

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101218\
 Data File : VW006025.D
 Acq On : 11 Oct 2018 12:11
 Operator : VA/AP
 Sample : VW1012SBSD01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1012SBSD01

Manual Integrations
 APPROVED

apatel
 10/12/2018 11:46:03 AM

Quant Time: Oct 11 16:17:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	244975	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	355106	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	327438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	183689	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	109894	46.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.42%	
35) Dibromofluoromethane	7.88	113	110730	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
50) Toluene-d8	10.33	98	424628	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
62) 4-Bromofluorobenzene	12.62	95	158918	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	24468	20.38	ug/l	100
3) Chloromethane	2.21	50	29783	21.09	ug/l	97
4) Vinyl Chloride	2.37	62	45778	20.42	ug/l	97
5) Bromomethane	2.78	94	40765	23.04	ug/l	99
6) Chloroethane	2.92	64	32339	22.64	ug/l	95
7) Trichlorofluoromethane	3.25	101	36959	20.77	ug/l	96
8) Diethyl Ether	3.68	74	21680	19.80	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	43372	19.31	ug/l	99
10) Methyl Iodide	4.27	142	68313	18.60	ug/l	99
11) Tert butyl alcohol	5.20	59	16107m	92.41	ug/l	
12) 1,1-Dichloroethene	4.03	96	39885	18.49	ug/l	97
13) Acrolein	3.90	56	13062	84.10	ug/l	97
14) Allyl chloride	4.66	41	56149	15.27	ug/l	95
15) Acrylonitrile	5.37	53	44745	93.88	ug/l	99
16) Acetone	4.14	43	50899	107.15	ug/l	94
17) Carbon Disulfide	4.38	76	102058	15.65	ug/l	98
18) Methyl Acetate	4.67	43	20094	16.76	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	63817	19.02	ug/l	100
20) Methylene Chloride	4.92	84	45072	18.94	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	44583	18.97	ug/l	98
22) Diisopropyl ether	6.31	45	119514	17.38	ug/l	98
23) Vinyl Acetate	6.26	43	366660	86.65	ug/l	98
24) 1,1-Dichloroethane	6.21	63	76020	18.07	ug/l	99
25) 2-Butanone	7.18	43	66734	98.77	ug/l	98
26) 2,2-Dichloropropane	7.17	77	50838	17.17	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	51385	19.33	ug/l	96
28) Bromochloromethane	7.51	49	29060	18.71	ug/l	92
29) Tetrahydrofuran	7.54	42	38160	89.35	ug/l	96
30) Chloroform	7.68	83	81627	18.89	ug/l	100
31) Cyclohexane	7.95	56	70200	16.86	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	68139	17.71	ug/l	99
36) 1,1-Dichloropropene	8.09	75	63600	18.69	ug/l	100
37) Ethyl Acetate	7.26	43	26514	18.40	ug/l	100
38) Carbon Tetrachloride	8.07	117	65159	17.82	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	82268	18.33	ug/l	96
40) Benzene	8.32	78	177138	19.02	ug/l	99
41) Methacrylonitrile	7.49	41	15246	16.90	ug/l	95
42) 1,2-Dichloroethane	8.40	62	53502	19.02	ug/l	99
43) Isopropyl Acetate	8.43	43	52763	17.53	ug/l	98
44) Trichloroethene	9.09	130	52656	19.49	ug/l	99
45) 1,2-Dichloropropane	9.37	63	42799	18.36	ug/l	99
46) Dibromomethane	9.46	93	24832	19.38	ug/l	96
47) Bromodichloromethane	9.65	83	57992	17.99	ug/l	99
48) Methyl methacrylate	9.44	41	24282	16.93	ug/l	94
49) 1,4-Dioxane	9.47	88	7886	405.23	ug/l #	92
51) 4-Methyl-2-Pentanone	10.21	43	138171	94.27	ug/l	99
52) Toluene	10.39	92	116849	19.10	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	57428	17.05	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	67472	17.82	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	34589	19.49	ug/l	98
56) Ethyl methacrylate	10.65	69	45361	18.97	ug/l	94
57) 1,3-Dichloropropane	10.93	76	57693	19.33	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	93197	95.77	ug/l	98
59) 2-Hexanone	10.98	43	103486	98.47	ug/l	97
60) Dibromochloromethane	11.13	129	41886	18.29	ug/l	99
61) 1,2-Dibromoethane	11.24	107	34683	19.56	ug/l	99
64) Tetrachloroethene	10.87	164	46286	18.98	ug/l	99
65) Chlorobenzene	11.66	112	137219	19.56	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	48471	18.85	ug/l	98
67) Ethyl Benzene	11.73	91	236014	19.05	ug/l	99
68) m/p-Xylenes	11.84	106	185307	38.28	ug/l	100
69) o-Xylene	12.17	106	89332	19.27	ug/l	97
70) Styrene	12.18	104	147256	19.15	ug/l	99
71) Bromoform	12.35	173	25559	16.69	ug/l #	100
73) Isopropylbenzene	12.47	105	249047	18.56	ug/l	100
74) N-amyl acetate	12.28	43	54050	16.96	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	41996	19.10	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	31672m	19.30	ug/l	
77) Bromobenzene	12.75	156	61861	19.46	ug/l	95
78) n-propylbenzene	12.81	91	293237	18.58	ug/l	100
79) 2-Chlorotoluene	12.90	91	164788	18.50	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	209588	18.51	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	10958	14.10	ug/l	93
82) 4-Chlorotoluene	12.99	91	175436	18.72	ug/l	99
83) tert-Butylbenzene	13.21	119	189473	18.81	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	217406	19.03	ug/l	100
85) sec-Butylbenzene	13.39	105	268500	18.99	ug/l	99
86) p-Isopropyltoluene	13.51	119	241960	19.03	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	124232	19.67	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	125728	20.04	ug/l	99
89) n-Butylbenzene	13.83	91	227276	18.96	ug/l	99
90) Hexachloroethane	14.10	117	38404	16.06	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	111813	19.95	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7057	17.22	ug/l	99

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MSVOA_W
ClientSampleId :
VW1012SBSD01

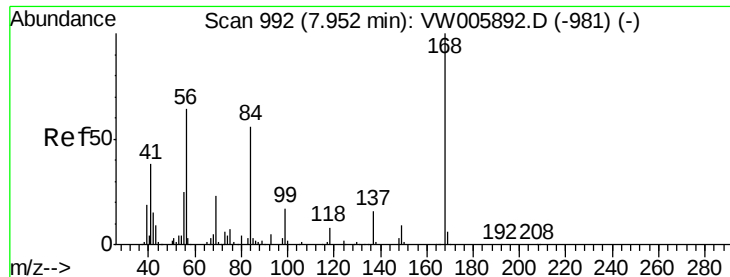
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	86993	20.01	ug/l	100
94) Hexachlorobutadiene	15.24	225	51894	19.13	ug/l	100
95) Naphthalene	15.38	128	148508	19.82	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	75132	19.96	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: VW006025.D

Acq: 11 Oct 2018 12:11

Instrument :

MSVOA_W

ClientSampleId :

VW1012SBSD01

Tgt Ion:168 Resp: 244975

Ion Ratio Lower Upper

168 100

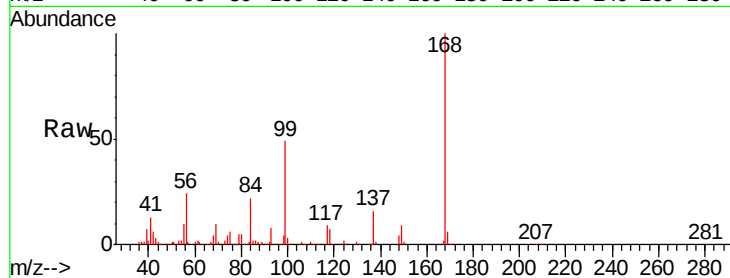
99 49.3 40.9 61.3

Manual Integrations

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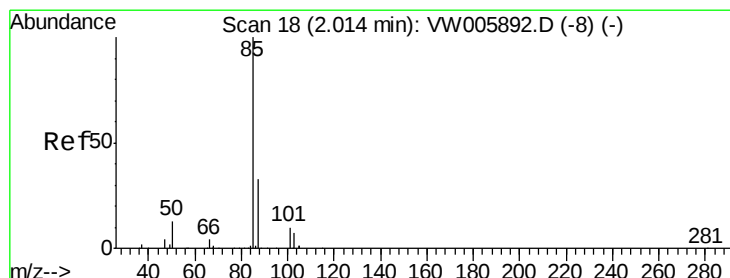
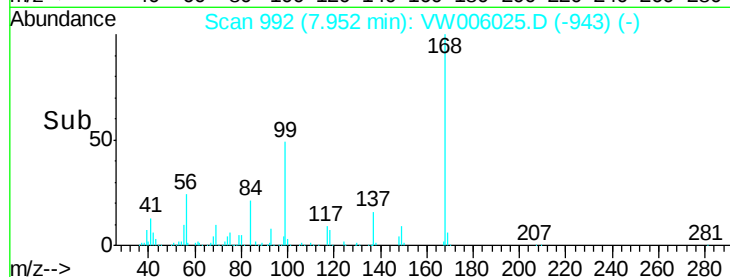
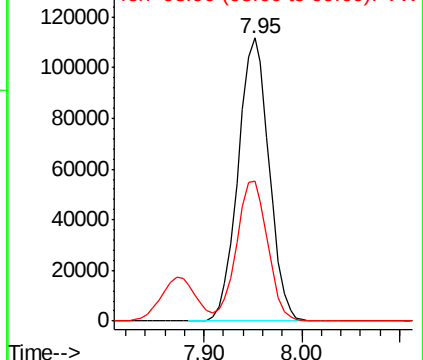
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 20.38 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW006025.D

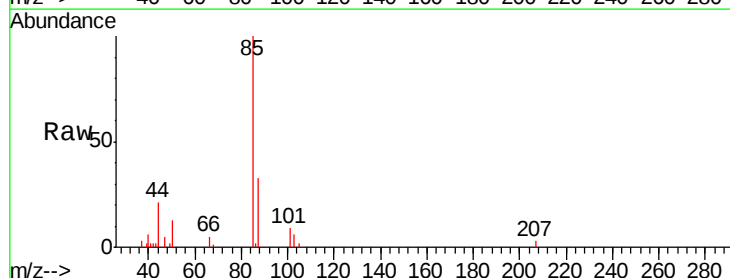
Acq: 11 Oct 2018 12:11

Tgt Ion: 85 Resp: 24468

Ion Ratio Lower Upper

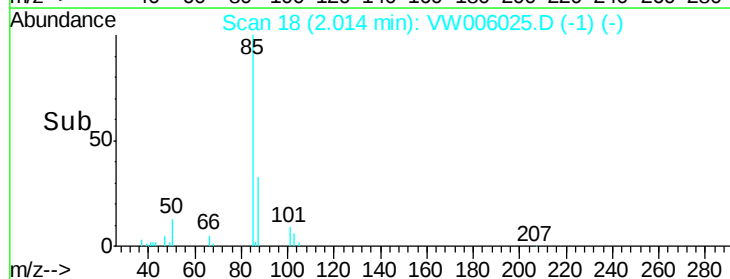
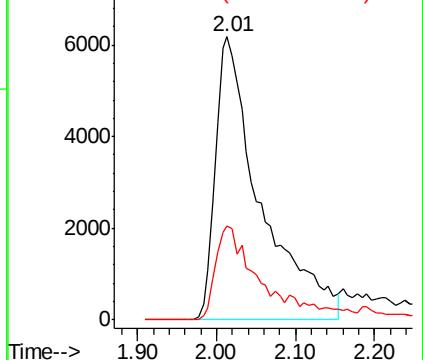
85 100

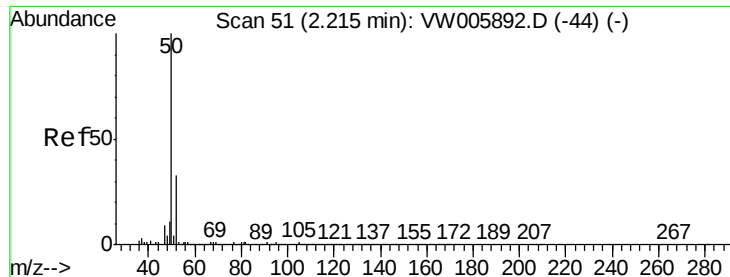
87 33.0 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 21.09 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Instrument :

MSVOA_W

ClientSampleId :

VW1012SBSD01

Tgt Ion: 50 Resp: 29783

Ion Ratio Lower Upper

50 100

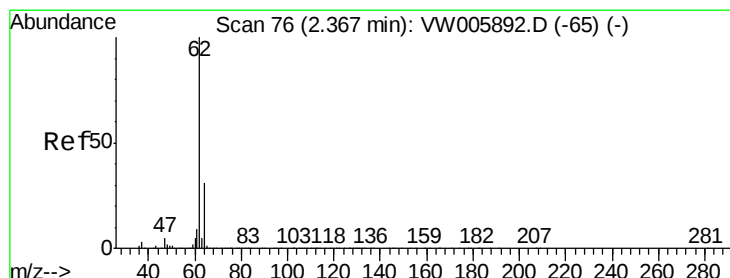
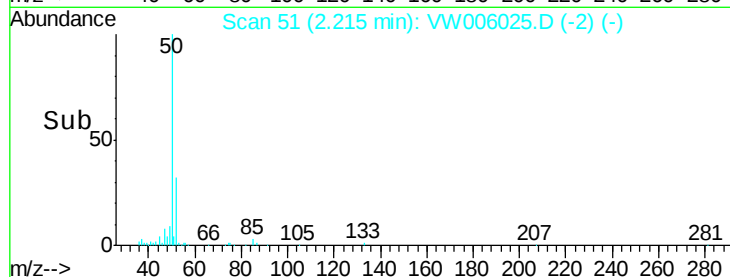
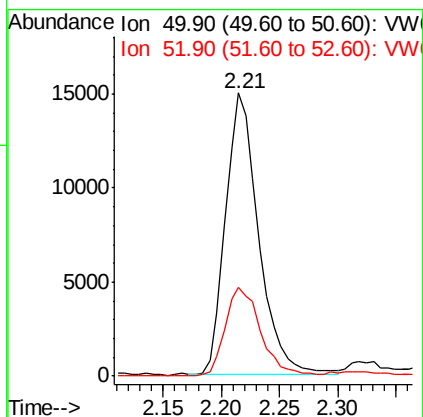
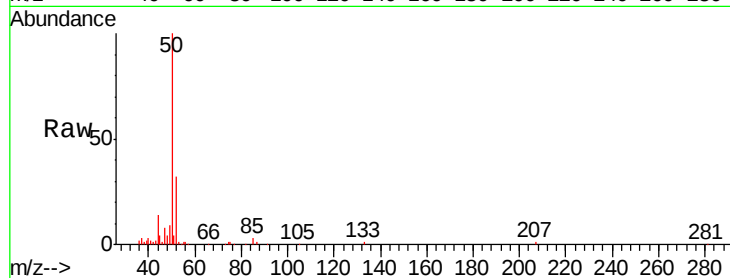
52 31.7 26.7 40.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.42 ug/l

RT: 2.37 min Scan# 77

Delta R.T. 0.01 min

Lab File: VW006025.D

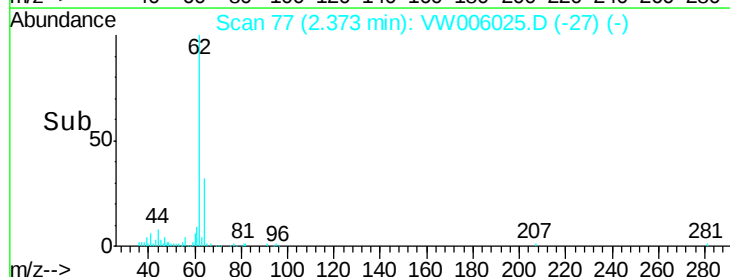
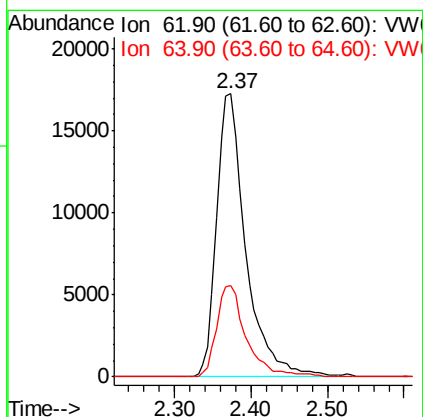
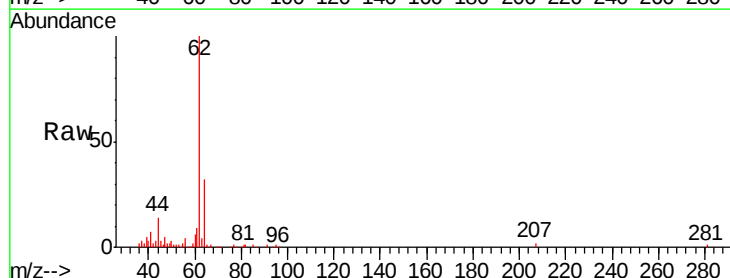
Acq: 11 Oct 2018 12:11

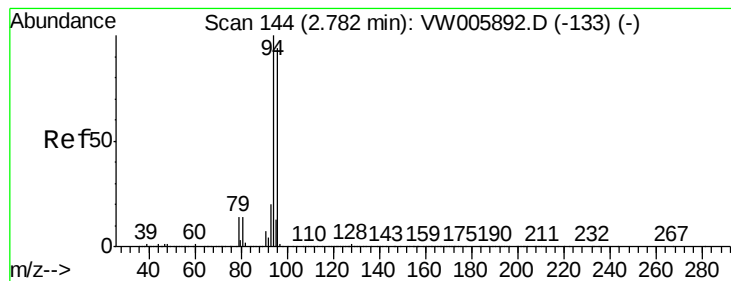
Tgt Ion: 62 Resp: 45778

Ion Ratio Lower Upper

62 100

64 32.5 24.6 36.8





#5

Bromomethane

Concen: 23.04 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Instrument :

MSVOA_W

ClientSampleId :

VW1012SBSD01

Tgt Ion: 94 Resp: 40765

Ion Ratio Lower Upper

94 100

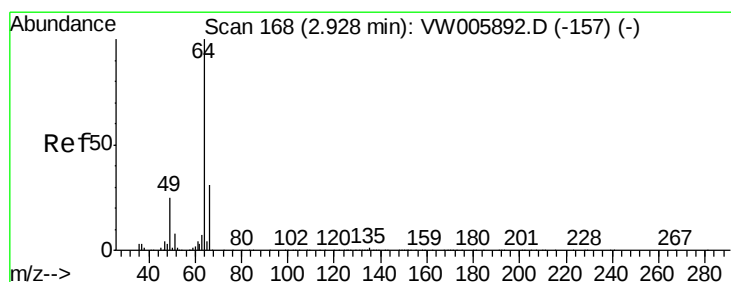
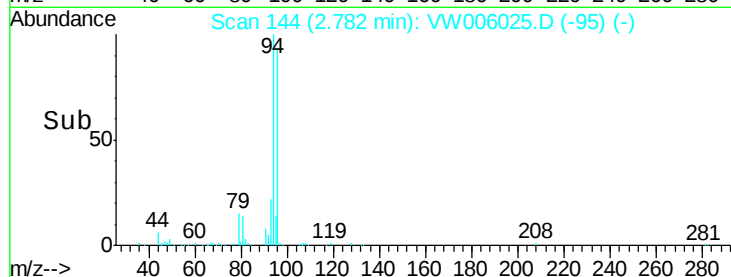
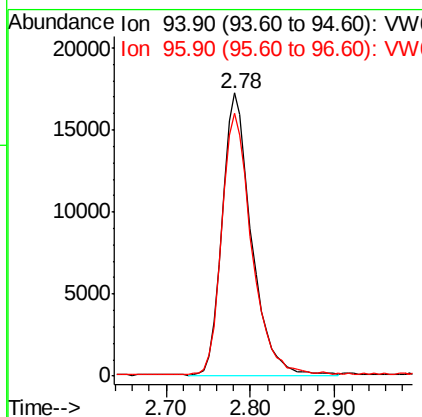
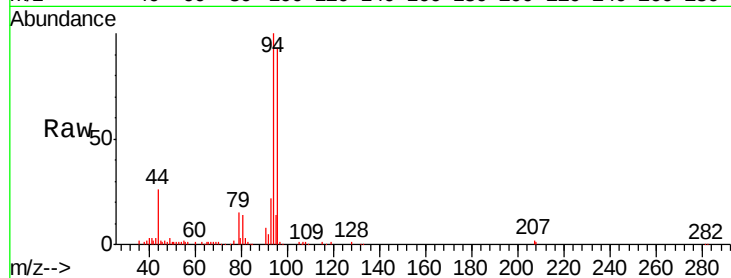
96 92.7 75.0 112.4

Manual Integrations

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#6

Chloroethane

Concen: 22.64 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW006025.D

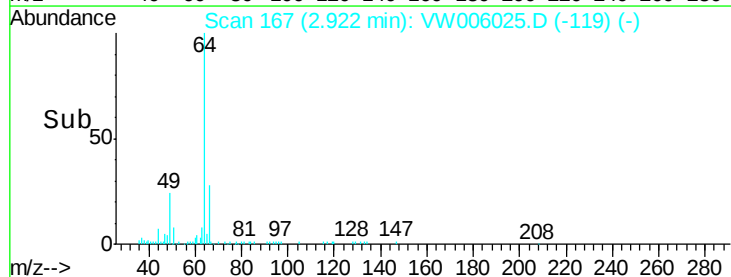
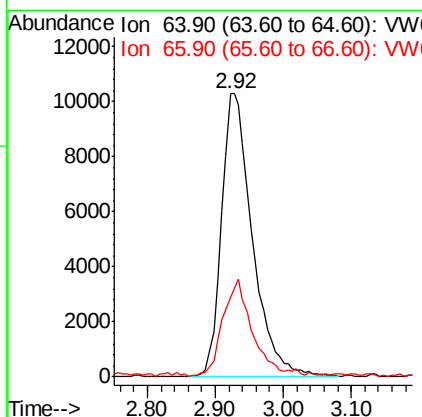
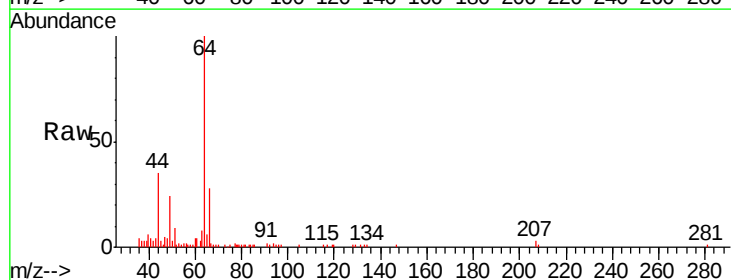
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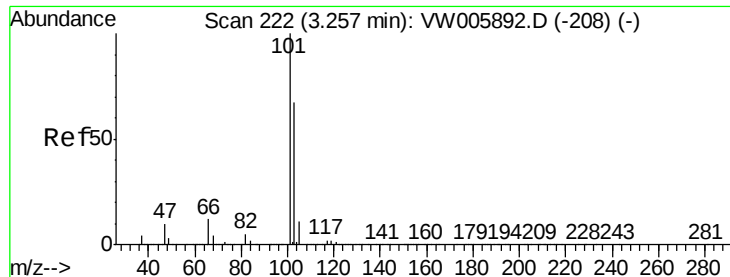
Tgt Ion: 64 Resp: 32339

Ion Ratio Lower Upper

64 100

66 28.2 25.0 37.4





#7

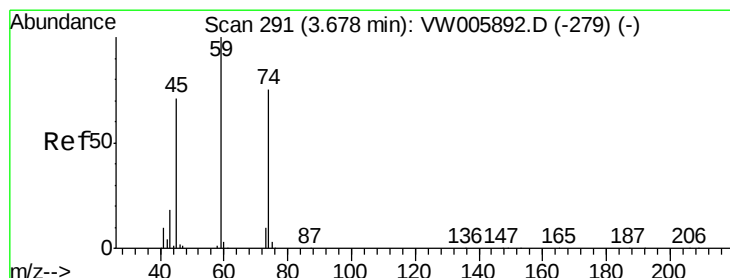
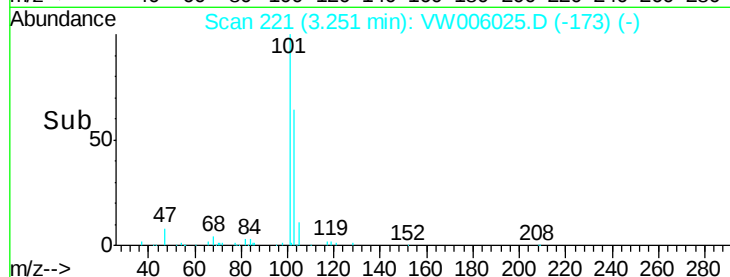
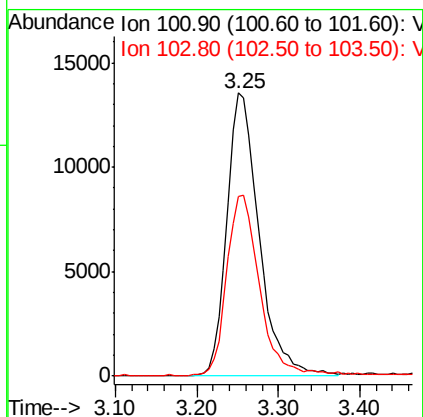
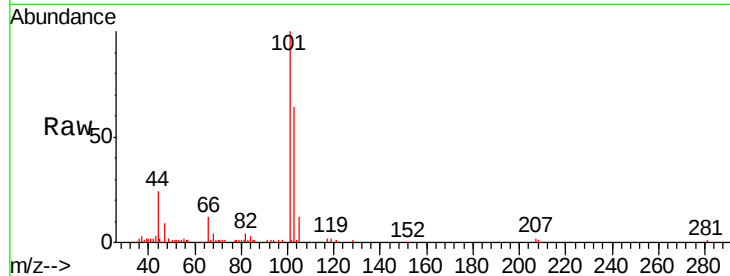
Trichlorofluoromethane
Concen: 20.77 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW006025.D
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Tgt Ion	Ratio	Resp	Lower	Upper
101	100	36959		
103	63.7	53.5	80.3	

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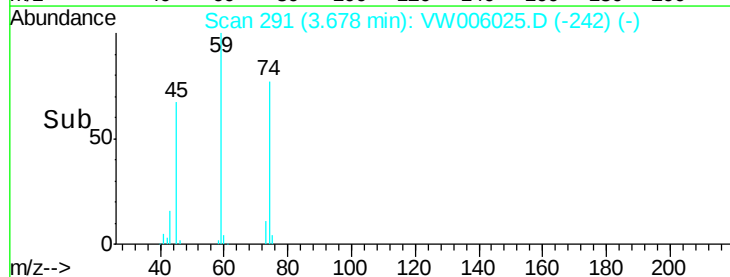
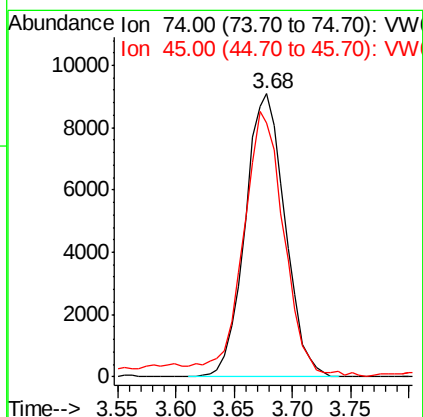
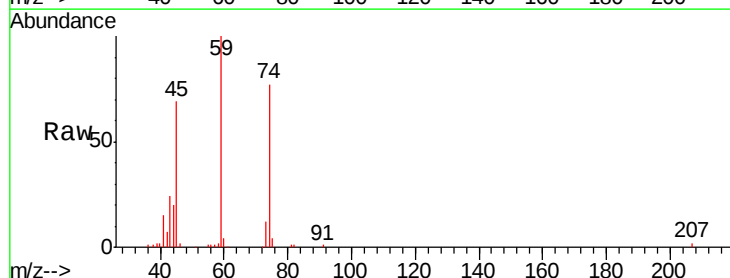
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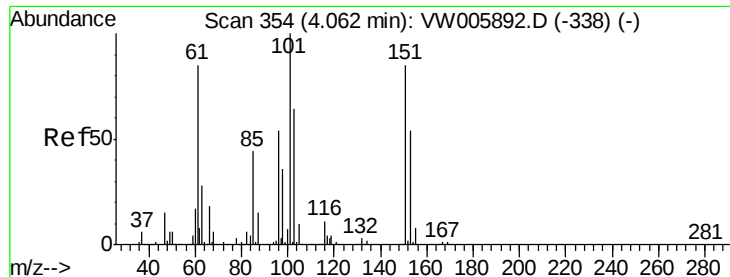


#8

Diethyl Ether
Concen: 19.80 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	21680		
45	97.0	46.8	140.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.31 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Instrument :

MSVOA_W

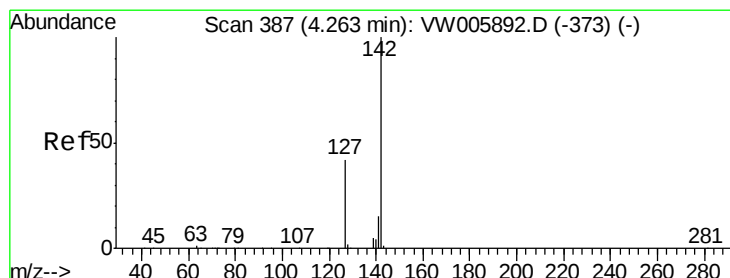
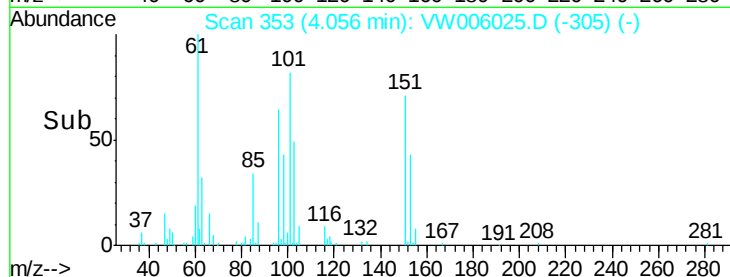
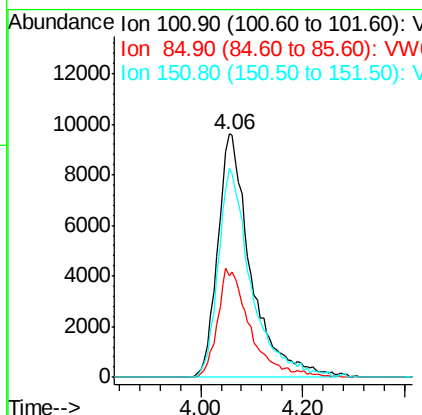
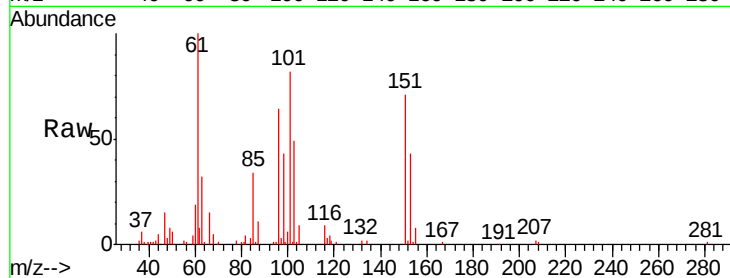
ClientSampleId :

VW1012SBSD01

Tgt Ion:	101	Resp:	43372
Ion Ratio	Lower	Upper	
101	100		
85	42.7	35.1	52.7
151	85.4	67.7	101.5

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#10

Methyl Iodide

Concen: 18.60 ug/l

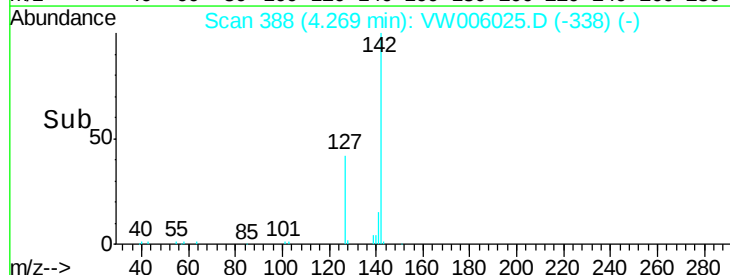
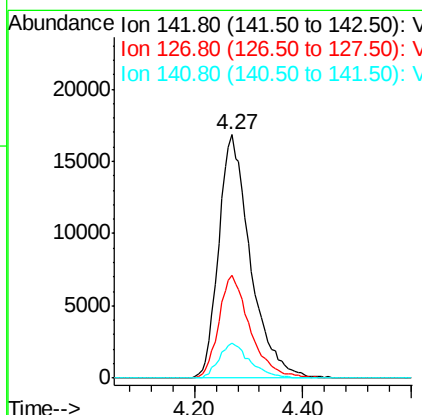
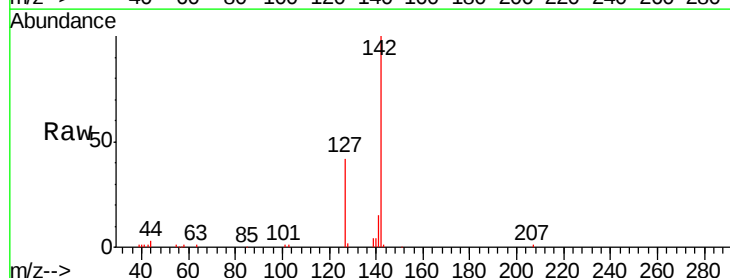
RT: 4.27 min Scan# 388

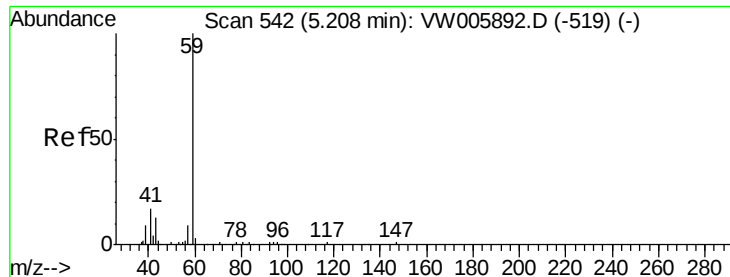
Delta R.T. 0.01 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Tgt Ion:	142	Resp:	68313
Ion Ratio	Lower	Upper	
142	100		
127	41.6	33.7	50.5
141	14.1	11.5	17.3





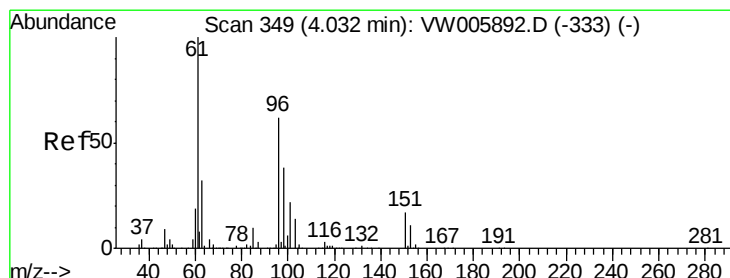
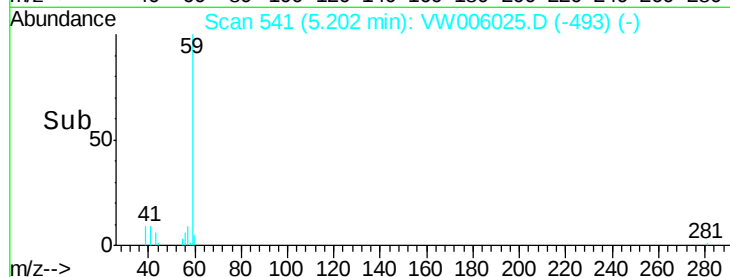
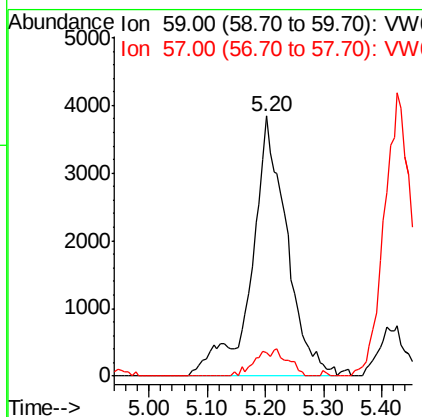
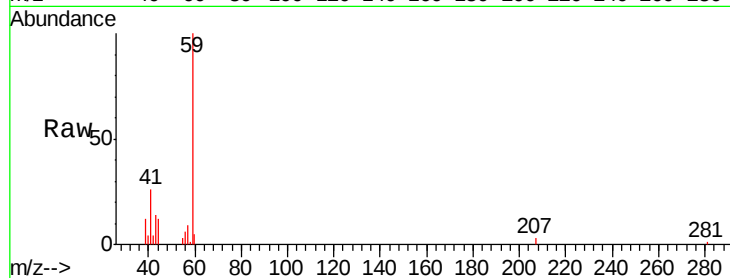
#11
Tert butyl alcohol
Concen: 92.41 ug/l m
RT: 5.20 min Scan# 541
Delta R.T. -0.01 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

Instrument :
MSVOA_W
ClientSampleId :
VW1012SBSD01

Tgt Ion: 59 Resp: 16107
Ion Ratio Lower Upper
59 100
57 4.9 7.7 11.5#

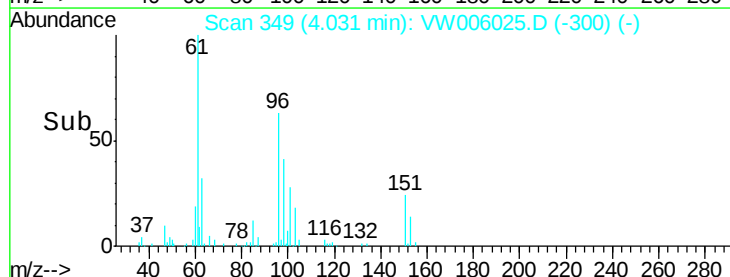
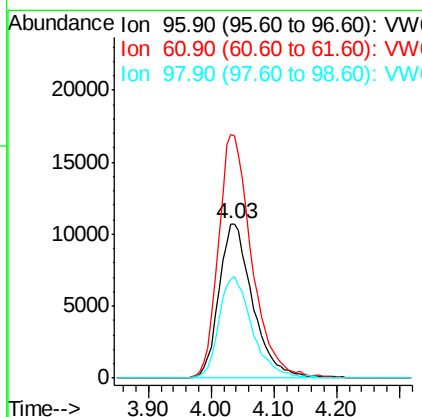
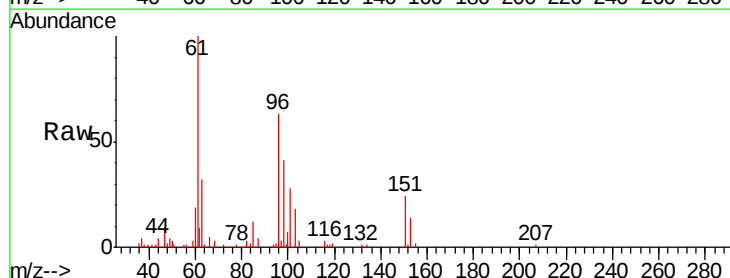
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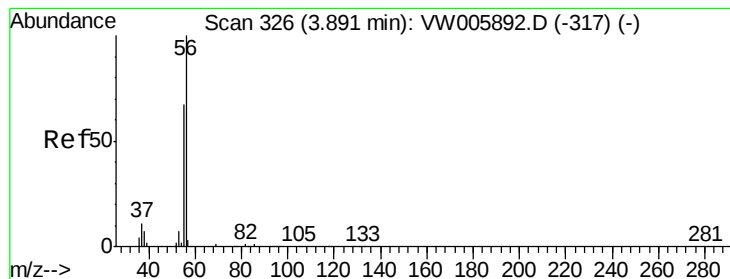
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#12
1,1-Dichloroethene
Concen: 18.49 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

Tgt Ion: 96 Resp: 39885
Ion Ratio Lower Upper
96 100
61 157.7 128.6 193.0
98 64.5 49.4 74.0





#13

Acrolein

Concen: 84.10 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Instrument :

MSVOA_W

ClientSampleId :

VW1012SBS01

Tgt Ion: 56 Resp: 13062

Ion Ratio Lower Upper

56 100

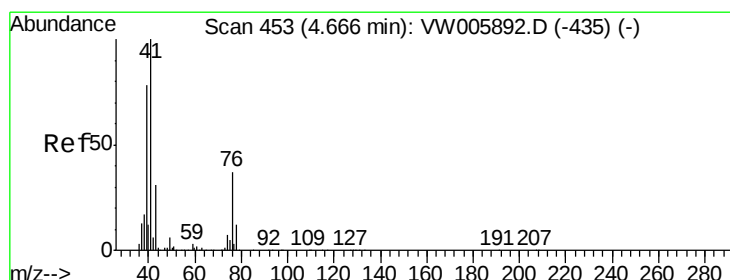
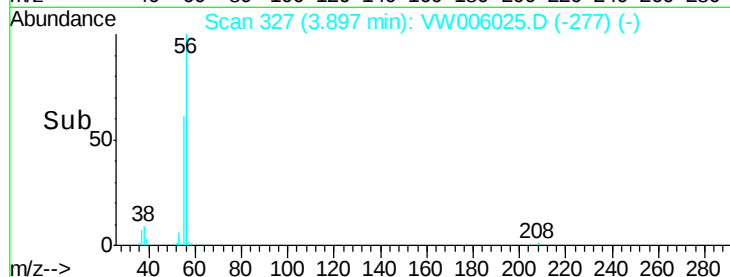
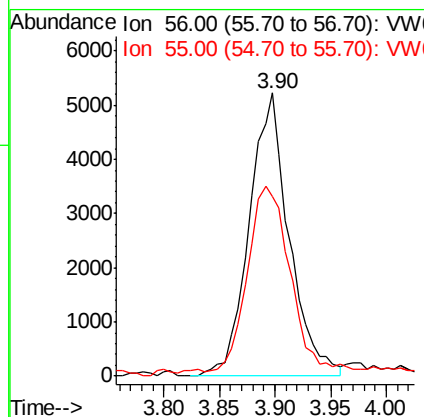
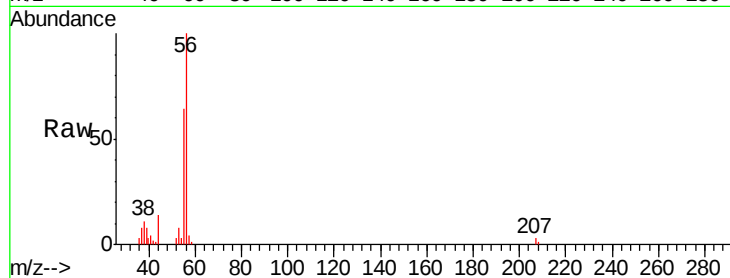
55 70.8 54.6 82.0

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#14

Allyl chloride

Concen: 15.27 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

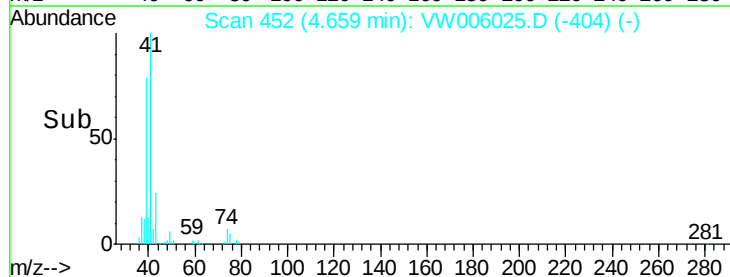
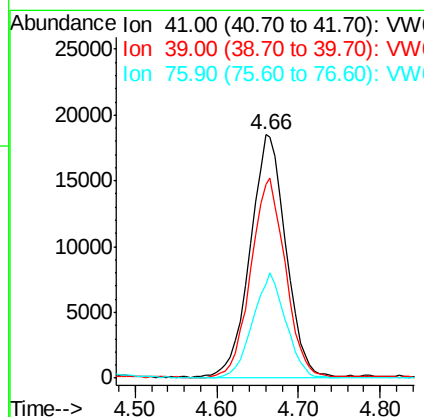
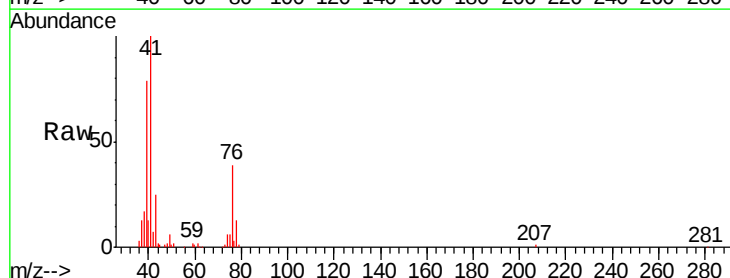
Tgt Ion: 41 Resp: 56149

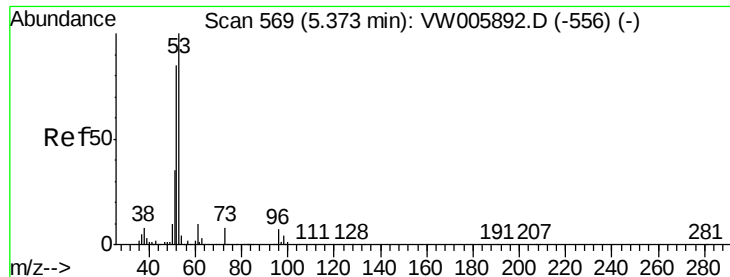
Ion Ratio Lower Upper

41 100

39 80.5 60.8 91.2

76 40.1 29.6 44.4





#15

Acrylonitrile

Concen: 93.88 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Instrument :

MSVOA_W

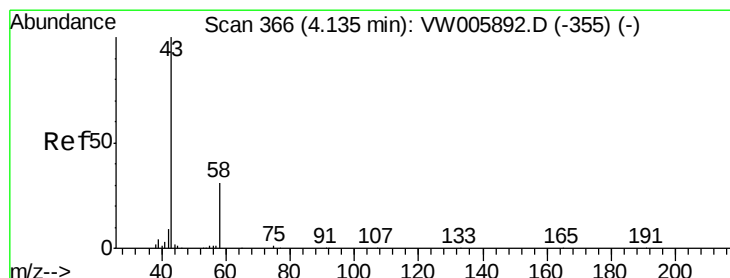
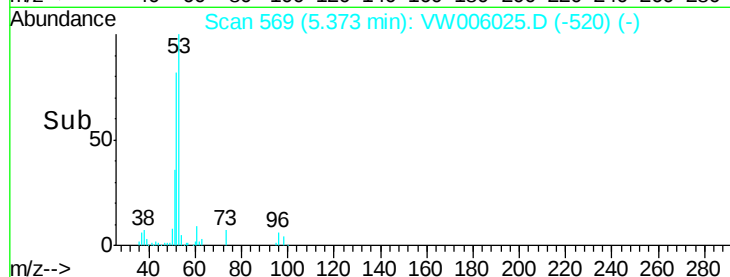
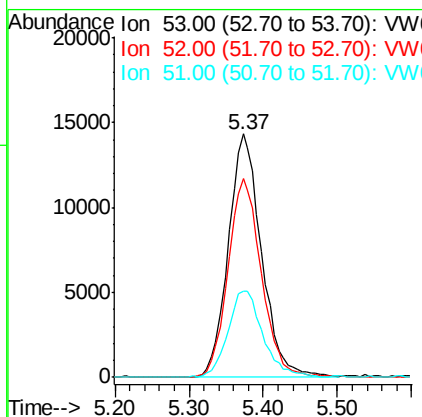
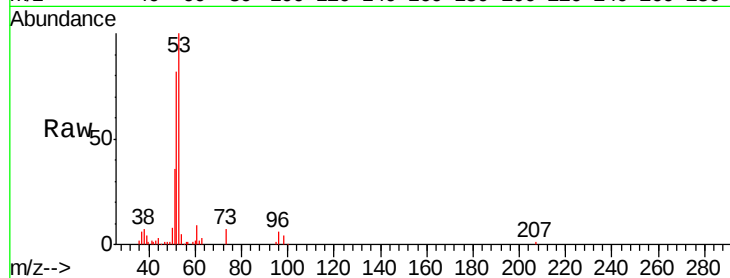
ClientSampleId :

VW1012SBS01

Tgt Ion:	53	Resp:	44745
Ion	Ratio	Lower	Upper
53	100		
52	81.9	66.8	100.2
51	37.4	29.8	44.6

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#16

Acetone

Concen: 107.15 ug/l

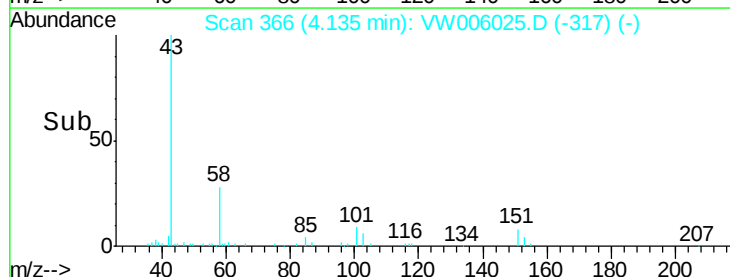
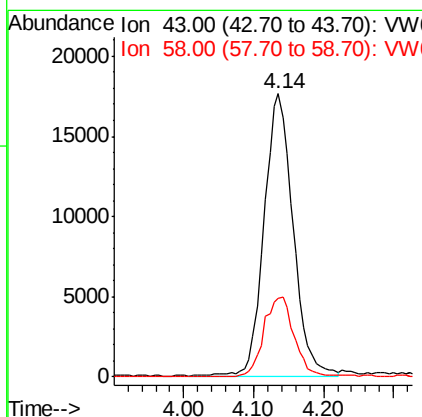
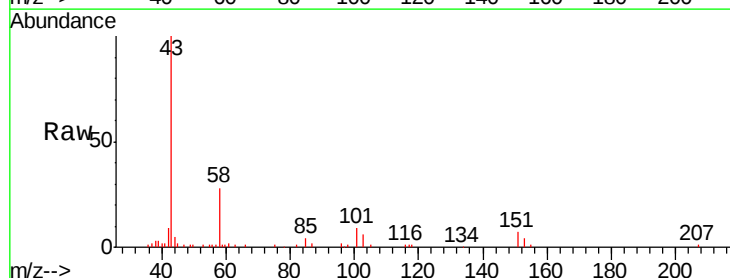
RT: 4.14 min Scan# 366

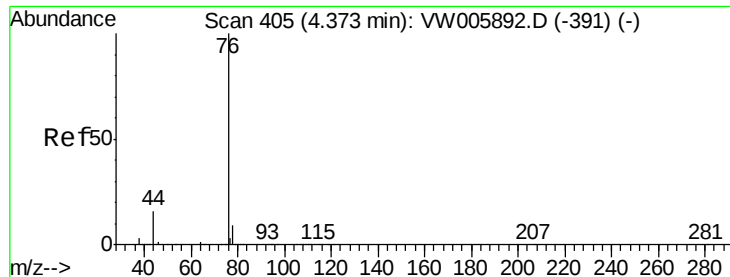
Delta R.T. -0.00 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Tgt Ion:	43	Resp:	50899
Ion	Ratio	Lower	Upper
43	100		
58	27.9	24.7	37.1





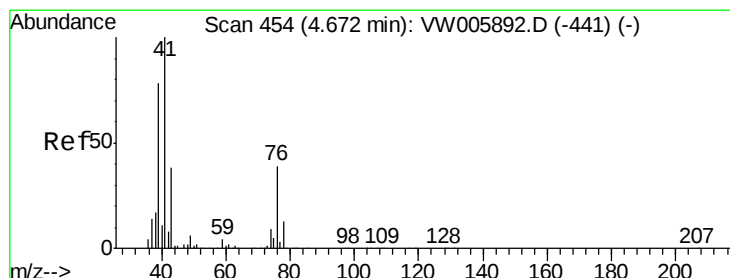
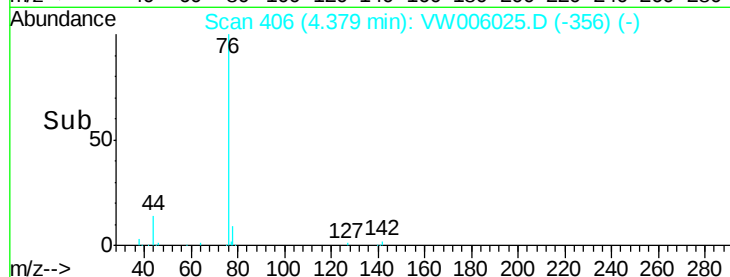
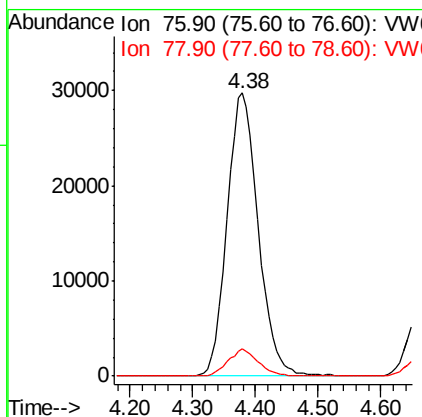
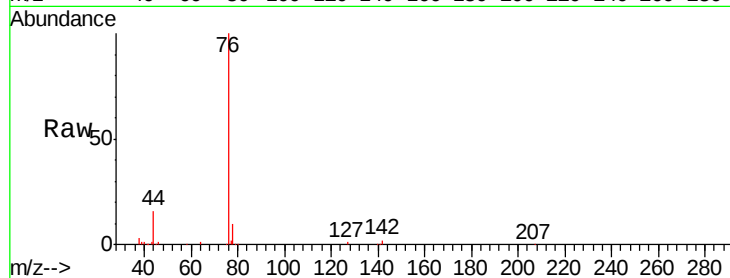
#17
Carbon Disulfide
Concen: 15.65 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

Instrument :
MSVOA_W
ClientSampleId :
VW1012SBSD01

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.4	11.0

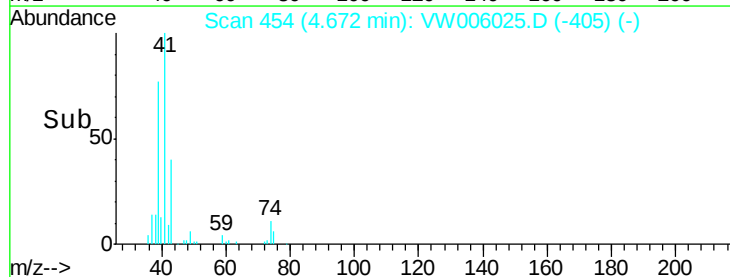
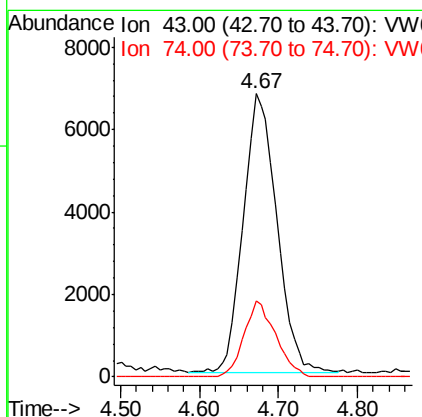
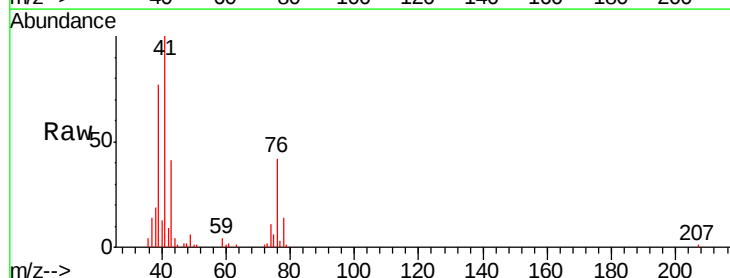
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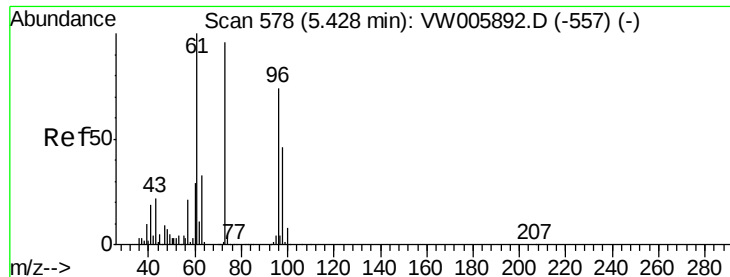
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#18
Methyl Acetate
Concen: 16.76 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.6	19.2	28.8





#19

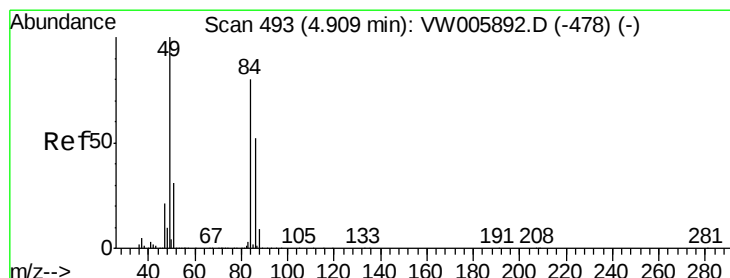
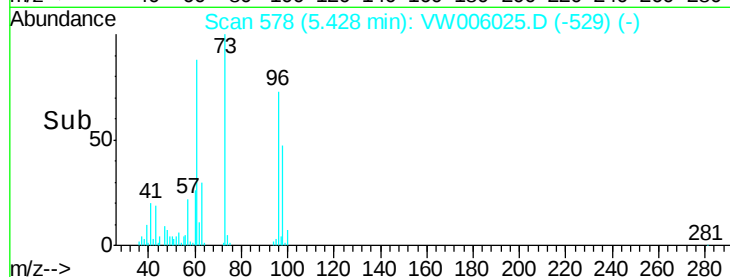
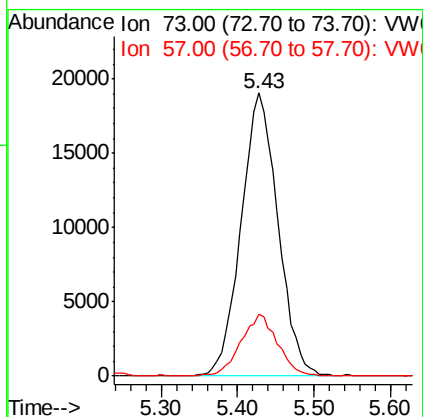
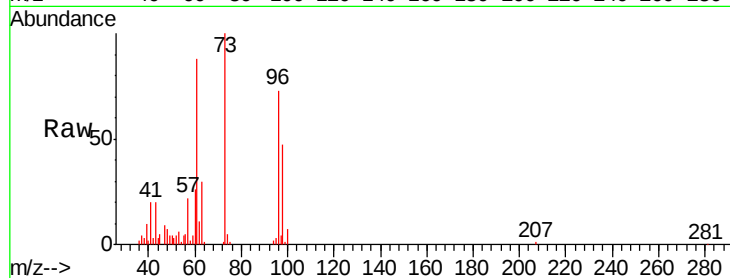
Methyl tert-butyl Ether
 Concen: 19.02 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: VW006025.D
 Acq: 11 Oct 2018 12:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1012SBSD01

Tgt Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.7	26.5

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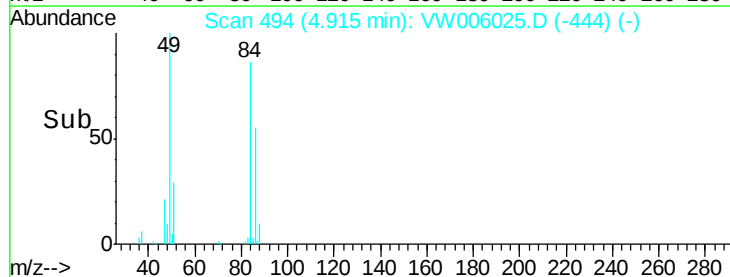
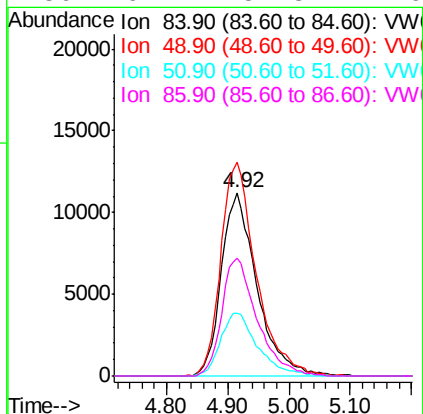
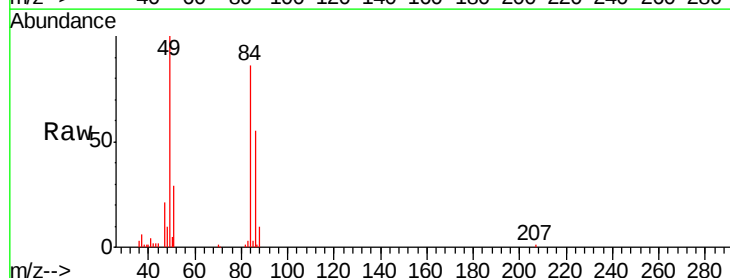
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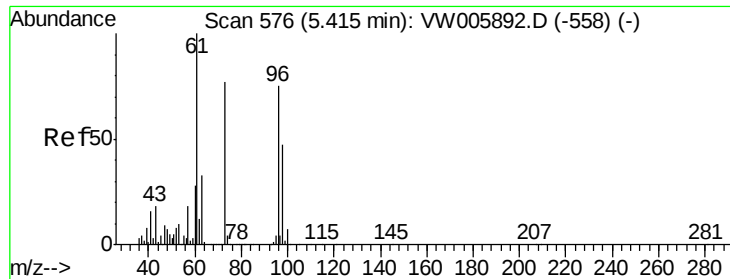


#20

Methylene Chloride
 Concen: 18.94 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.01 min
 Lab File: VW006025.D
 Acq: 11 Oct 2018 12:11

Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.9	99.9	149.9
51	34.2	31.1	46.7
86	64.4	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 18.97 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Instrument :

MSVOA_W

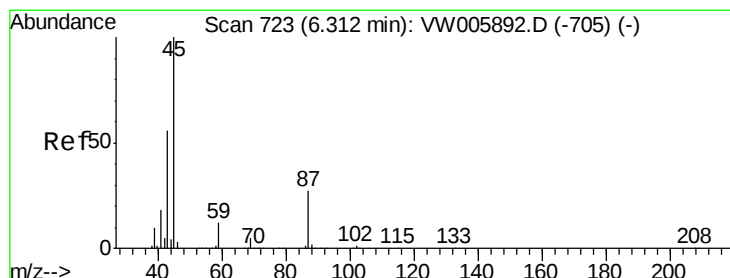
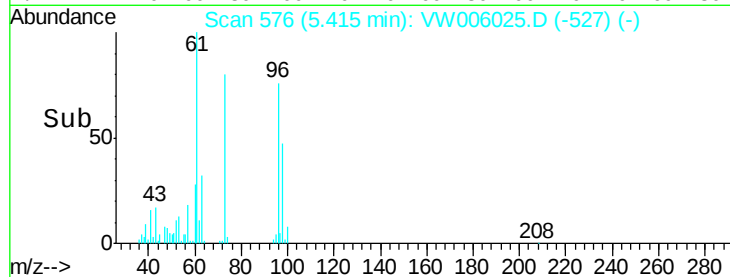
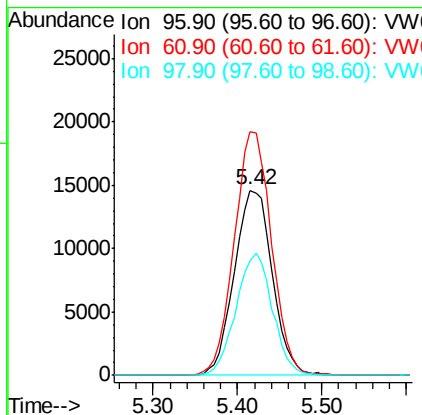
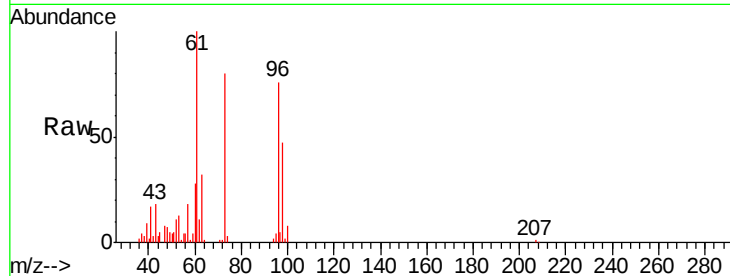
ClientSampleId :

VW1012SBSD01

Tgt Ion:	96	Resp:	44583
Ion	Ratio	Lower	Upper
96	100		
61	131.6	107.4	161.0
98	62.0	50.8	76.2

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#22

Diisopropyl ether

Concen: 17.38 ug/l

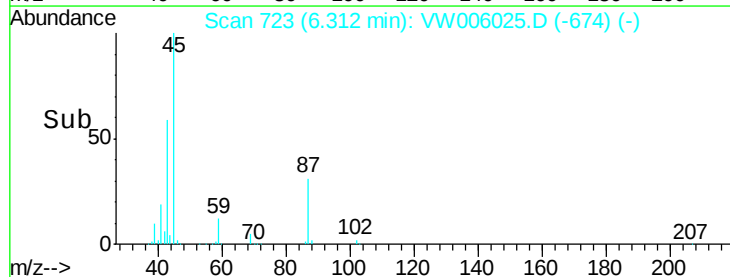
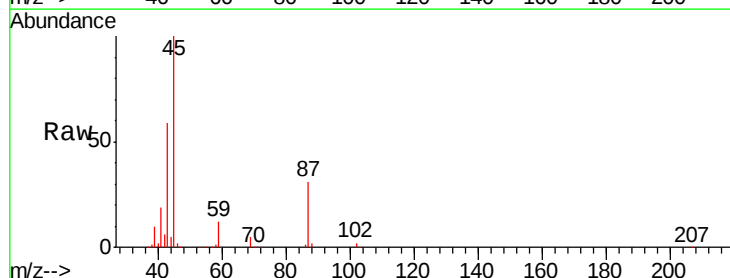
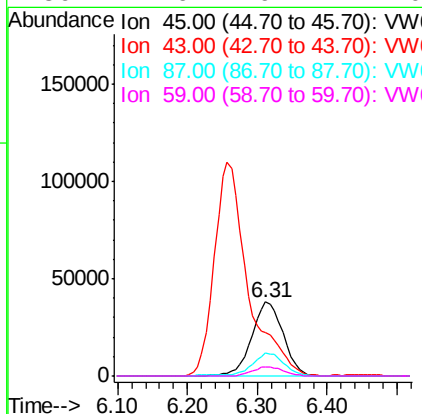
RT: 6.31 min Scan# 723

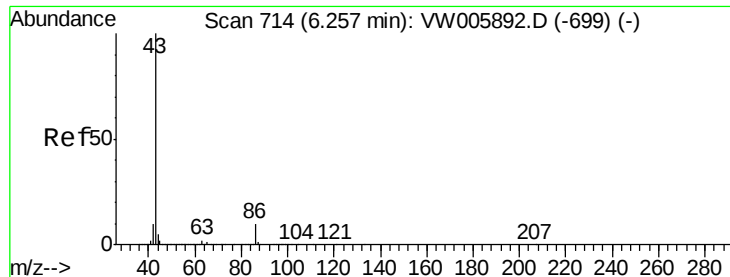
Delta R.T. -0.00 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Tgt Ion:	45	Resp:	119514
Ion	Ratio	Lower	Upper
45	100		
43	57.6	45.9	68.9
87	31.1	22.2	33.4
59	11.6	9.4	14.0





#23

Vinyl Acetate

Concen: 86.65 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Instrument :

MSVOA_W

ClientSampleId :

VW1012SBSD01

Tgt Ion: 43 Resp: 366660

Ion Ratio Lower Upper

43 100

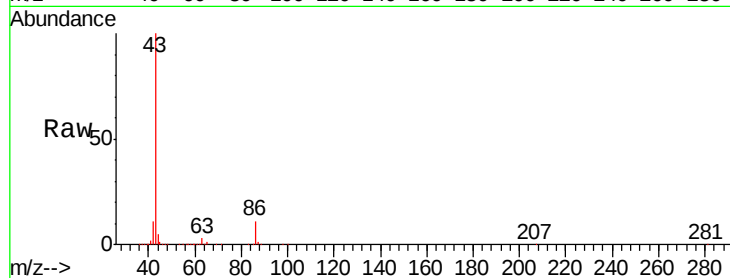
86 11.0 8.2 12.4

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

120000

100000

80000

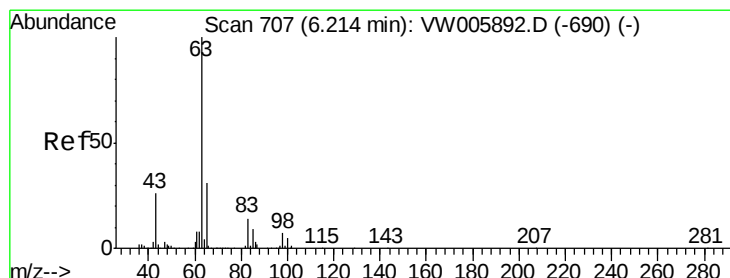
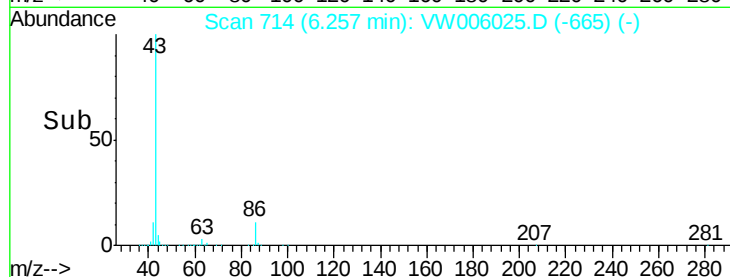
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.07 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

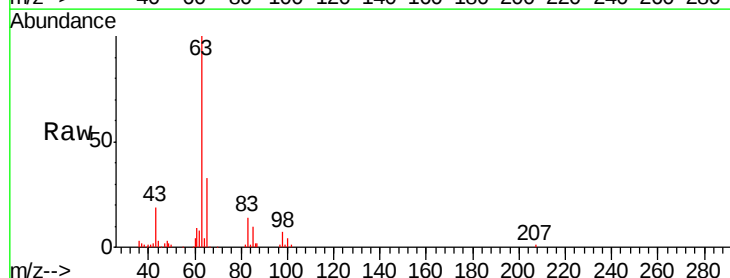
Tgt Ion: 63 Resp: 76020

Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.6

100 4.3 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

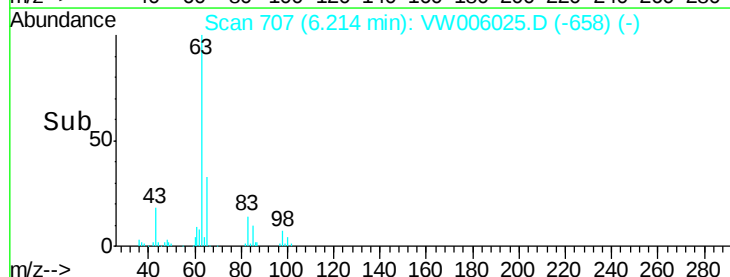
30000

20000

10000

0

Time-->





#25

2-Butanone

Concen: 98.77 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Instrument :

MSVOA_W

ClientSampleId :

VW1012SBS01

Tgt Ion: 43 Resp: 66734

Ion Ratio Lower Upper

43 100

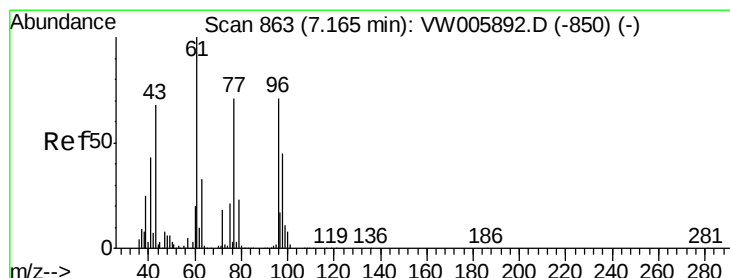
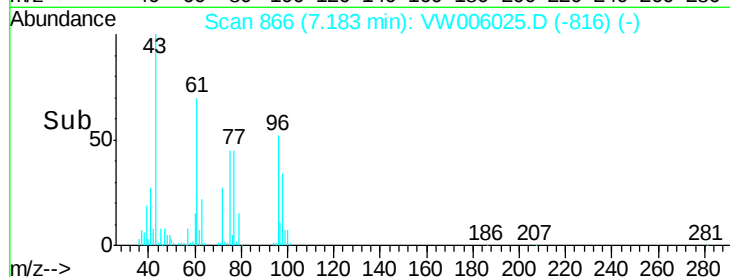
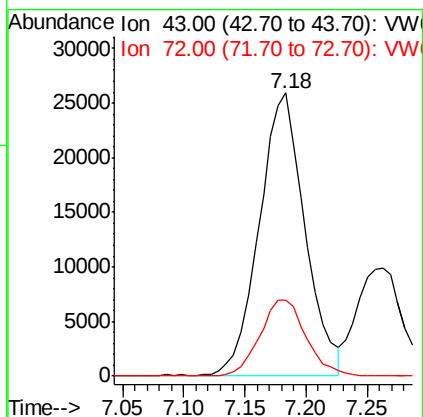
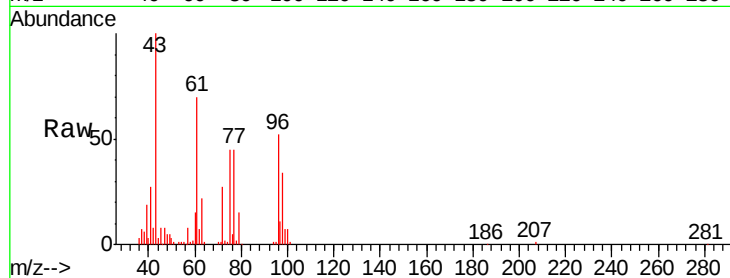
72 27.2 21.0 31.4

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#26

2,2-Dichloropropane

Concen: 17.17 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW006025.D

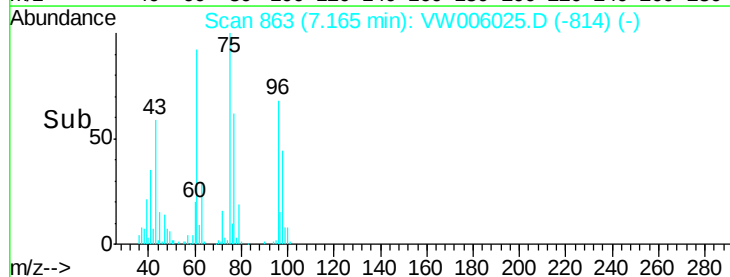
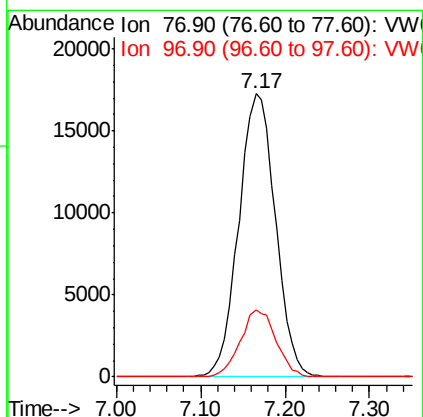
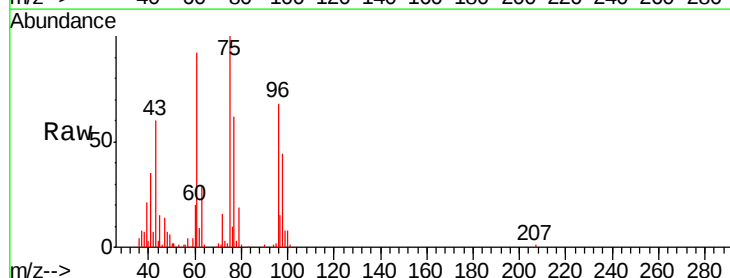
Acq: 11 Oct 2018 12:11

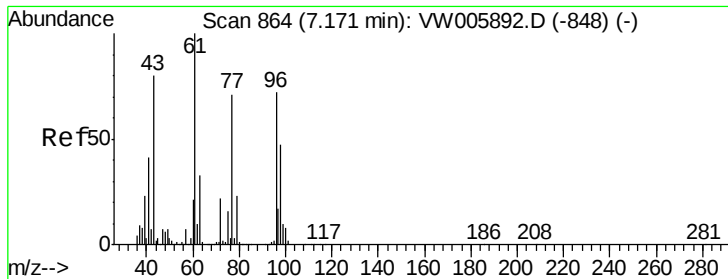
Tgt Ion: 77 Resp: 50838

Ion Ratio Lower Upper

77 100

97 22.8 11.9 35.7





#27

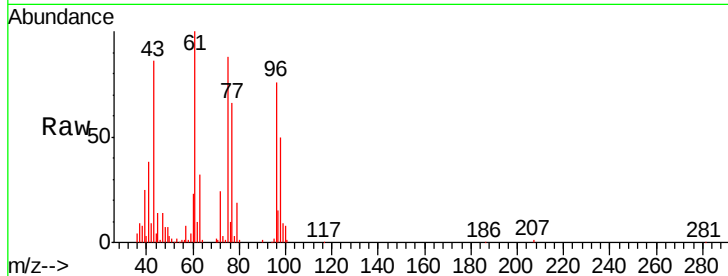
cis-1,2-Dichloroethene
Concen: 19.33 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

Instrument :
MSVOA_W
ClientSampleId :
VW1012SBSD01

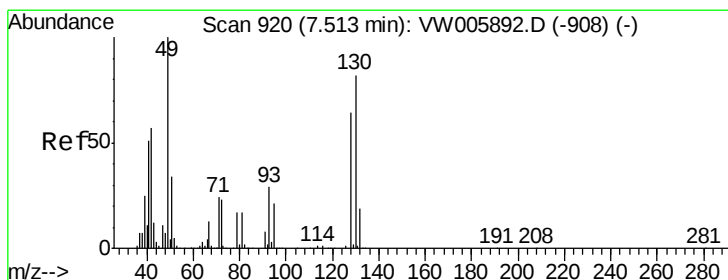
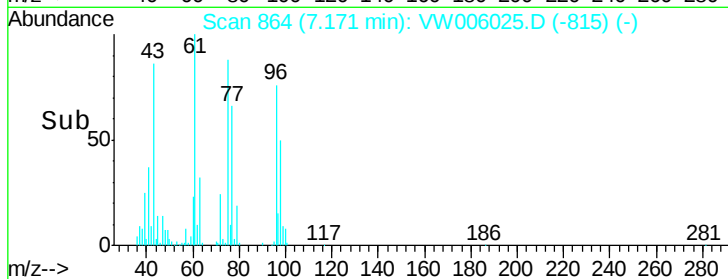
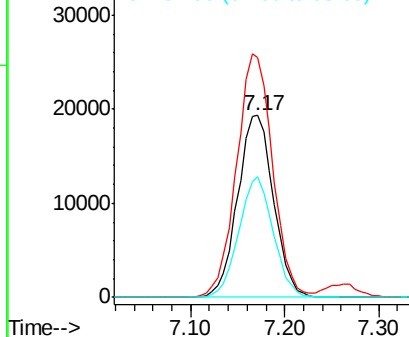
Tgt Ion	Ratio	Resp	Lower	Upper
96	100	51385		
61	134.9	0.0	284.0	
98	63.7	0.0	129.8	

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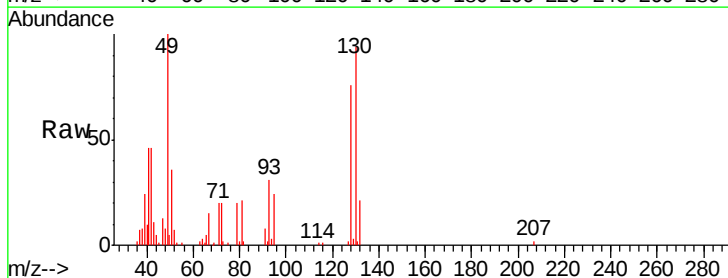
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



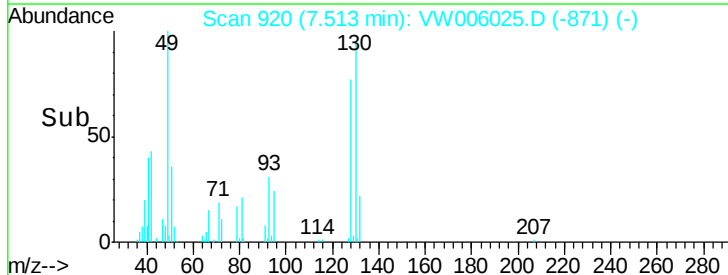
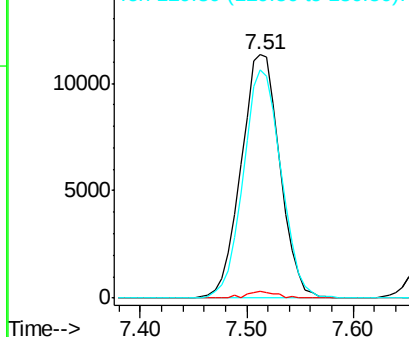
#28

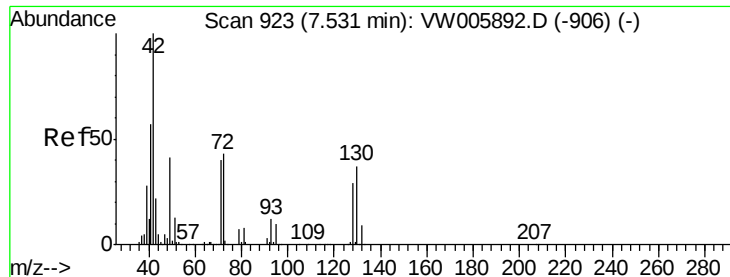
Bromochloromethane
Concen: 18.71 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	29060		
129	2.0	0.0	5.0	
130	91.3	66.9	100.3	



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





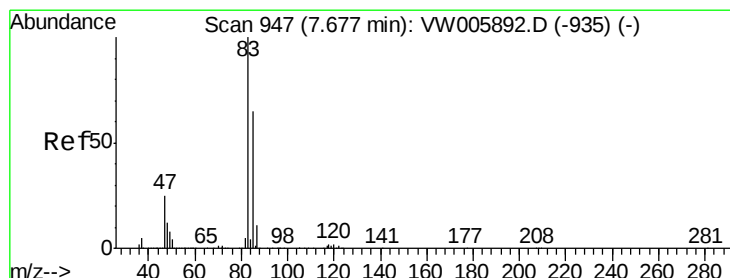
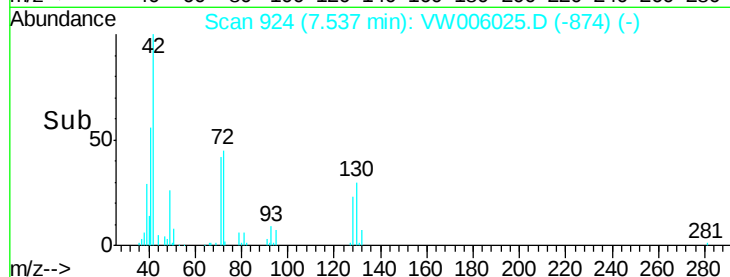
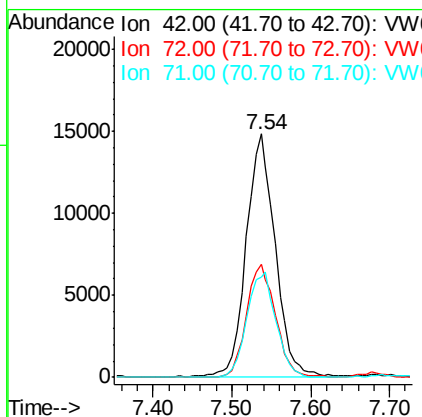
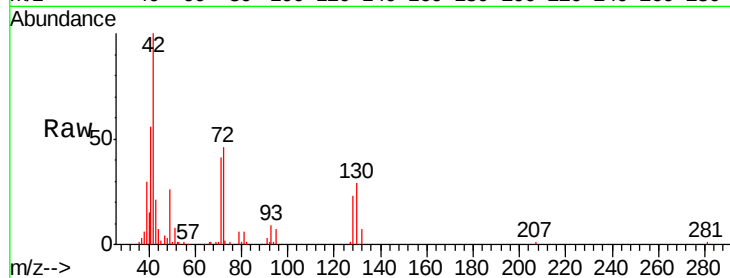
#29
Tetrahydrofuran
Concen: 89.35 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

Instrument :
MSVOA_W
ClientSampleId :
VW1012SBSD01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	46.1	34.6	51.8
71	43.2	32.6	49.0

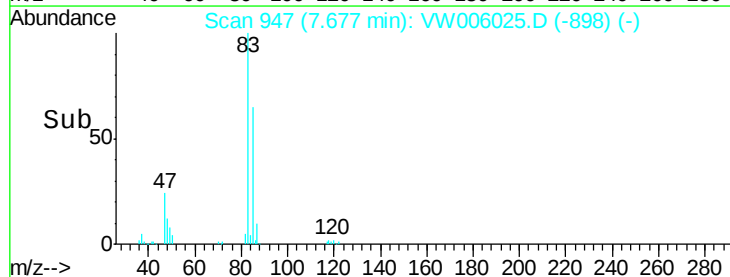
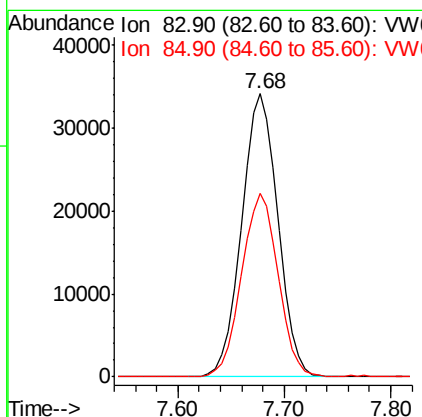
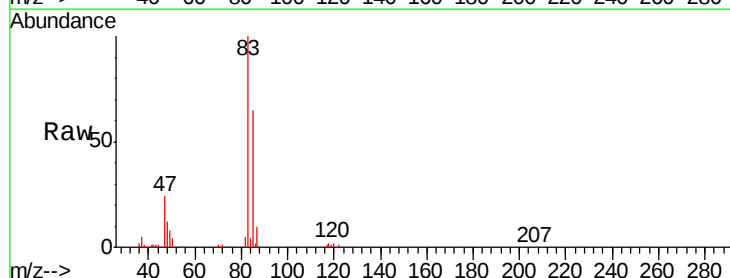
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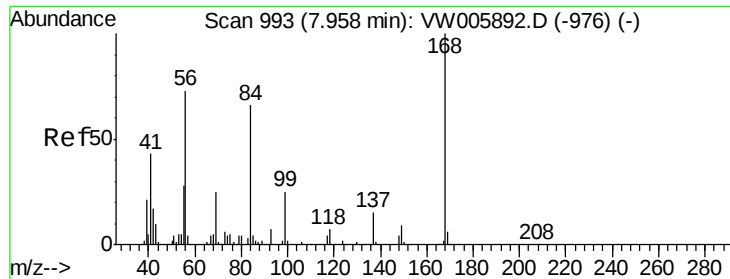
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#30
Chloroform
Concen: 18.89 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.6	77.4





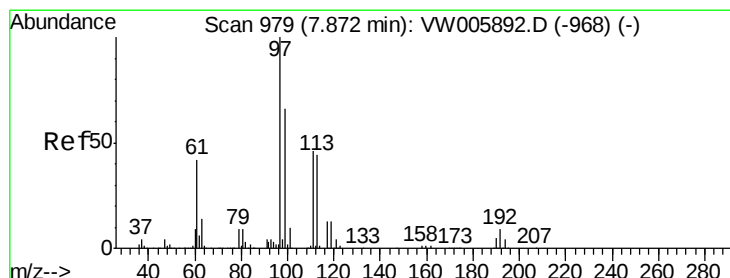
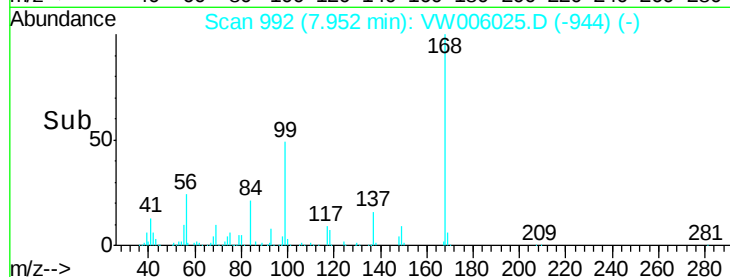
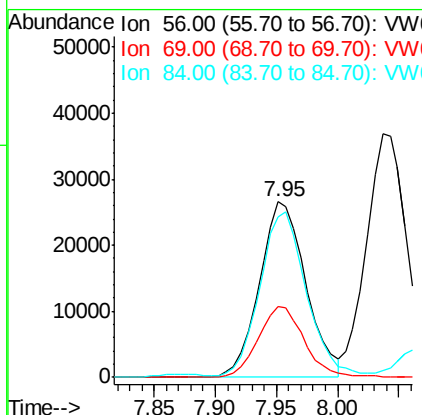
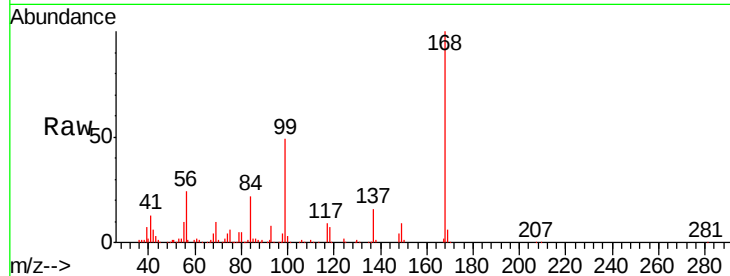
#31
Cyclohexane
Concen: 16.86 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

Instrument :
MSVOA_W
ClientSampleId :
VW1012SBSD01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	40.6	27.9	41.9
84	89.6	72.3	108.5

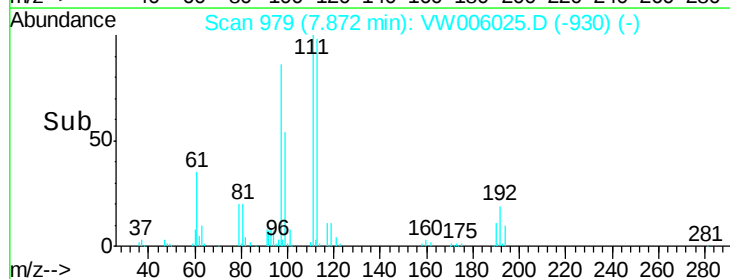
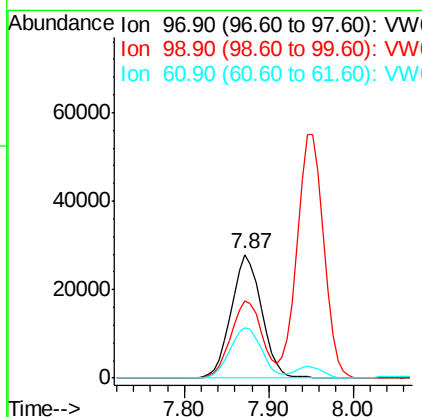
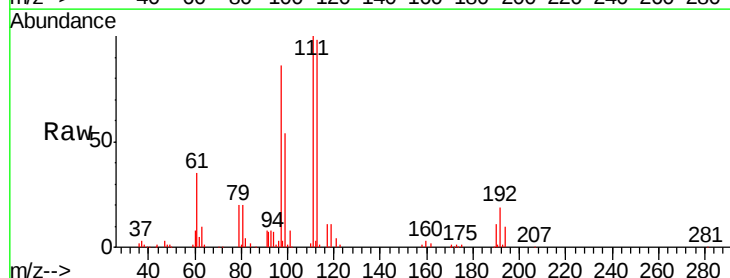
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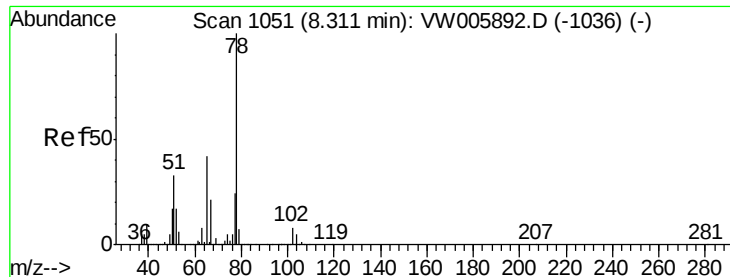
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#32
1,1,1-Trichloroethane
Concen: 17.71 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.6	77.4
61	42.6	34.5	51.7





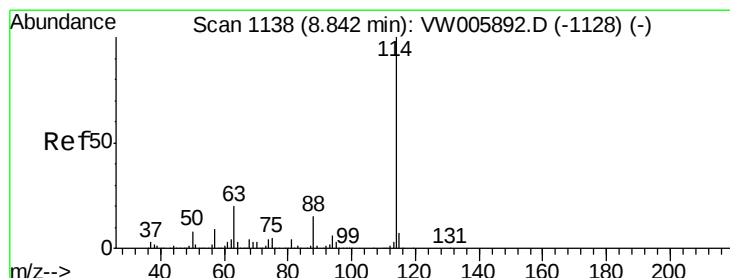
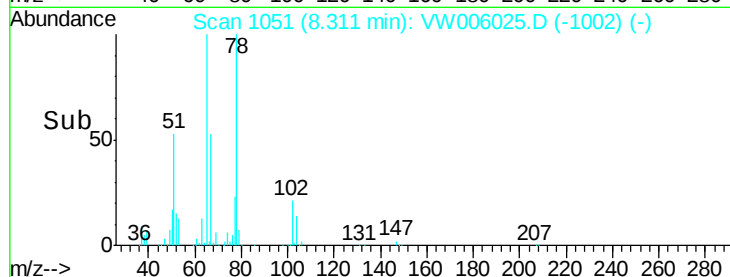
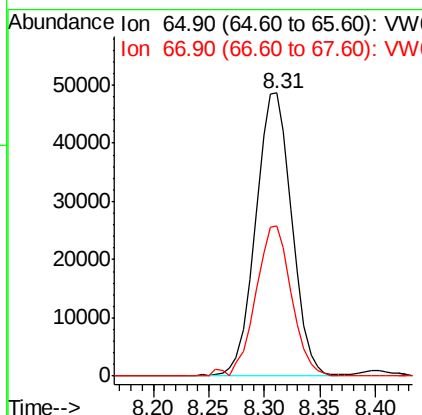
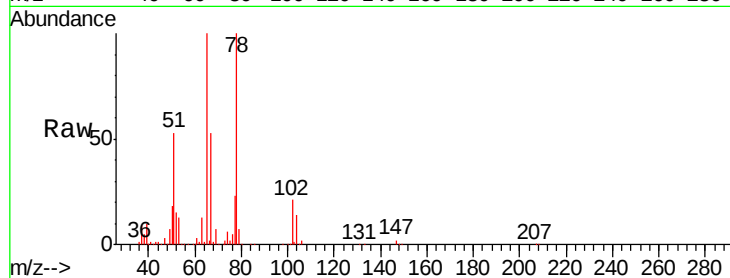
#33
 1,2-Dichloroethane-d4
 Concen: 46.21 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006025.D
 Acq: 11 Oct 2018 12:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1012SBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	109894		
67	52.8	0.0	104.6	

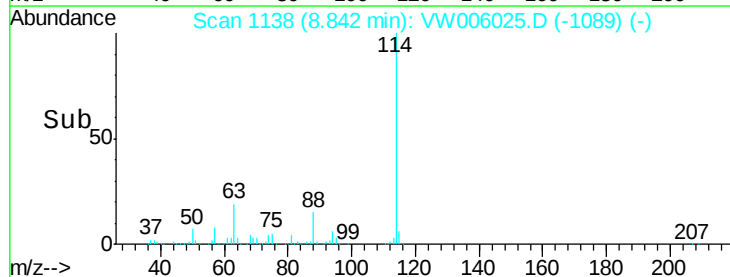
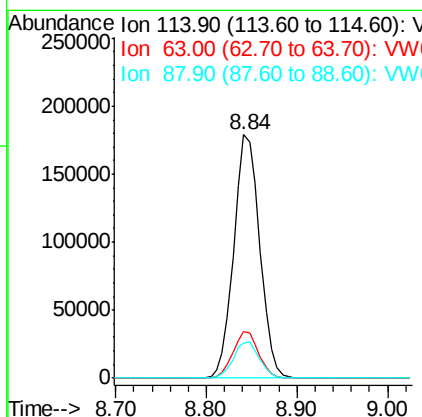
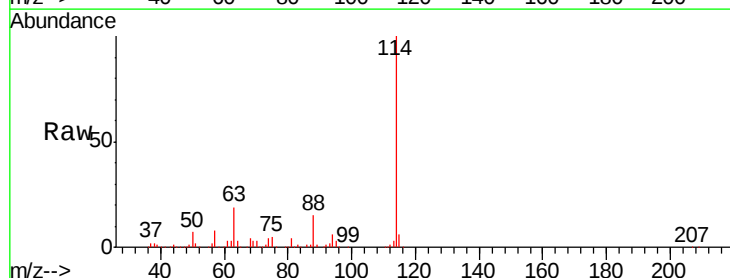
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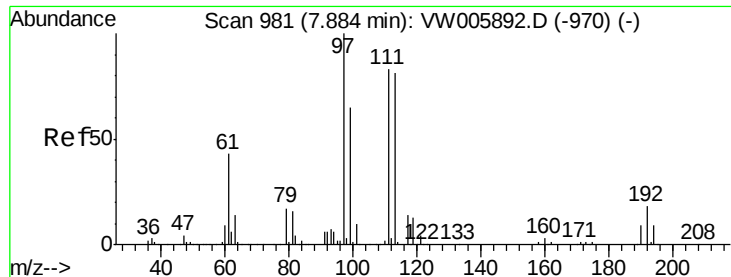
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW006025.D
 Acq: 11 Oct 2018 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	355106		
63	19.0	0.0	39.2	
88	14.6	0.0	30.8	





#35

Dibromofluoromethane

Concen: 48.84 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Instrument :

MSVOA_W

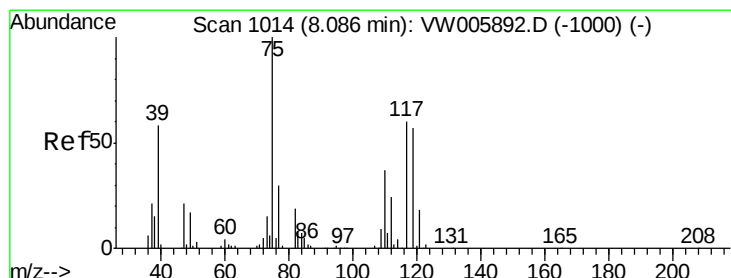
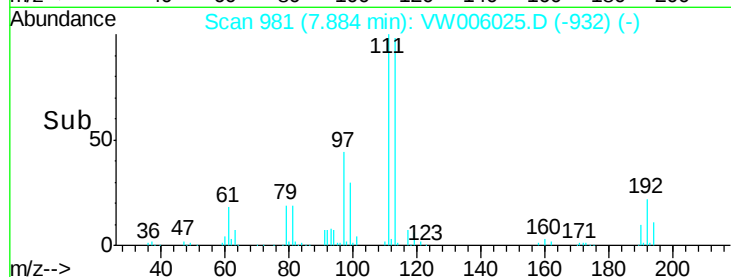
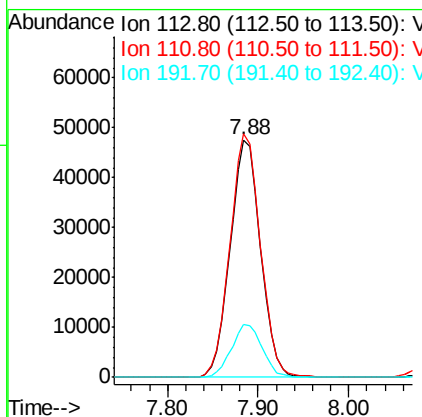
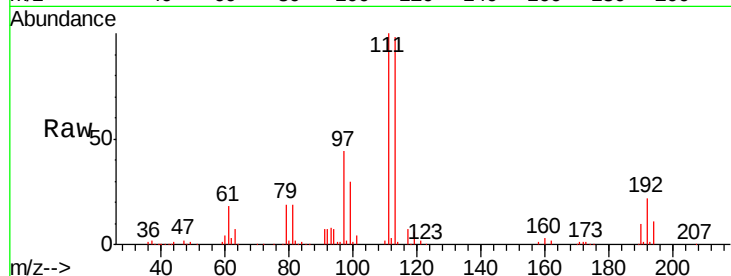
ClientSampleId :

VW1012SBSD01

Tgt Ion:	113	Resp:	110730
Ion Ratio	Lower	Upper	
113	100		
111	102.5	82.0	123.0
192	22.4	18.3	27.5

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#36

1,1-Dichloropropene

Concen: 18.69 ug/l

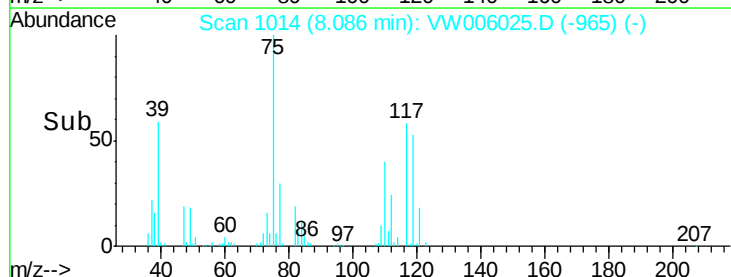
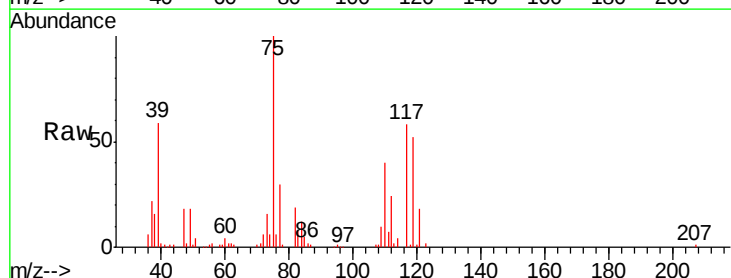
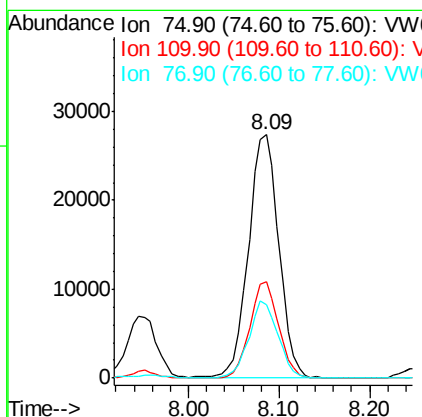
RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Tgt Ion:	75	Resp:	63600
Ion Ratio	Lower	Upper	
75	100		
110	37.3	18.6	56.0
77	30.5	24.7	37.1





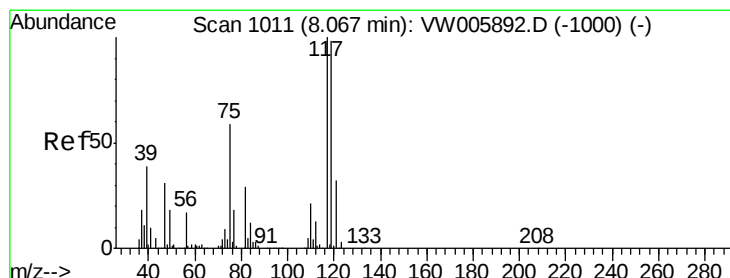
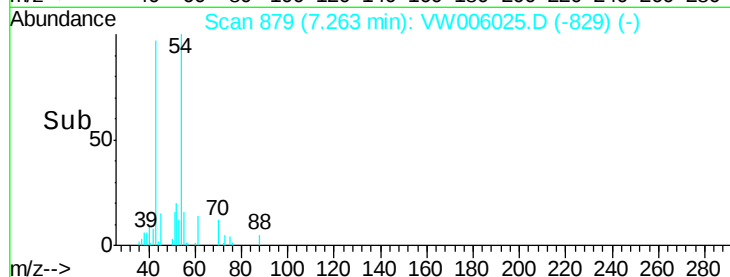
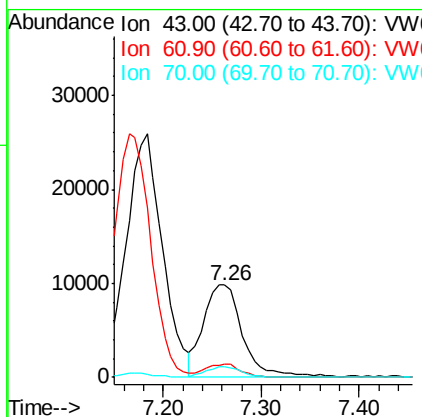
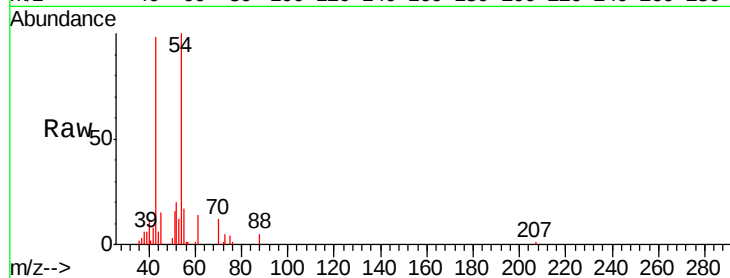
#37
Ethyl Acetate
Concen: 18.40 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

Instrument :
MSVOA_W
ClientSampleId :
VW1012SBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.6	16.0
70	10.9	8.6	13.0

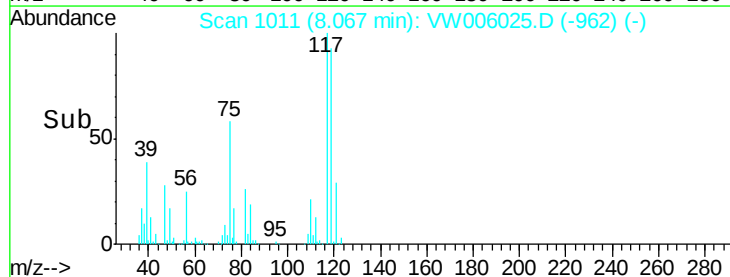
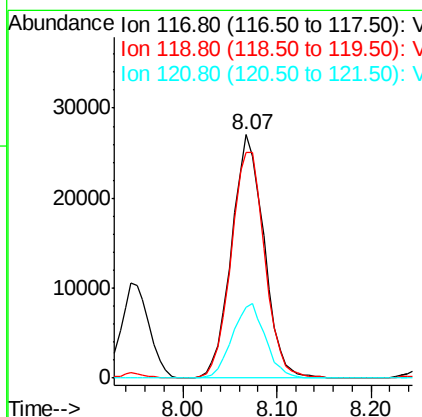
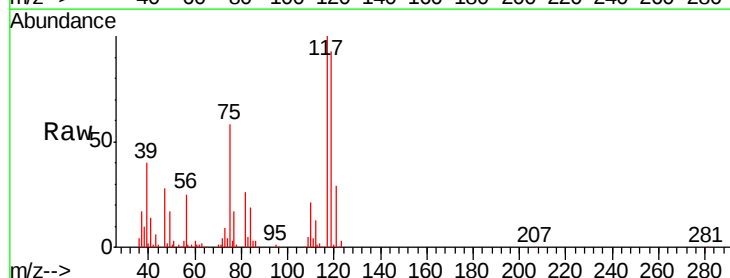
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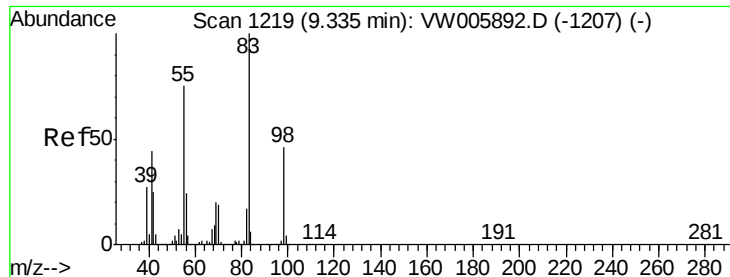
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#38
Carbon Tetrachloride
Concen: 17.82 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.8	78.6	117.8
121	29.1	25.3	37.9





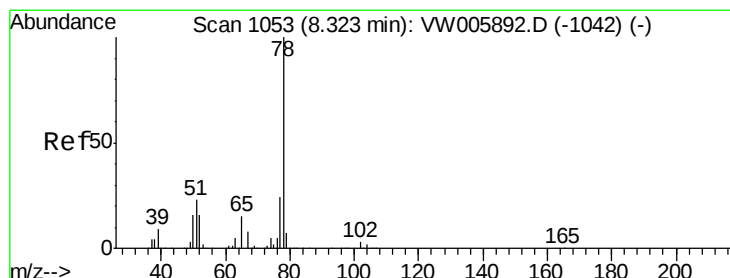
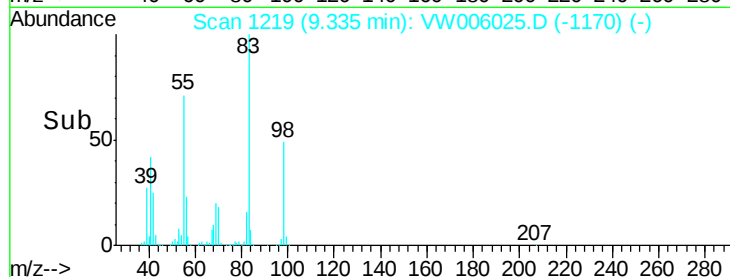
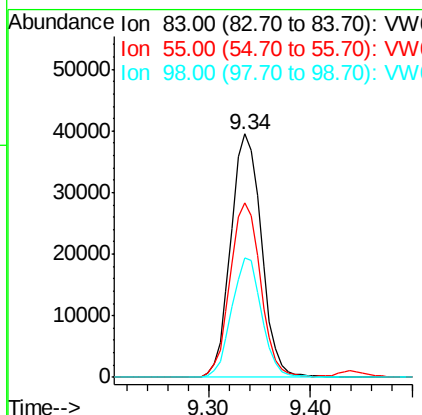
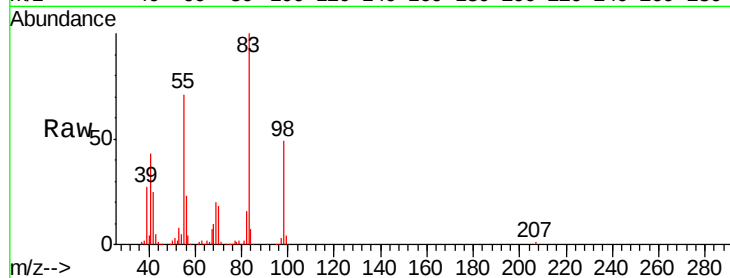
#39
Methylcyclohexane
Concen: 18.33 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

Instrument :
MSVOA_W
ClientSampleId :
VW1012SBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	71.3	59.8	89.6
98	49.2	37.1	55.7

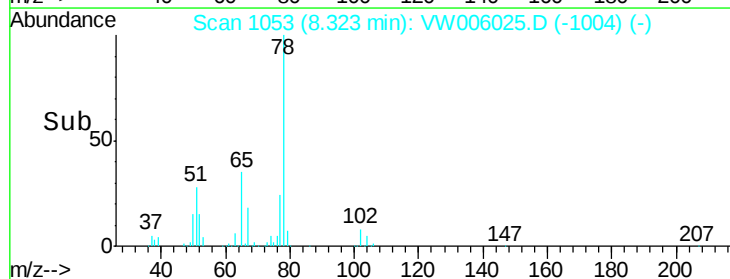
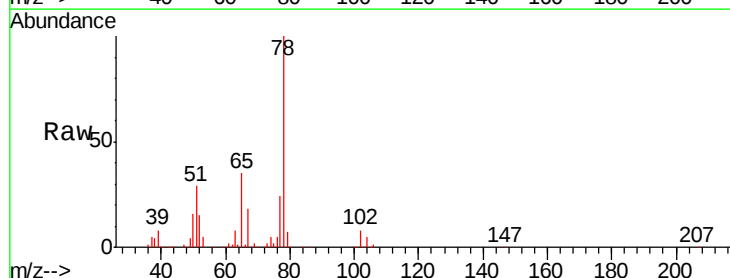
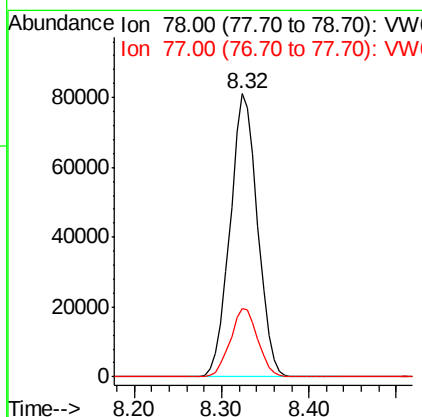
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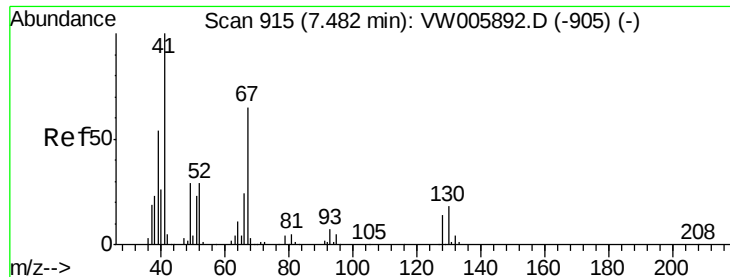
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#40
Benzene
Concen: 19.02 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.1	28.7





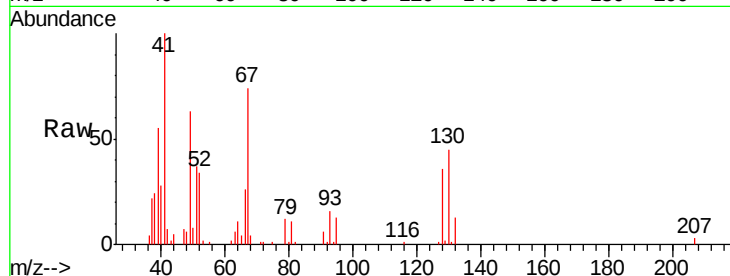
#41
Methacrylonitrile
Concen: 16.90 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

Instrument :
MSVOA_W
ClientSampleId :
VW1012SBSD01

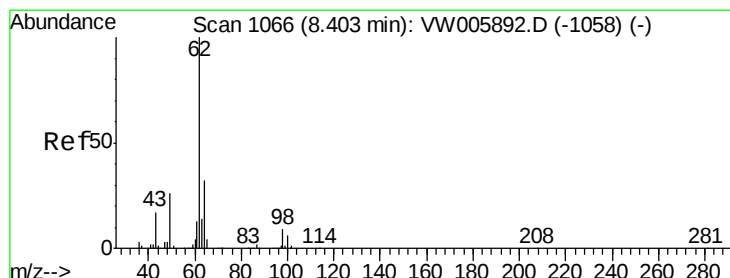
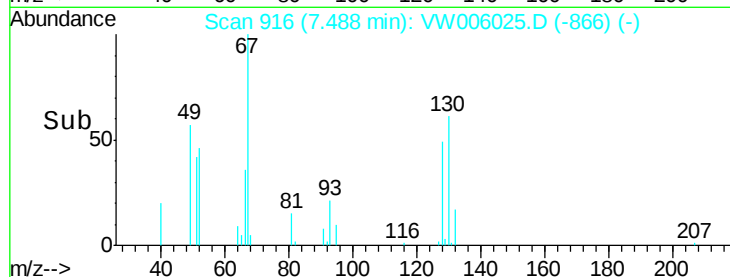
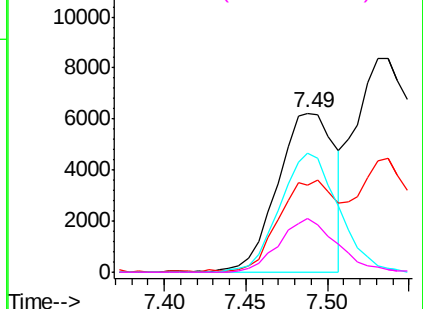
Tgt Ion	Ratio	Lower	Upper
41	100		
39	57.0	45.0	67.4
67	76.1	55.8	83.8
52	34.2	25.3	37.9

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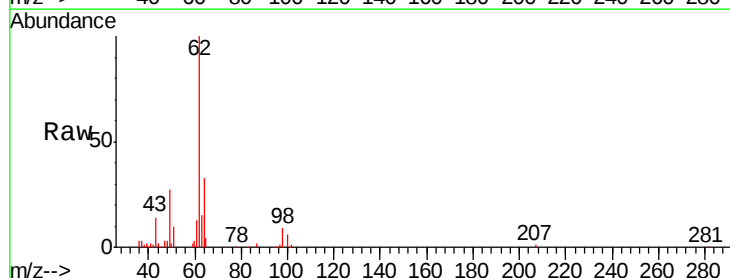


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

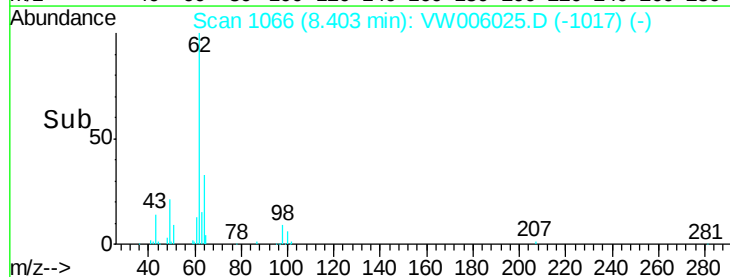
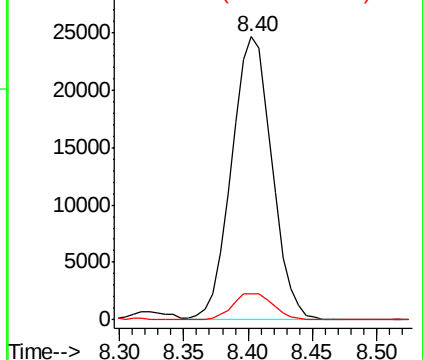


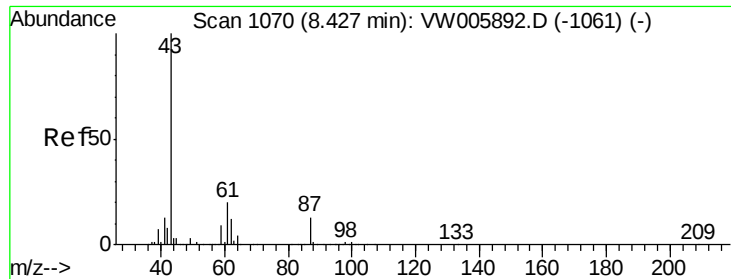
#42
1,2-Dichloroethane
Concen: 19.02 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.0



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





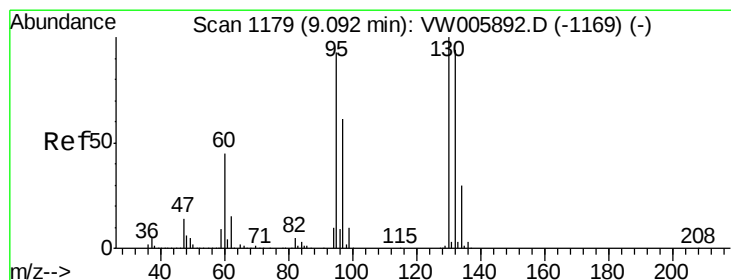
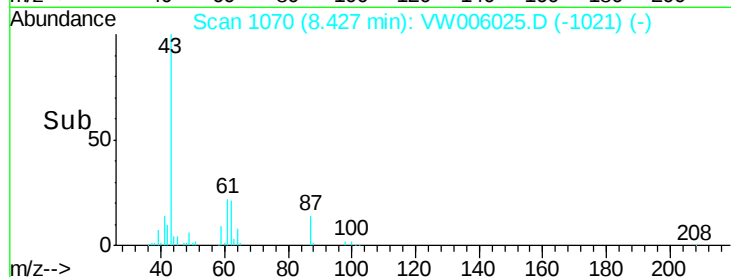
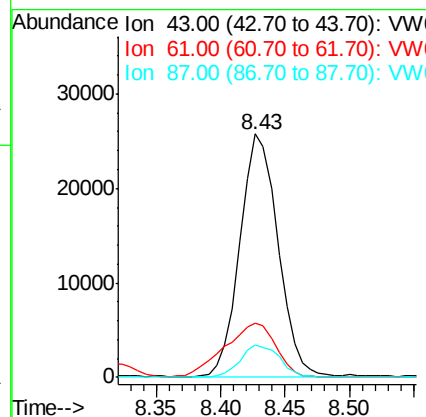
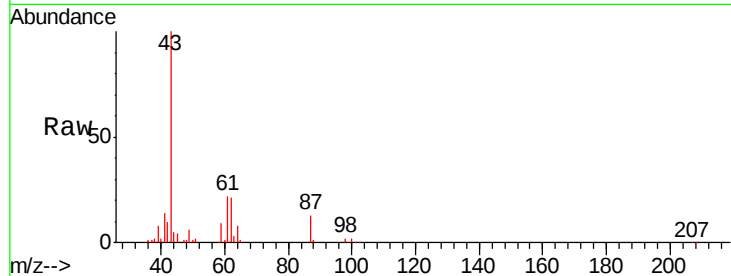
#43
Isopropyl Acetate
Concen: 17.53 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

Instrument :
MSVOA_W
ClientSampleId :
VW1012SBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	30.4	23.1	34.7
87	13.7	10.7	16.1

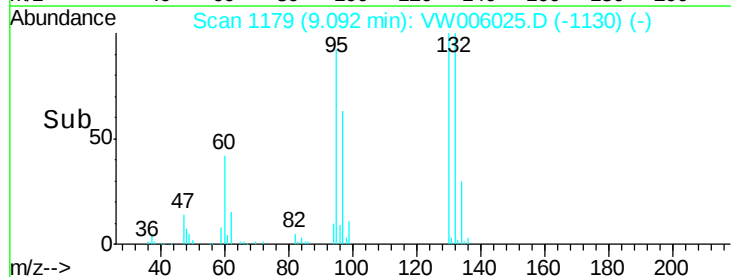
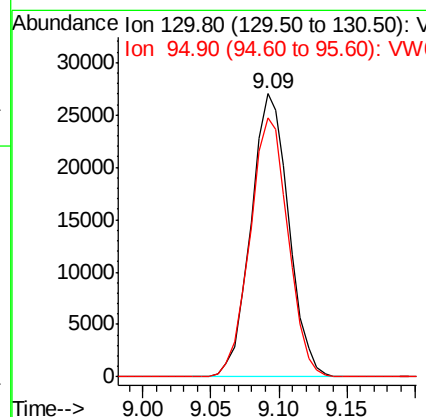
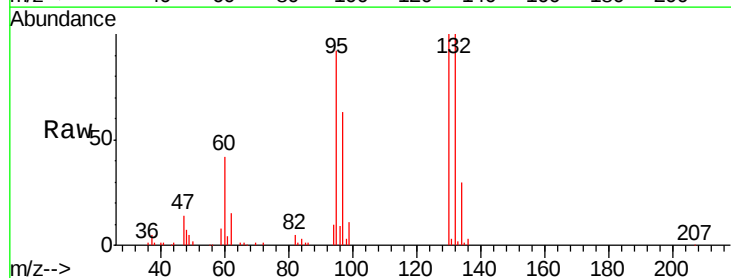
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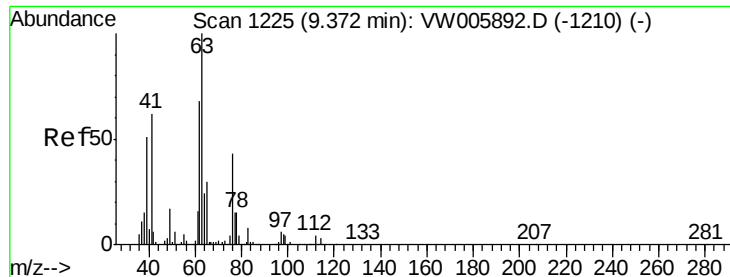
apatel
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#44
Trichloroethene
Concen: 19.49 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.7	0.0	185.6





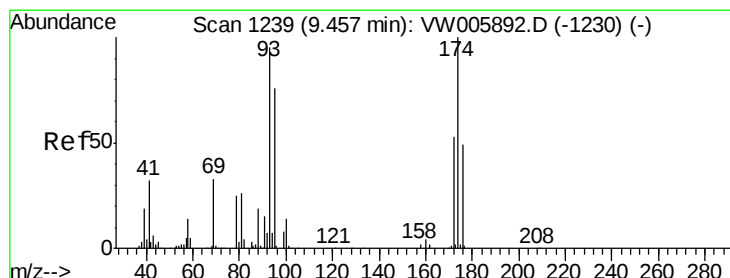
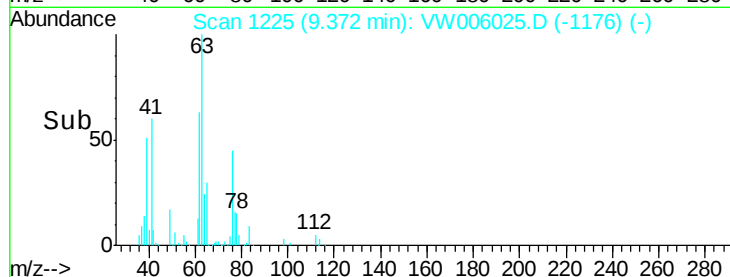
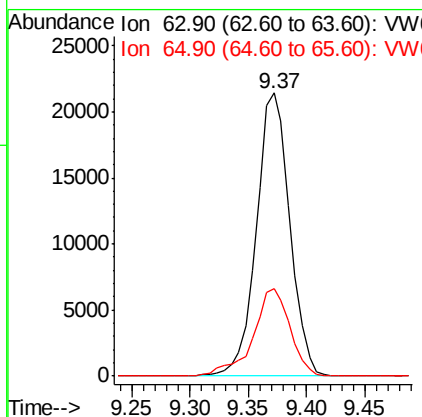
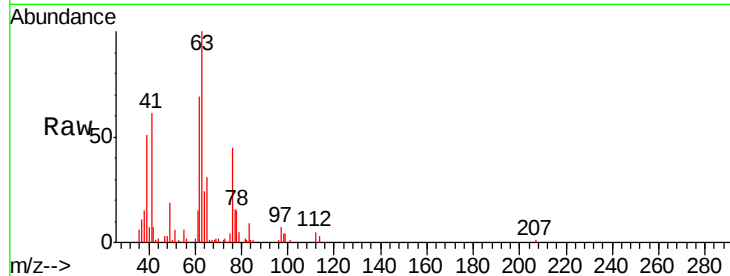
#45
 1,2-Dichloropropane
 Concen: 18.36 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW006025.D
 Acq: 11 Oct 2018 12:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1012SBSD01

Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.1	24.3	36.5

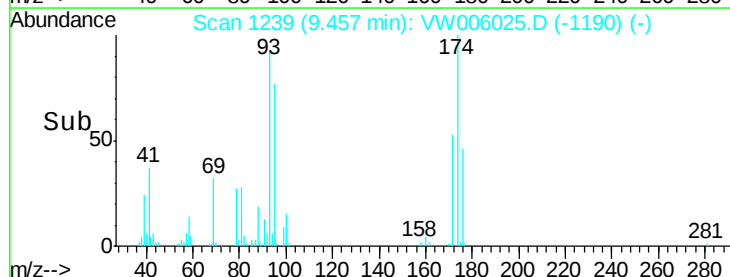
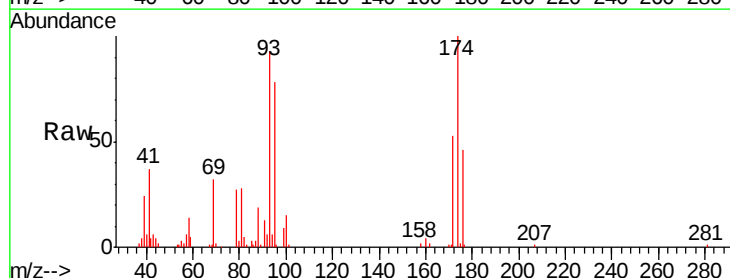
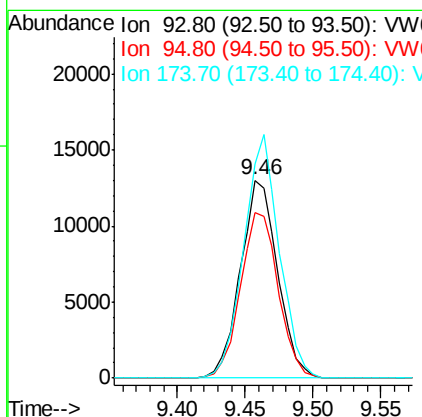
Manual Integrations
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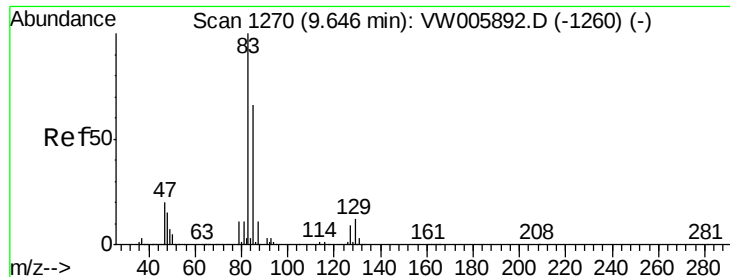
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#46
 Dibromomethane
 Concen: 19.38 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW006025.D
 Acq: 11 Oct 2018 12:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	85.5	66.6	99.8
174	117.9	90.4	135.6





#47

Bromodichloromethane

Concen: 17.99 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Instrument :

MSVOA_W

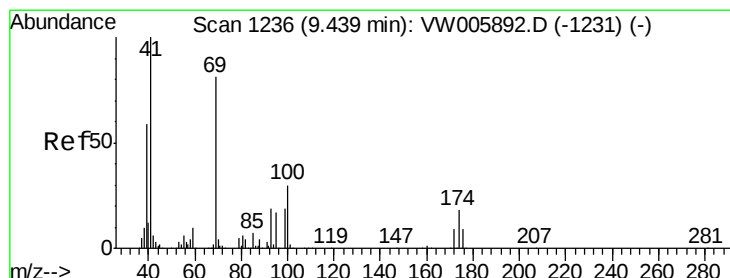
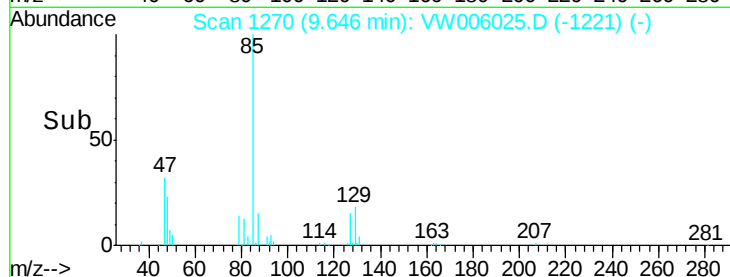
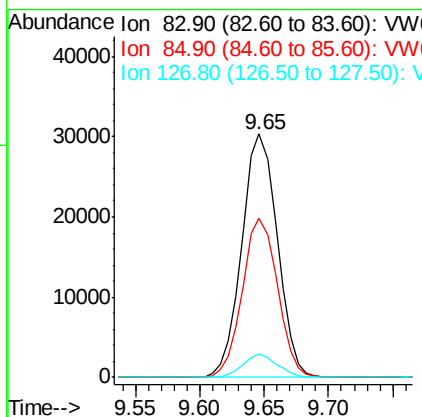
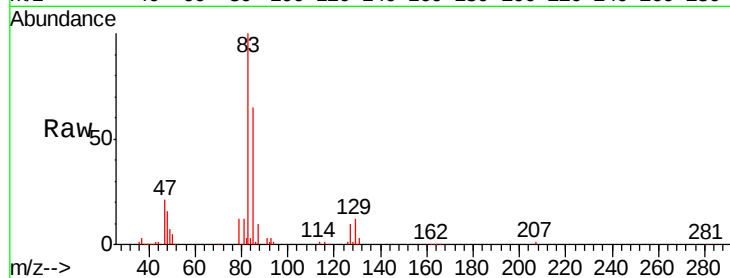
ClientSampleId :

VW1012SBSD01

Tgt Ion:	83	Resp:	57992
Ion	Ratio	Lower	Upper
83	100		
85	65.5	53.0	79.6
127	9.7	7.4	11.0

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#48

Methyl methacrylate

Concen: 16.93 ug/l

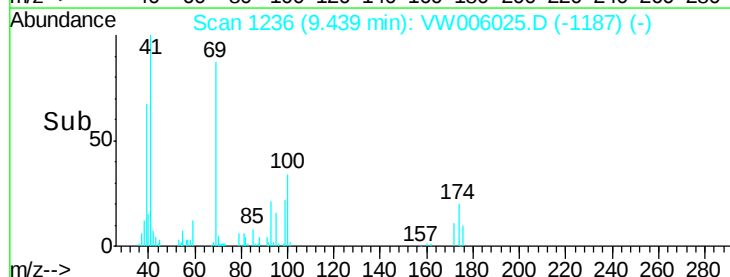
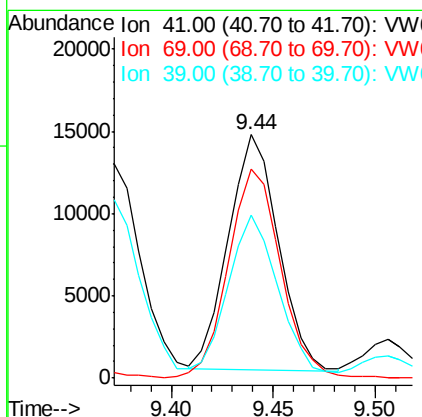
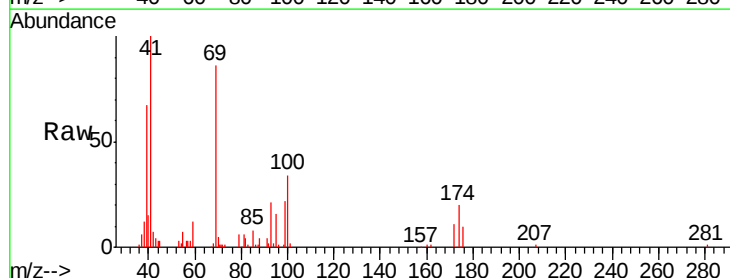
RT: 9.44 min Scan# 1236

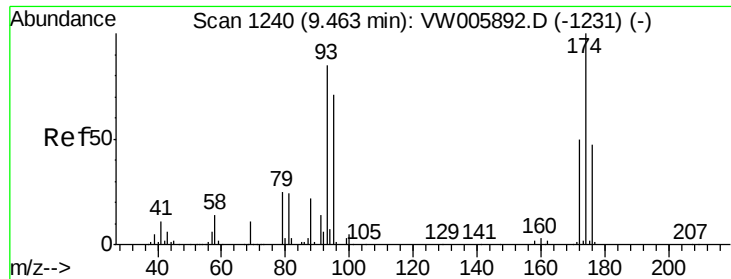
Delta R.T. -0.00 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Tgt Ion:	41	Resp:	24282
Ion	Ratio	Lower	Upper
41	100		
69	93.7	68.7	103.1
39	65.2	50.0	75.0





#49

1,4-Dioxane

Concen: 405.23 ug/l

RT: 9.47 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Instrument :

MSVOA_W

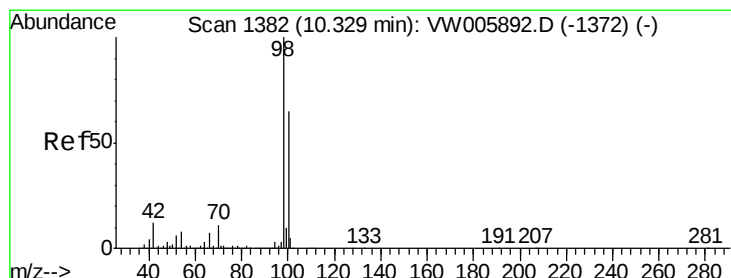
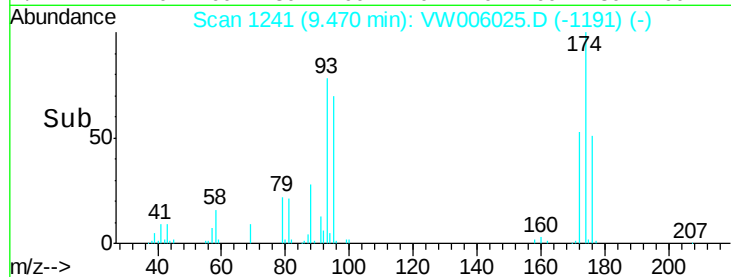
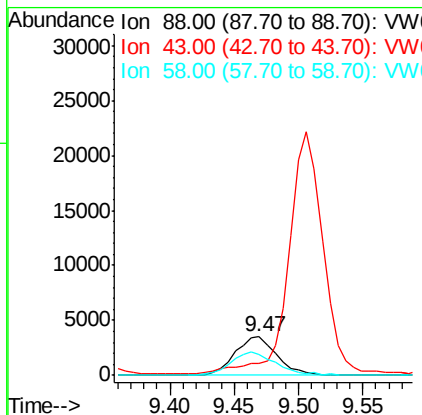
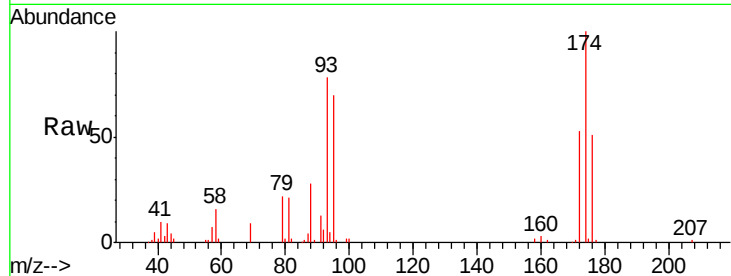
ClientSampleId :

VW1012SBSD01

Tgt Ion:	88	Resp:	7886
Ion Ratio	Lower	Upper	
88	100		
43	0.0	0.0	0.0
58	65.5	57.7	86.5

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#50

Toluene-d8

Concen: 48.68 ug/l

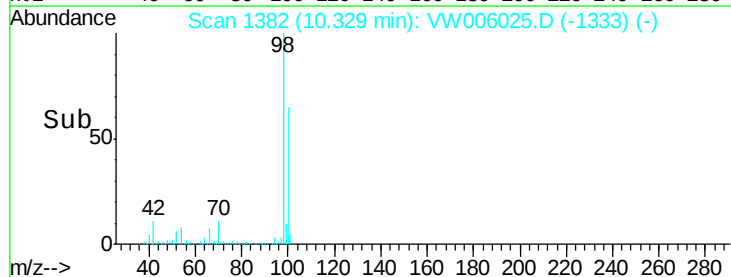
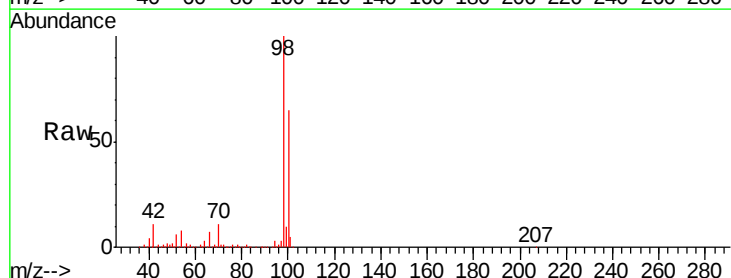
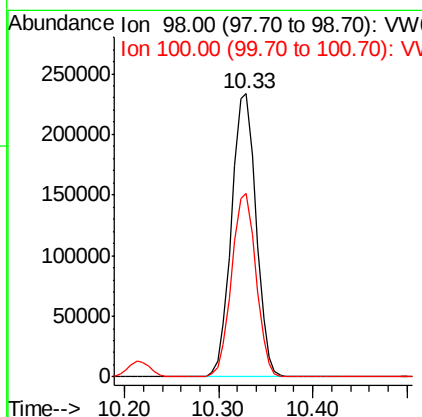
RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Tgt Ion:	98	Resp:	424628
Ion Ratio	Lower	Upper	
98	100		
100	64.5	51.9	77.9





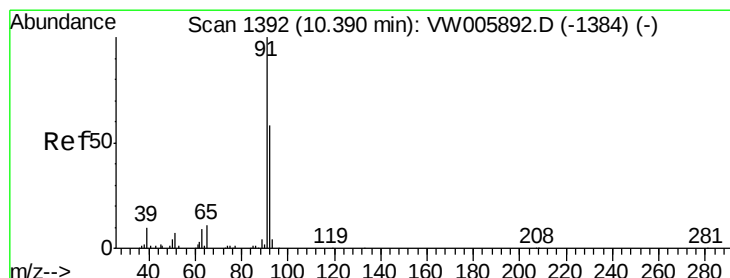
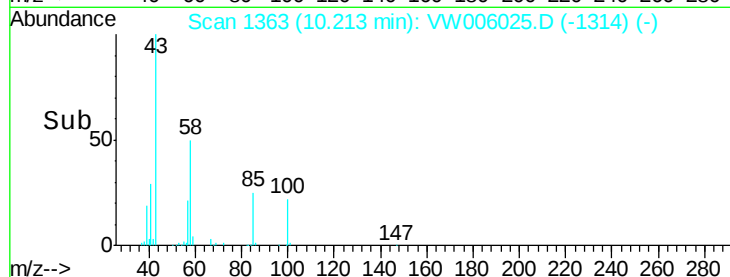
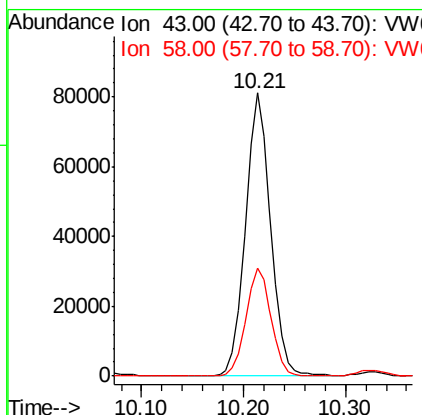
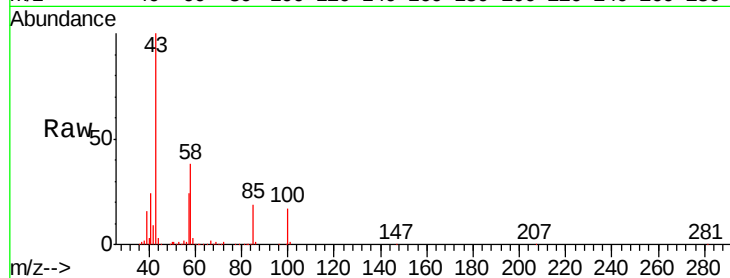
#51
 4-Methyl-2-Pentanone
 Concen: 94.27 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW006025.D
 Acq: 11 Oct 2018 12:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1012SBSD01

Tgt Ion: 43 Resp: 138171
 Ion Ratio Lower Upper
 43 100
 58 38.4 30.2 45.4

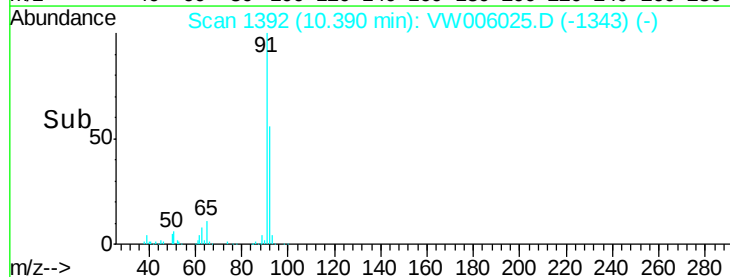
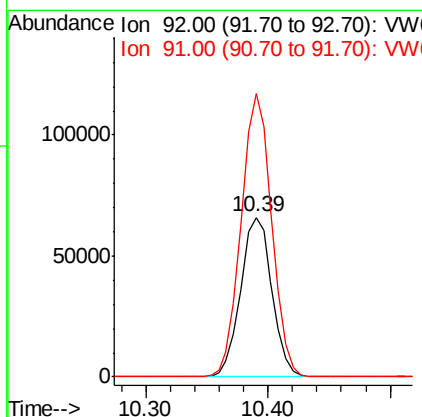
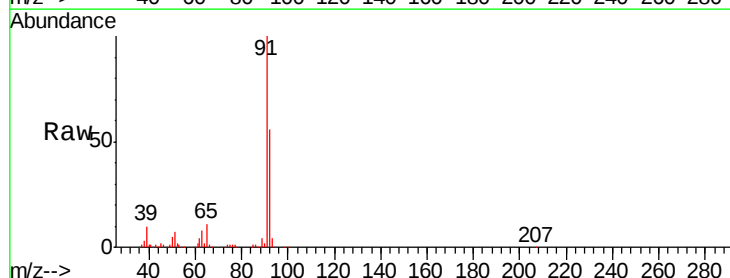
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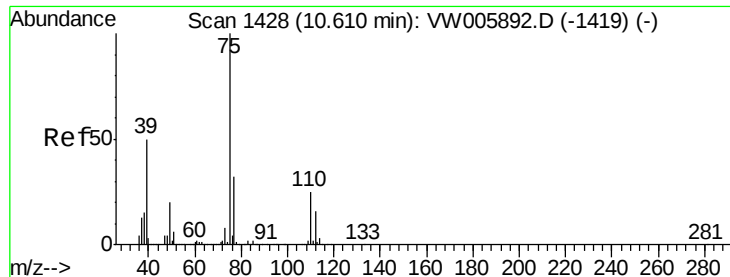
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#52
 Toluene
 Concen: 19.10 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW006025.D
 Acq: 11 Oct 2018 12:11

Tgt Ion: 92 Resp: 116849
 Ion Ratio Lower Upper
 92 100
 91 173.7 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 17.05 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Instrument :

MSVOA_W

ClientSampleId :

VW1012SBSD01

Tgt Ion: 75 Resp: 57428

Ion Ratio Lower Upper

75 100

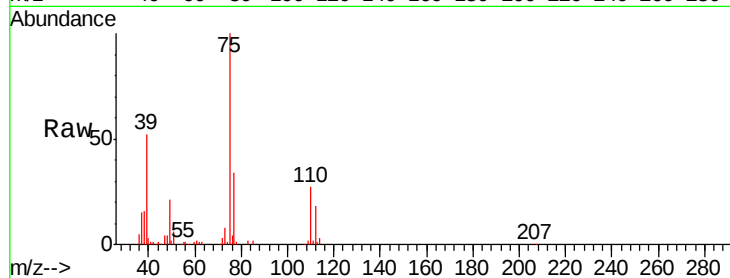
77 33.7 25.4 38.2

Manual Integrations

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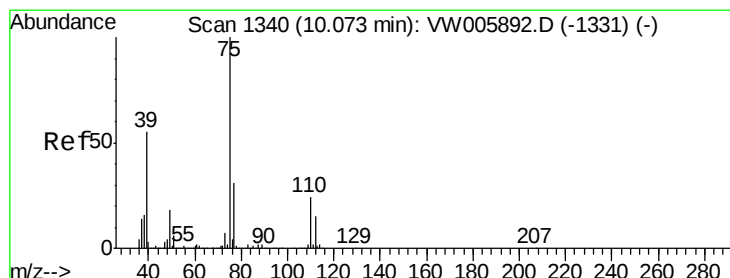
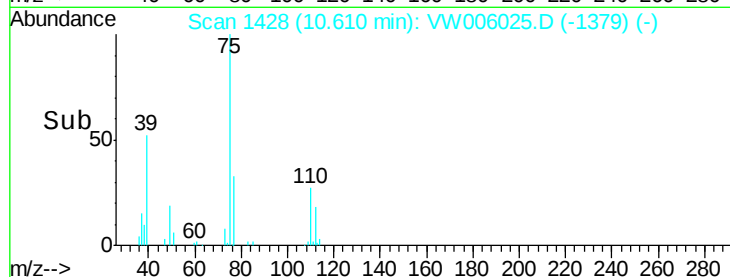
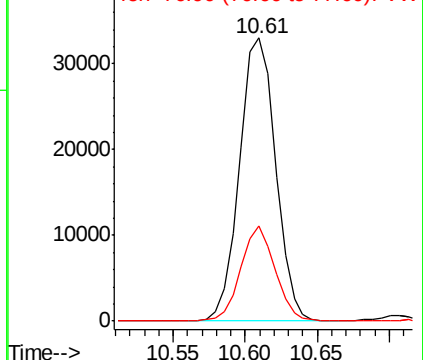
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Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 17.82 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

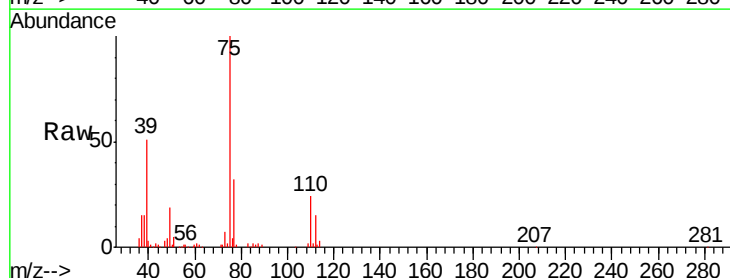
Tgt Ion: 75 Resp: 67472

Ion Ratio Lower Upper

75 100

77 31.8 24.6 37.0

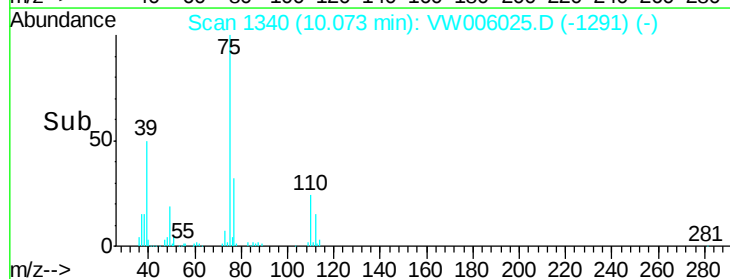
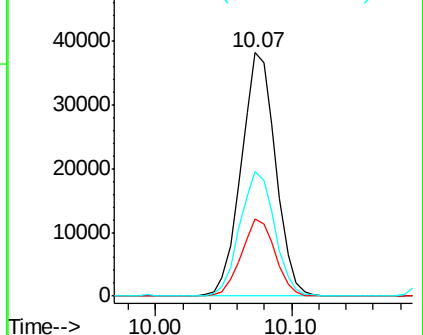
39 50.7 44.2 66.4

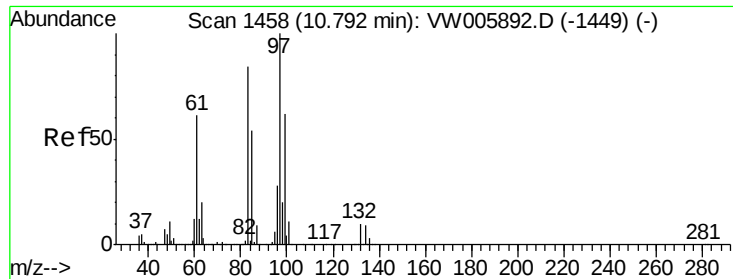


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW





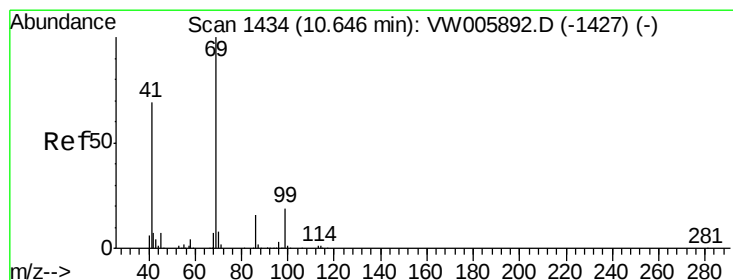
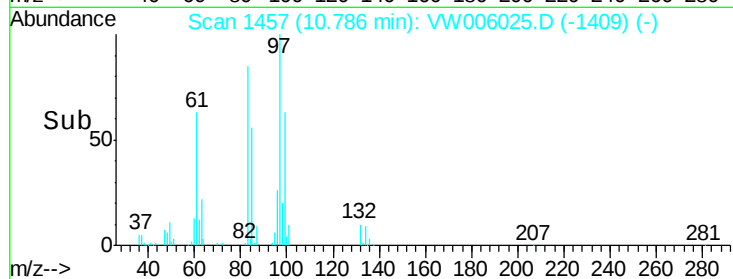
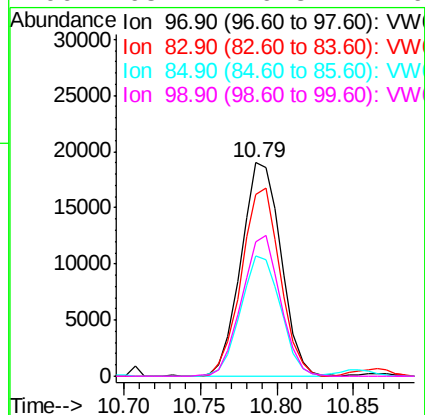
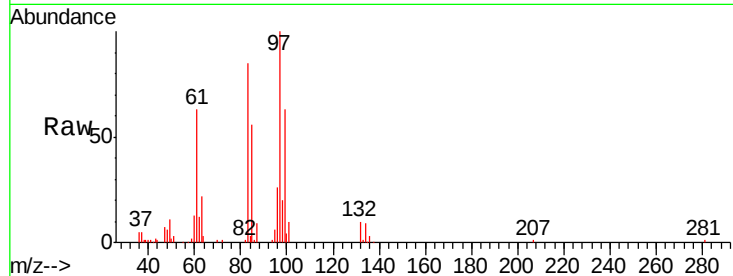
#55
 1,1,2-Trichloroethane
 Concen: 19.49 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW006025.D
 Acq: 11 Oct 2018 12:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1012SBSD01

Tgt Ion:	97	Resp:	34589
Ion	Ratio	Lower	Upper
97	100		
83	84.9	66.9	100.3
85	56.1	43.4	65.0
99	63.2	49.8	74.6

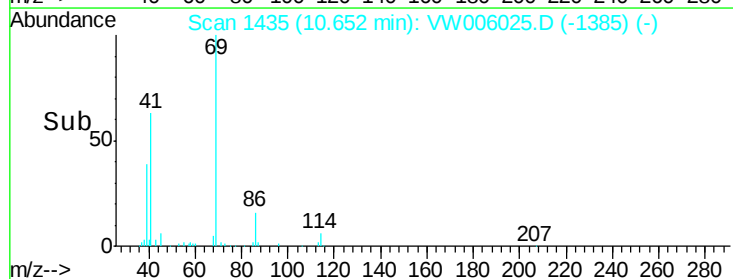
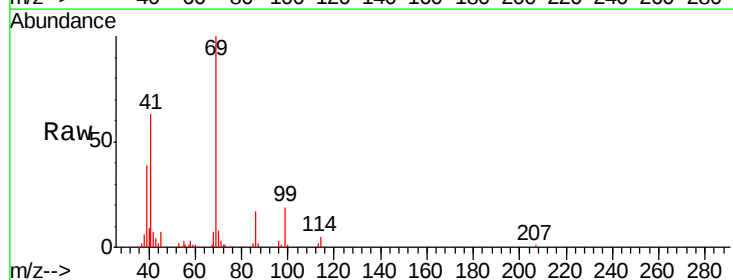
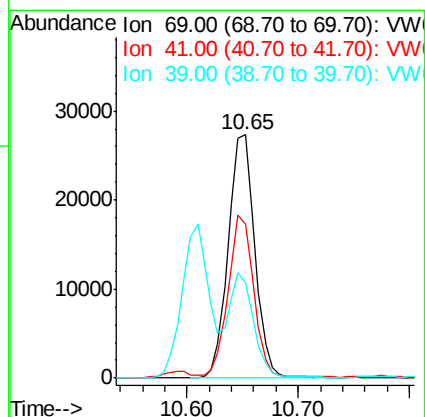
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#56
 Ethyl methacrylate
 Concen: 18.97 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: VW006025.D
 Acq: 11 Oct 2018 12:11

Tgt Ion:	69	Resp:	45361
Ion	Ratio	Lower	Upper
69	100		
41	63.9	56.0	84.0
39	40.3	33.5	50.3





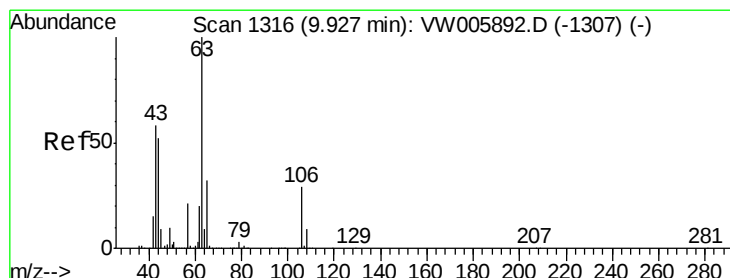
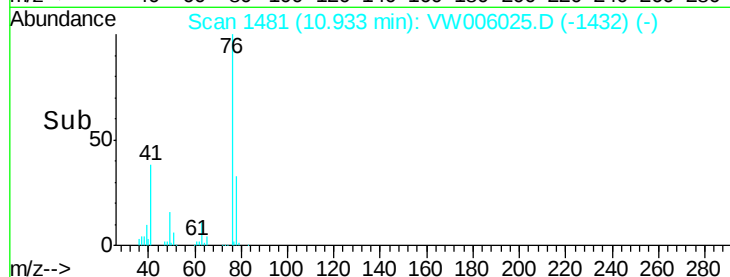
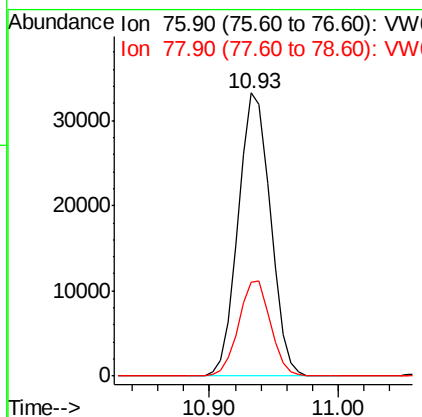
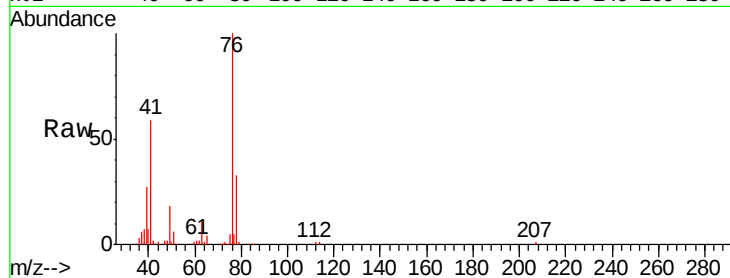
#57
 1,3-Dichloropropane
 Concen: 19.33 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW006025.D
 Acq: 11 Oct 2018 12:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1012SBSD01

Tgt Ion	Ratio	Lower	Upper
76	100		
78	33.3	25.8	38.6

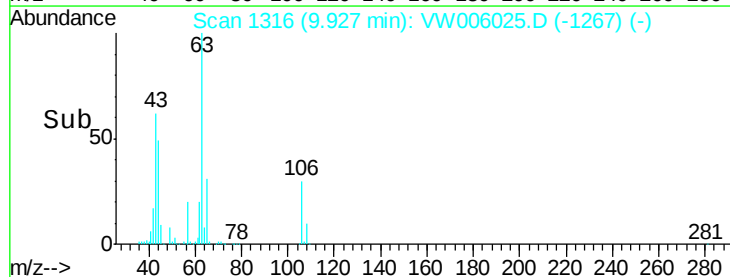
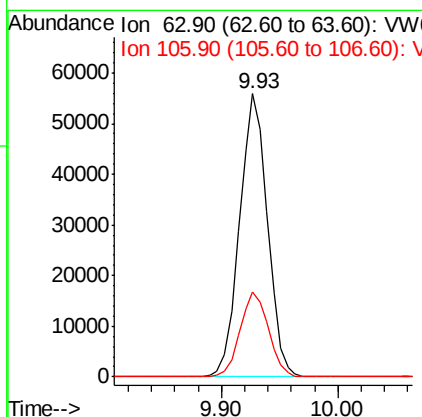
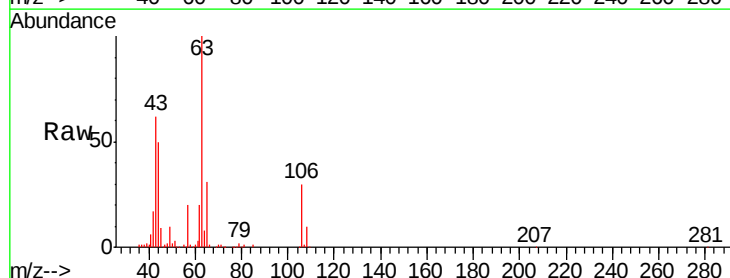
Manual Integrations
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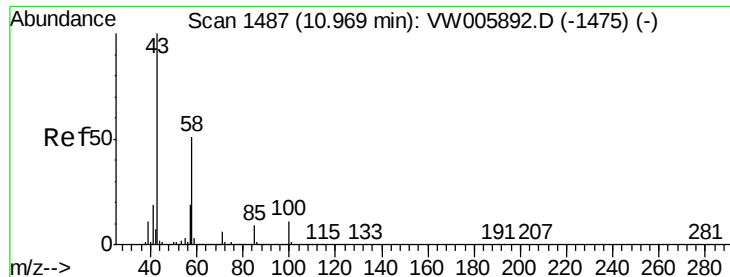
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#58
 2-Chloroethyl Vinyl ether
 Concen: 95.77 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW006025.D
 Acq: 11 Oct 2018 12:11

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.6	23.6	35.4





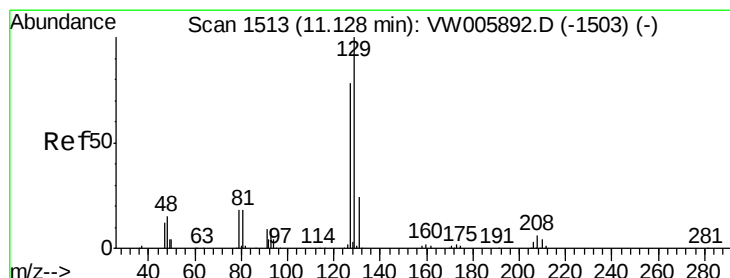
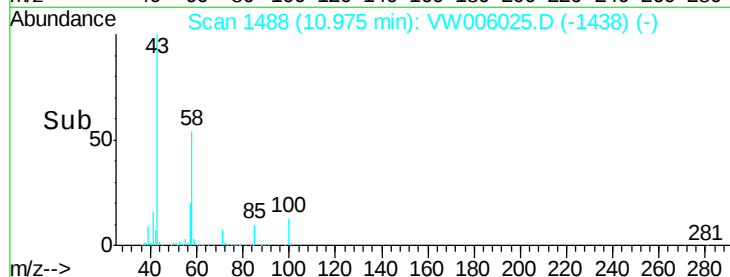
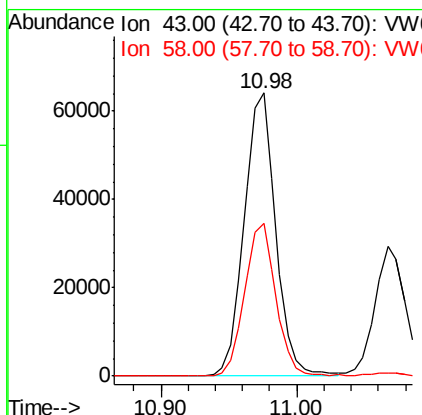
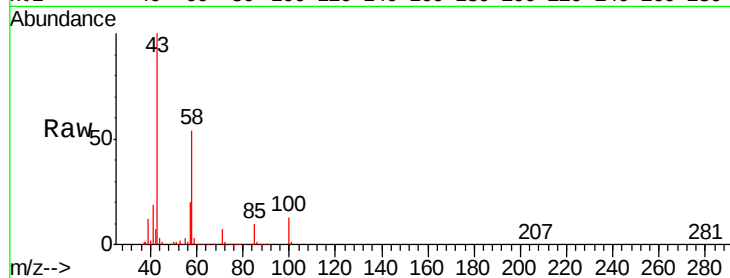
#59
2-Hexanone
Concen: 98.47 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

Instrument :
MSVOA_W
ClientSampleId :
VW1012SBSD01

Tgt Ion: 43 Resp: 103486
Ion Ratio Lower Upper
43 100
58 53.6 25.7 77.1

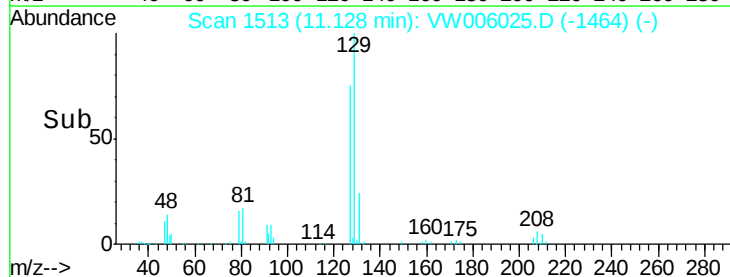
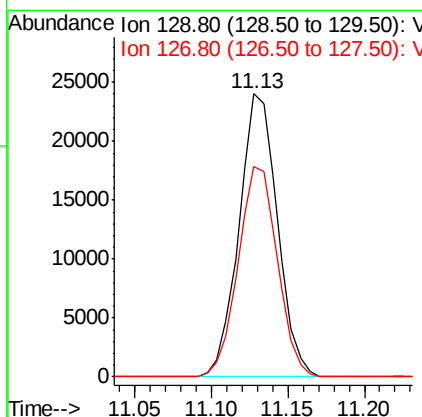
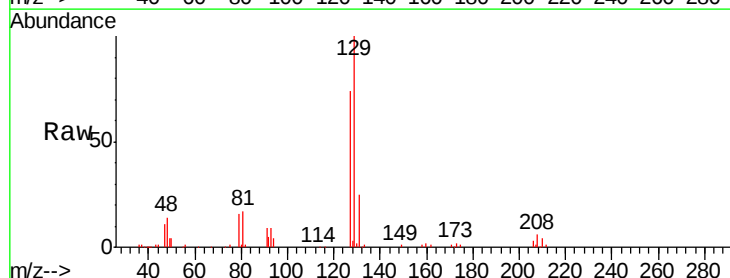
Manual Integrations
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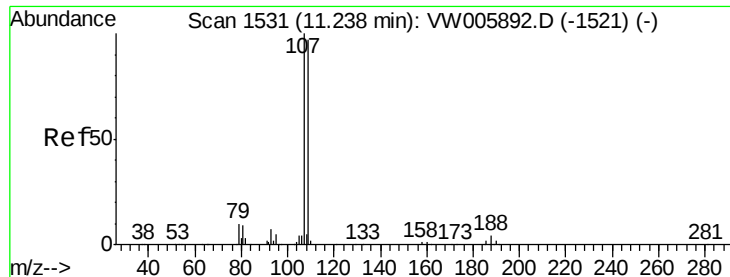
apatel
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#60
Dibromochloromethane
Concen: 18.29 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

Tgt Ion: 129 Resp: 41886
Ion Ratio Lower Upper
129 100
127 75.9 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.56 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Instrument :

MSVOA_W

ClientSampleId :

VW1012SBSD01

Tgt Ion: 107 Resp: 34683

Ion Ratio Lower Upper

107 100

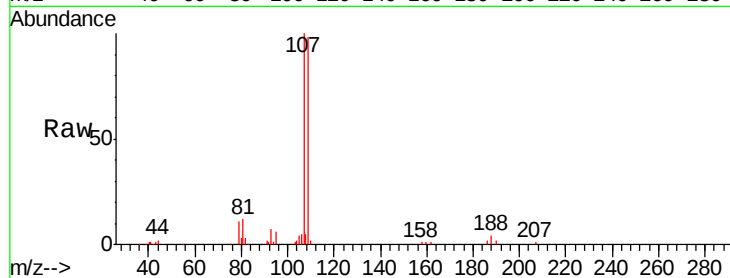
109 95.7 75.8 113.8

Manual Integrations

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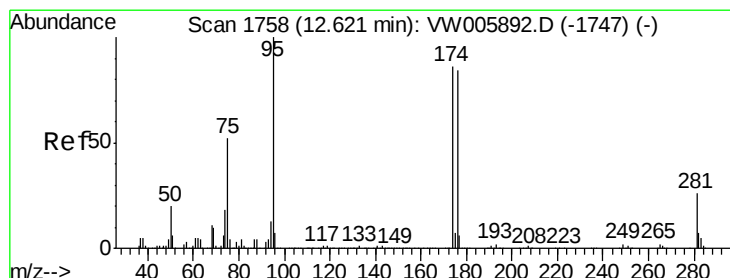
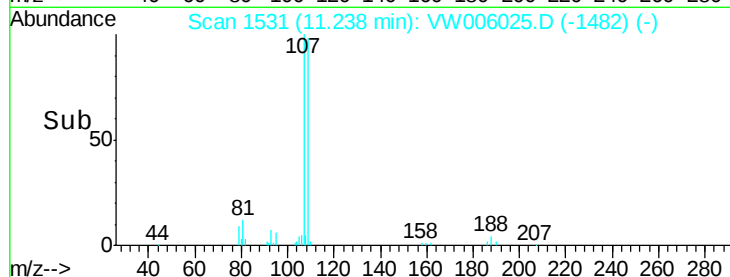
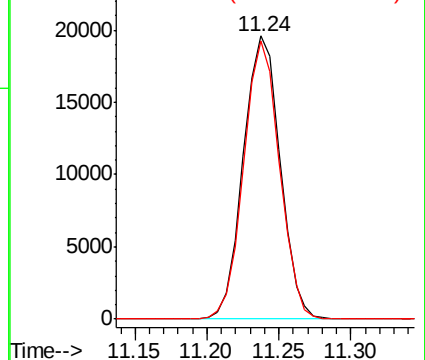
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.89 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

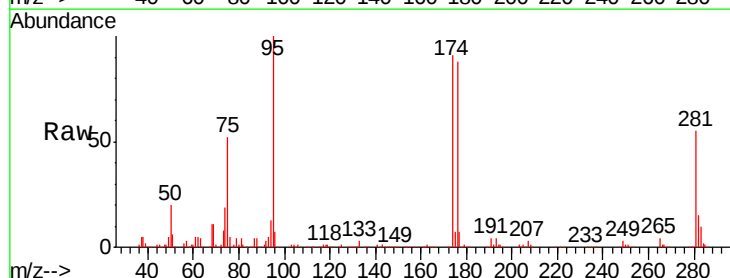
Tgt Ion: 95 Resp: 158918

Ion Ratio Lower Upper

95 100

174 93.3 0.0 176.4

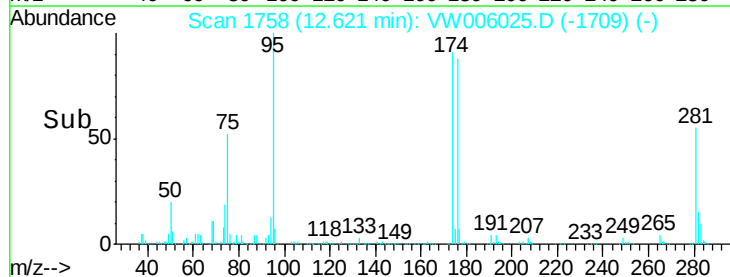
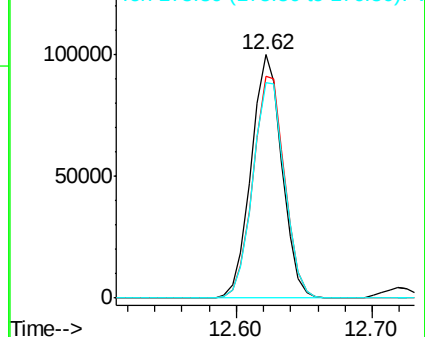
176 91.6 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





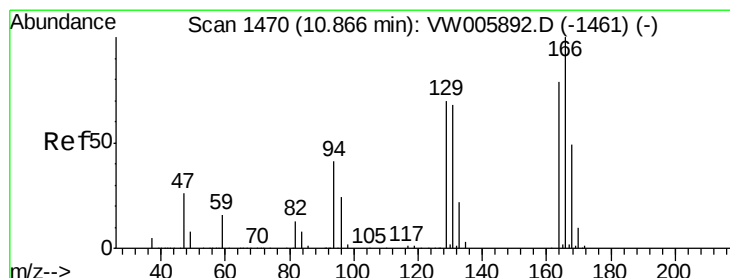
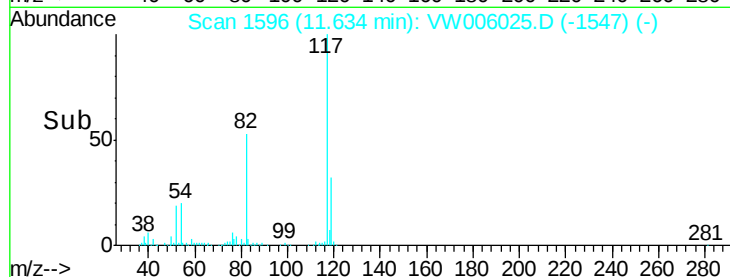
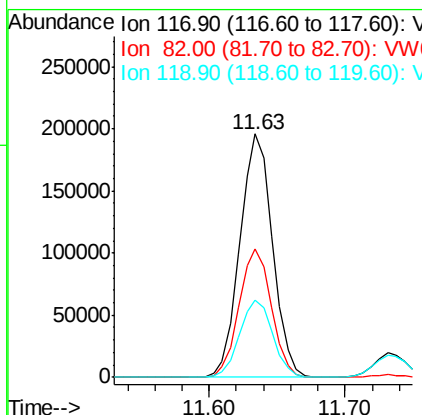
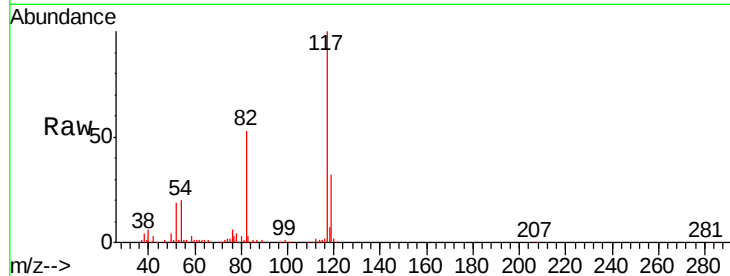
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

Instrument :
MSVOA_W
ClientSampleId :
VW1012SBSD01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.0	43.5	65.3
119	31.9	25.4	38.2

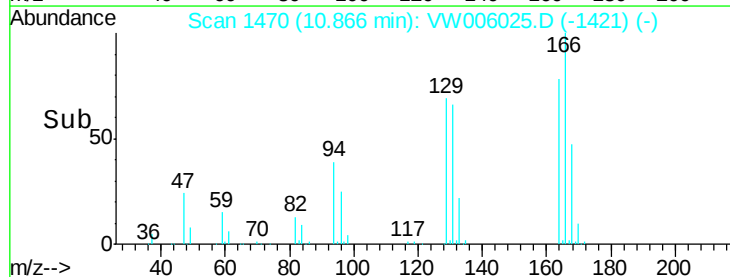
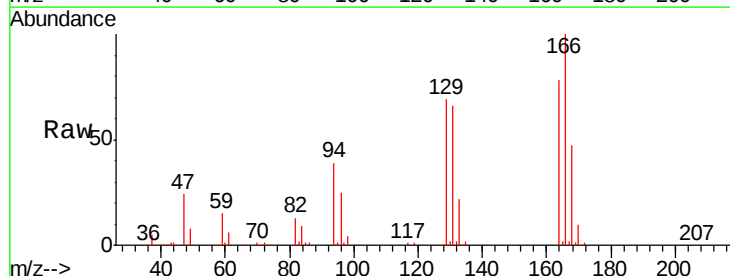
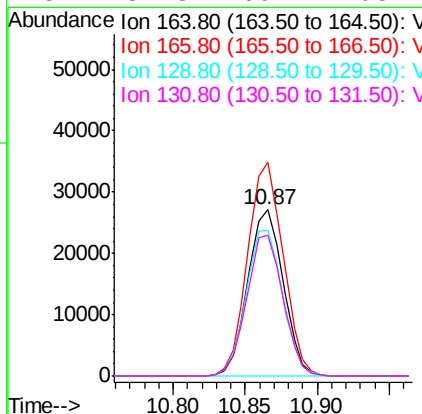
Manual Integrations
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#64
Tetrachloroethene
Concen: 18.98 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.6	101.5	152.3
129	88.2	71.1	106.7
131	84.8	69.1	103.7





#65

Chlorobenzene

Concen: 19.56 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Instrument :

MSVOA_W

ClientSampleId :

VW1012SBSD01

Tgt Ion:112 Resp: 137219

Ion Ratio Lower Upper

112 100

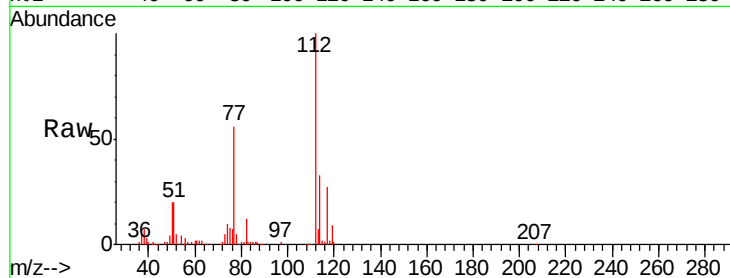
114 32.8 25.6 38.4

Manual Integrations

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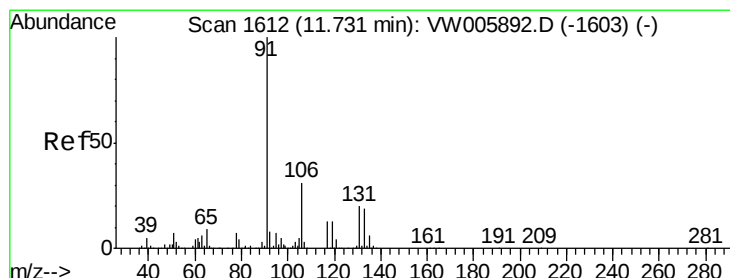
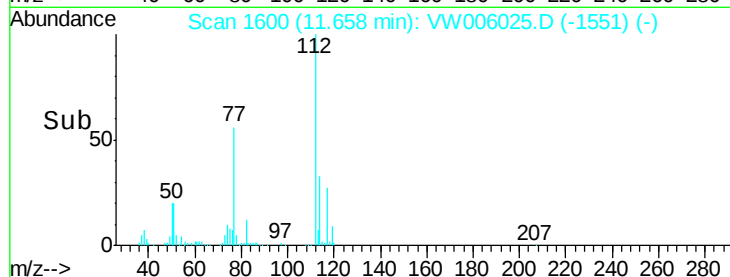
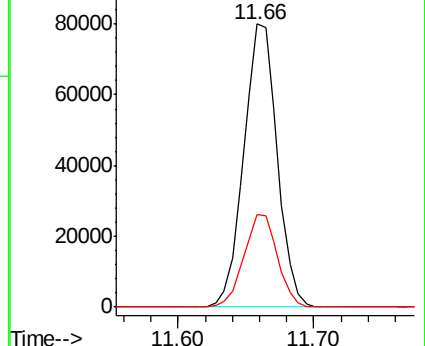
apatel

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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: 18.85 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

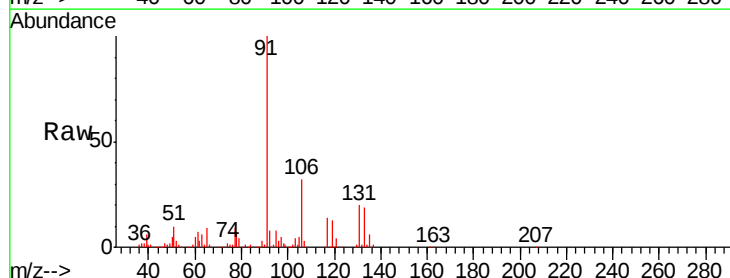
Tgt Ion:131 Resp: 48471

Ion Ratio Lower Upper

131 100

133 93.7 48.2 144.6

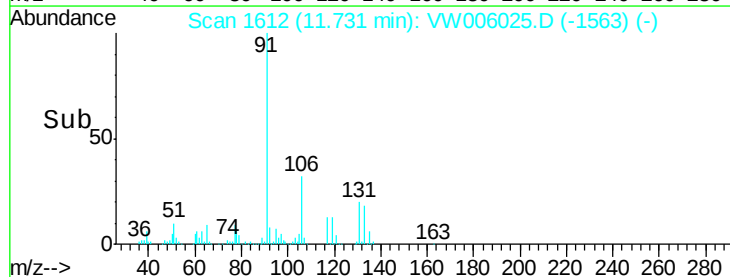
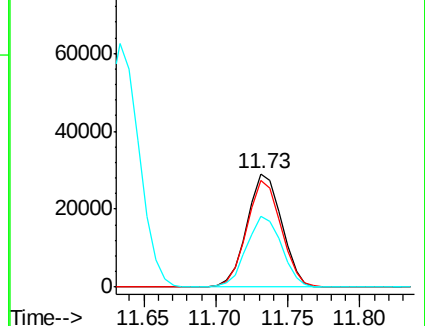
119 63.4 32.5 97.5

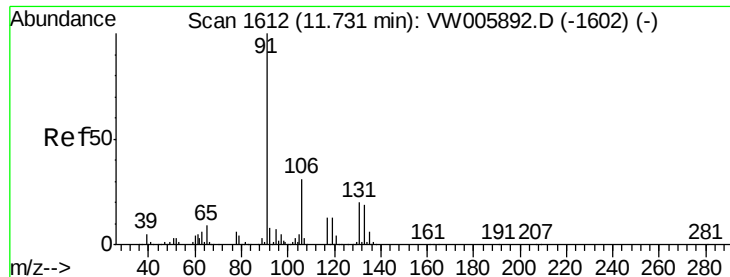


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





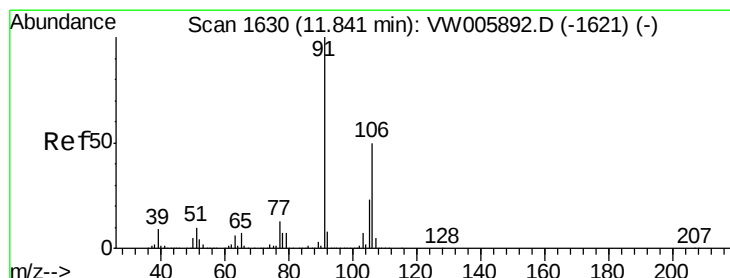
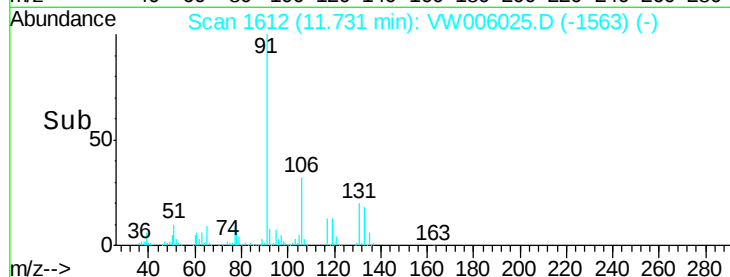
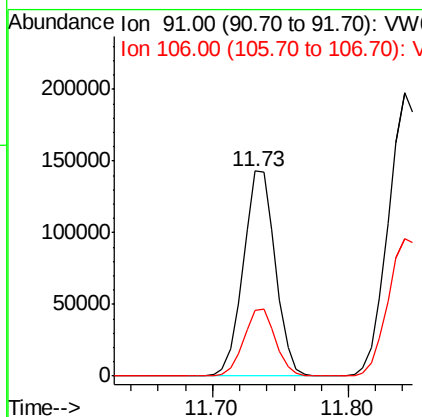
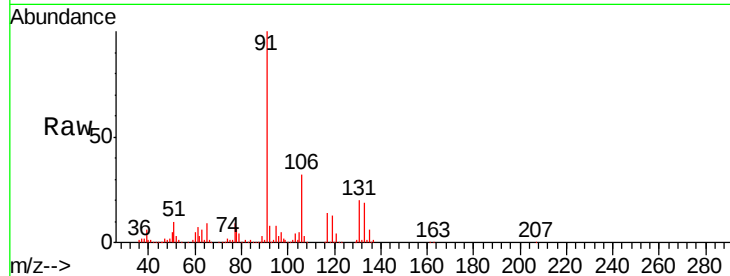
#67
Ethyl Benzene
Concen: 19.05 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

Instrument :
MSVOA_W
ClientSampleId :
VW1012SBSD01

Tgt Ion: 91 Resp: 236014
Ion Ratio Lower Upper
91 100
106 31.9 25.0 37.6

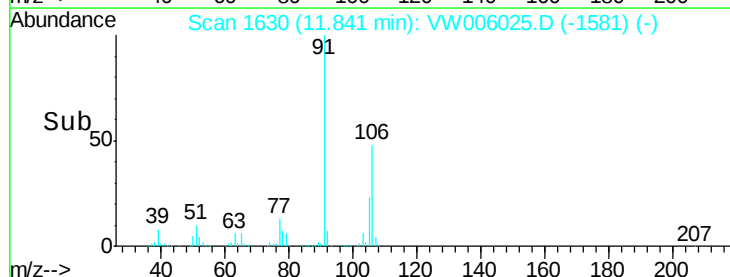
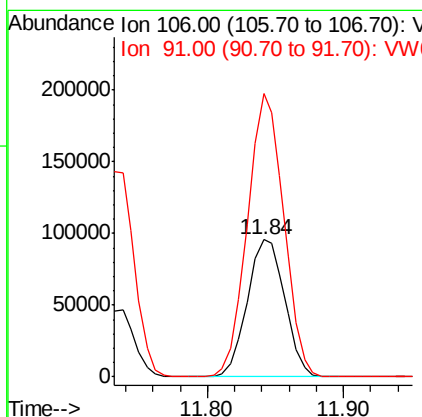
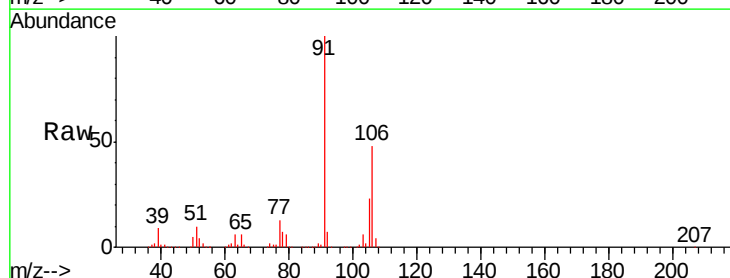
Manual Integrations
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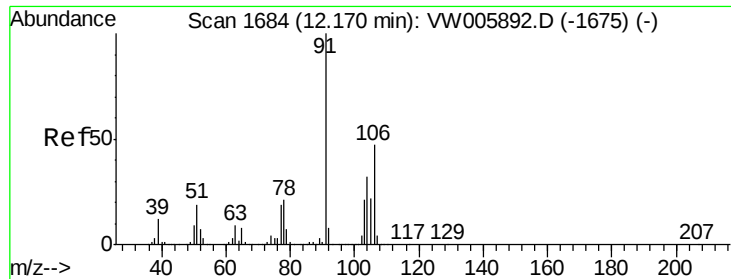
apatel
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#68
m/p-Xylenes
Concen: 38.28 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

Tgt Ion: 106 Resp: 185307
Ion Ratio Lower Upper
106 100
91 200.0 160.2 240.2





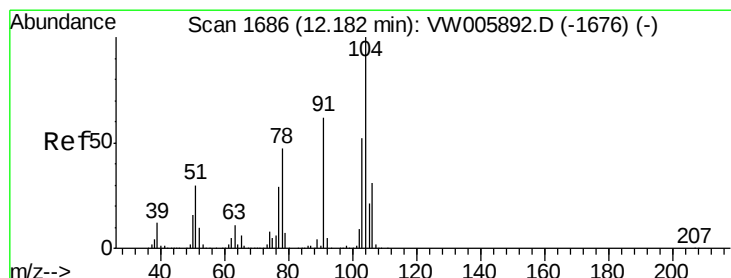
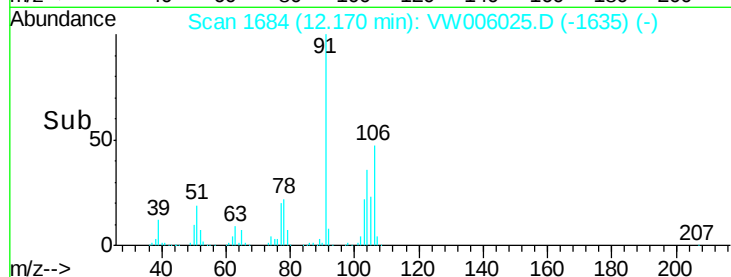
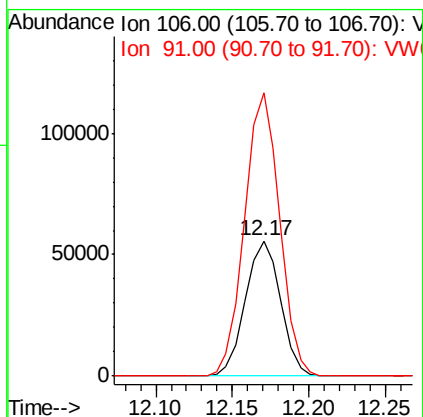
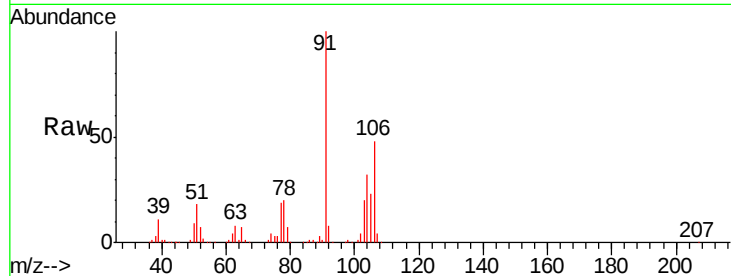
#69
o-Xylene
Concen: 19.27 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

Instrument :
MSVOA_W
ClientSampleId :
VW1012SBSD01

Tgt Ion:106 Resp: 89332
Ion Ratio Lower Upper
106 100
91 208.2 106.2 318.5

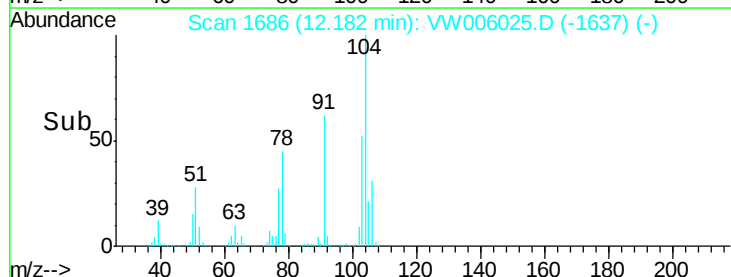
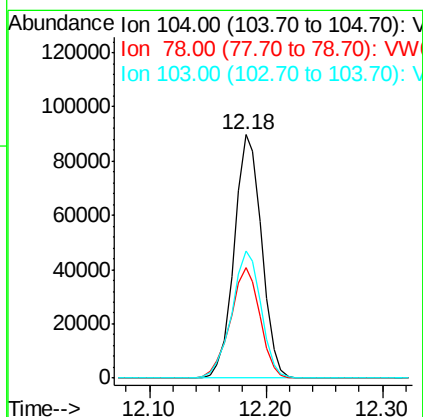
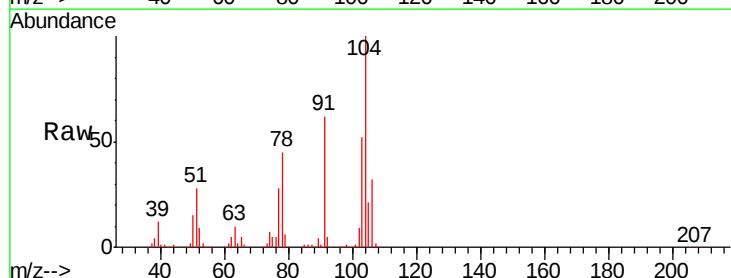
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#70
Styrene
Concen: 19.15 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

Tgt Ion:104 Resp: 147256
Ion Ratio Lower Upper
104 100
78 49.0 40.4 60.6
103 55.5 44.2 66.2





#71

Bromoform

Concen: 16.69 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Instrument :

MSVOA_W

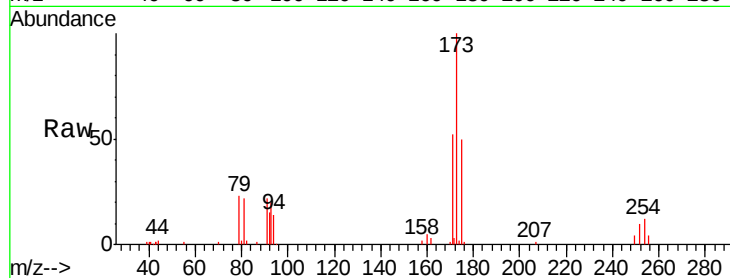
ClientSampleId :

VW1012SBSD01

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.7	74.1
254	0.0	0.2	0.2

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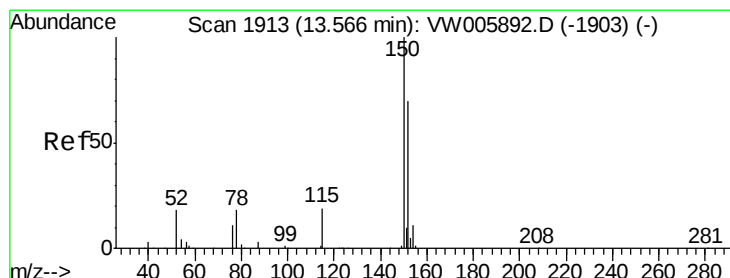
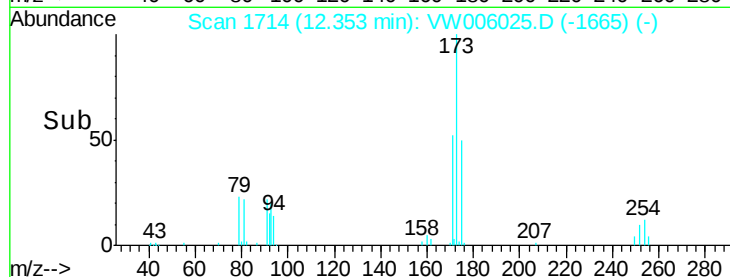
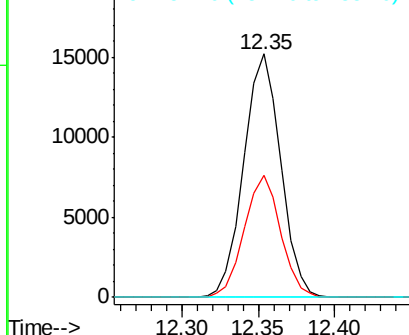


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

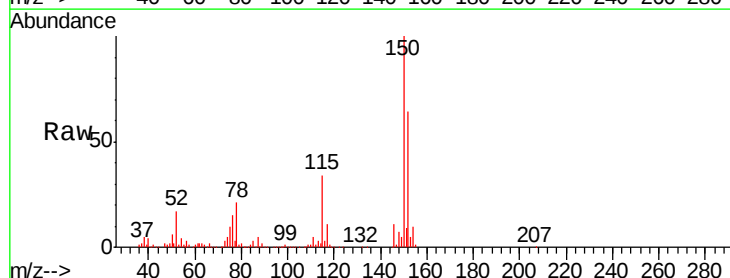
RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.8	28.3	85.0
150	163.5	0.0	349.2

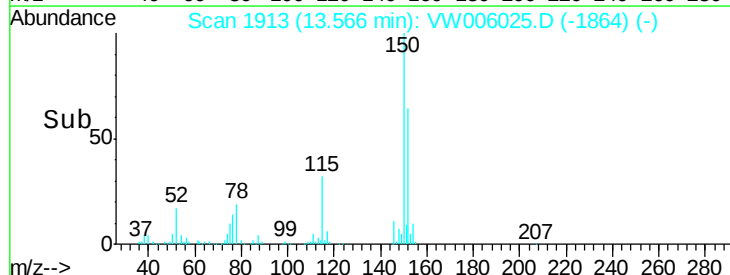
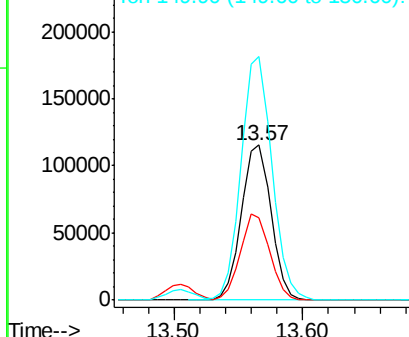


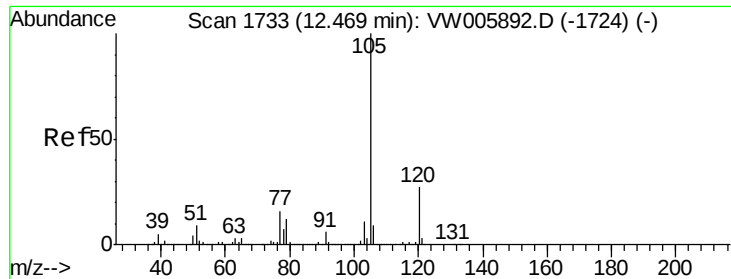
Abundance

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: 18.56 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Instrument :

MSVOA_W

ClientSampleId :

VW1012SBSD01

Tgt Ion: 105 Resp: 249047

Ion Ratio Lower Upper

105 100

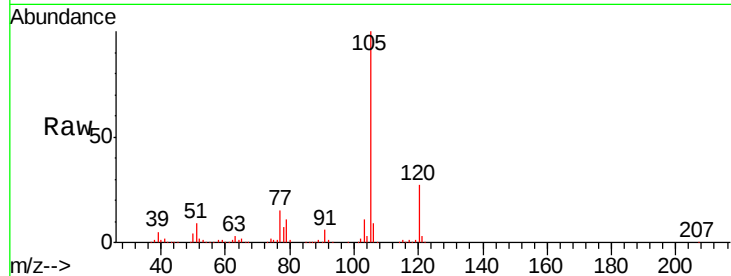
120 27.0 13.6 40.8

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

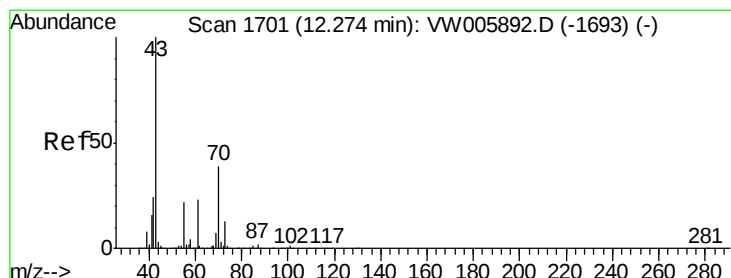
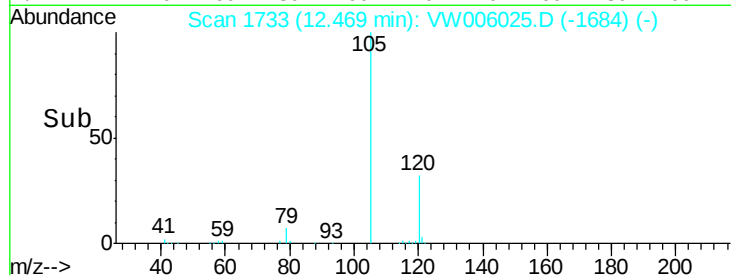
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 16.96 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.01 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Tgt Ion: 43 Resp: 54050

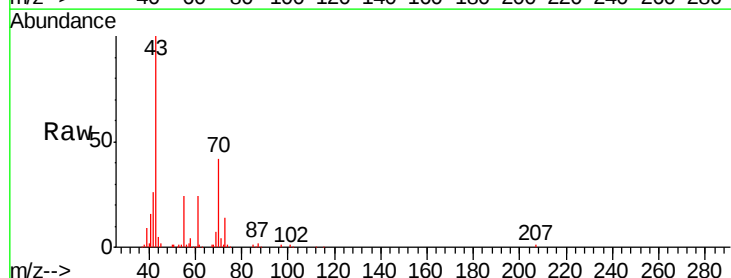
Ion Ratio Lower Upper

43 100

70 42.2 31.6 47.4

55 23.9 17.9 26.9

61 24.5 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

12.28

50000

40000

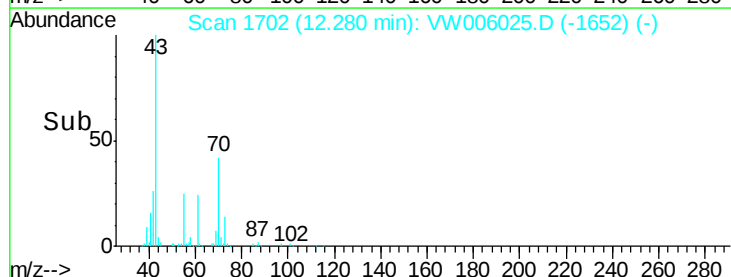
30000

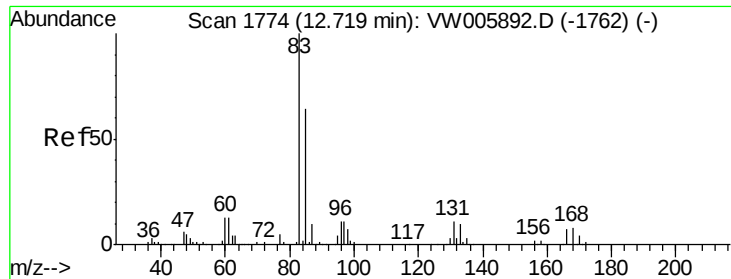
20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.10 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Instrument :

MSVOA_W

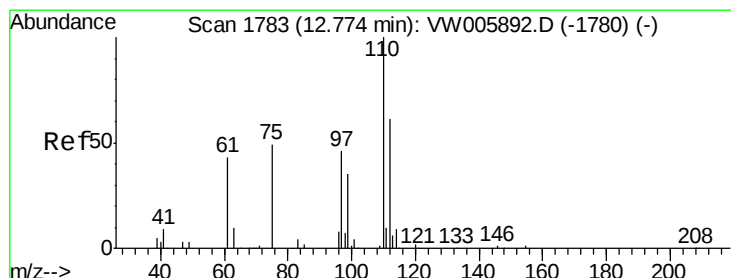
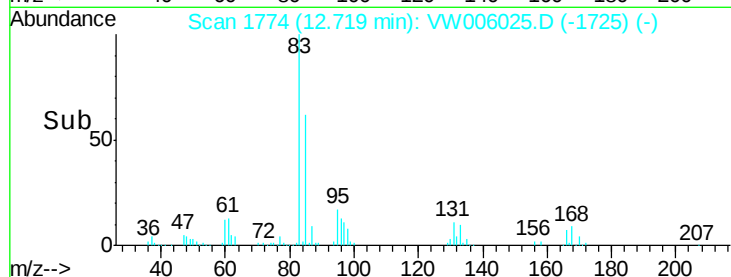
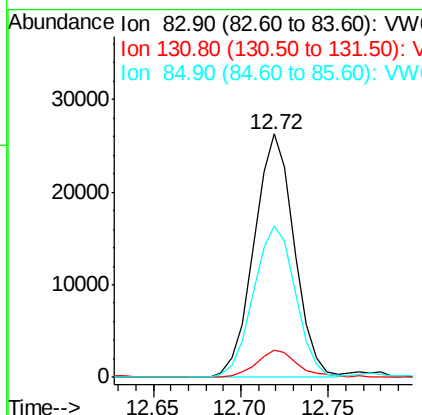
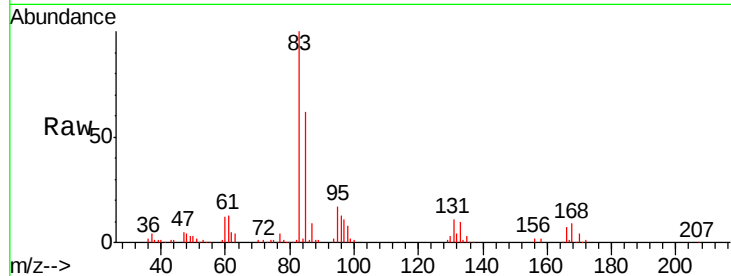
ClientSampleId :

VW1012SBSD01

Tgt Ion:	83	Resp:	41996
Ion	Ratio	Lower	Upper
83	100		
131	11.6	5.8	17.3
85	64.9	32.4	97.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.30 ug/l m

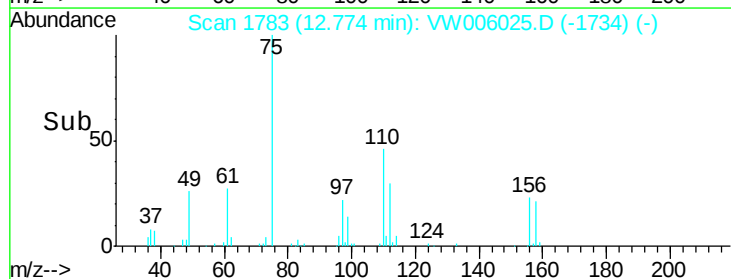
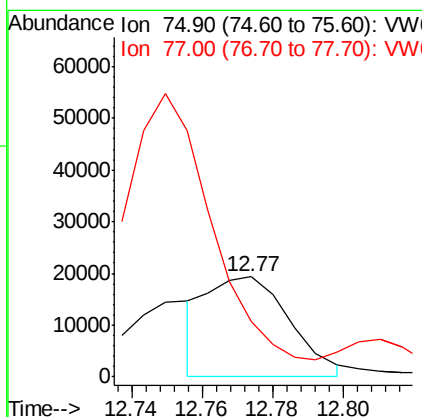
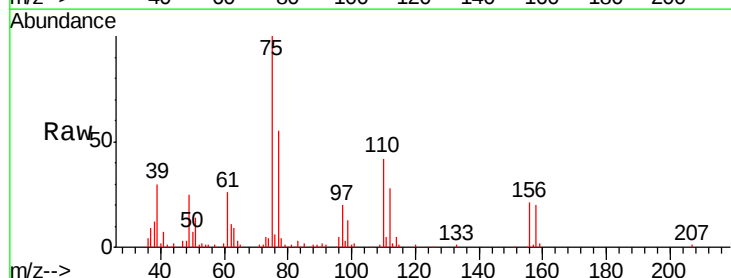
RT: 12.77 min Scan# 1783

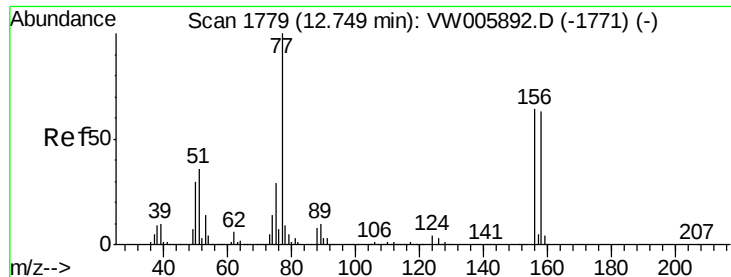
Delta R.T. -0.00 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Tgt Ion:	75	Resp:	31672
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.46 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Instrument :

MSVOA_W

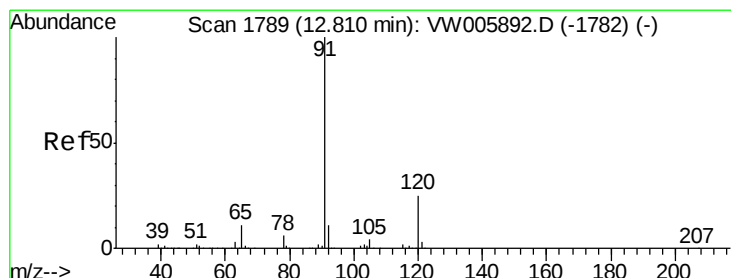
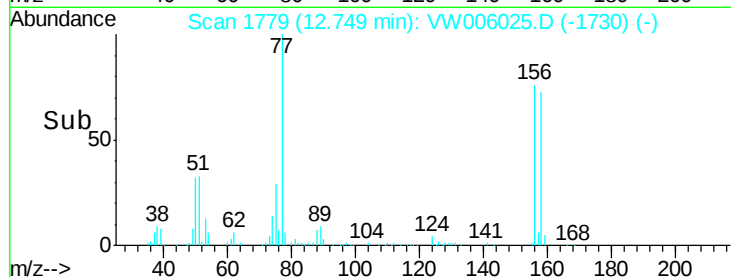
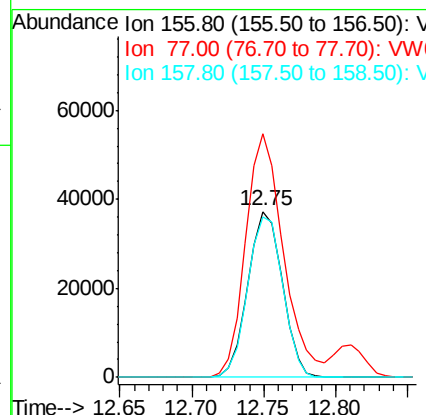
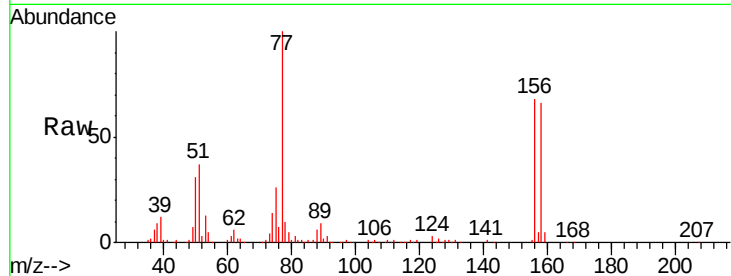
ClientSampleId :

VW1012SBSD01

Tgt Ion	Ratio	Lower	Upper
156	100		
77	161.4	85.8	257.4
158	98.4	49.1	147.4

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#78

n-propylbenzene

Concen: 18.58 ug/l

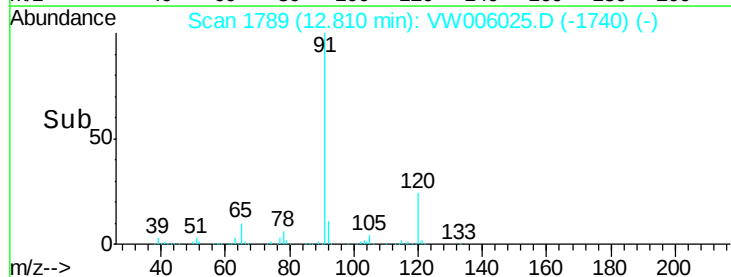
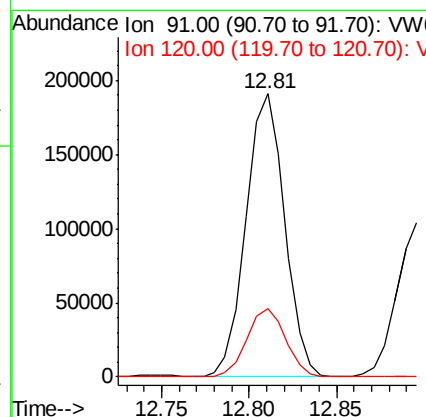
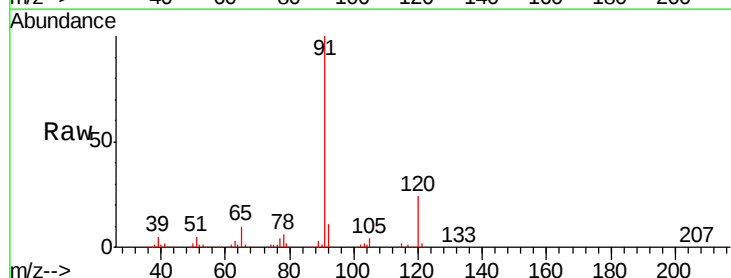
RT: 12.81 min Scan# 1789

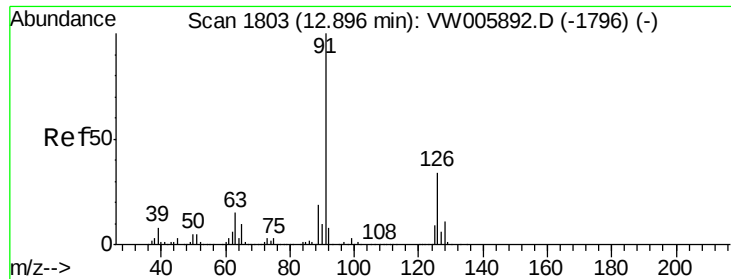
Delta R.T. -0.00 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.2	12.0	36.0





#79

2-Chlorotoluene

Concen: 18.50 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Instrument :

MSVOA_W

ClientSampleId :

VW1012SBSD01

Tgt Ion: 91 Resp: 164788

Ion Ratio Lower Upper

91 100

126 35.8

17.5

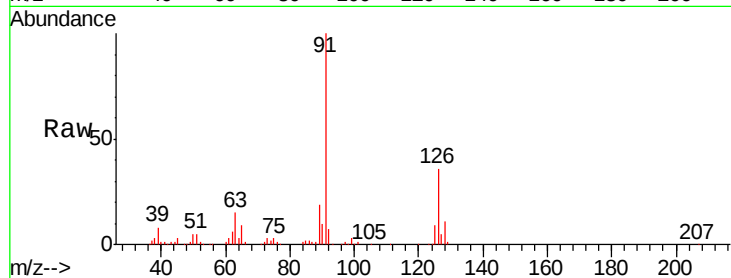
52.5

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

150000

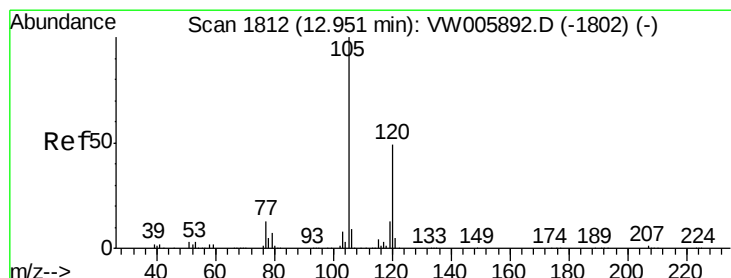
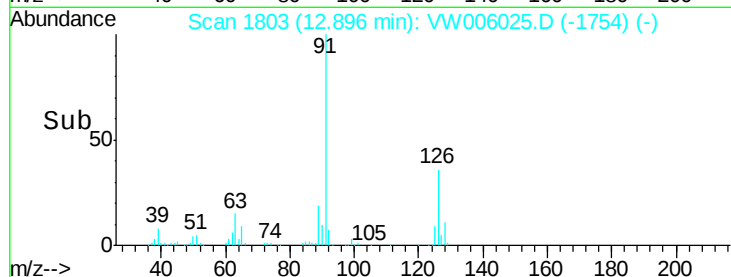
100000

50000

0

12.85 12.90 12.95

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.51 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Tgt Ion: 105 Resp: 209588

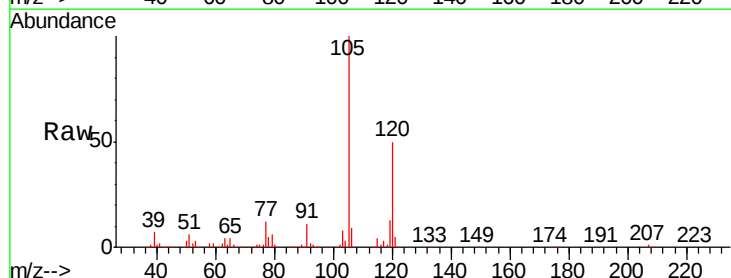
Ion Ratio Lower Upper

105 100

120 49.7

24.6

73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

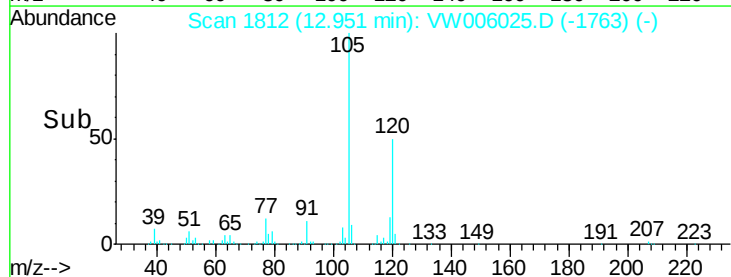
100000

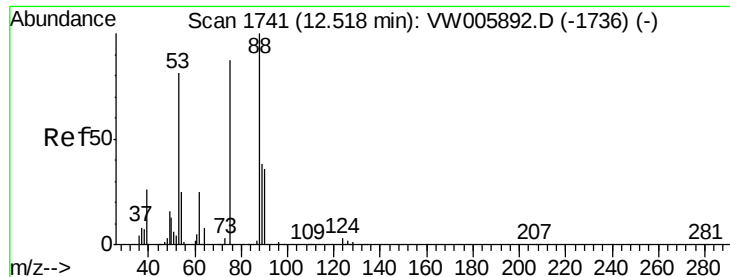
50000

0

12.90 12.95 13.00

Time-->





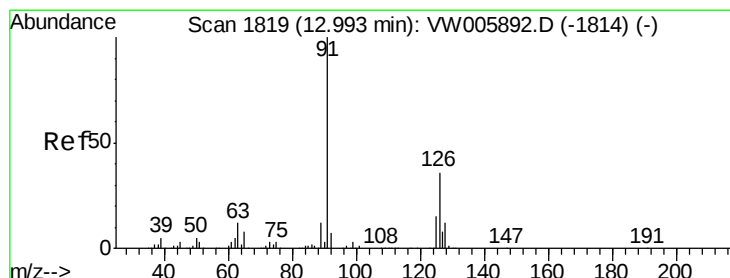
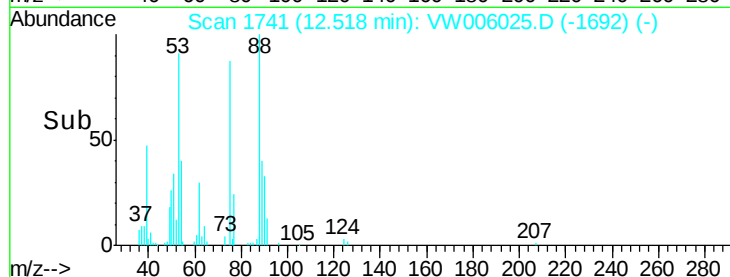
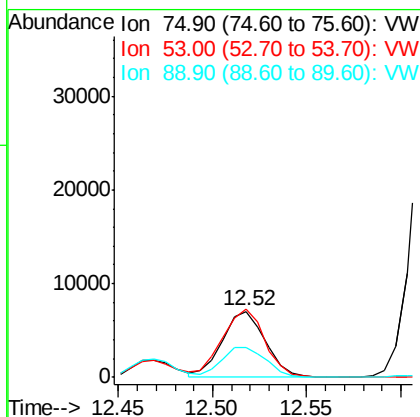
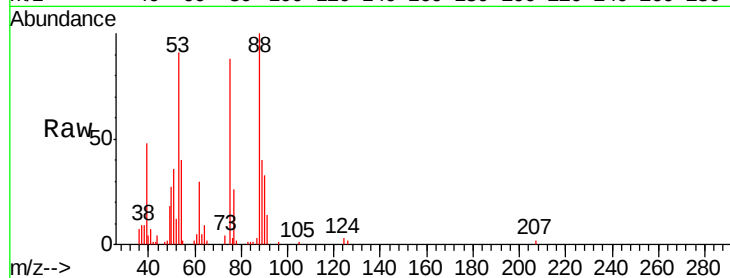
#81
trans-1,4-Dichloro-2-butene
Concen: 14.10 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

Instrument :
MSVOA_W
ClientSampleId :
VW1012SBSD01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	105.0	76.5	114.7
89	47.9	37.6	56.4

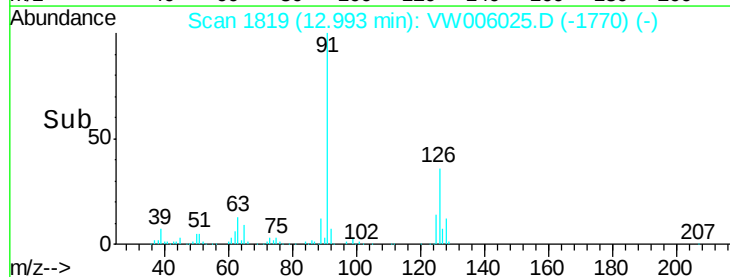
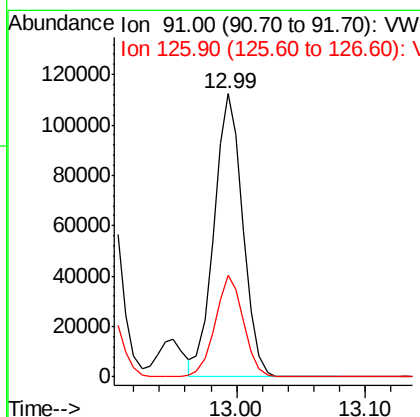
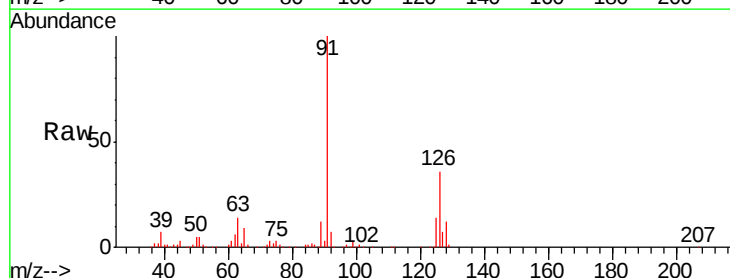
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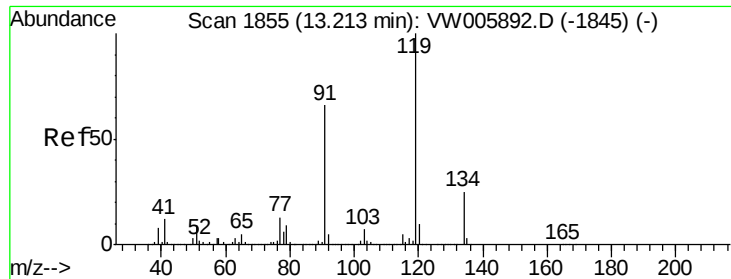
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#82
4-Chlorotoluene
Concen: 18.72 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.5	17.4	52.2





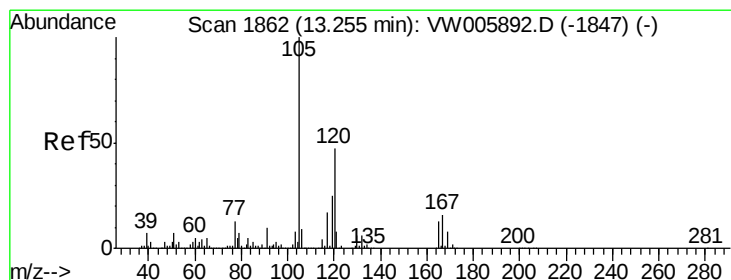
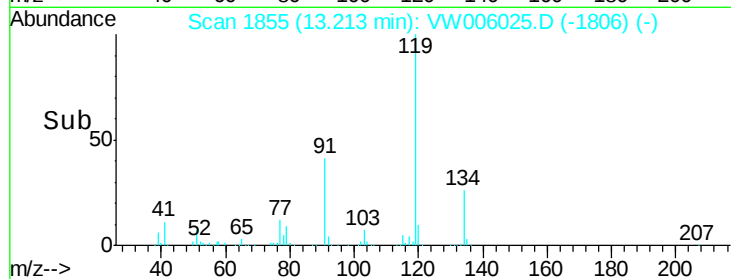
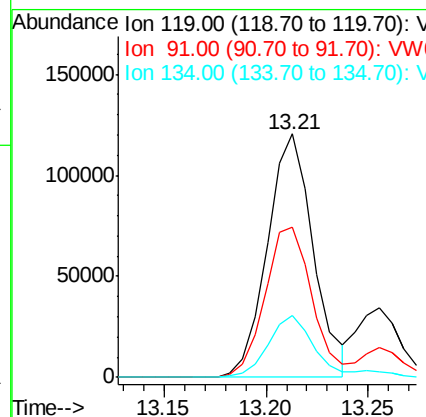
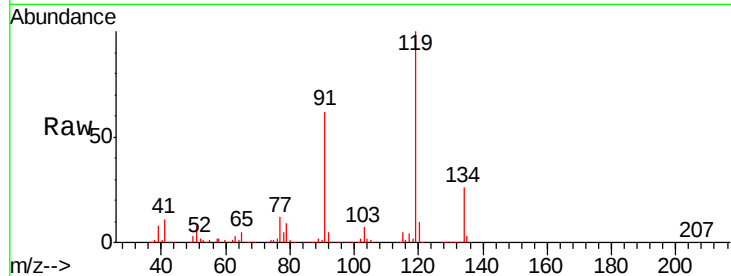
#83
 tert-Butylbenzene
 Concen: 18.81 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW006025.D
 Acq: 11 Oct 2018 12:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1012SBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	189473		
91	62.9		32.4	97.0
134	27.1		13.2	39.6

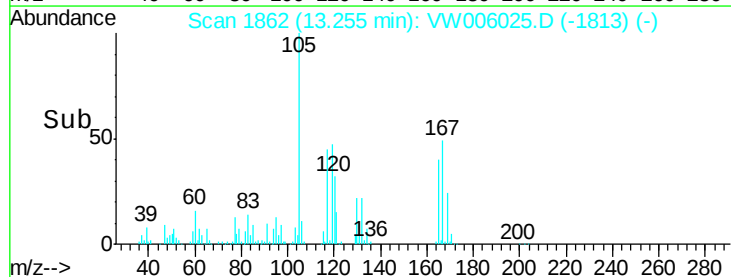
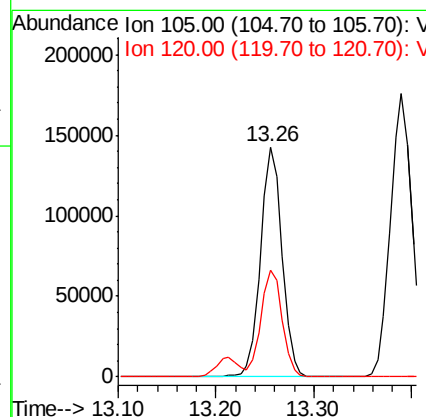
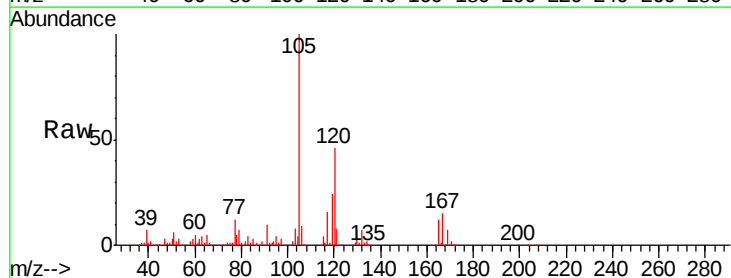
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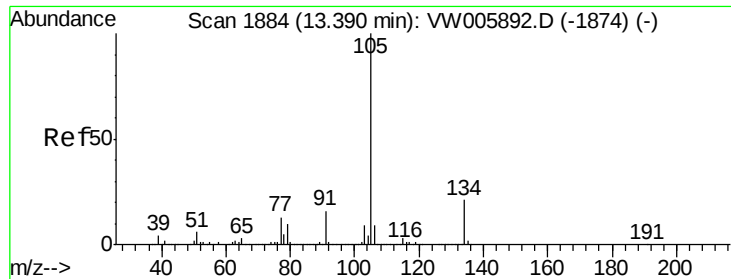
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.03 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW006025.D
 Acq: 11 Oct 2018 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	217406		
120	45.6		22.8	68.3





#85

sec-Butylbenzene

Concen: 18.99 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Instrument :

MSVOA_W

ClientSampleId :

VW1012SBSD01

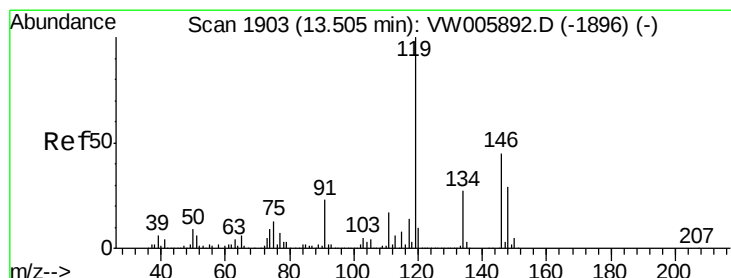
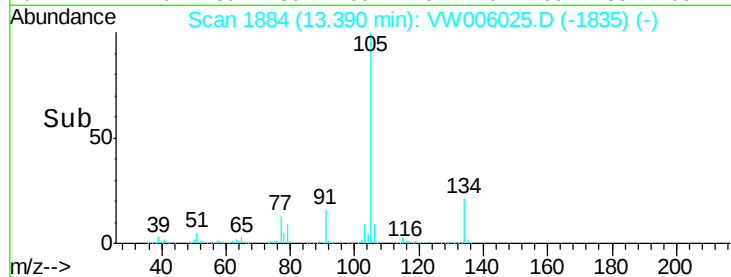
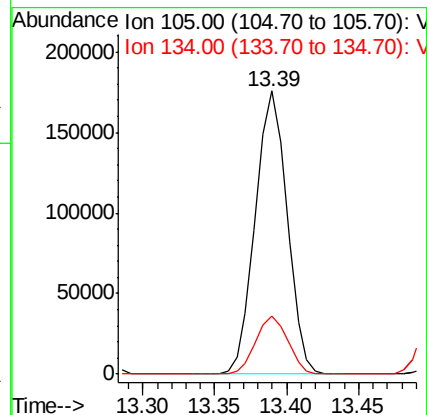
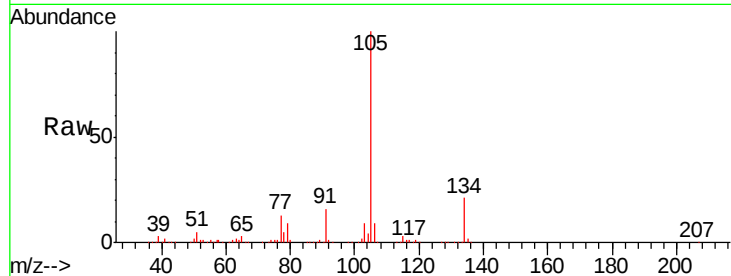
Tgt Ion:105 Resp: 268500
Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.4

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#86

p-Isopropyltoluene

Concen: 19.03 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006025.D

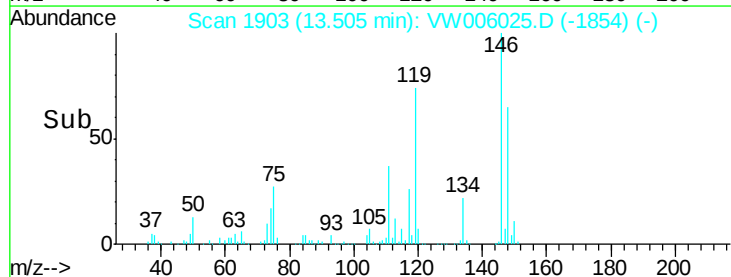
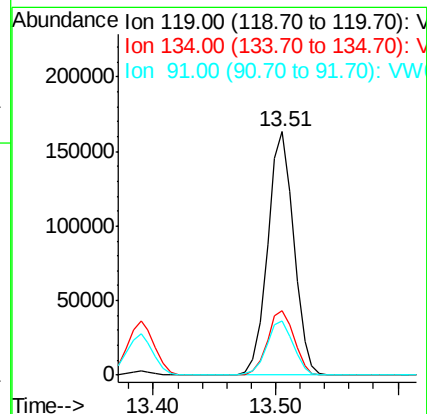
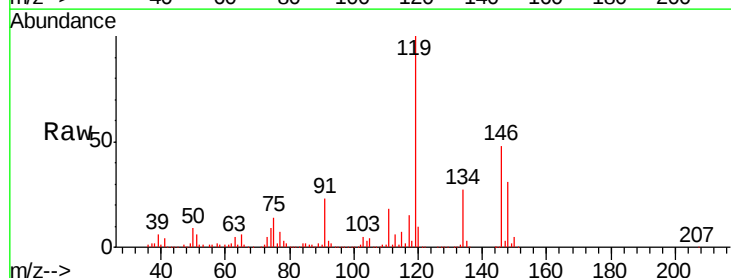
Acq: 11 Oct 2018 12:11

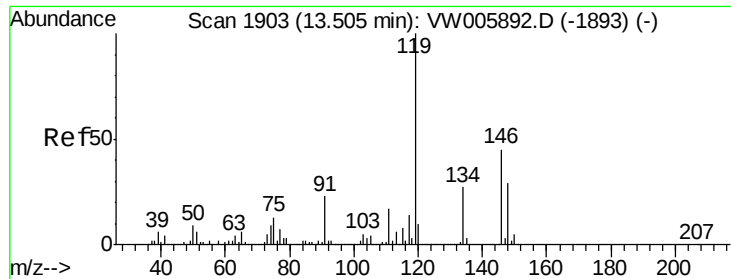
Tgt Ion:119 Resp: 241960
Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

91 22.7 11.9 35.5





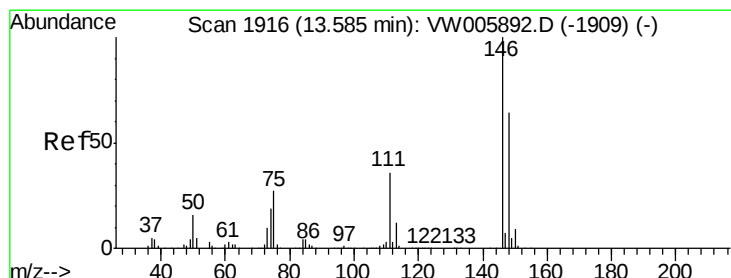
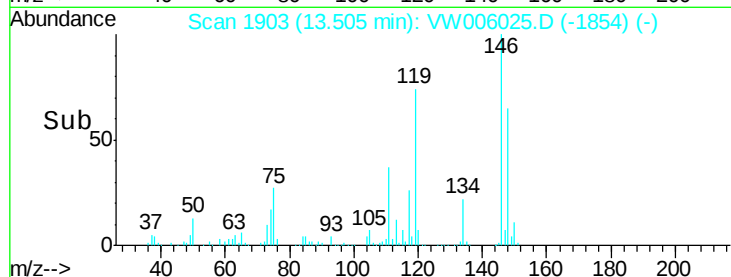
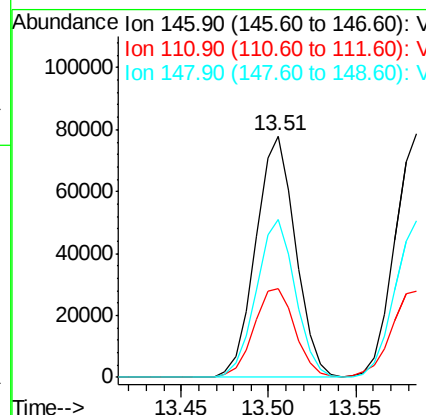
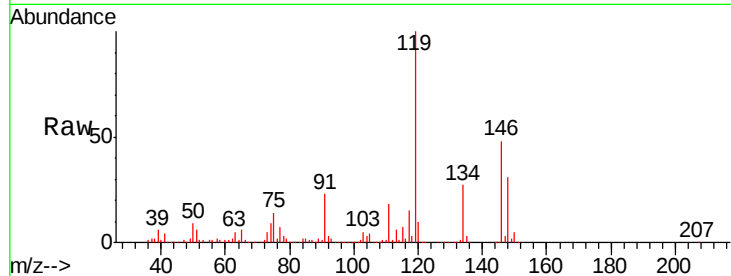
#87
 1,3-Dichlorobenzene
 Concen: 19.67 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006025.D
 Acq: 11 Oct 2018 12:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1012SBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.5	58.5
148	64.4	32.1	96.5

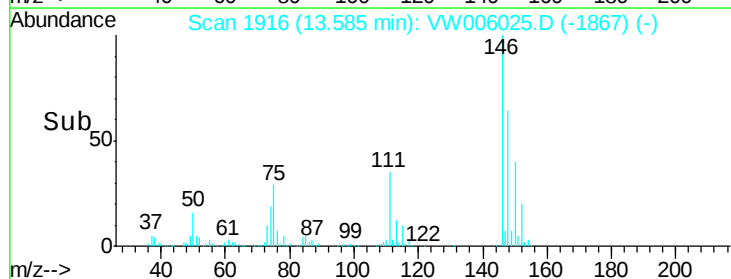
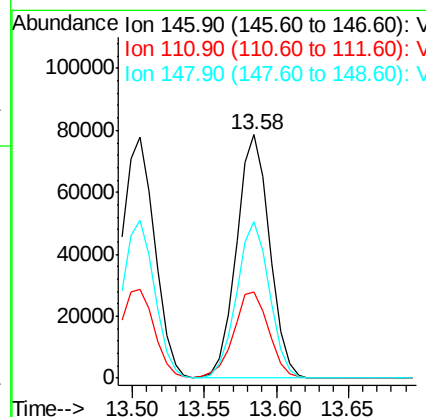
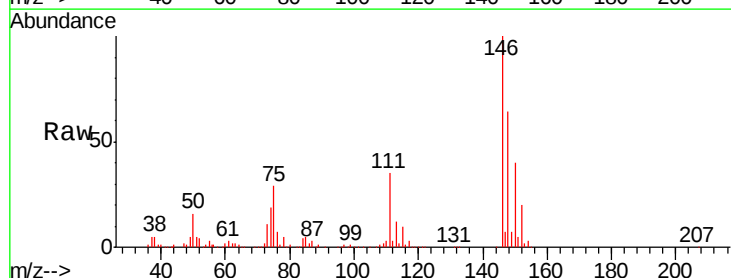
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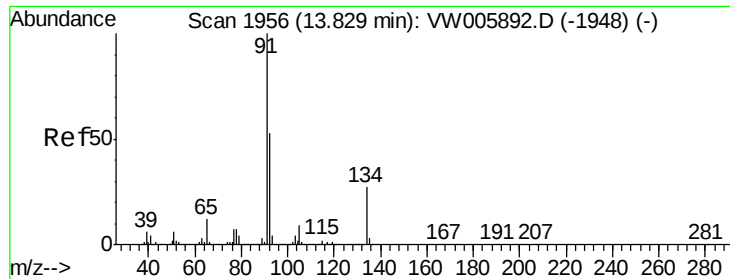
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#88
 1,4-Dichlorobenzene
 Concen: 20.04 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006025.D
 Acq: 11 Oct 2018 12:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.0	57.0
148	63.8	32.0	96.2





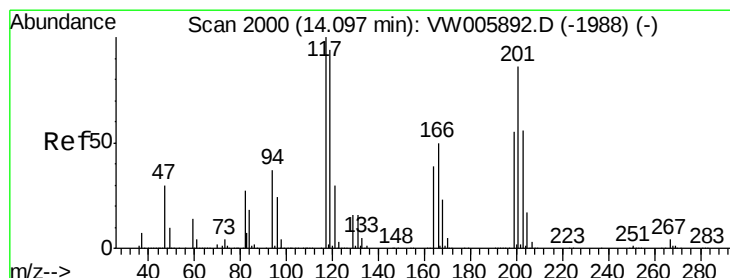
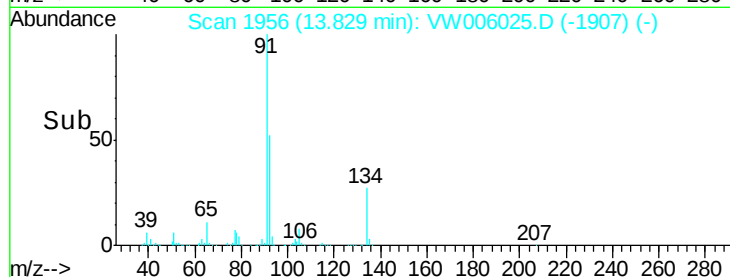
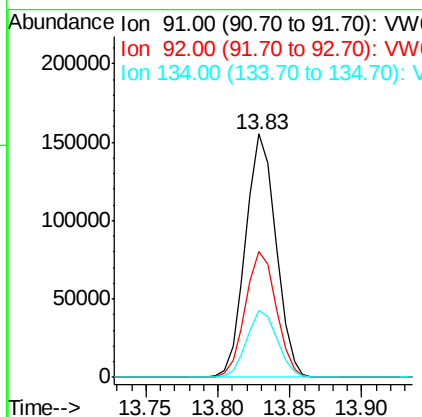
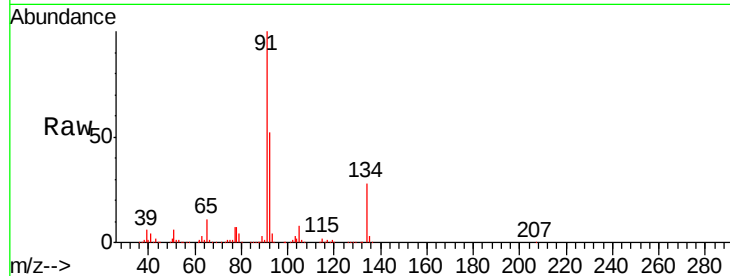
#89
n-Butylbenzene
Concen: 18.96 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

Instrument :
MSVOA_W
ClientSampleId :
VW1012SBSD01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.6	79.8
134	27.7	13.8	41.4

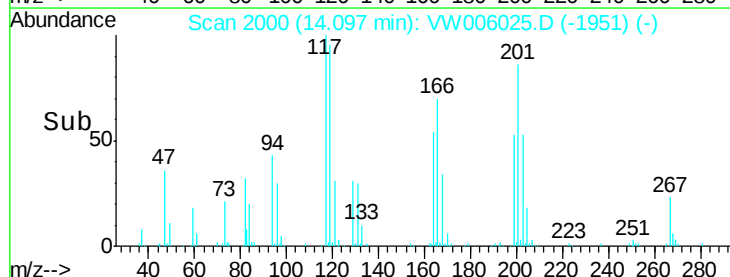
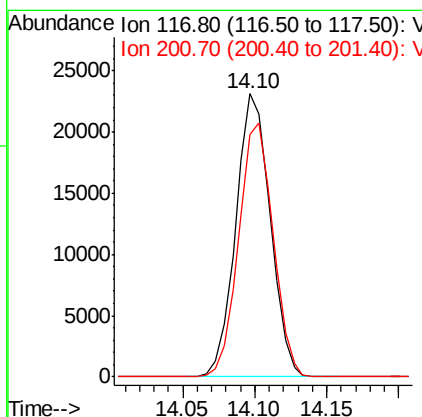
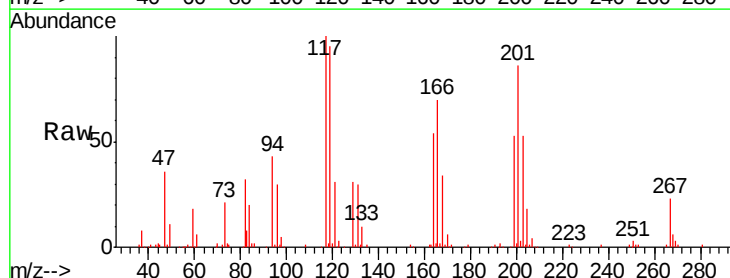
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#90
Hexachloroethane
Concen: 16.06 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.5	44.5	133.5





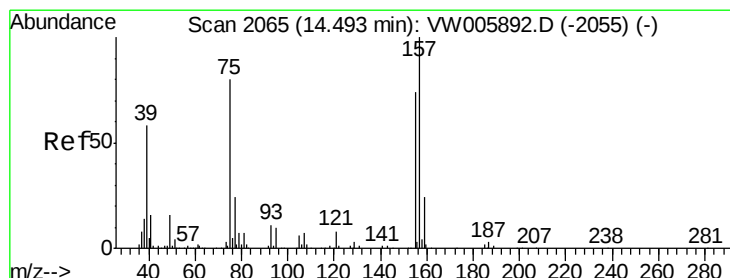
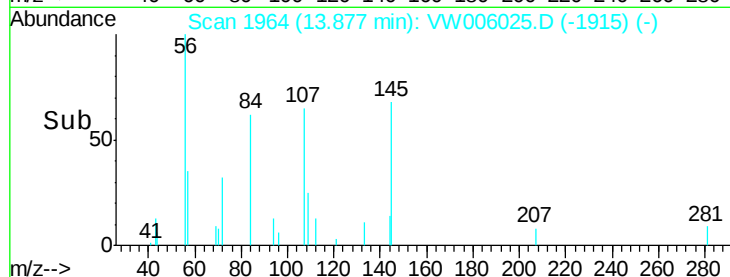
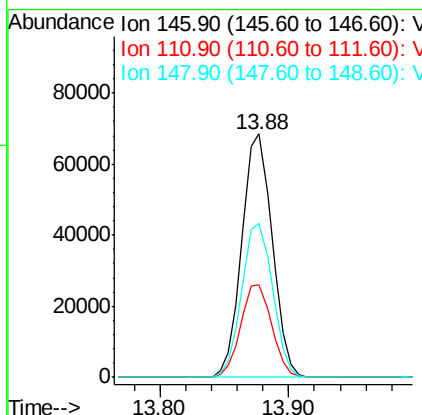
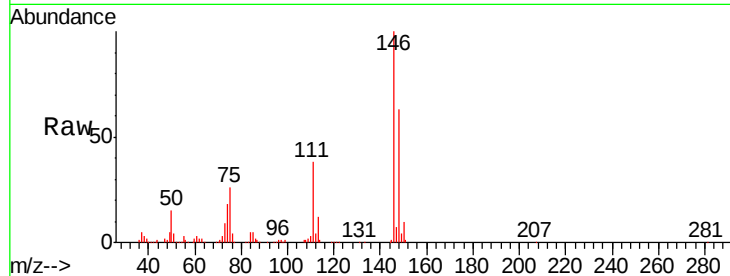
#91
 1,2-Dichlorobenzene
 Concen: 19.95 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006025.D
 Acq: 11 Oct 2018 12:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1012SBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	111813		
111	38.9	20.3	61.0	
148	64.4	32.5	97.4	

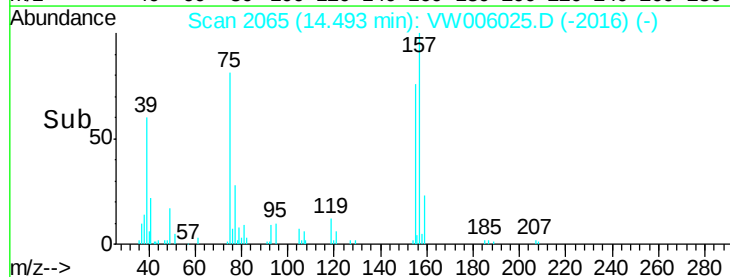
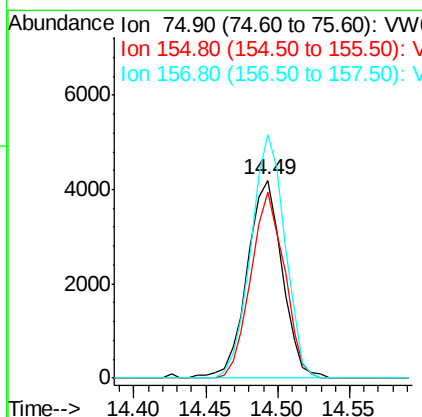
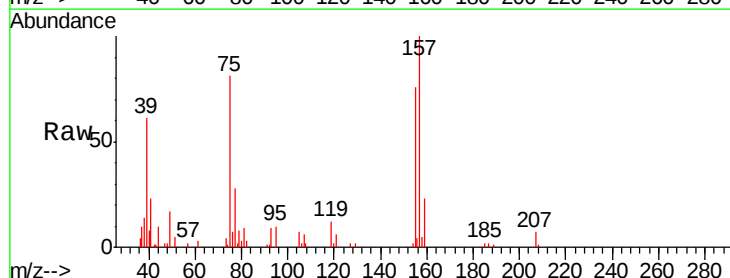
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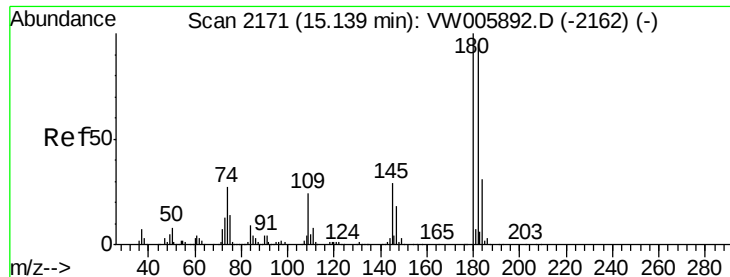
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.22 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW006025.D
 Acq: 11 Oct 2018 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	7057		
155	90.0	44.8	134.3	
157	119.3	58.9	176.6	





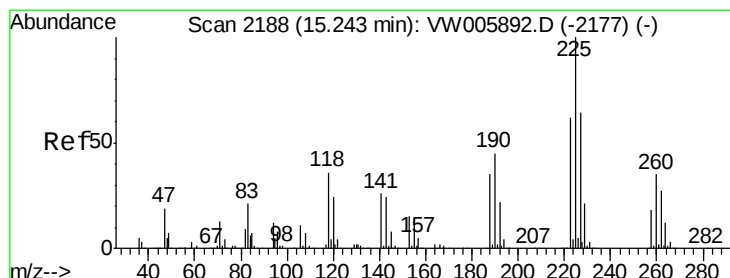
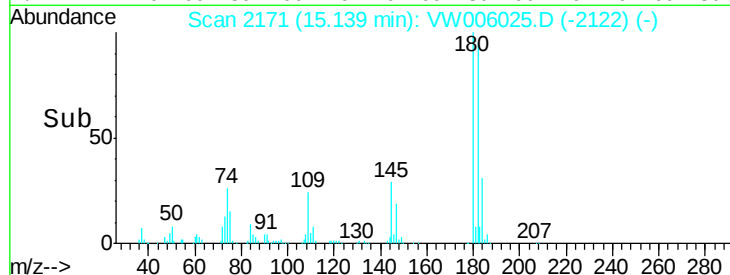
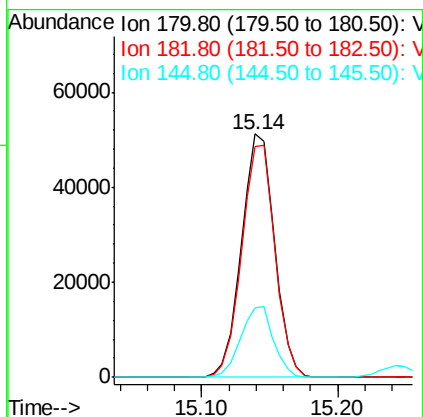
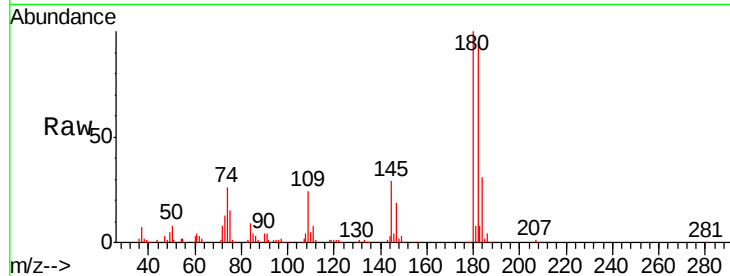
#93
 1,2,4-Trichlorobenzene
 Concen: 20.01 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW006025.D
 Acq: 11 Oct 2018 12:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1012SBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	86993		
182	95.9	47.8	143.3	
145	28.8	14.5	43.6	

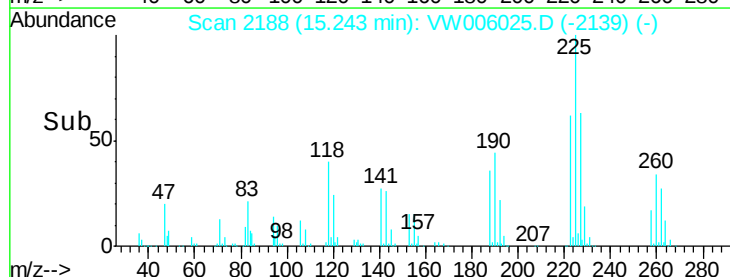
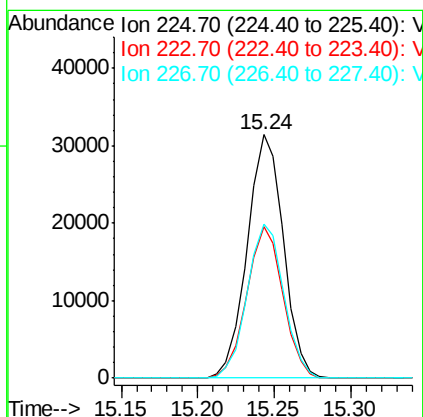
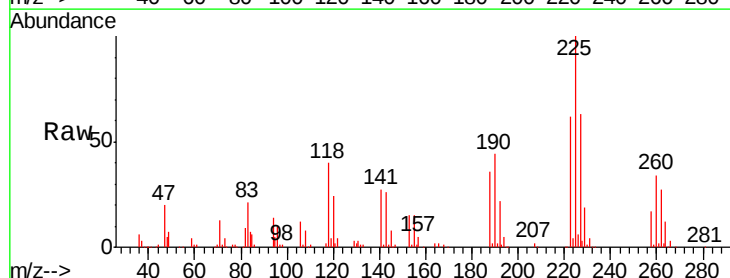
Manual Integrations
 APPROVED

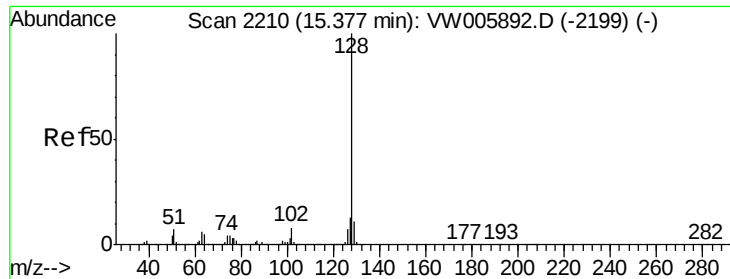
apatel
 10/12/2018 11:46:03 AM



#94
 Hexachlorobutadiene
 Concen: 19.13 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006025.D
 Acq: 11 Oct 2018 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	51894		
223	62.2	31.2	93.6	
227	63.8	31.9	95.9	





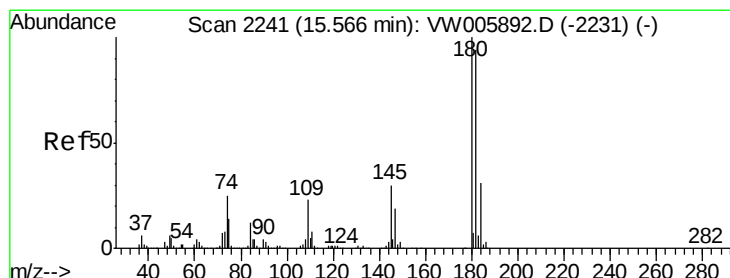
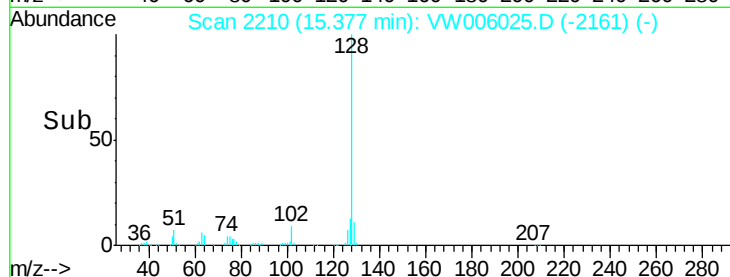
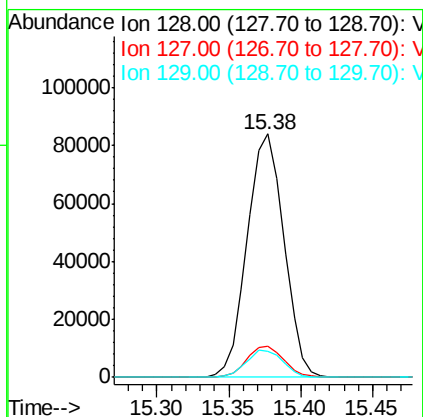
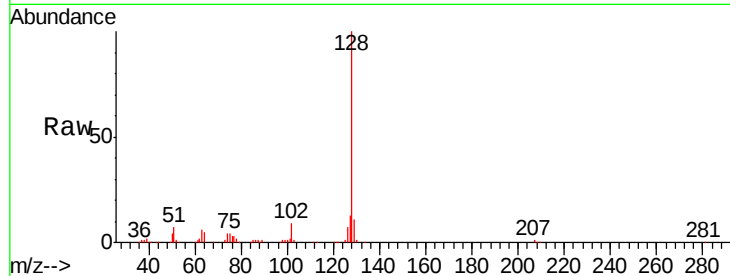
#95
Naphthalene
Concen: 19.82 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

Instrument :
MSVOA_W
ClientSampleId :
VW1012SBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	148508		
127	13.0		10.5	15.7
129	11.2		8.9	13.3

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.96 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	75132		
182	96.7		47.6	142.8
145	30.9		15.3	45.9

