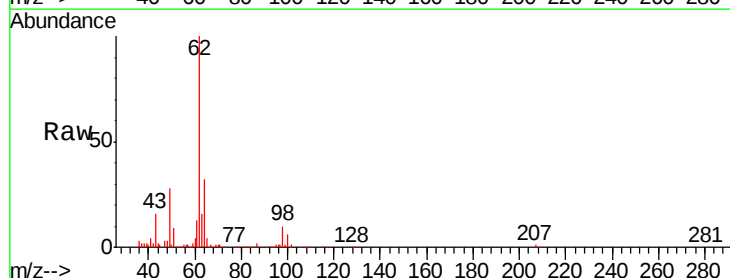


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

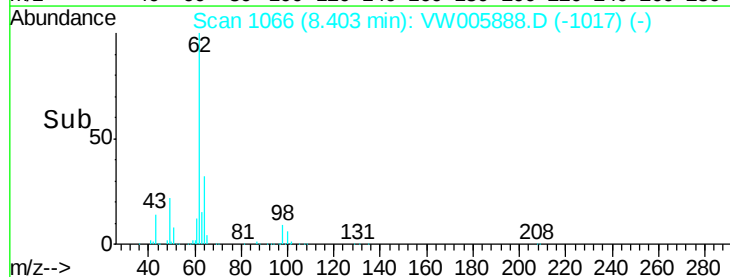
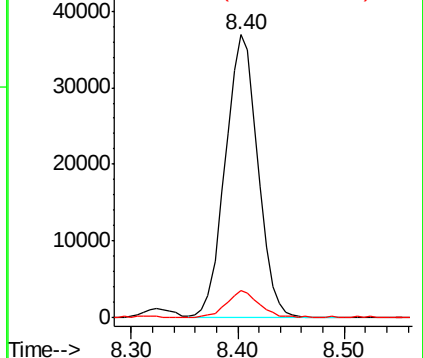


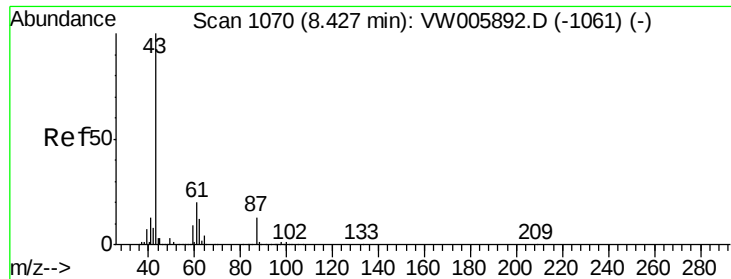
#42
1,2-Dichloroethane
Concen: 19.17 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW005888.D
Acq: 08 Oct 2018 11:23

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.0



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





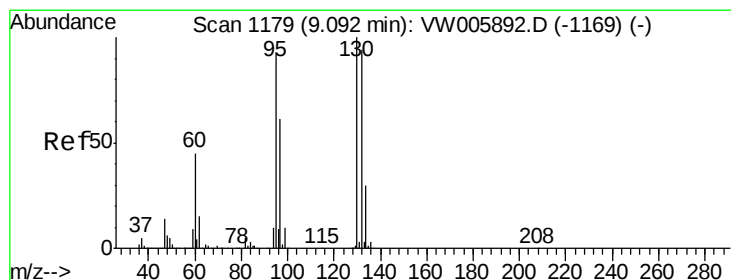
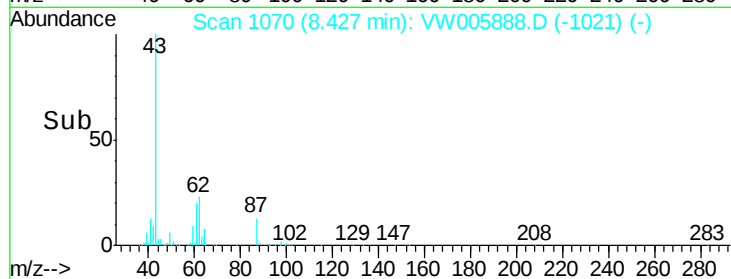
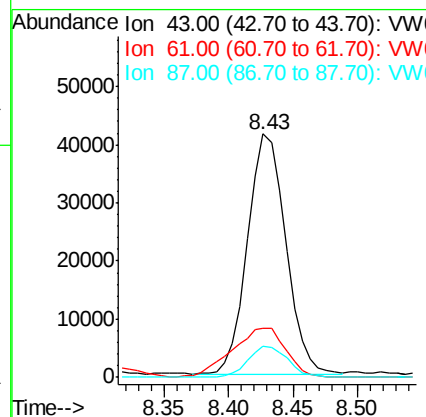
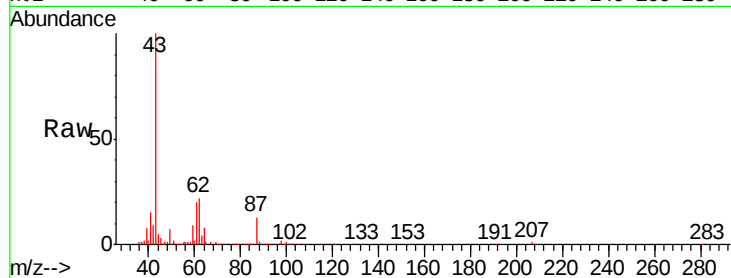
#43
Isopropyl Acetate
Concen: 19.32 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VW005888.D
Acq: 08 Oct 2018 11:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
43	100		
61	28.9	23.1	34.7
87	13.5	10.7	16.1

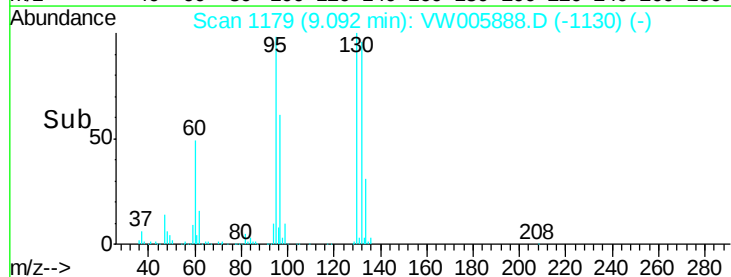
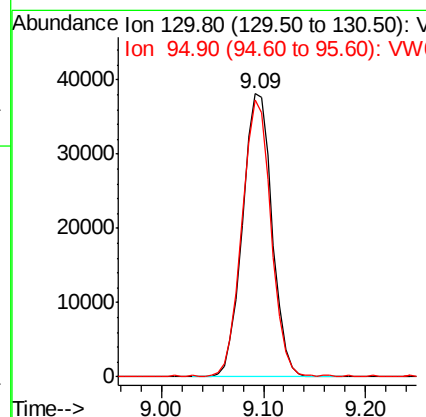
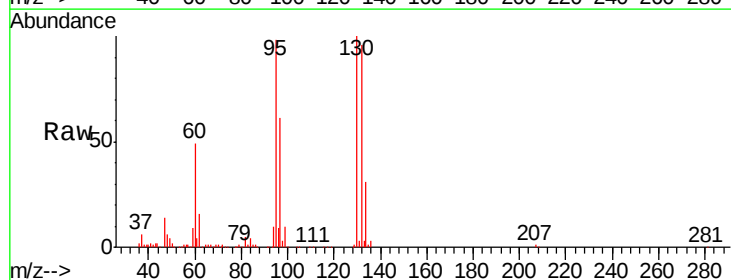
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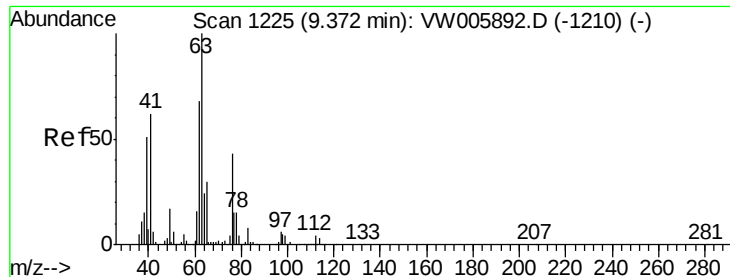
apatel
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#44
Trichloroethene
Concen: 19.28 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW005888.D
Acq: 08 Oct 2018 11:23

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.6	0.0	185.6





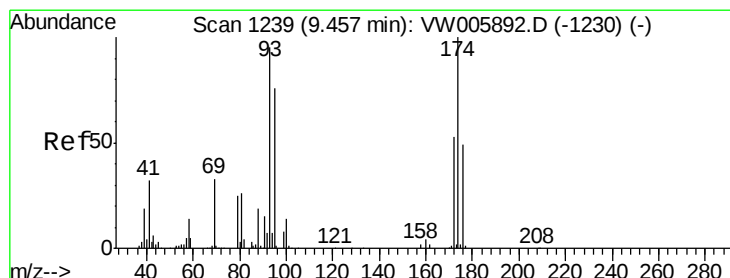
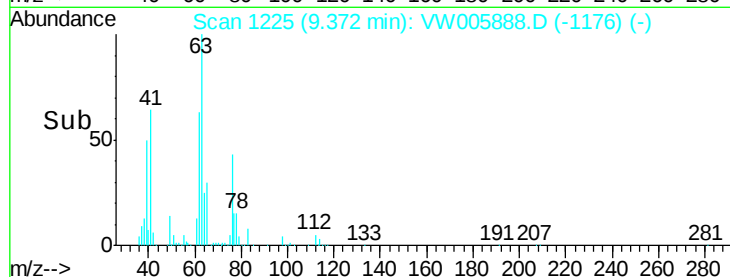
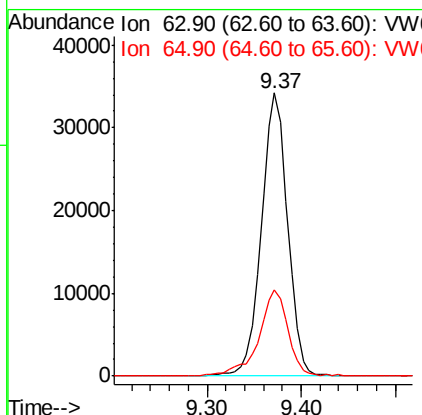
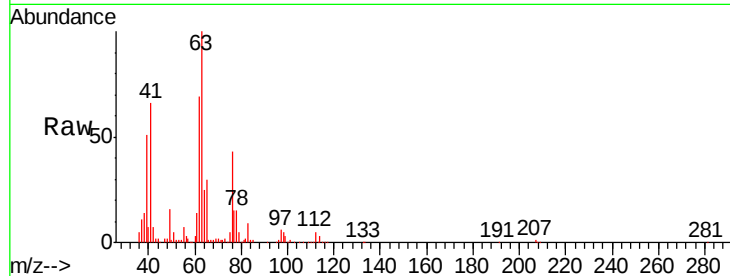
#45
 1,2-Dichloropropane
 Concen: 19.61 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW005888.D
 Acq: 08 Oct 2018 11:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Lower	Upper
63	100		
65	30.0	24.3	36.5

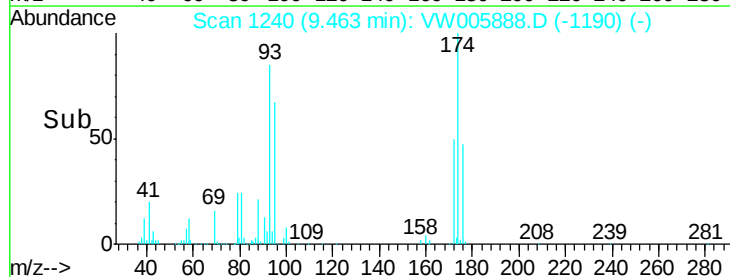
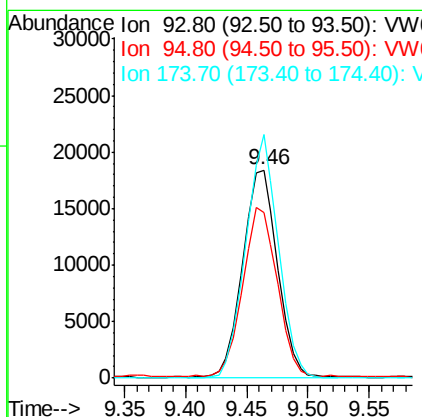
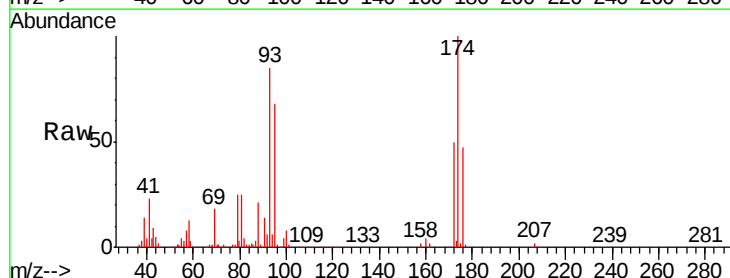
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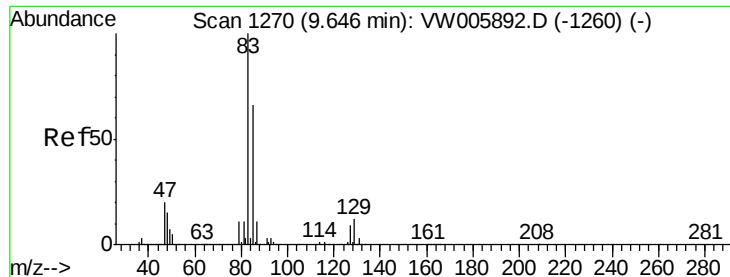
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#46
 Dibromomethane
 Concen: 19.30 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: VW005888.D
 Acq: 08 Oct 2018 11:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.2	66.6	99.8
174	110.4	90.4	135.6





#47

Bromodichloromethane

Concen: 19.46 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW005888.D

Acq: 08 Oct 2018 11:23

Instrument :

MSVOA_W

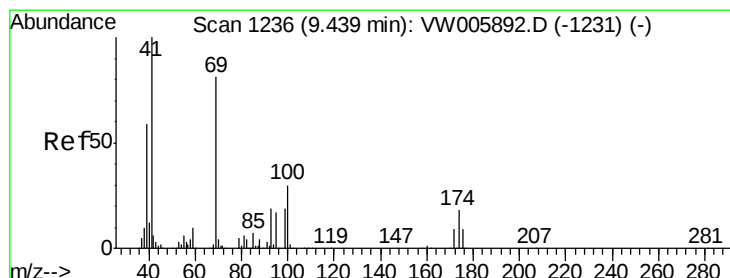
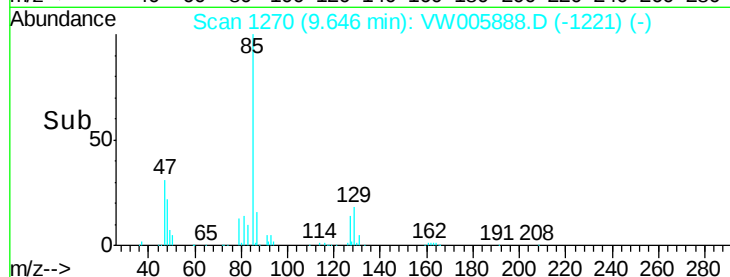
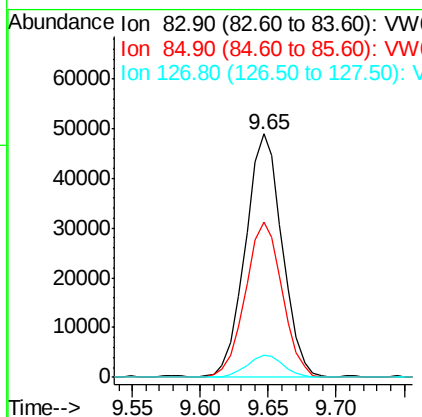
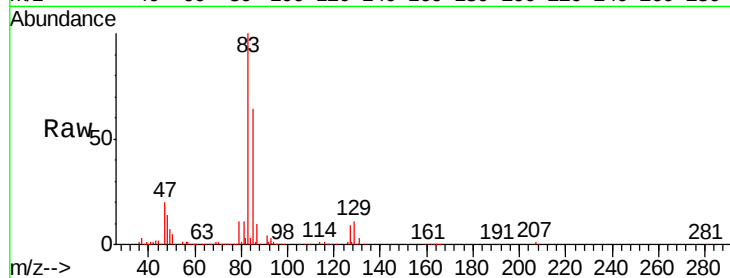
ClientSampleId :

VSTDIC020

Tgt Ion:	83	Resp:	91954
Ion	Ratio	Lower	Upper
83	100		
85	63.6	53.0	79.6
127	9.1	7.4	11.0

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#48

Methyl methacrylate

Concen: 19.07 ug/l

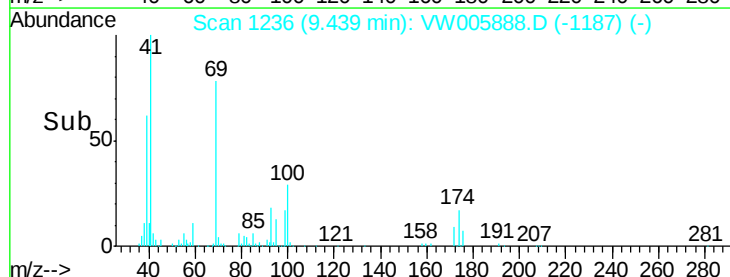
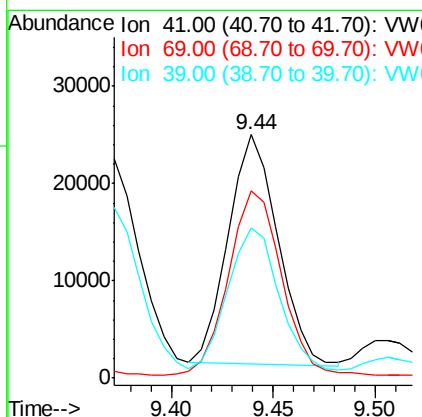
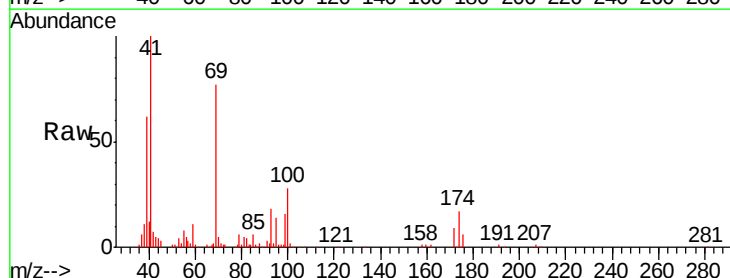
RT: 9.44 min Scan# 1236

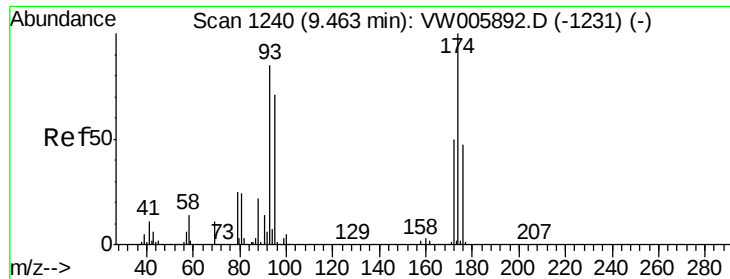
Delta R.T. 0.00 min

Lab File: VW005888.D

Acq: 08 Oct 2018 11:23

Tgt Ion:	41	Resp:	40092
Ion	Ratio	Lower	Upper
41	100		
69	86.3	68.7	103.1
39	68.2	50.0	75.0





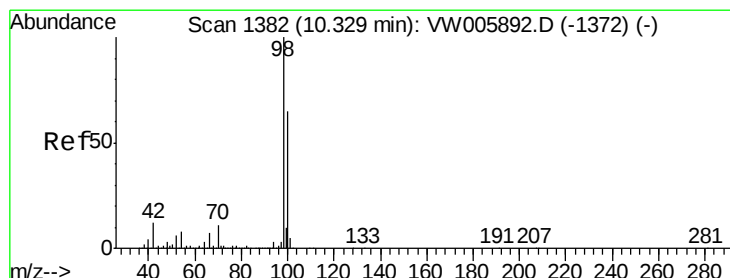
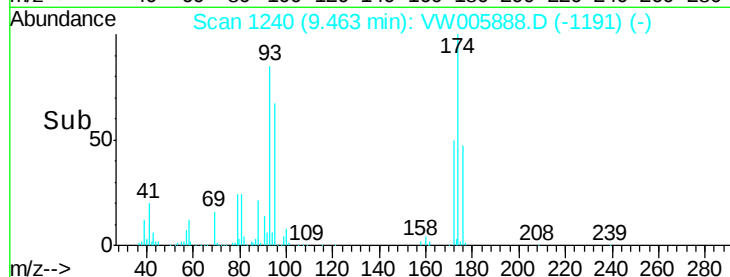
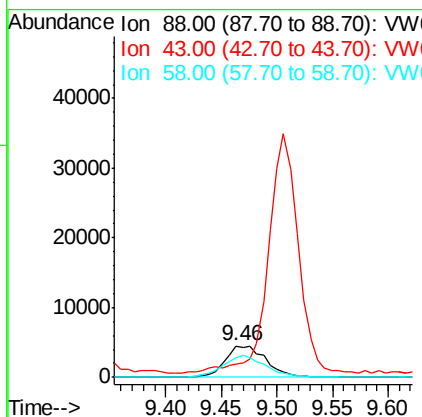
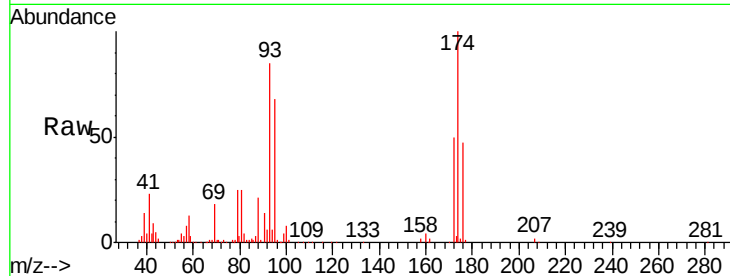
#49
1,4-Dioxane
Concen: 399.27 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VW005888.D
Acq: 08 Oct 2018 11:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	75.6	57.7	86.5

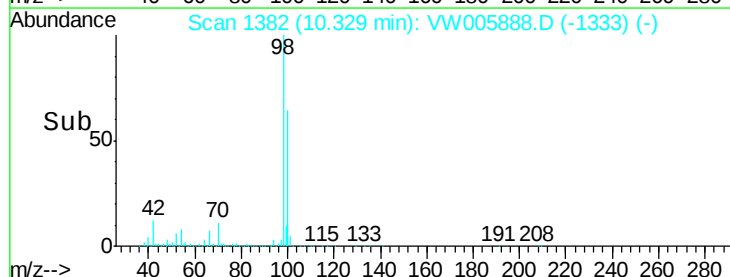
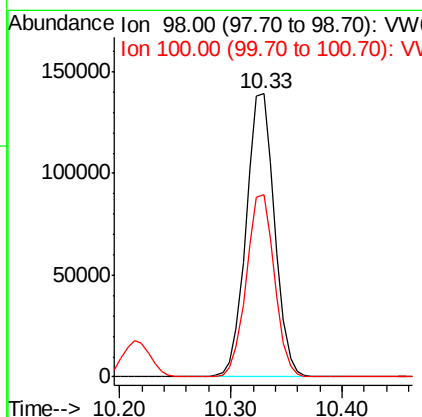
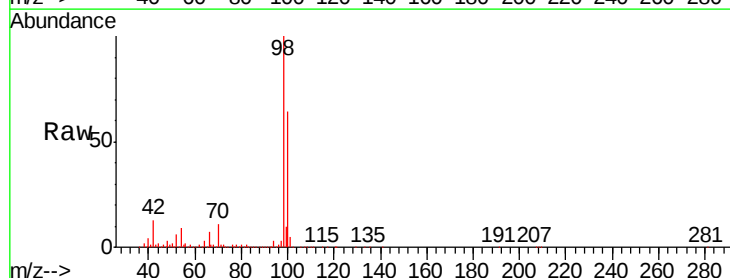
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#50
Toluene-d8
Concen: 19.37 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW005888.D
Acq: 08 Oct 2018 11:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.9	77.9





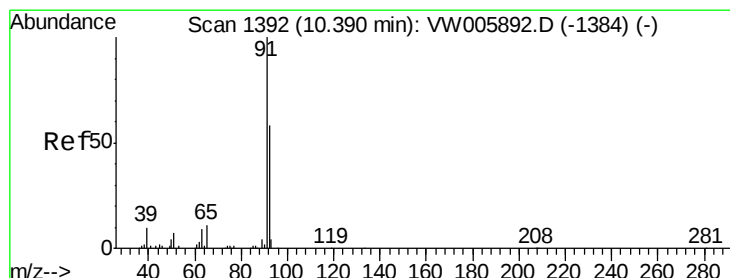
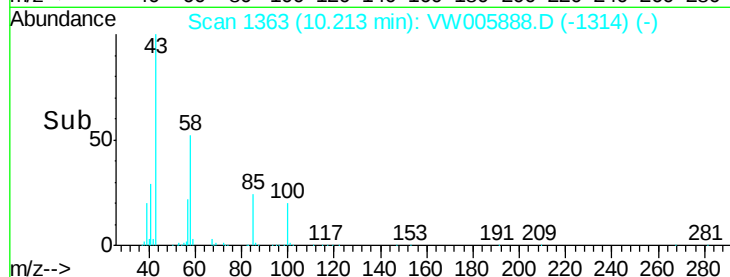
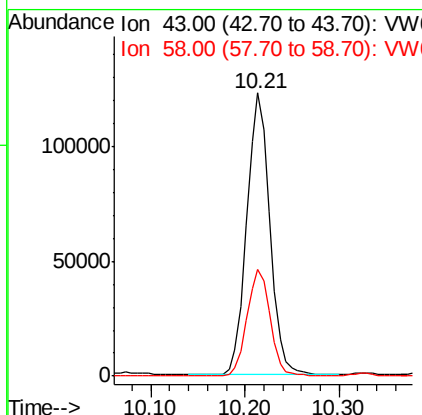
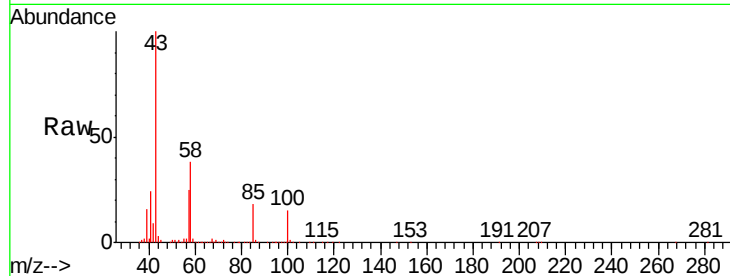
#51
 4-Methyl-2-Pentanone
 Concen: 98.18 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW005888.D
 Acq: 08 Oct 2018 11:23

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC020

Tgt Ion: 43 Resp: 210977
 Ion Ratio Lower Upper
 43 100
 58 38.0 30.2 45.4

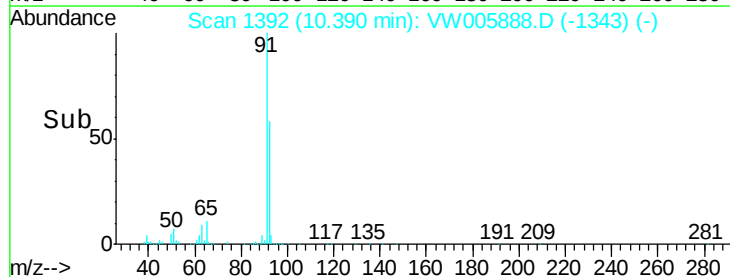
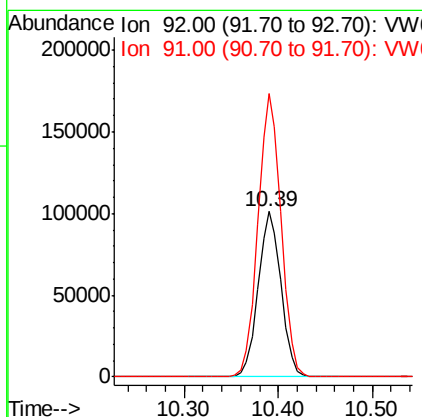
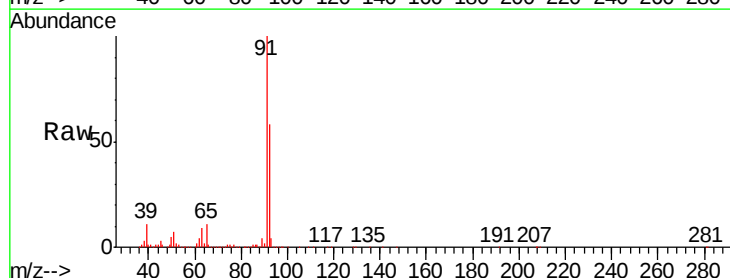
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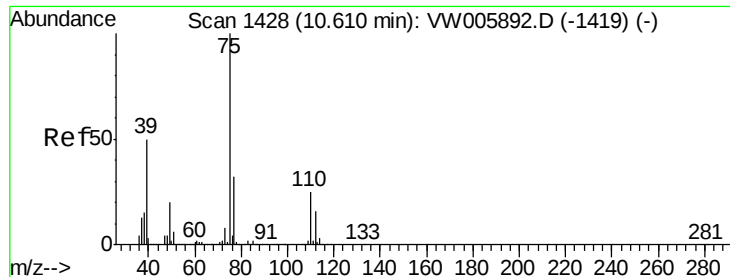
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#52
 Toluene
 Concen: 19.25 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW005888.D
 Acq: 08 Oct 2018 11:23

Tgt Ion: 92 Resp: 172655
 Ion Ratio Lower Upper
 92 100
 91 172.8 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 19.29 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW005888.D

Acq: 08 Oct 2018 11:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tgt Ion: 75 Resp: 95269

Ion Ratio Lower Upper

75 100

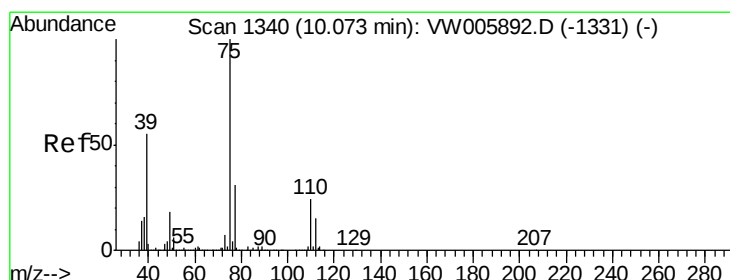
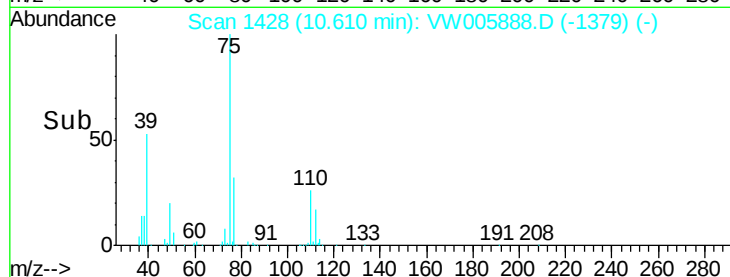
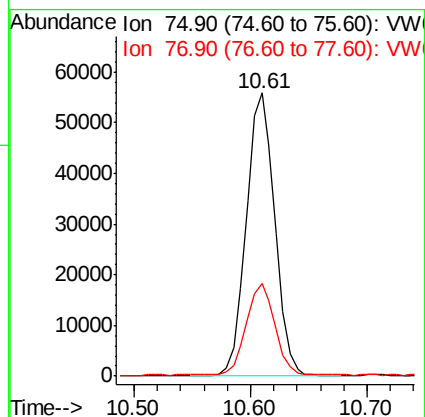
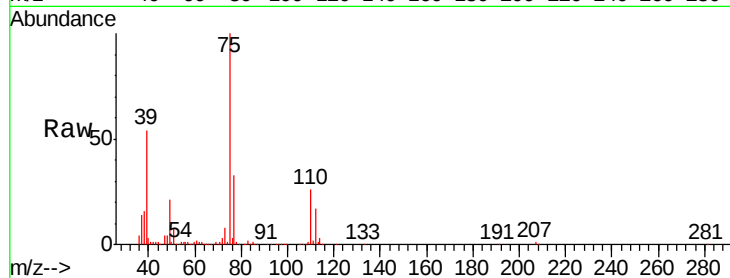
77 32.2 25.4 38.2

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#54

cis-1,3-Dichloropropene

Concen: 19.29 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW005888.D

Acq: 08 Oct 2018 11:23

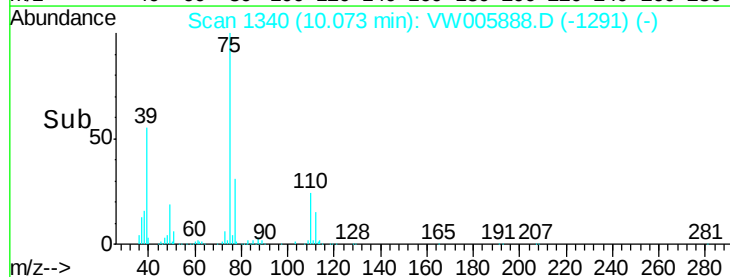
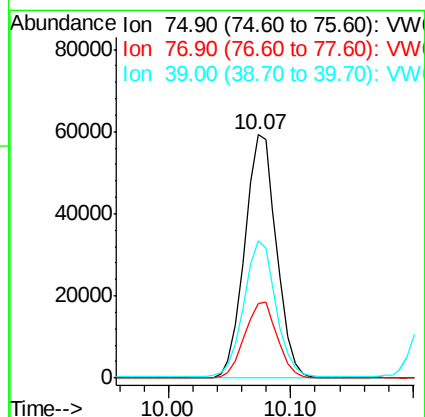
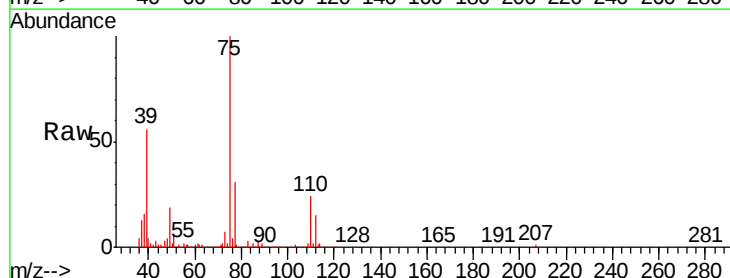
Tgt Ion: 75 Resp: 107107

Ion Ratio Lower Upper

75 100

77 30.6 24.6 37.0

39 55.9 44.2 66.4





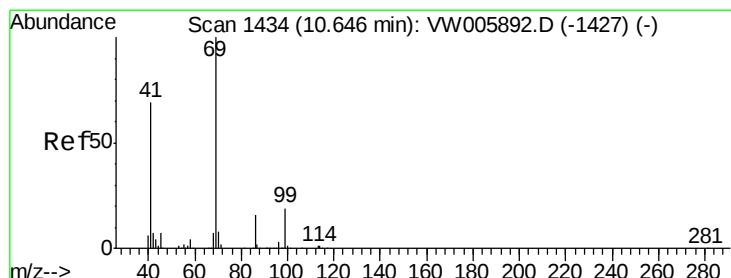
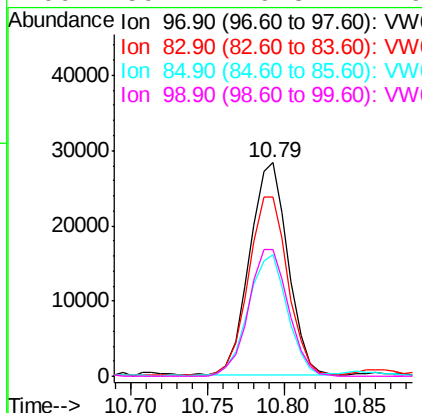
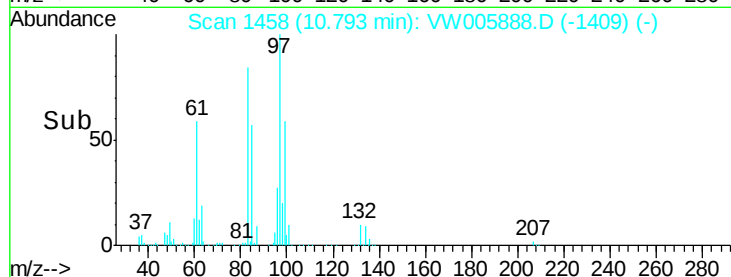
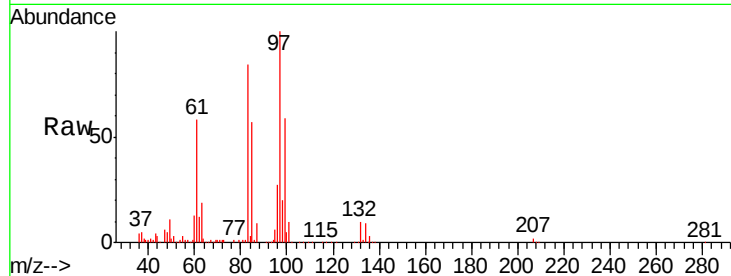
#55
 1,1,2-Trichloroethane
 Concen: 19.01 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW005888.D
 Acq: 08 Oct 2018 11:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion:	97	Resp:	49466
Ion	Ratio	Lower	Upper
97	100		
83	83.6	66.9	100.3
85	57.0	43.4	65.0
99	59.4	49.8	74.6

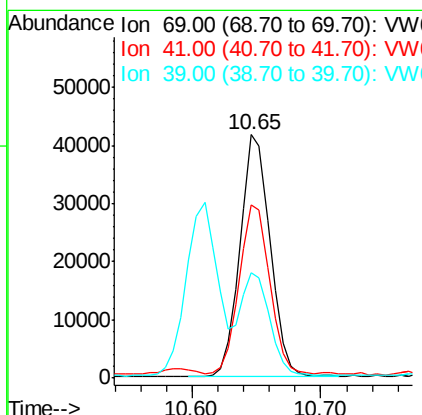
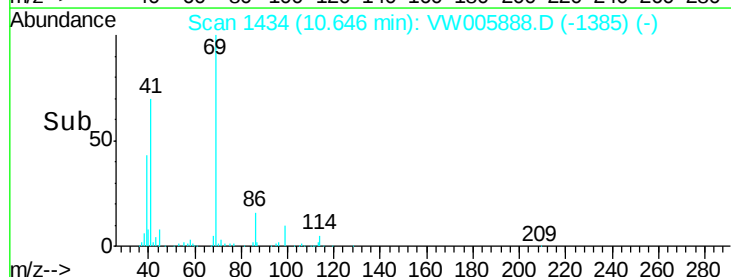
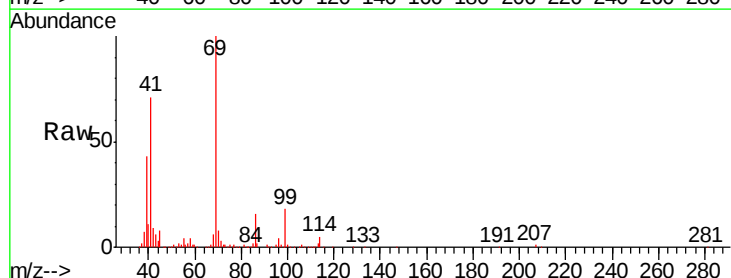
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#56
 Ethyl methacrylate
 Concen: 19.21 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW005888.D
 Acq: 08 Oct 2018 11:23

Tgt Ion:	69	Resp:	67355
Ion	Ratio	Lower	Upper
69	100		
41	70.1	56.0	84.0
39	42.1	33.5	50.3





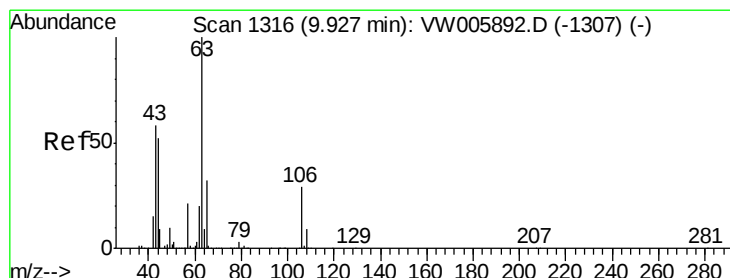
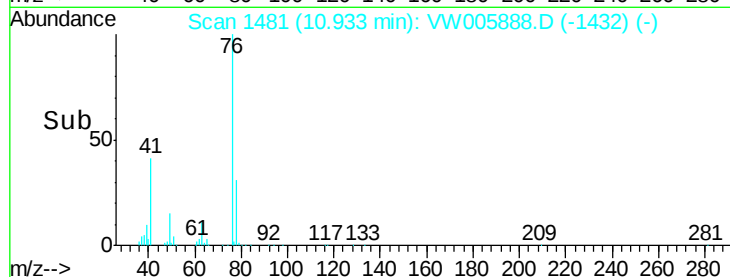
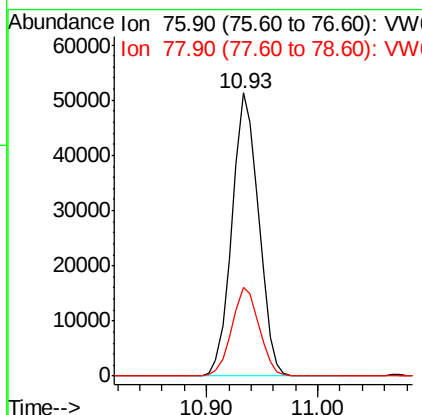
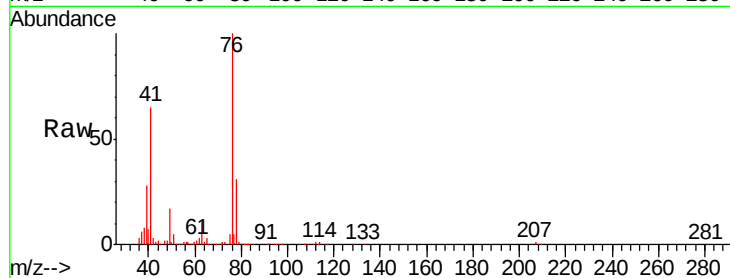
#57
 1,3-Dichloropropane
 Concen: 19.43 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW005888.D
 Acq: 08 Oct 2018 11:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.8	38.6

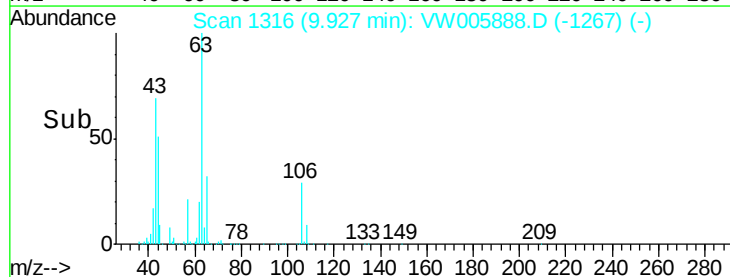
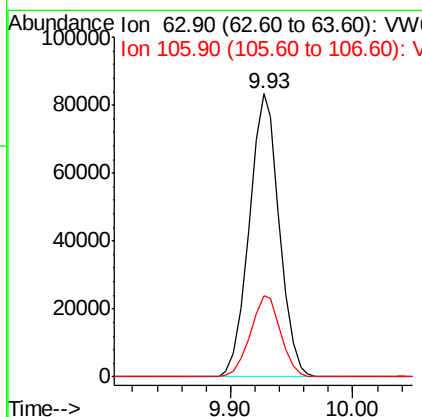
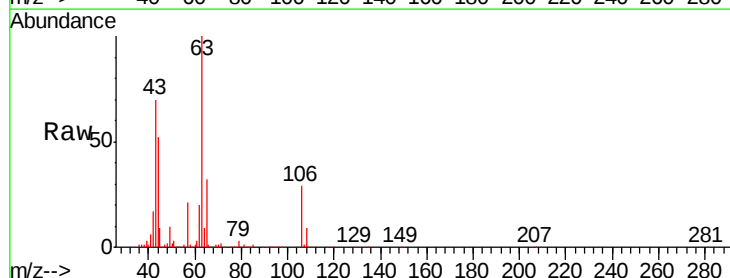
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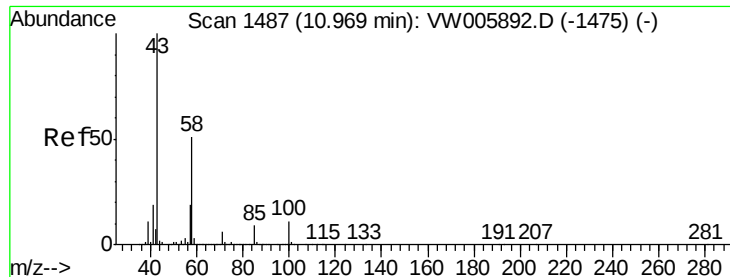
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#58
 2-Chloroethyl Vinyl ether
 Concen: 99.69 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW005888.D
 Acq: 08 Oct 2018 11:23

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.9	23.6	35.4





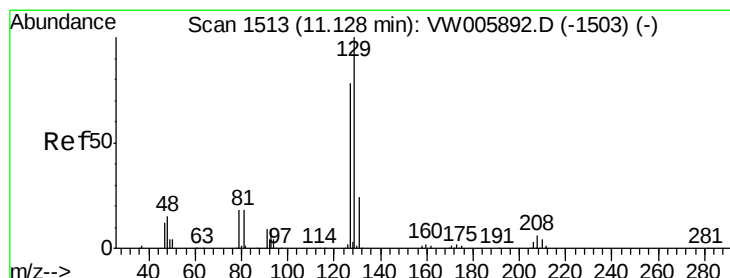
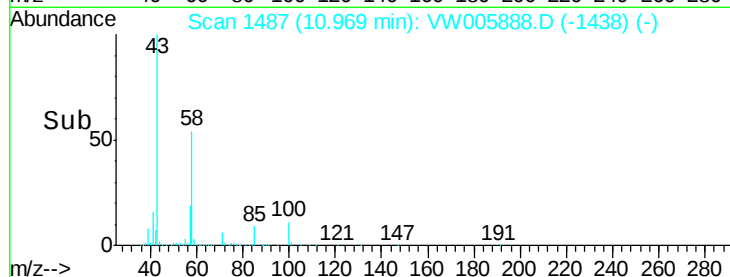
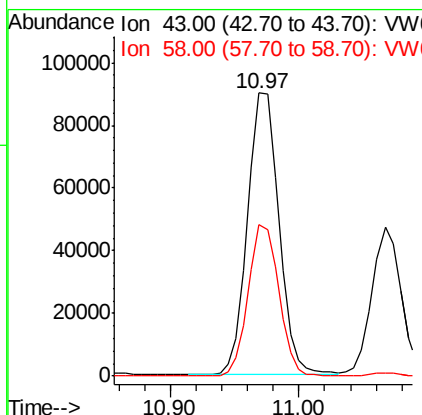
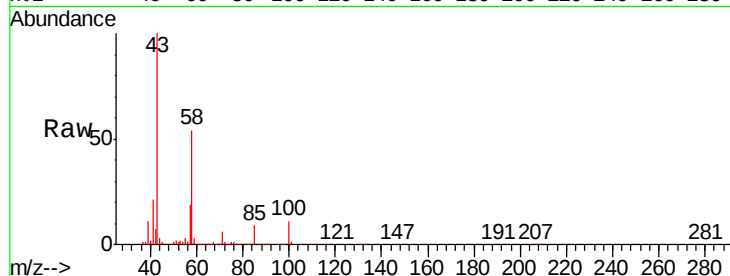
#59
2-Hexanone
Concen: 98.33 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW005888.D
Acq: 08 Oct 2018 11:23

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

Tgt Ion: 43 Resp: 151500
Ion Ratio Lower Upper
43 100
58 52.7 25.7 77.1

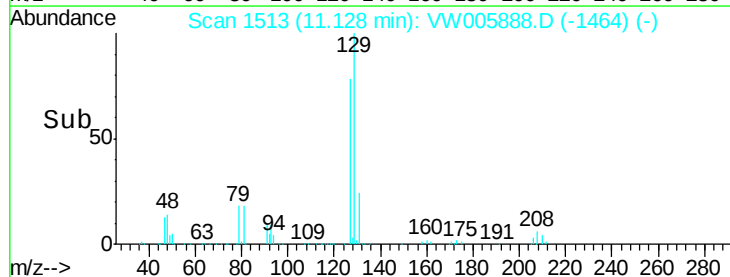
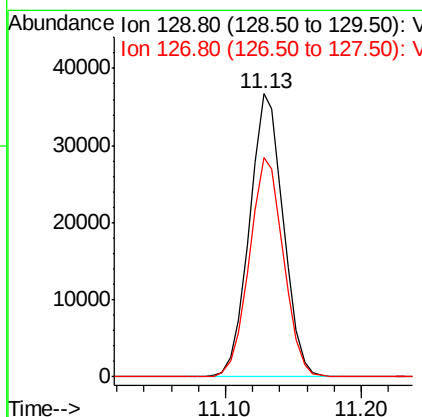
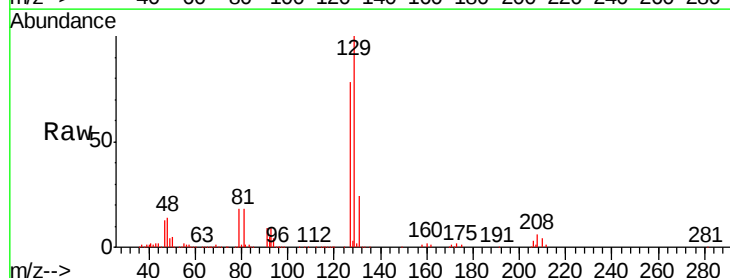
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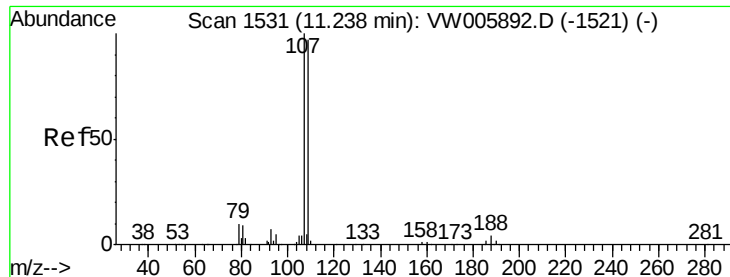
apatel
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#60
Dibromochloromethane
Concen: 19.10 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW005888.D
Acq: 08 Oct 2018 11:23

Tgt Ion: 129 Resp: 64107
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.5





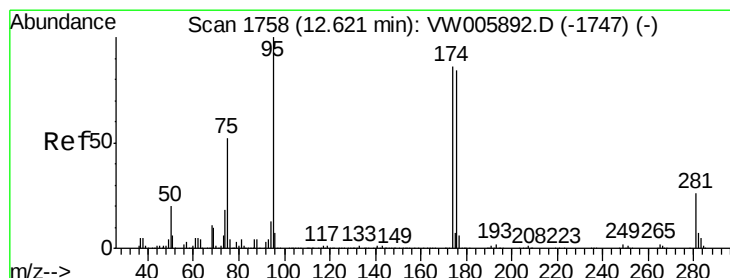
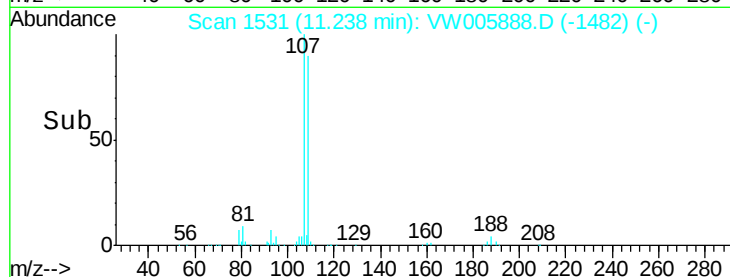
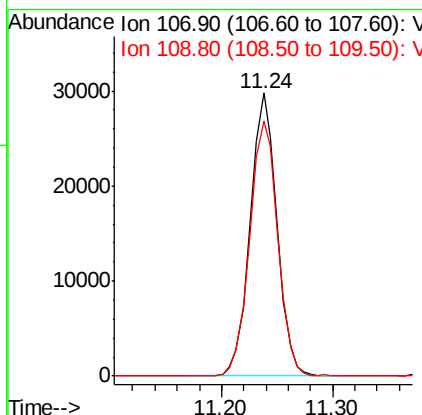
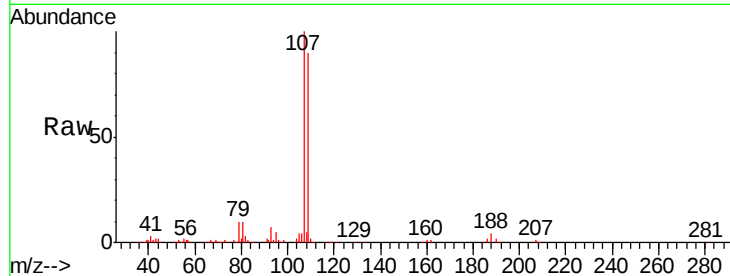
#61
 1,2-Dibromoethane
 Concen: 19.22 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW005888.D
 Acq: 08 Oct 2018 11:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion: 107 Resp: 49965
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.8 113.8

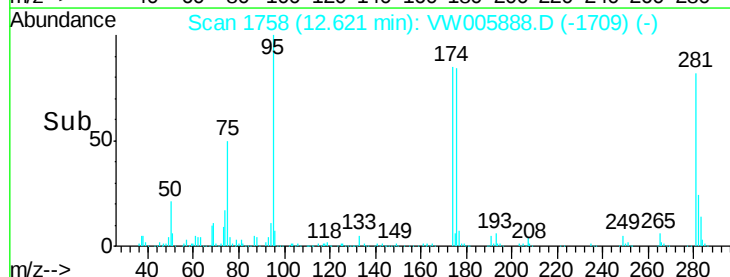
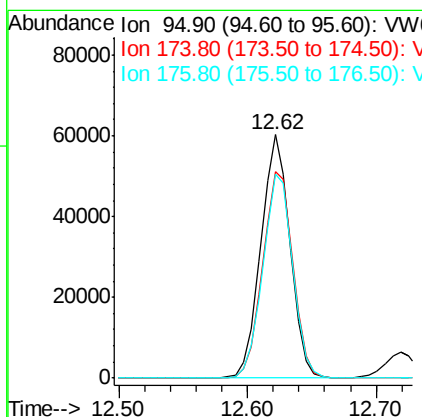
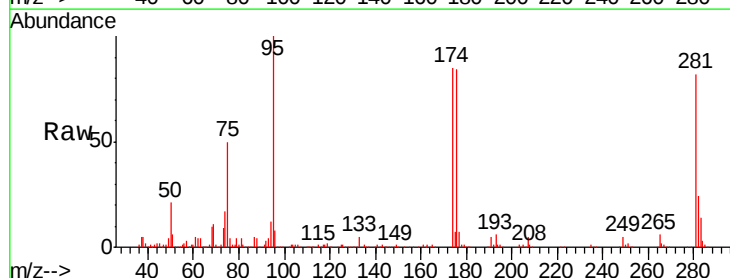
Manual Integrations
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#62
 4-Bromofluorobenzene
 Concen: 19.24 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW005888.D
 Acq: 08 Oct 2018 11:23

Tgt Ion: 95 Resp: 93588
 Ion Ratio Lower Upper
 95 100
 174 88.5 0.0 176.4
 176 86.3 0.0 173.0





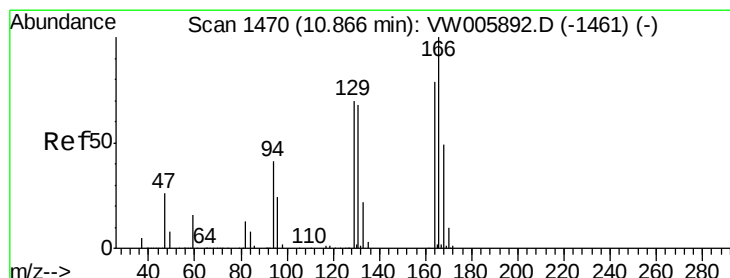
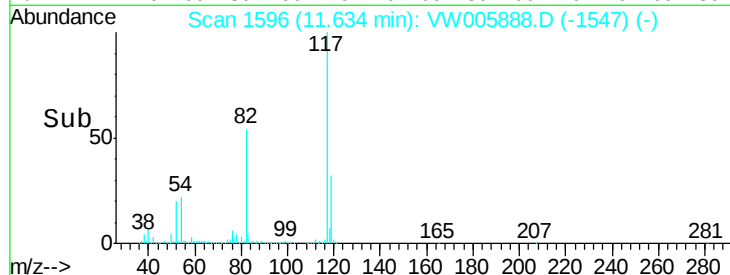
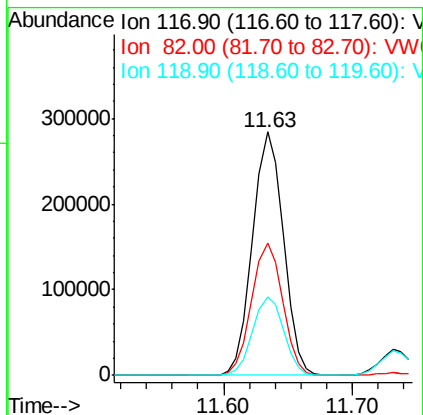
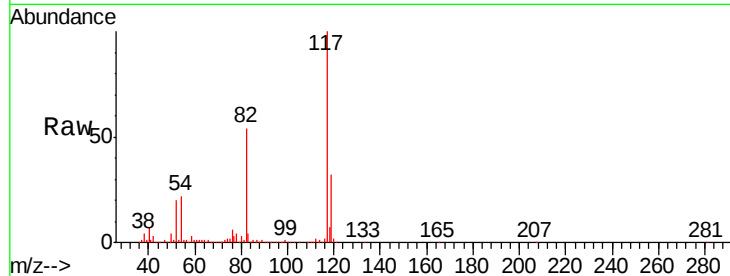
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW005888.D
Acq: 08 Oct 2018 11:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	471057		
82	54.3	43.5	65.3	
119	32.4	25.4	38.2	

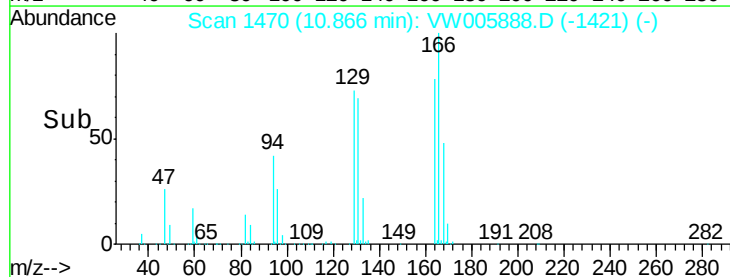
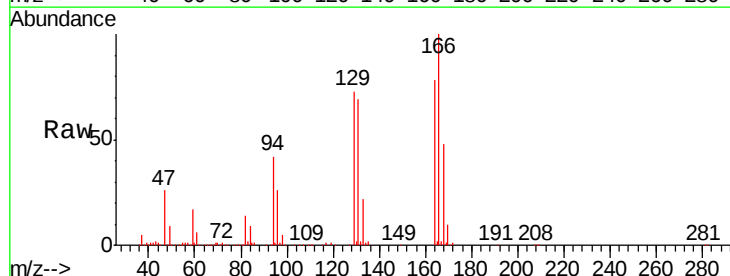
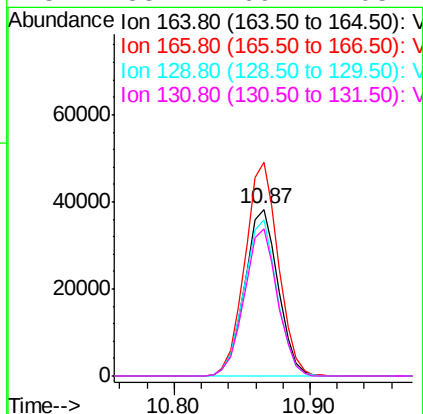
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#64
Tetrachloroethene
Concen: 18.74 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005888.D
Acq: 08 Oct 2018 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	65751		
166	128.3	101.5	152.3	
129	94.1	71.1	106.7	
131	88.1	69.1	103.7	





#65

Chlorobenzene

Concen: 19.39 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW005888.D

Acq: 08 Oct 2018 11:23

Instrument :

MSVOA_W

ClientSampled :

VSTDIC020

Tgt Ion:112 Resp: 195690

Ion Ratio Lower Upper

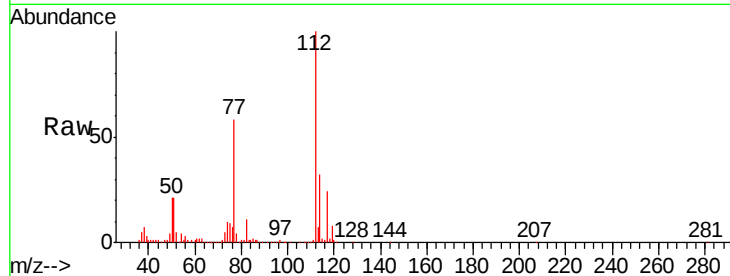
112 100

114 31.8 25.6 38.4

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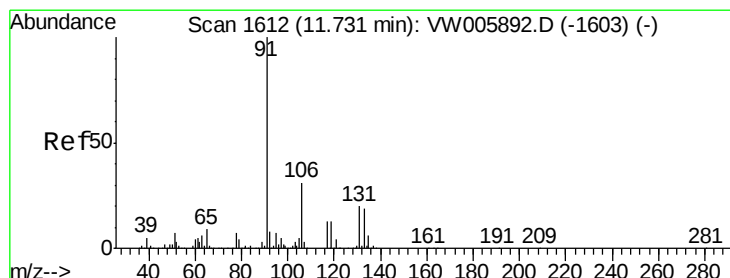
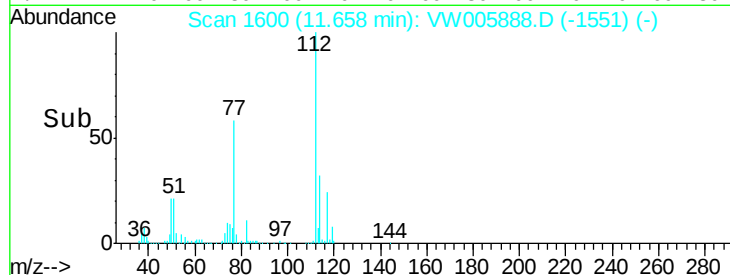
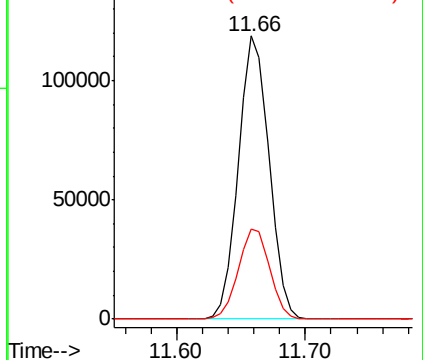
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.52 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW005888.D

Acq: 08 Oct 2018 11:23

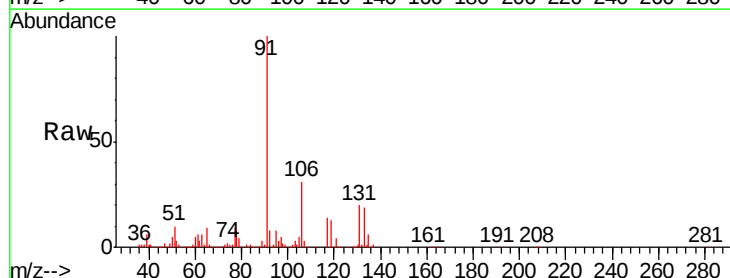
Tgt Ion:131 Resp: 72205

Ion Ratio Lower Upper

131 100

133 94.9 48.2 144.6

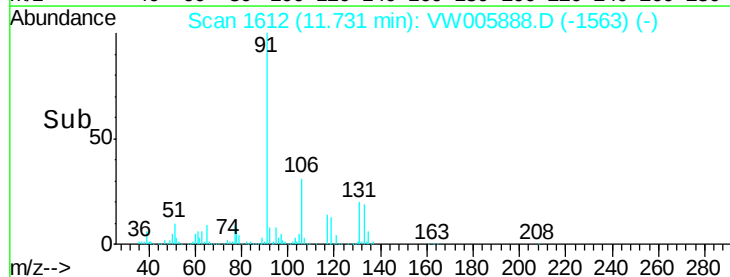
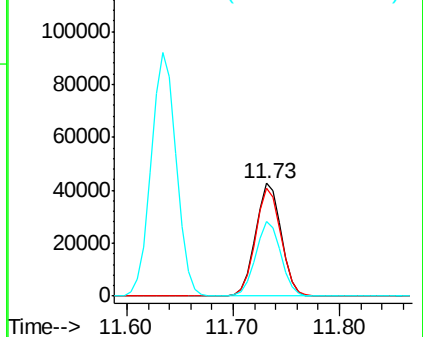
119 64.4 32.5 97.5

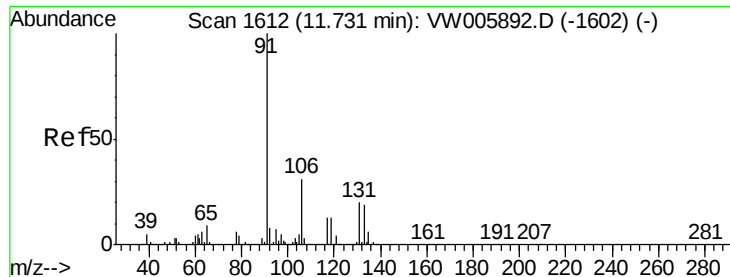


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.50 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW005888.D

Acq: 08 Oct 2018 11:23

Instrument :

MSVOA_W

ClientSampled :

VSTDIC020

Tgt Ion: 91 Resp: 347571

Ion Ratio Lower Upper

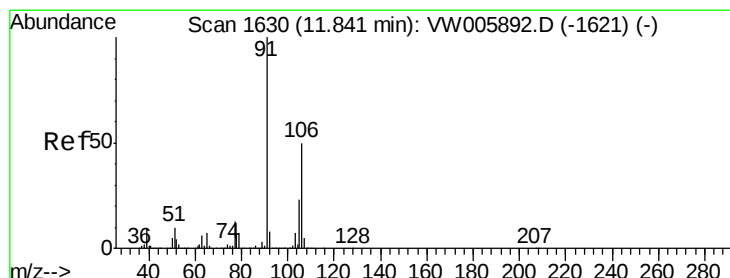
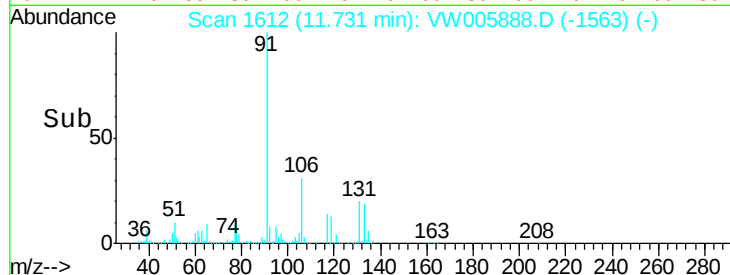
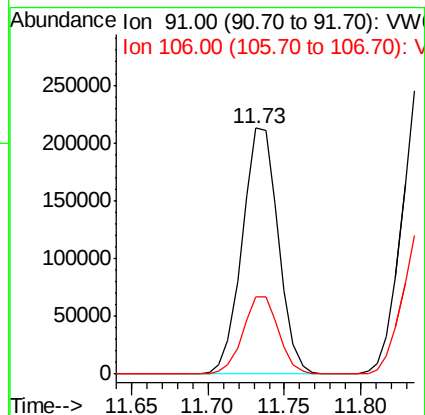
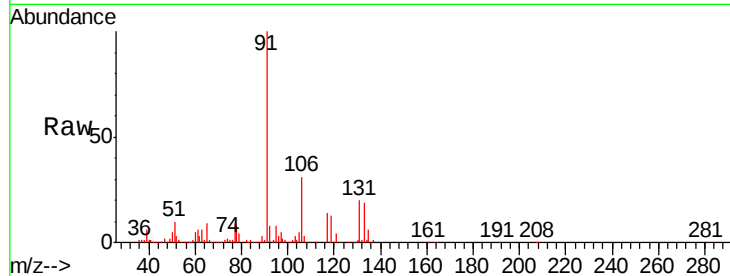
91 100

106 31.4 25.0 37.6

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#68

m/p-Xylenes

Concen: 38.65 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW005888.D

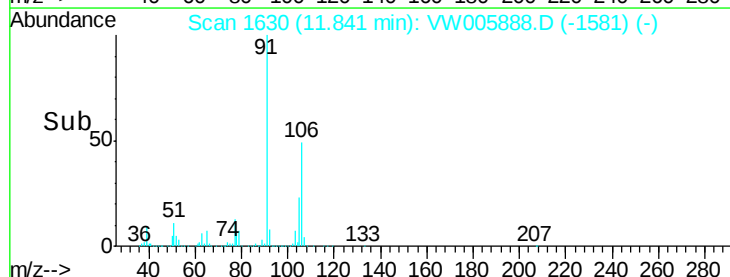
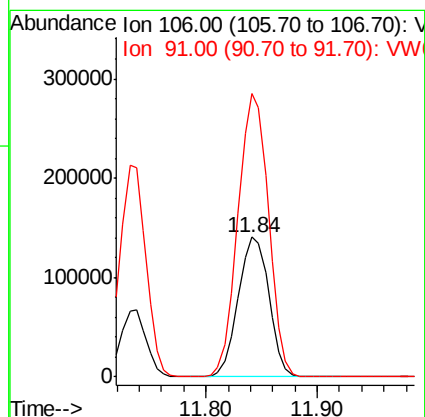
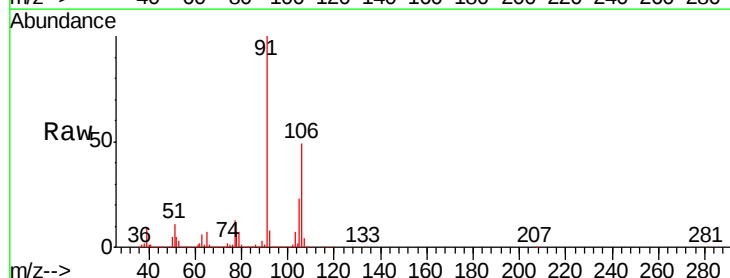
Acq: 08 Oct 2018 11:23

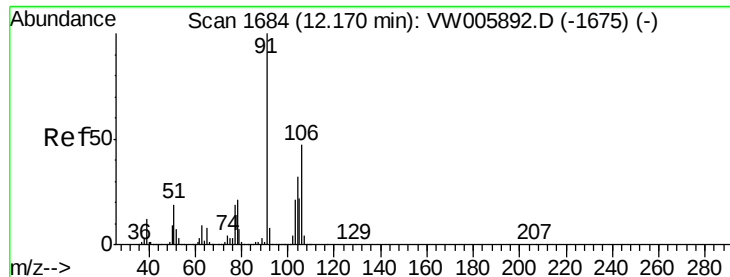
Tgt Ion: 106 Resp: 269159

Ion Ratio Lower Upper

106 100

91 201.2 160.2 240.2





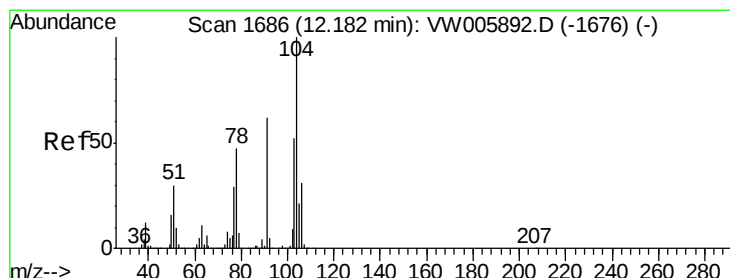
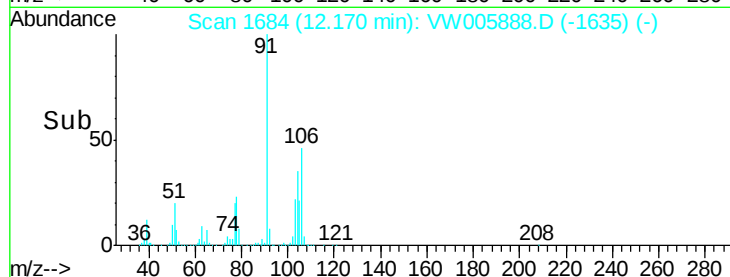
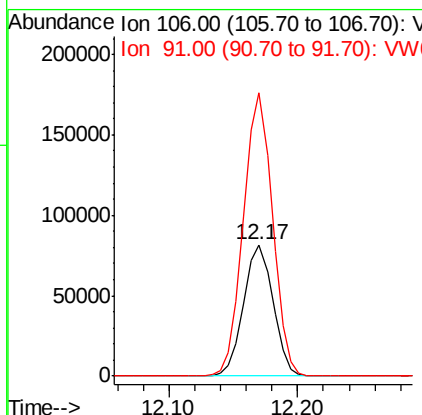
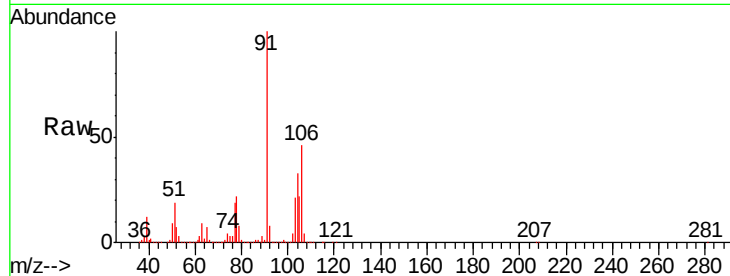
#69
o-Xylene
Concen: 19.35 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005888.D
Acq: 08 Oct 2018 11:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 129006
Ion Ratio Lower Upper
106 100
91 212.7 106.2 318.5

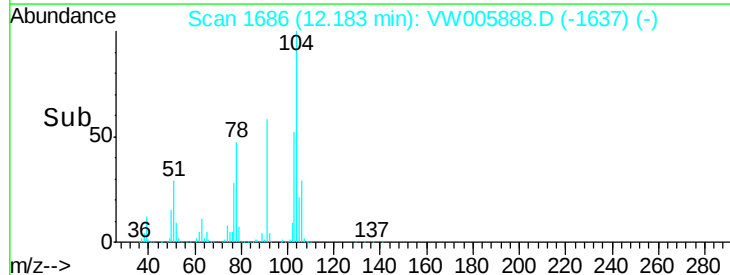
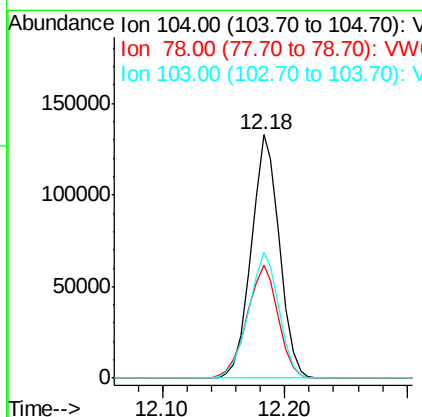
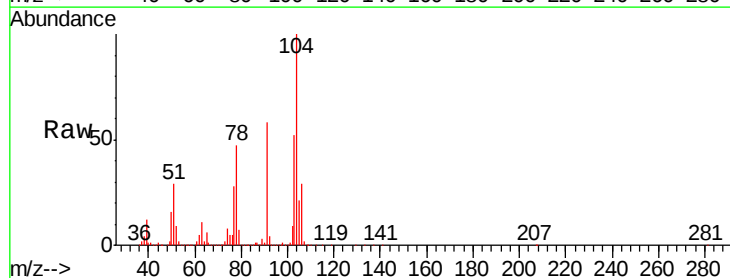
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#70
Styrene
Concen: 19.25 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW005888.D
Acq: 08 Oct 2018 11:23

Tgt Ion:104 Resp: 212937
Ion Ratio Lower Upper
104 100
78 50.8 40.4 60.6
103 55.7 44.2 66.2





#71

Bromoform

Concen: 19.10 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW005888.D

Acq: 08 Oct 2018 11:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tgt Ion:173 Resp: 42067

Ion Ratio Lower Upper

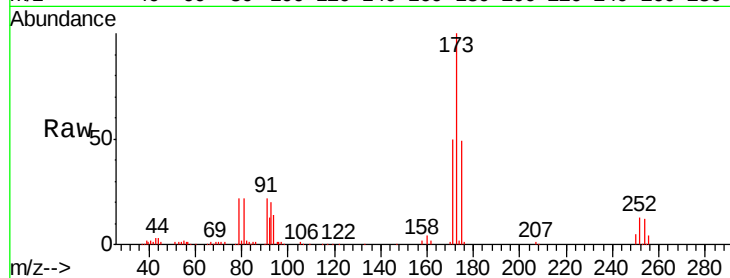
173 100

175 48.9 24.7 74.1

254 0.1 0.2 0.2#

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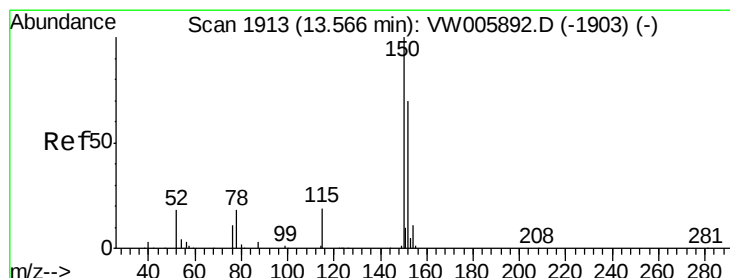
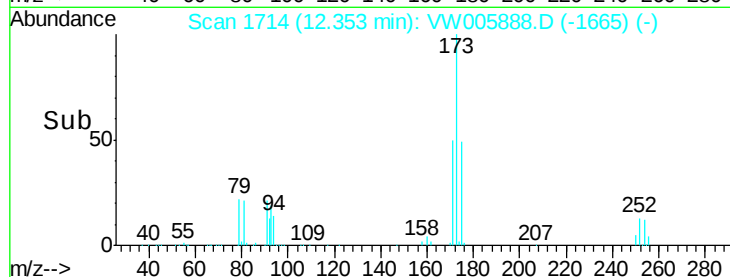
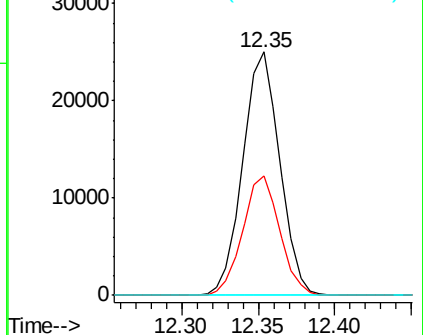
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Abundance Ion 172.70 (172.40 to 173.40): V

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: 13.56 min Scan# 1912

Delta R.T. -0.01 min

Lab File: VW005888.D

Acq: 08 Oct 2018 11:23

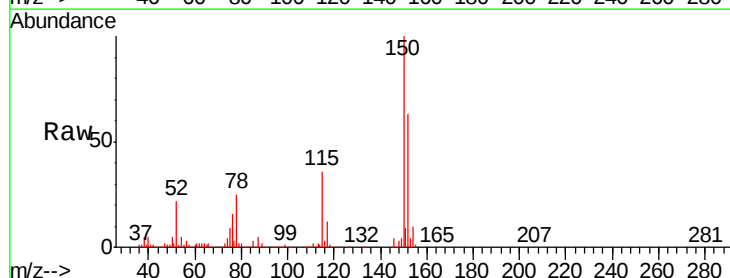
Tgt Ion:152 Resp: 255558

Ion Ratio Lower Upper

152 100

115 56.2 28.3 85.0

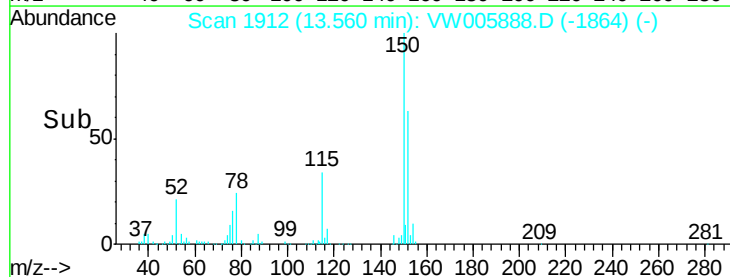
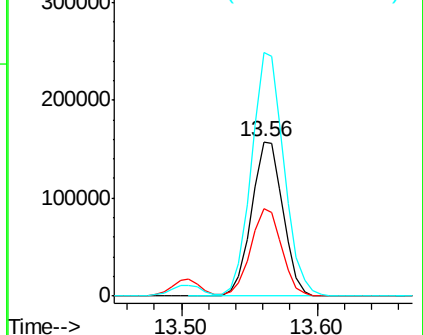
150 162.8 0.0 349.2

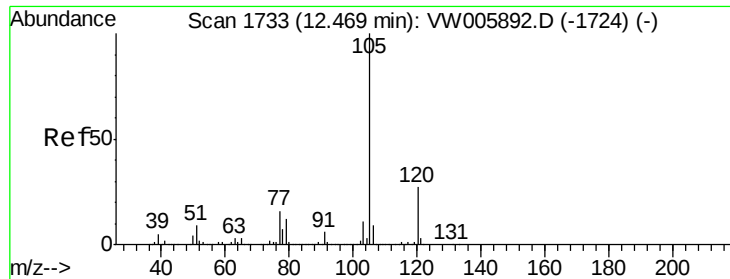


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.37 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW005888.D

Acq: 08 Oct 2018 11:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tgt Ion: 105 Resp: 361594

Ion Ratio Lower Upper

105 100

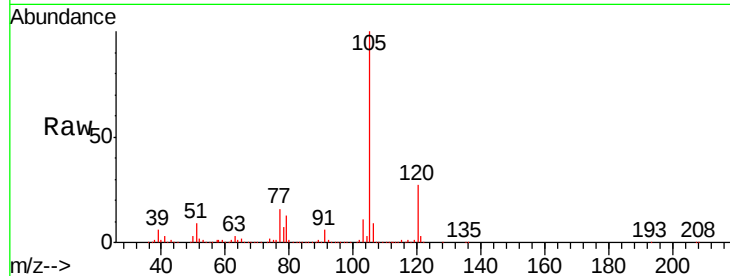
120 27.0 13.6 40.8

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

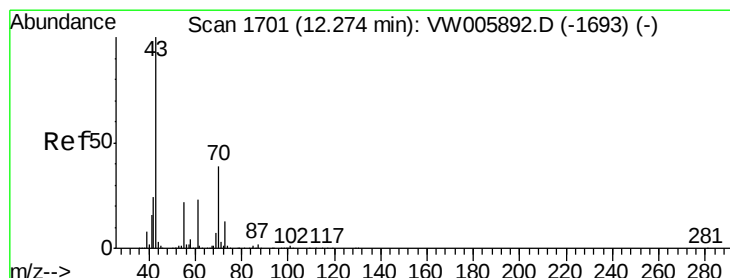
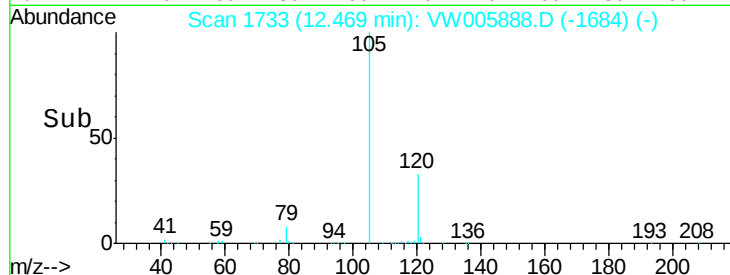
0

12.47

12.40

12.50

Time-->



#74

N-ethyl acetate

Concen: 19.52 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW005888.D

Acq: 08 Oct 2018 11:23

Tgt Ion: 43 Resp: 86513

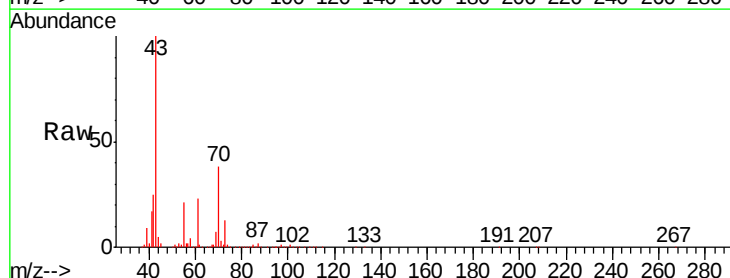
Ion Ratio Lower Upper

43 100

70 39.5 31.6 47.4

55 22.4 17.9 26.9

61 23.6 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

80000

60000

40000

20000

0

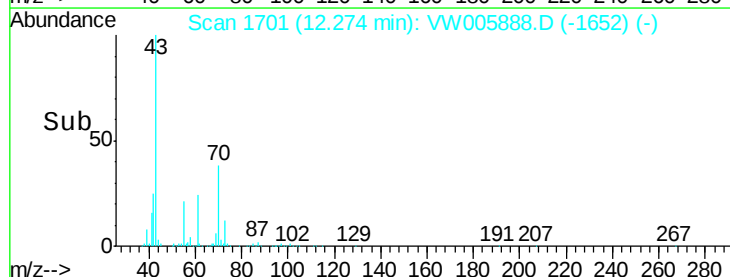
12.27

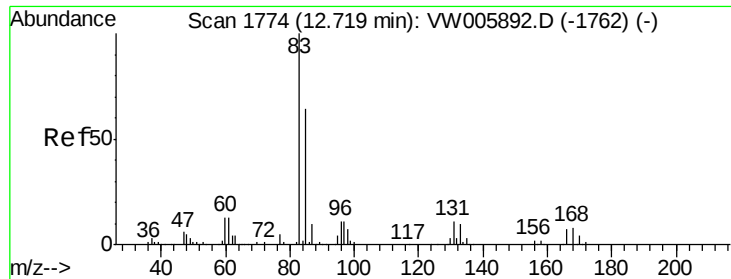
12.20

12.30

12.35

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.27 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW005888.D

Acq: 08 Oct 2018 11:23

Instrument :

MSVOA_W

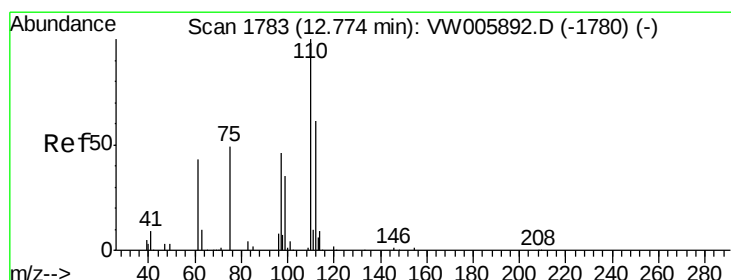
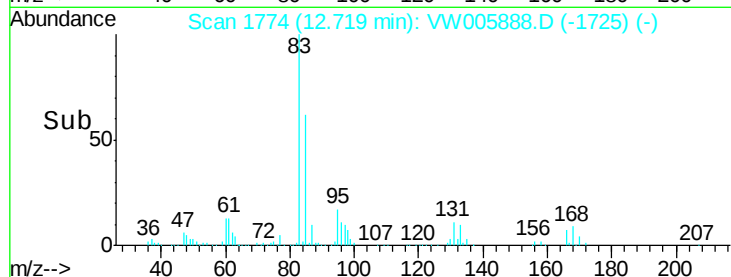
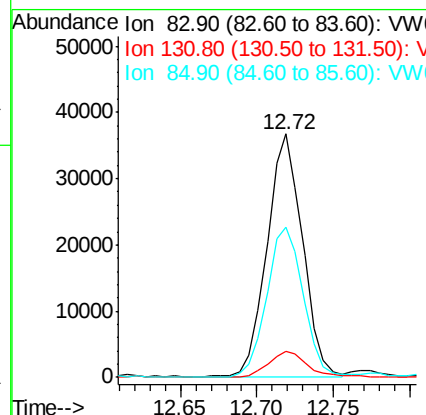
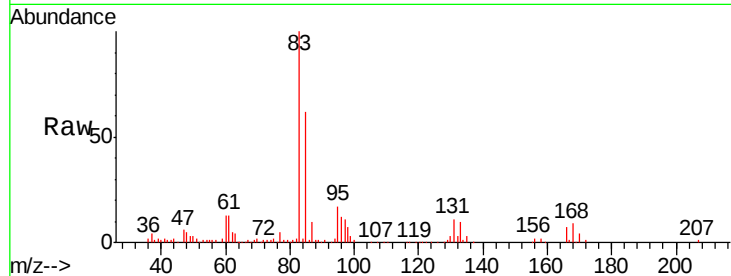
ClientSampleId :

VSTDIC020

Tgt Ion:	83	Resp:	58956
Ion Ratio	Lower	Upper	
83	100		
131	11.8	5.8	17.3
85	63.9	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 11.61 ug/l m

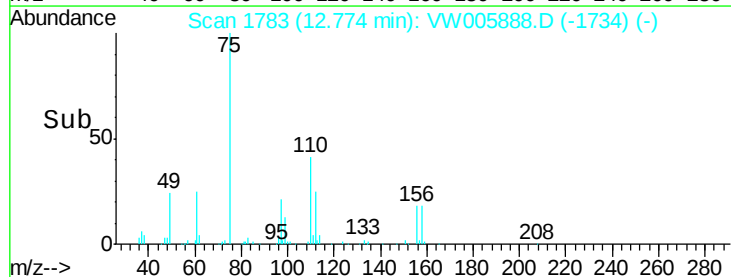
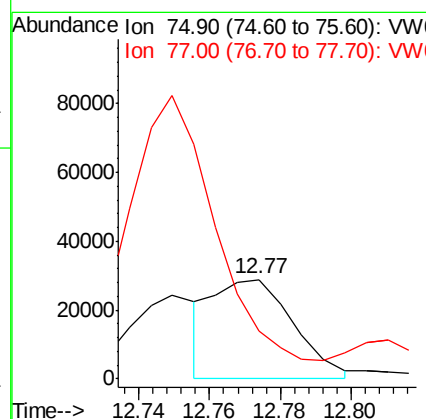
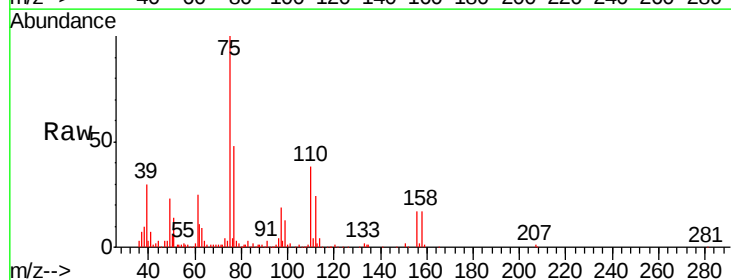
RT: 12.77 min Scan# 1783

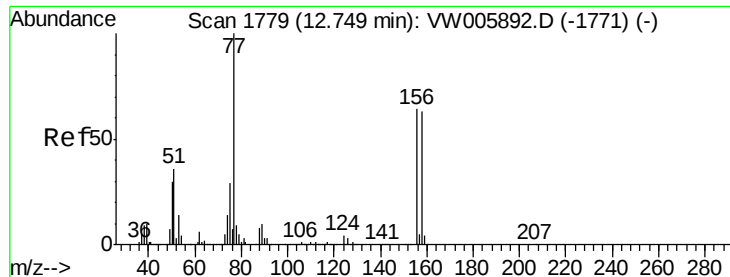
Delta R.T. 0.00 min

Lab File: VW005888.D

Acq: 08 Oct 2018 11:23

Tgt Ion:	75	Resp:	45424
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.36 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW005888.D

Acq: 08 Oct 2018 11:23

Instrument :

MSVOA_W

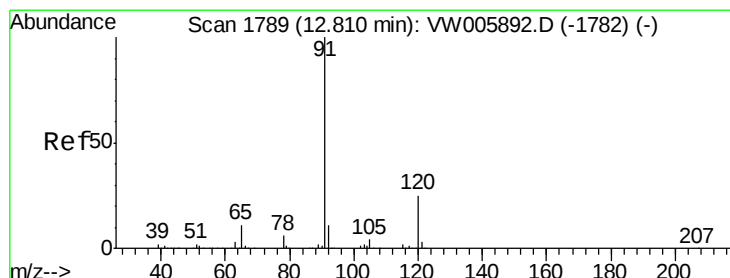
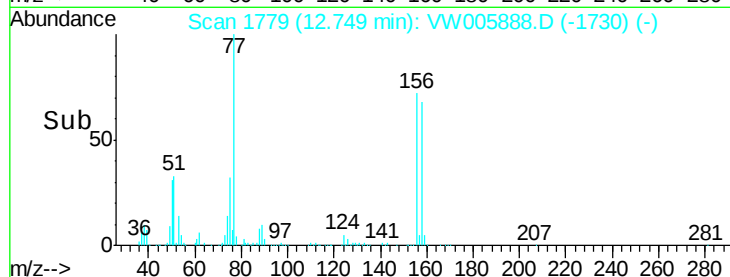
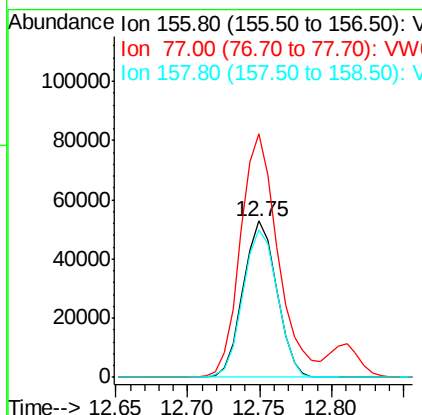
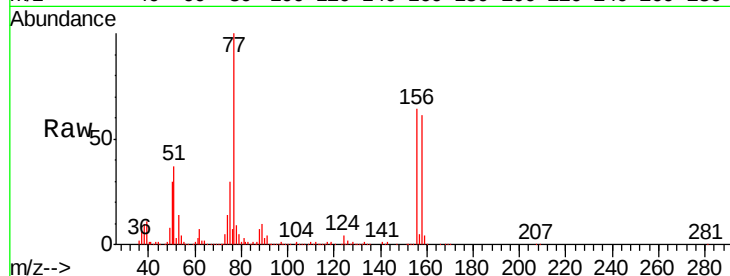
ClientSampled :

VSTDIC020

Tgt Ion:	156	Resp:	85592
Ion Ratio	Lower	Upper	
156	100		
77	174.5	85.8	257.4
158	96.4	49.1	147.4

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#78

n-propylbenzene

Concen: 19.33 ug/l

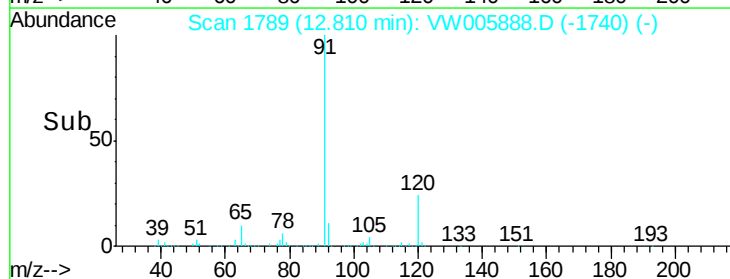
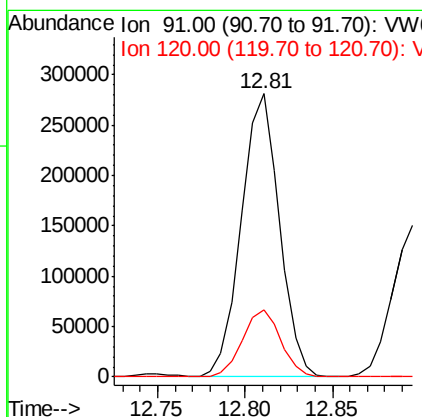
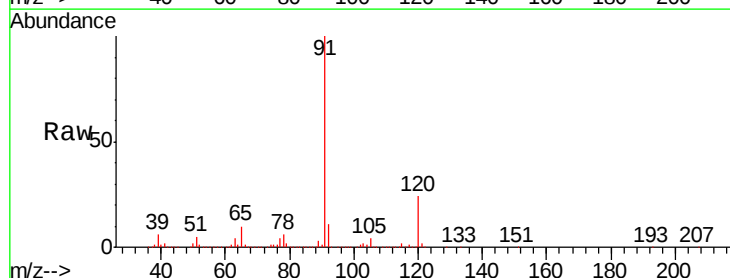
RT: 12.81 min Scan# 1789

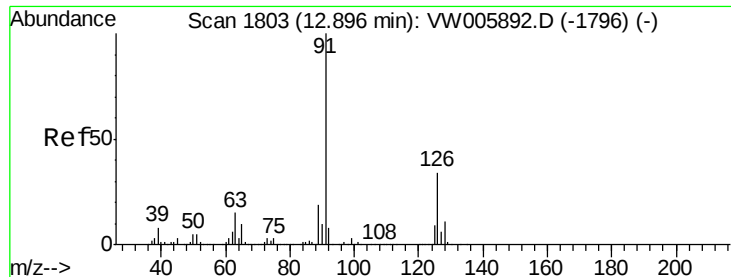
Delta R.T. 0.00 min

Lab File: VW005888.D

Acq: 08 Oct 2018 11:23

Tgt Ion:	91	Resp:	424464
Ion Ratio	Lower	Upper	
91	100		
120	23.9	12.0	36.0





#79

2-Chlorotoluene

Concen: 19.40 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW005888.D

Acq: 08 Oct 2018 11:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tgt Ion: 91 Resp: 240457

Ion Ratio Lower Upper

91 100

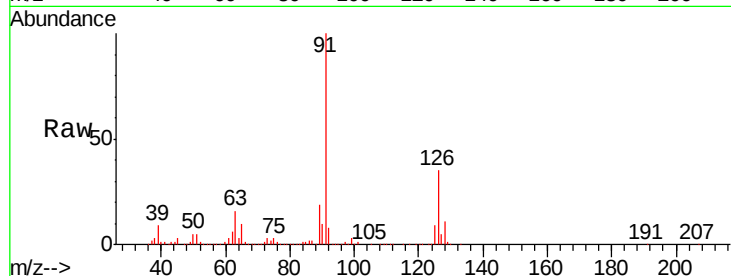
126 34.9 17.5 52.5

Manual Integrations

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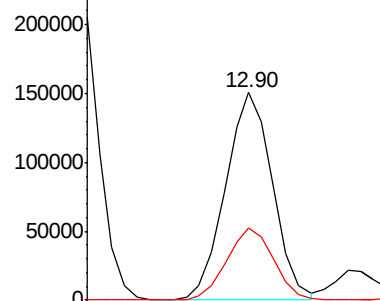
apatel

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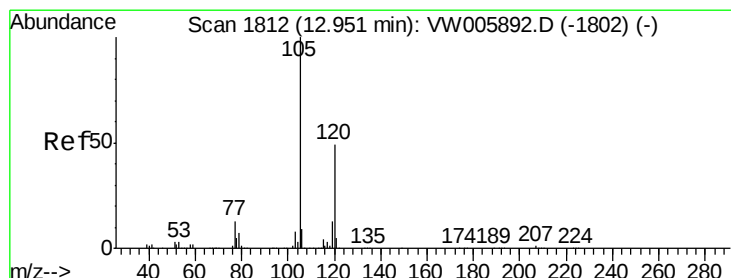
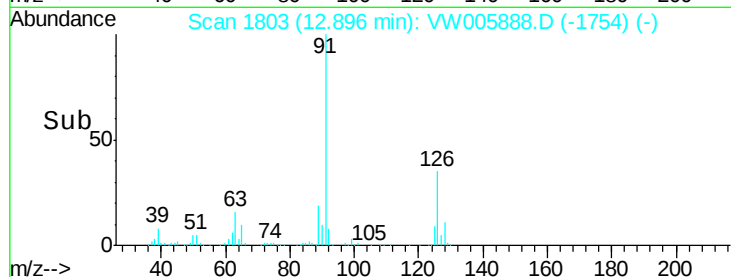


Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.50 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW005888.D

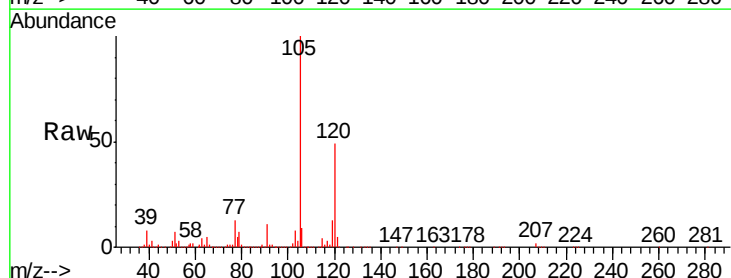
Acq: 08 Oct 2018 11:23

Tgt Ion: 105 Resp: 307280

Ion Ratio Lower Upper

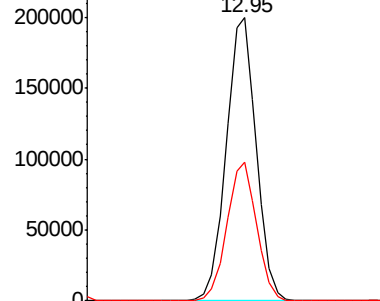
105 100

120 48.7 24.6 73.8

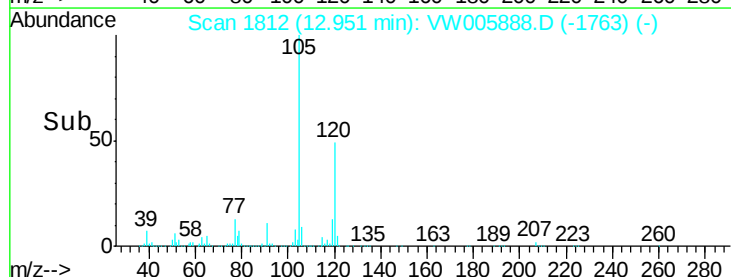


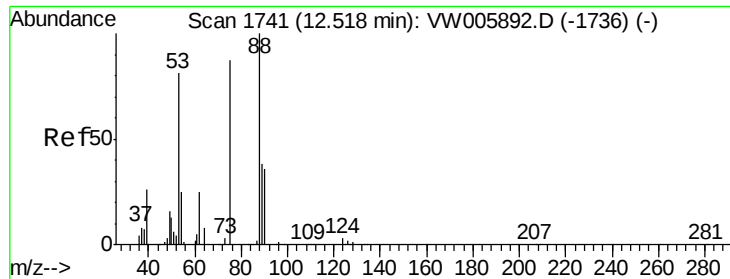
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->





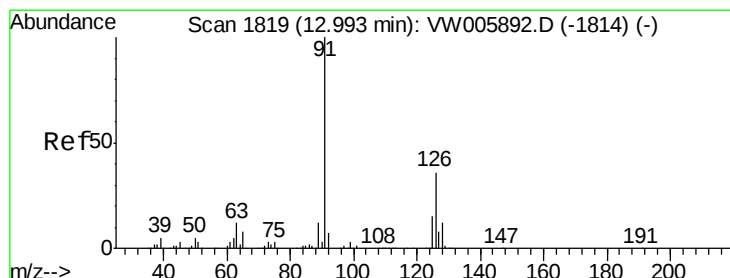
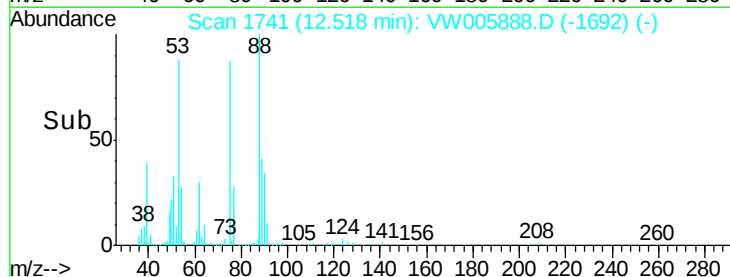
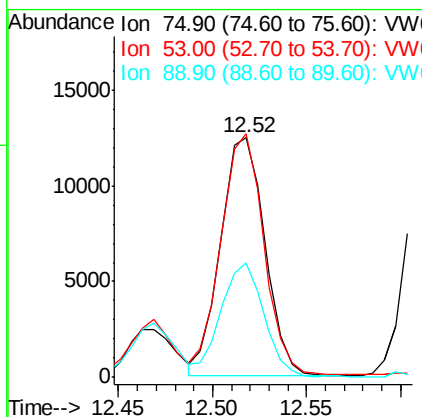
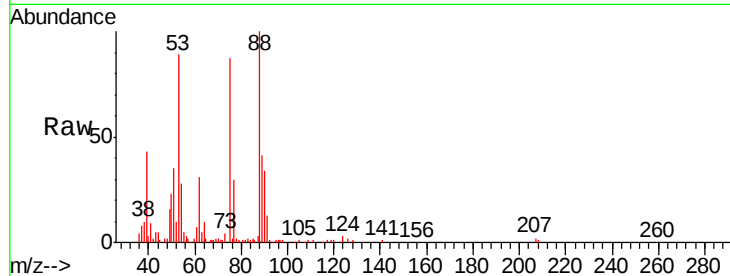
#81
trans-1,4-Dichloro-2-butene
Concen: 18.73 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW005888.D
Acq: 08 Oct 2018 11:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
75	100		
53	98.2	76.5	114.7
89	47.1	37.6	56.4

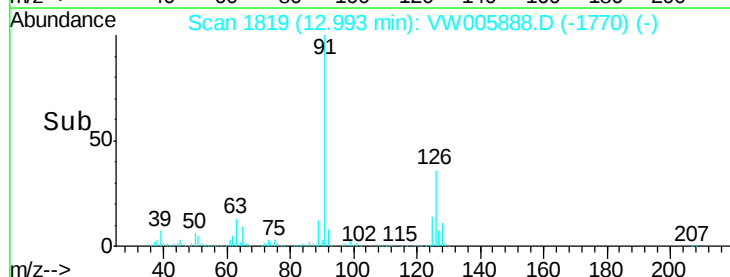
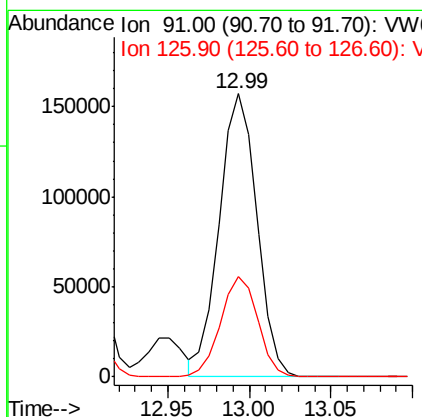
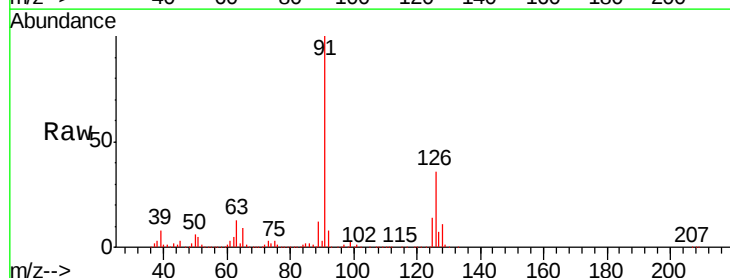
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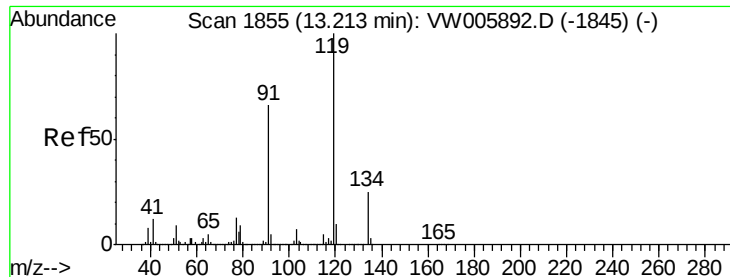
apatel
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#82
4-Chlorotoluene
Concen: 19.35 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW005888.D
Acq: 08 Oct 2018 11:23

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.4	52.2





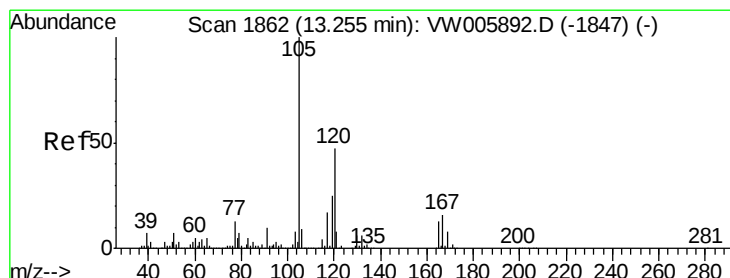
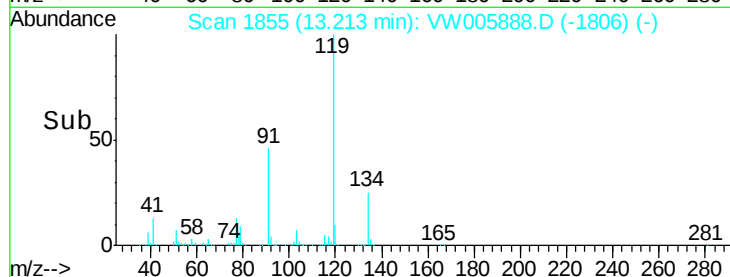
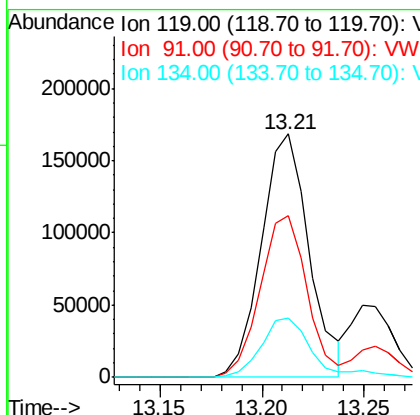
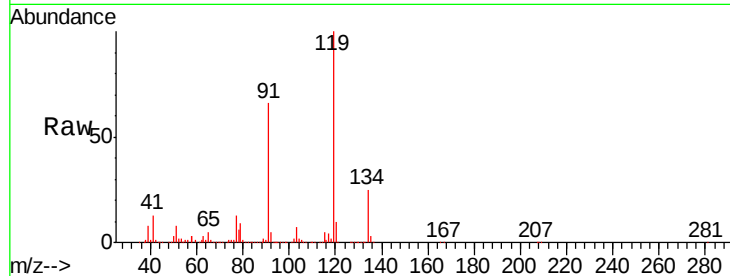
#83
 tert-Butylbenzene
 Concen: 19.65 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW005888.D
 Acq: 08 Oct 2018 11:23

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC020

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	275374		
91	64.9	32.4	97.0	
134	26.2	13.2	39.6	

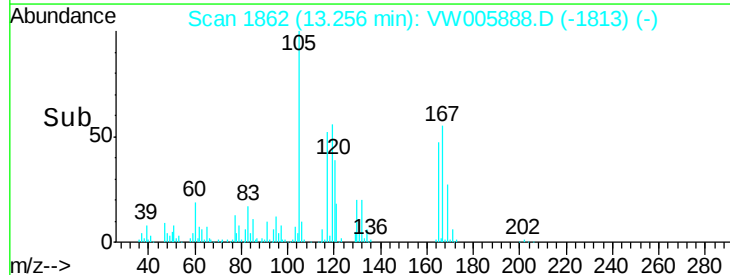
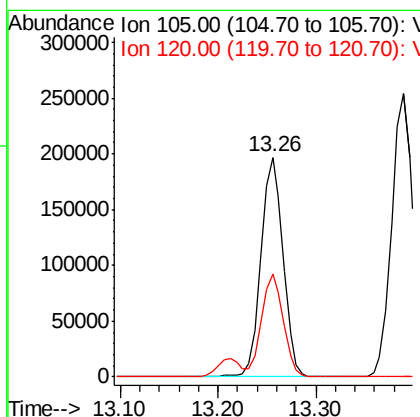
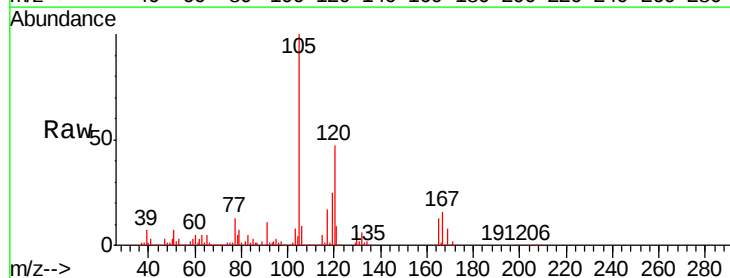
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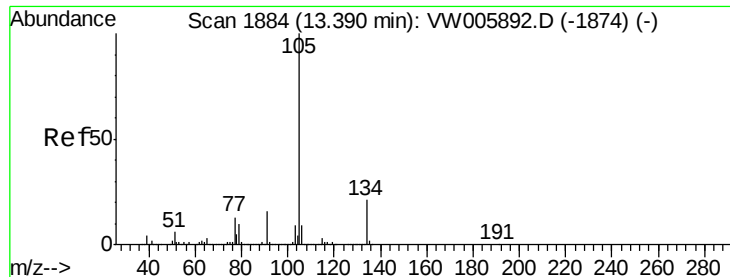
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.38 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW005888.D
 Acq: 08 Oct 2018 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	308039		
120	45.6	22.8	68.3	





#85

sec-Butylbenzene

Concen: 19.60 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW005888.D

Acq: 08 Oct 2018 11:23

Instrument :

MSVOA_W

ClientSampled :

VSTDIC020

Tgt Ion:105 Resp: 385659

Ion Ratio Lower Upper

105 100

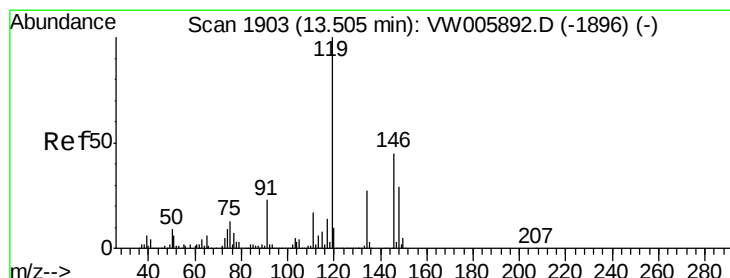
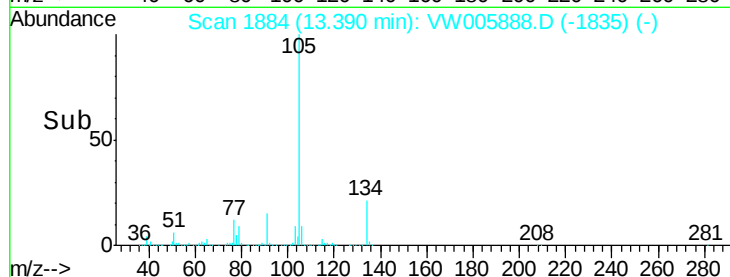
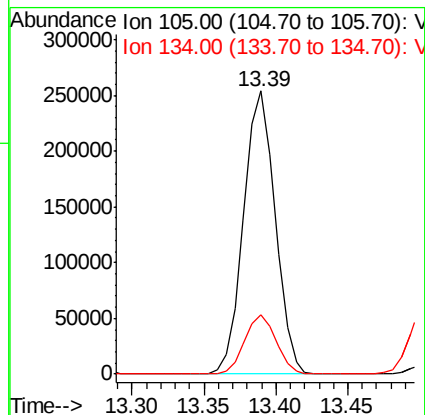
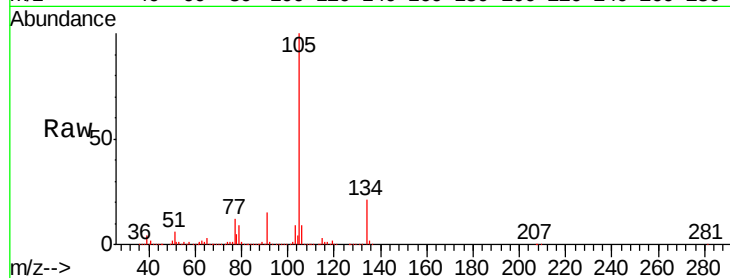
134 21.0 10.4 31.4

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#86

p-Isopropyltoluene

Concen: 19.49 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW005888.D

Acq: 08 Oct 2018 11:23

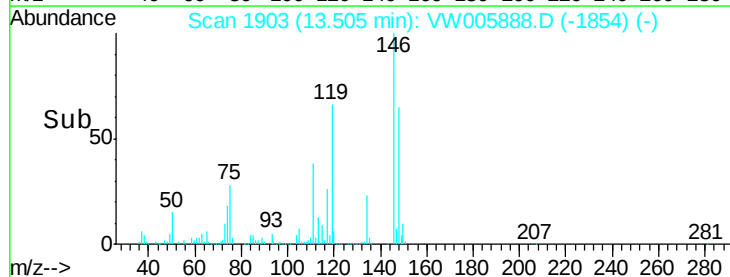
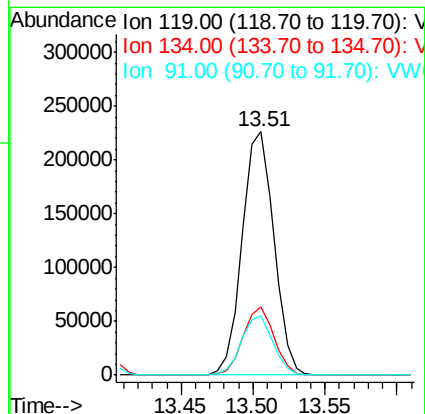
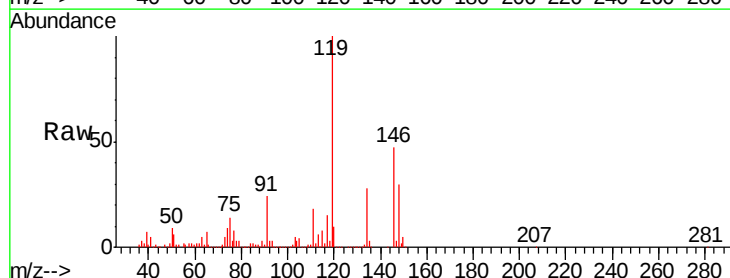
Tgt Ion:119 Resp: 344748

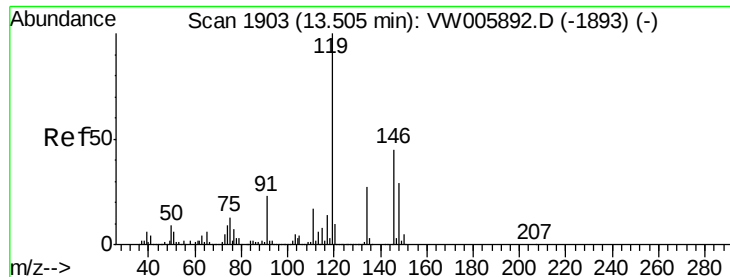
Ion Ratio Lower Upper

119 100

134 27.3 13.5 40.5

91 24.2 11.9 35.5





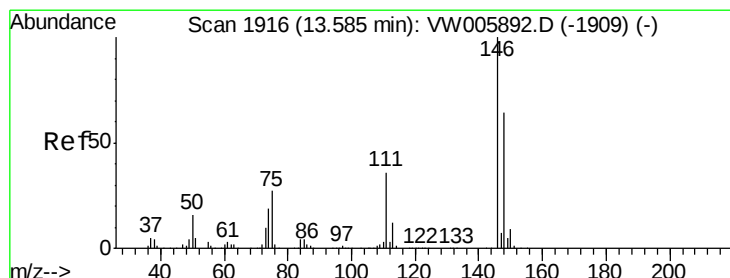
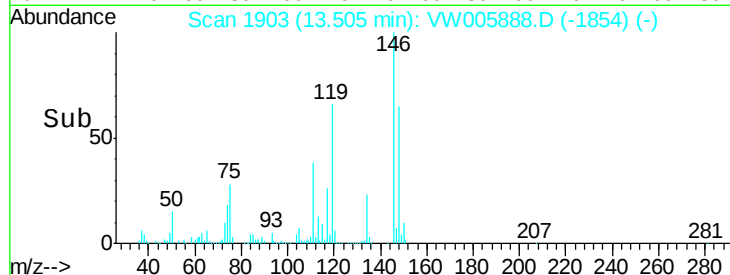
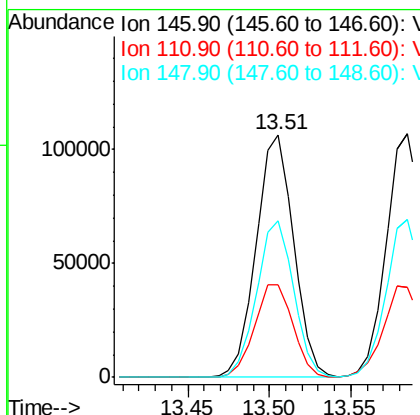
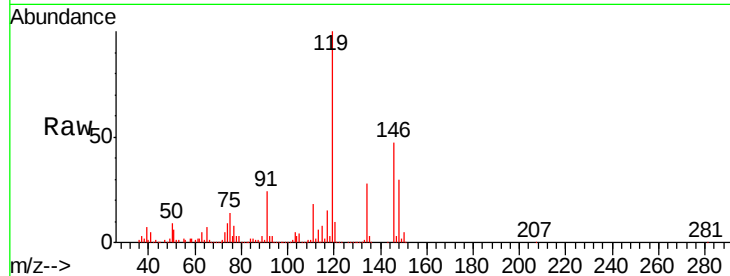
#87
 1,3-Dichlorobenzene
 Concen: 19.43 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005888.D
 Acq: 08 Oct 2018 11:23

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC020

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.5	58.5
148	63.8	32.1	96.5

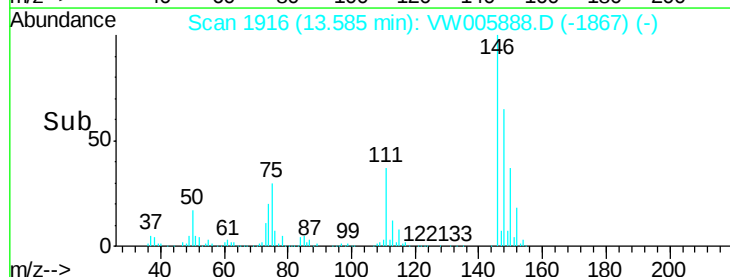
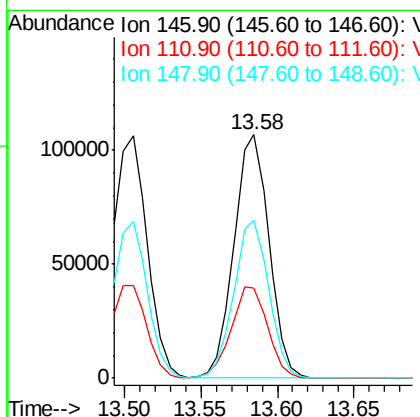
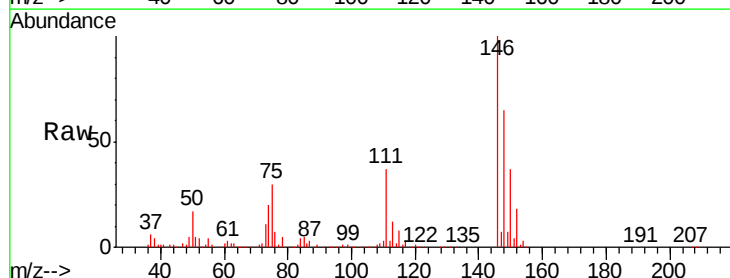
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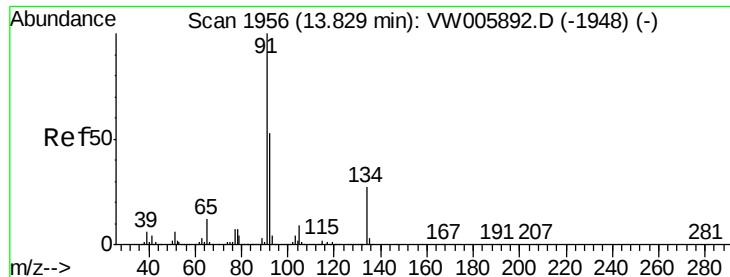
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#88
 1,4-Dichlorobenzene
 Concen: 19.45 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW005888.D
 Acq: 08 Oct 2018 11:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.0	57.0
148	65.0	32.0	96.2





#89

n-Butylbenzene

Concen: 19.61 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW005888.D

Acq: 08 Oct 2018 11:23

Instrument :

MSVOA_W

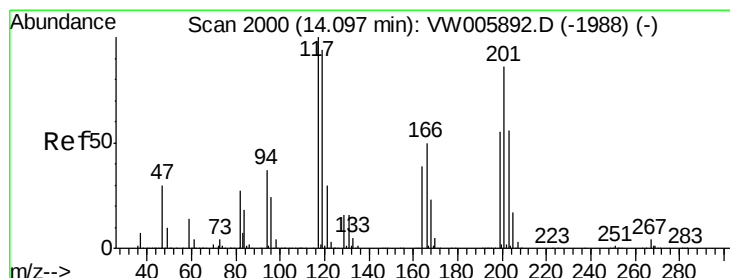
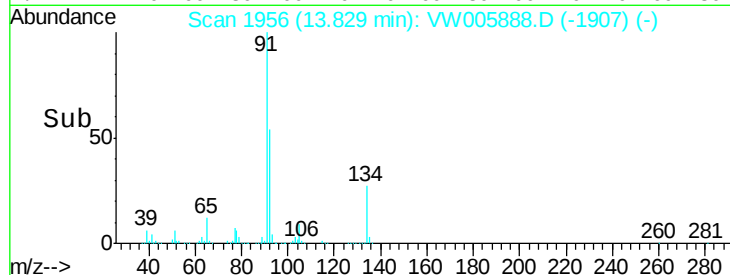
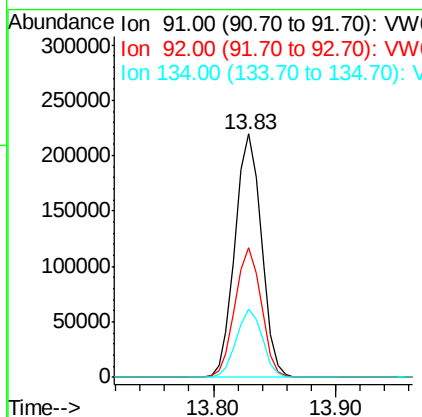
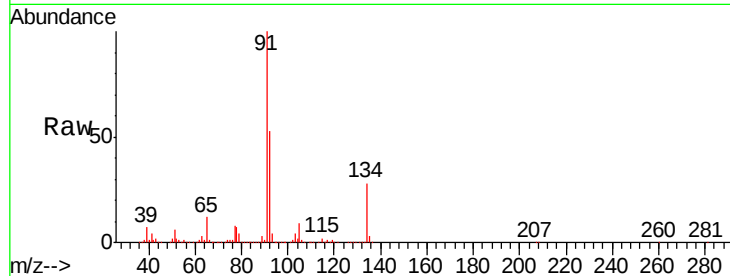
ClientSampleId :

VSTDIC020

Tgt Ion:	91	Resp:	327034
Ion Ratio	Lower	Upper	
91	100		
92	53.1	26.6	79.8
134	27.7	13.8	41.4

Manual Integrations
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#90

Hexachloroethane

Concen: 19.47 ug/l

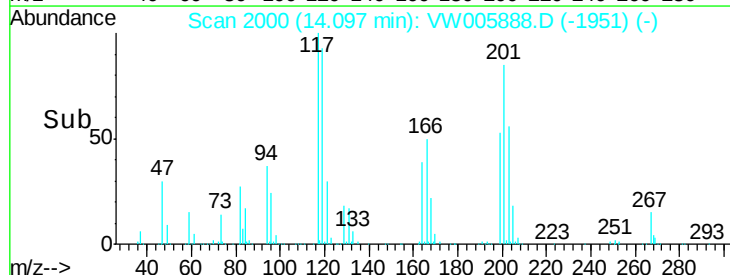
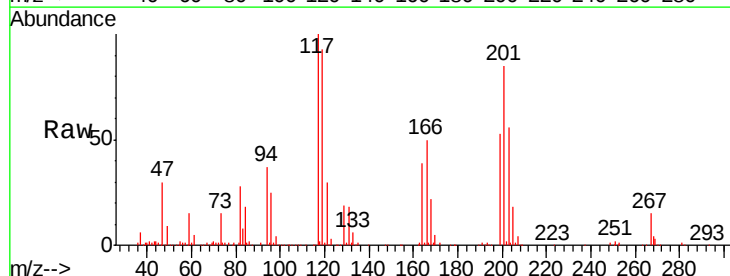
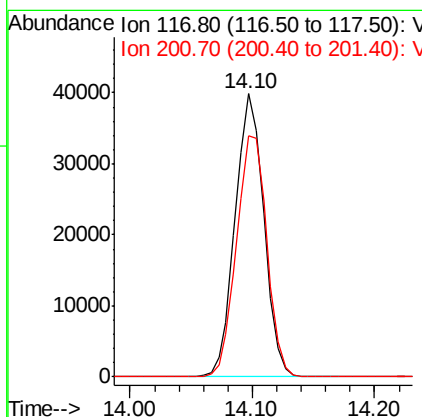
RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW005888.D

Acq: 08 Oct 2018 11:23

Tgt Ion:	117	Resp:	64794
Ion Ratio	Lower	Upper	
117	100		
201	90.0	44.5	133.5





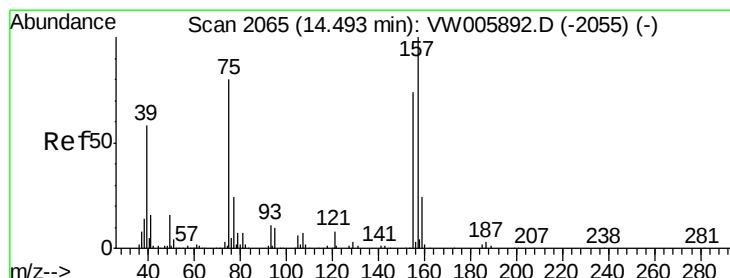
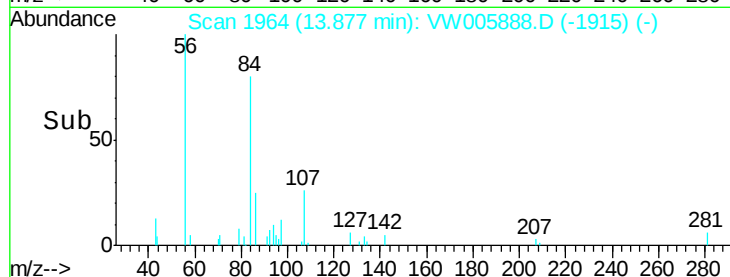
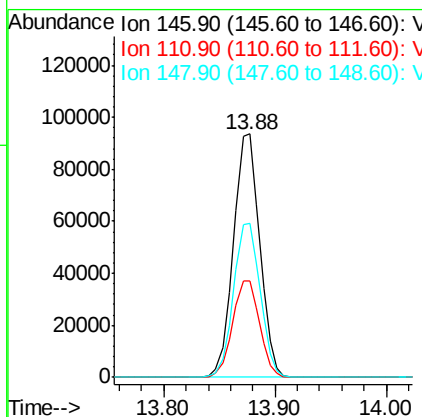
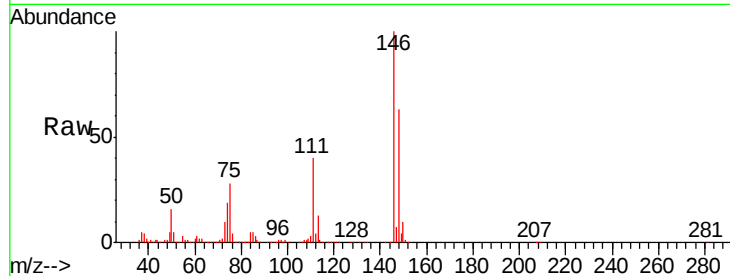
#91
 1,2-Dichlorobenzene
 Concen: 19.60 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW005888.D
 Acq: 08 Oct 2018 11:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	152852		
111	40.7	20.3	61.0	
148	64.2	32.5	97.4	

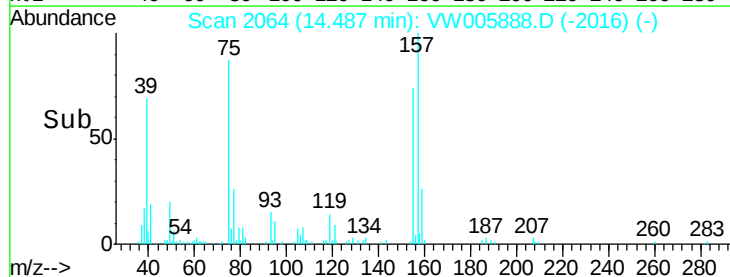
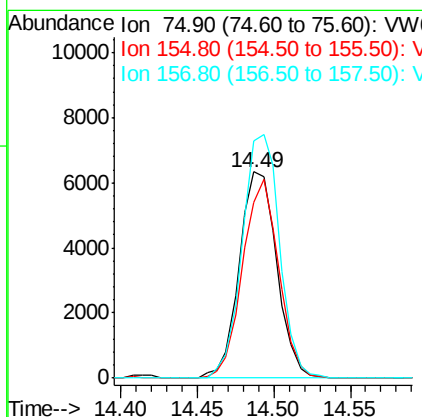
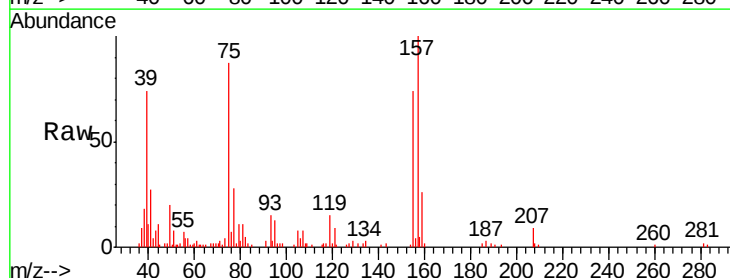
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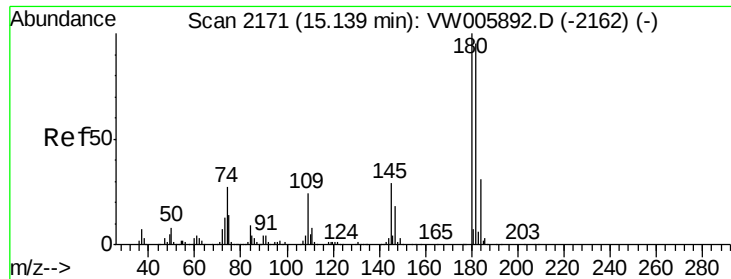
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.96 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW005888.D
 Acq: 08 Oct 2018 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	10810		
155	92.5	44.8	134.3	
157	117.4	58.9	176.6	





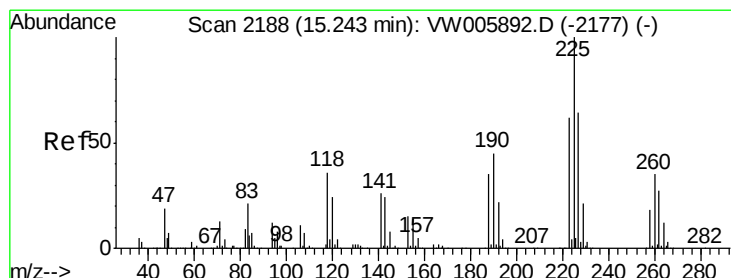
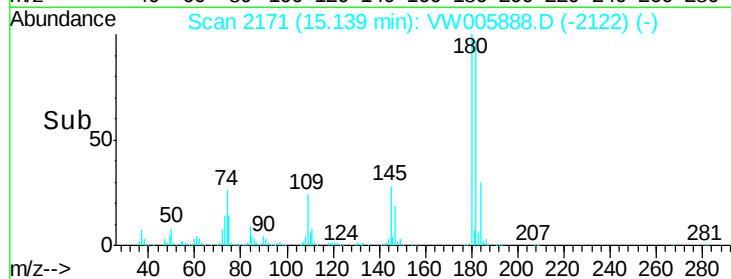
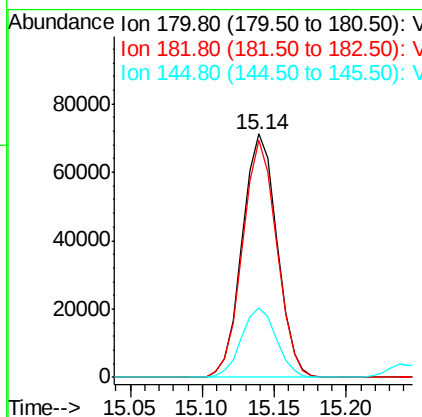
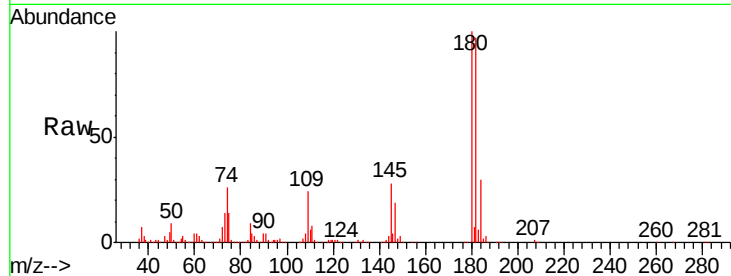
#93
 1,2,4-Trichlorobenzene
 Concen: 19.69 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW005888.D
 Acq: 08 Oct 2018 11:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	119083		
182	95.6	47.8	143.3	
145	28.7	14.5	43.6	

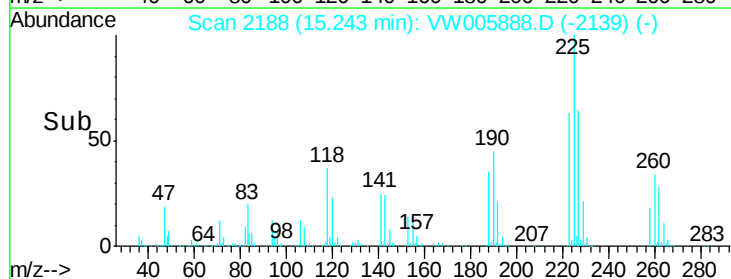
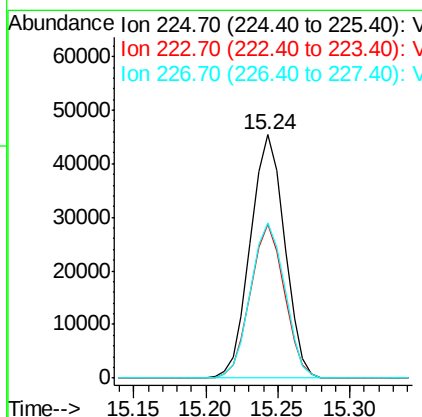
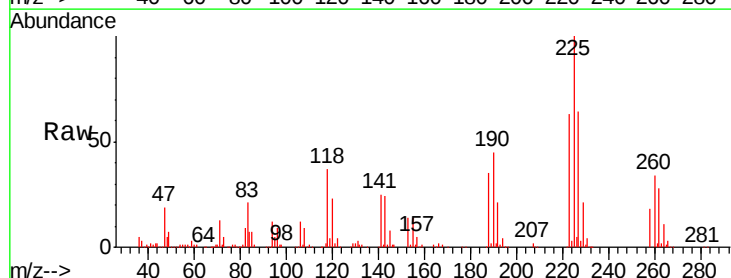
Manual Integrations
 APPROVED

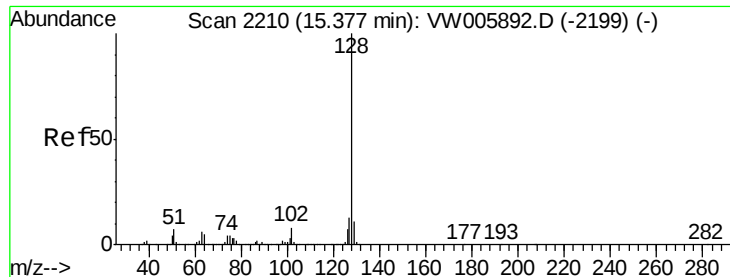
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#94
 Hexachlorobutadiene
 Concen: 19.85 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW005888.D
 Acq: 08 Oct 2018 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	74926		
223	62.5	31.2	93.6	
227	63.8	31.9	95.9	





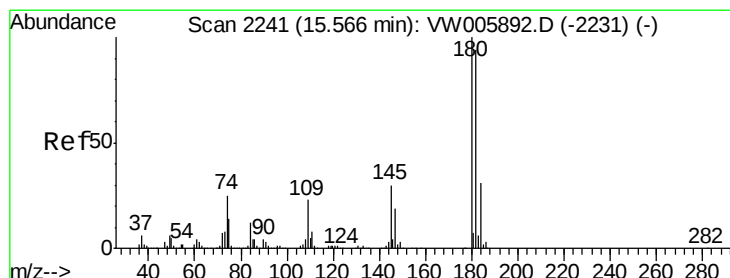
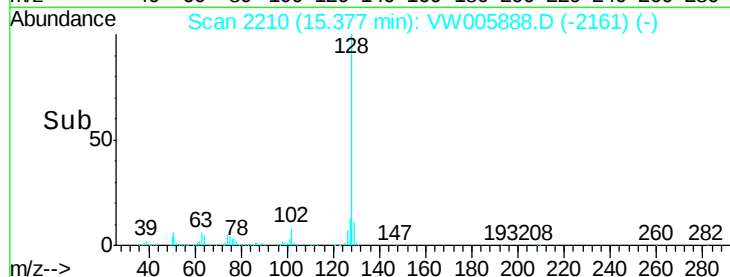
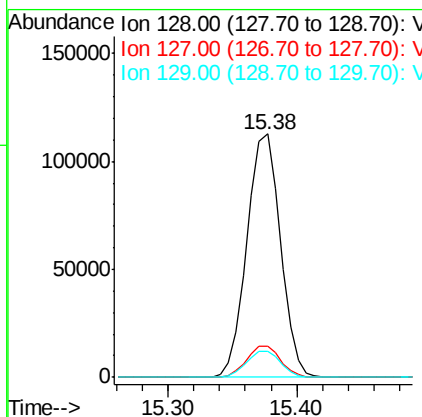
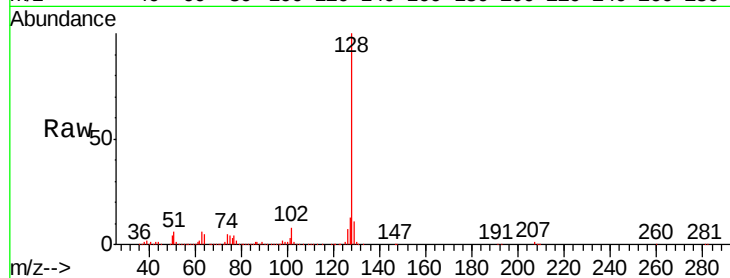
#95
Naphthalene
Concen: 19.45 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005888.D
Acq: 08 Oct 2018 11:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	202784		
127	13.0		10.5	15.7
129	11.0		8.9	13.3

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 19.76 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW005888.D
Acq: 08 Oct 2018 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	103477		
182	94.0		47.6	142.8
145	30.8		15.3	45.9

