

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091718\
 Data File : VW005425.D
 Acq On : 17 Sep 2018 11:40
 Operator : SY/AP
 Sample : VW0917SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBS01

Manual Integrations
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 9/18/2018 12:51:50 PM

Quant Time: Sep 18 02:30:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	298564	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	432891	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	410967	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	215144	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	136149	43.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.86%	
35) Dibromofluoromethane	7.89	113	114521	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	
50) Toluene-d8	10.33	98	547655	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
62) 4-Bromofluorobenzene	12.62	95	201393	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	62786	22.38	ug/l	99
3) Chloromethane	2.21	50	74446	21.12	ug/l	97
4) Vinyl Chloride	2.36	62	69600	21.08	ug/l	96
5) Bromomethane	2.78	94	42238	17.37	ug/l	98
6) Chloroethane	2.92	64	37304	19.07	ug/l	99
7) Trichlorofluoromethane	3.26	101	84486	19.32	ug/l	99
8) Diethyl Ether	3.70	74	25138	19.34	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	53047	20.80	ug/l	97
10) Methyl Iodide	4.28	142	52889	19.03	ug/l	99
11) Tert butyl alcohol	5.24	59	15596	69.49	ug/l #	94
12) 1,1-Dichloroethene	4.04	96	46066	19.94	ug/l	99
13) Acrolein	3.91	56	14854	108.70	ug/l	98
14) Allyl chloride	4.68	41	88193	20.52	ug/l	96
15) Acrylonitrile	5.39	53	52724	88.68	ug/l	99
16) Acetone	4.15	43	39455	75.99	ug/l	97
17) Carbon Disulfide	4.39	76	155546	19.12	ug/l	99
18) Methyl Acetate	4.69	43	24594	16.51	ug/l	98
19) Methyl tert-butyl Ether	5.44	73	118974	18.97	ug/l	98
20) Methylene Chloride	4.92	84	66891	18.09	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	54313	19.69	ug/l	98
22) Diisopropyl ether	6.32	45	170273	20.15	ug/l	98
23) Vinyl Acetate	6.27	43	473239	98.29	ug/l	100
24) 1,1-Dichloroethane	6.22	63	99423	19.39	ug/l	97
25) 2-Butanone	7.19	43	68345	91.68	ug/l	97
26) 2,2-Dichloropropane	7.18	77	96063	20.89	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	58131	19.37	ug/l	98
28) Bromochloromethane	7.52	49	37626	18.87	ug/l	96
29) Tetrahydrofuran	7.54	42	43563	91.73	ug/l	98
30) Chloroform	7.68	83	99437	18.73	ug/l	100
31) Cyclohexane	7.96	56	106319	21.49	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	96411	19.53	ug/l	100
36) 1,1-Dichloropropene	8.09	75	84661	20.67	ug/l	98
37) Ethyl Acetate	7.26	43	31837	19.11	ug/l	99
38) Carbon Tetrachloride	8.07	117	85744	20.09	ug/l	96

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 ClientSampleID :
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Manual Integrations
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Quant Time: Sep 18 02:30:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	101576	21.34	ug/l	97
40) Benzene	8.33	78	234924	19.80	ug/l	99
41) Methacrylonitrile	7.49	41	20599	20.49	ug/l	94
42) 1,2-Dichloroethane	8.41	62	67139	18.07	ug/l	97
43) Isopropyl Acetate	8.43	43	58353	17.95	ug/l	95
44) Trichloroethene	9.10	130	61243	20.05	ug/l	100
45) 1,2-Dichloropropane	9.38	63	56846	20.05	ug/l	98
46) Dibromomethane	9.46	93	27350	19.61	ug/l	98
47) Bromodichloromethane	9.65	83	74716	19.77	ug/l	99
48) Methyl methacrylate	9.45	41	33001	20.34	ug/l	91
49) 1,4-Dioxane	9.49	88	8486	365.03	ug/l #	94
51) 4-Methyl-2-Pentanone	10.22	43	154892	92.54	ug/l	100
52) Toluene	10.40	92	164684	20.49	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	73222	19.36	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	86530	20.21	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	38841	18.74	ug/l	98
56) Ethyl methacrylate	10.65	69	50529	19.26	ug/l	95
57) 1,3-Dichloropropane	10.94	76	67413	18.84	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	117949	99.39	ug/l	99
59) 2-Hexanone	10.98	43	113939	99.94	ug/l	99
60) Dibromochloromethane	11.13	129	45918	18.41	ug/l	100
61) 1,2-Dibromoethane	11.24	107	34854	18.75	ug/l	100
64) Tetrachloroethene	10.87	164	60556	19.94	ug/l	96
65) Chlorobenzene	11.66	112	176939	20.29	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	54396	19.51	ug/l	98
67) Ethyl Benzene	11.74	91	317863	20.72	ug/l	100
68) m/p-Xylenes	11.85	106	248014	42.01	ug/l	98
69) o-Xylene	12.17	106	113869	20.71	ug/l	99
70) Styrene	12.19	104	184918	20.38	ug/l	100
71) Bromoform	12.35	173	27131	18.40	ug/l #	99
73) Isopropylbenzene	12.47	105	319860	21.19	ug/l	100
74) N-amyl acetate	12.28	43	61612	19.37	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	41692	18.93	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	29913m	16.90	ug/l	
77) Bromobenzene	12.76	156	70403	19.73	ug/l	99
78) n-propylbenzene	12.81	91	386811	21.23	ug/l	99
79) 2-Chlorotoluene	12.90	91	223576	20.80	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	274028	20.81	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	13213	19.37	ug/l	99
82) 4-Chlorotoluene	12.99	91	235433	20.75	ug/l	99
83) tert-Butylbenzene	13.21	119	227131	20.76	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	278407	20.82	ug/l	100
85) sec-Butylbenzene	13.39	105	334682	21.17	ug/l	99
86) p-Isopropyltoluene	13.51	119	296739	20.99	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	144928	20.03	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	144589	20.29	ug/l	99
89) n-Butylbenzene	13.83	91	282961	21.50	ug/l	99
90) Hexachloroethane	14.10	117	46419	19.17	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	125348	19.82	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7563	17.88	ug/l	99

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MSVOA_W
ClientSampleId :
VW0917SBS01

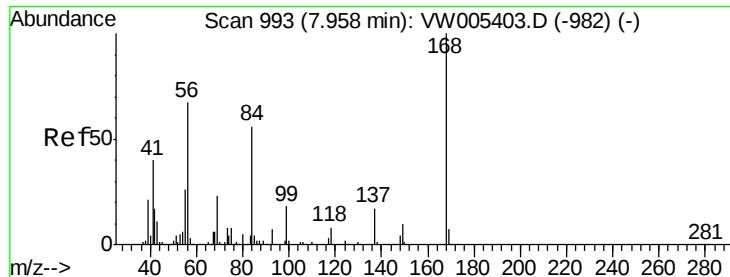
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	84652	20.06	ug/l	99
94) Hexachlorobutadiene	15.25	225	57269	20.78	ug/l	99
95) Naphthalene	15.38	128	134294	19.10	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	73651	20.00	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005425.D

Acq: 17 Sep 2018 11:40

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBS01

Tot Ion:168 Resp: 298564

Ion Ratio Lower Upper

168 100

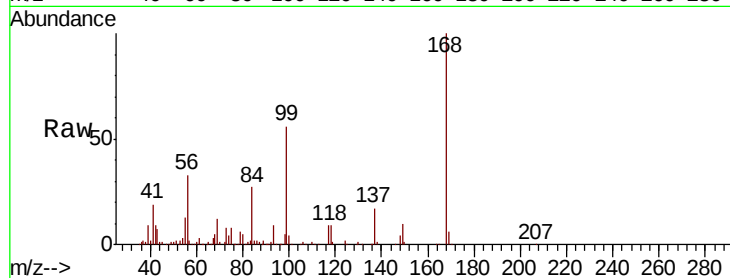
99 55.9 45.0 67.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

150000

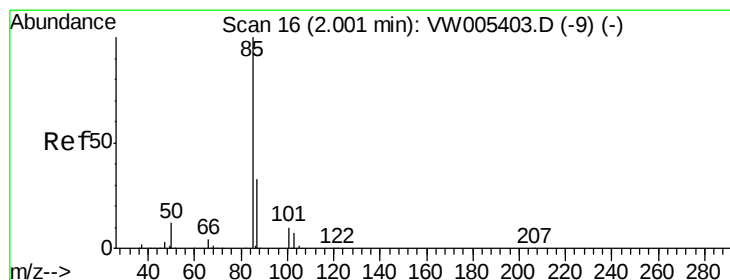
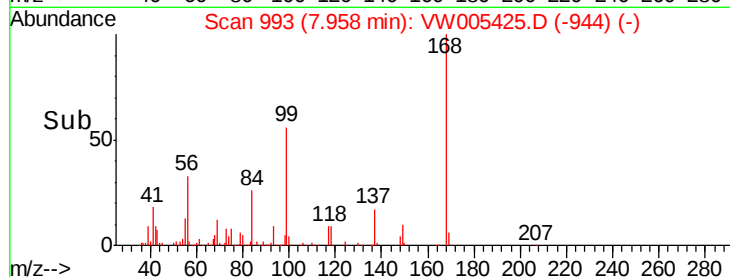
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50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 22.38 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW005425.D

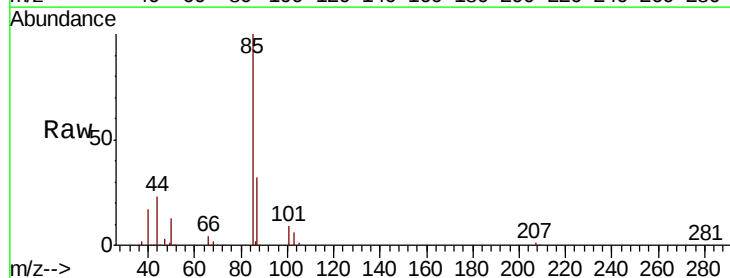
Acq: 17 Sep 2018 11:40

Tgt Ion: 85 Resp: 62786

Ion Ratio Lower Upper

85 100

87 32.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

40000

30000

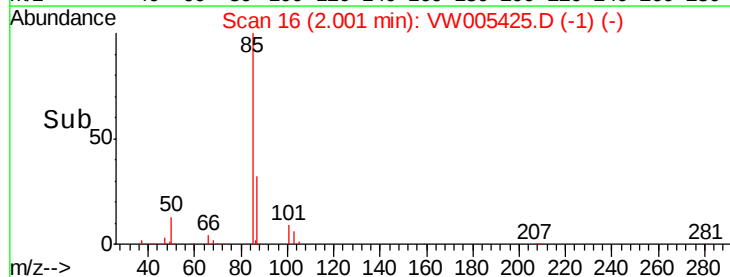
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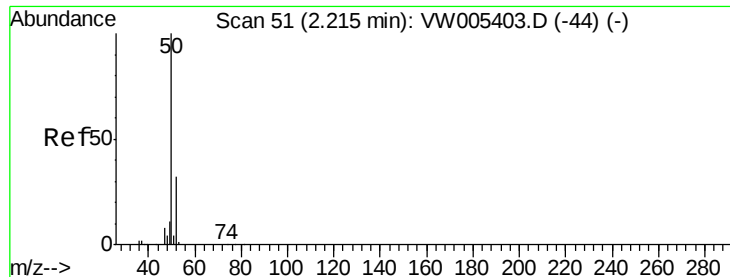
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0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 21.12 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW005425.D

Acq: 17 Sep 2018 11:40

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBS01

Tot Ion: 50 Resp: 74446

Ion Ratio Lower Upper

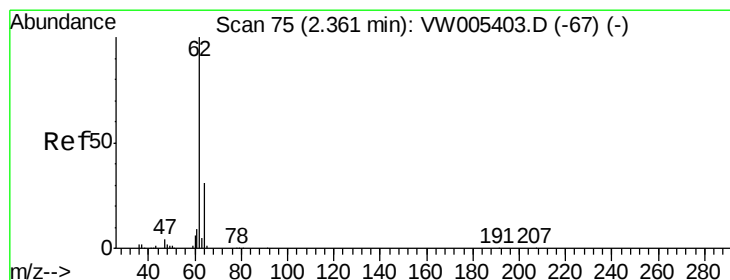
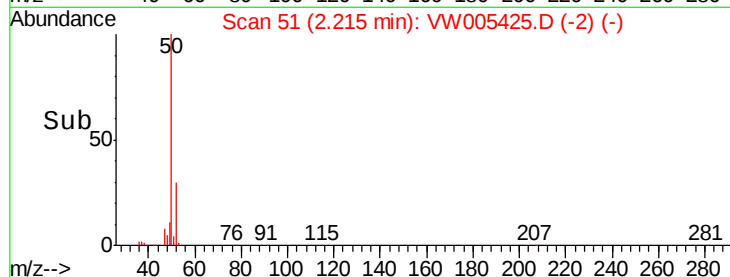
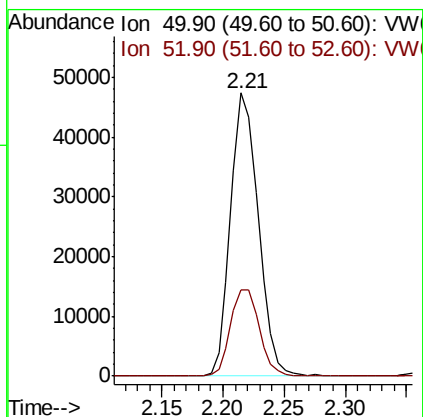
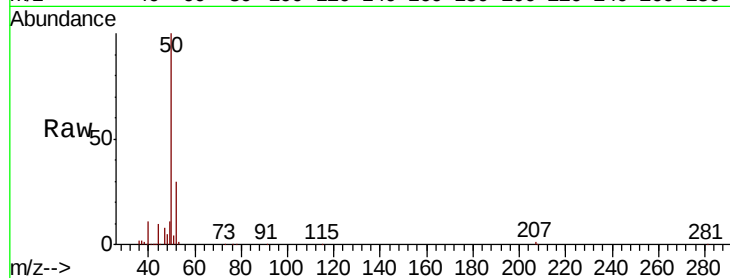
50 100

52 30.3 25.8 38.6

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#4

Vinyl Chloride

Concen: 21.08 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW005425.D

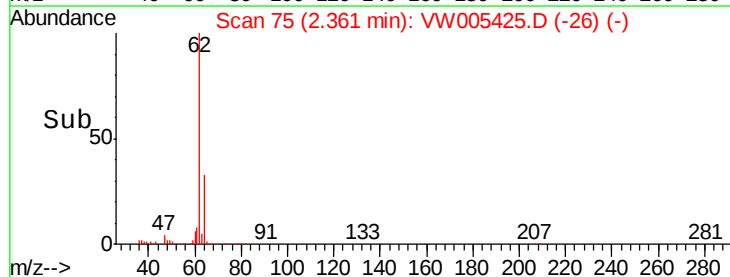
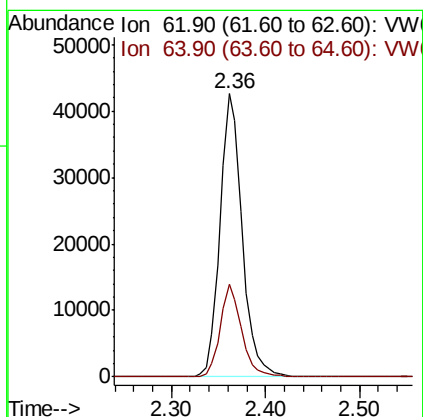
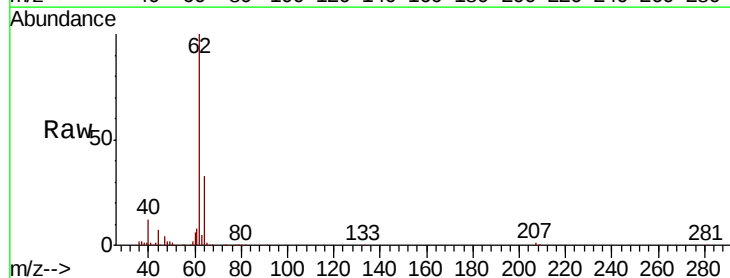
Acq: 17 Sep 2018 11:40

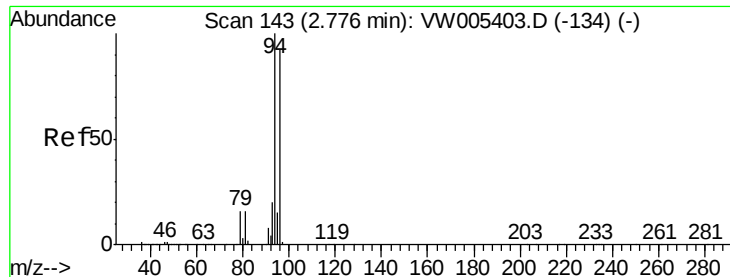
Tgt Ion: 62 Resp: 69600

Ion Ratio Lower Upper

62 100

64 32.9 24.5 36.7





#5

Bromomethane

Concen: 17.37 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW005425.D

Acq: 17 Sep 2018 11:40

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBS01

Tot Ion: 94 Resp: 42238

Ion Ratio Lower Upper

94 100

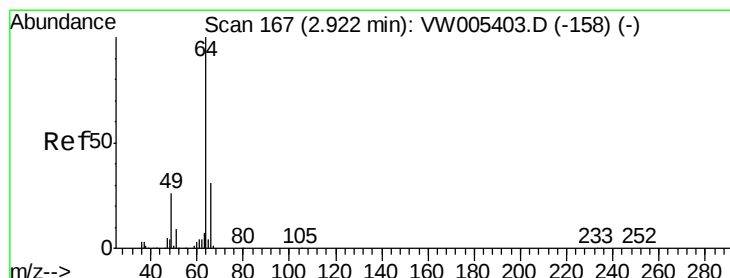
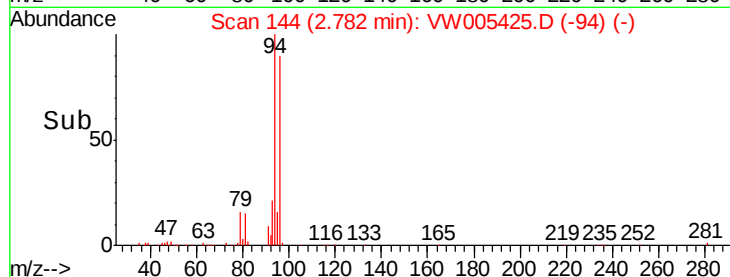
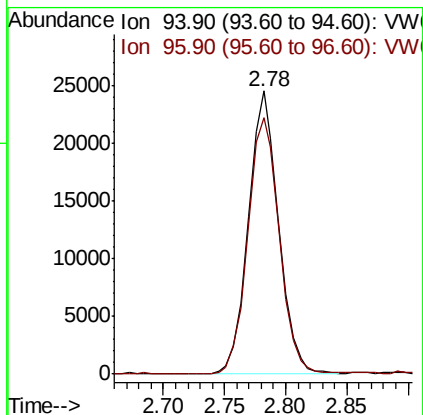
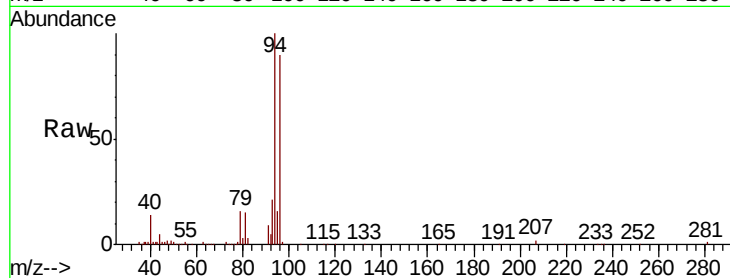
96 90.4 73.7 110.5

Manual Integrations

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#6

Chloroethane

Concen: 19.07 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW005425.D

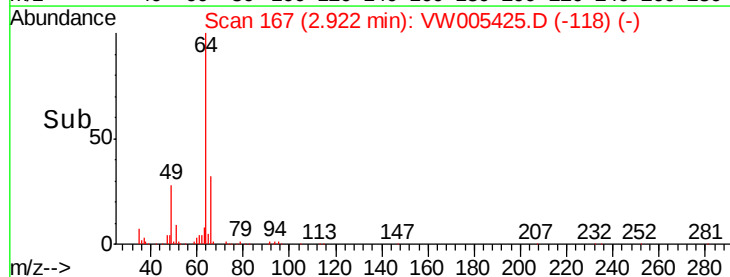
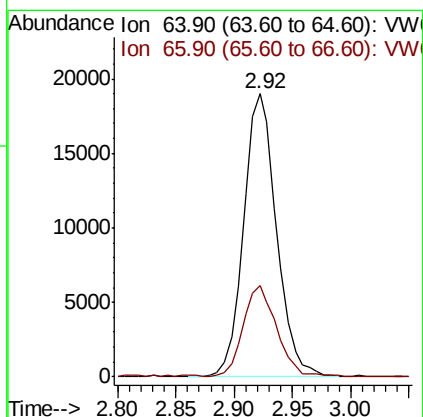
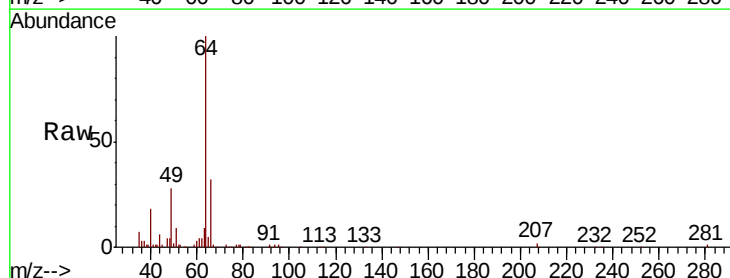
Acq: 17 Sep 2018 11:40

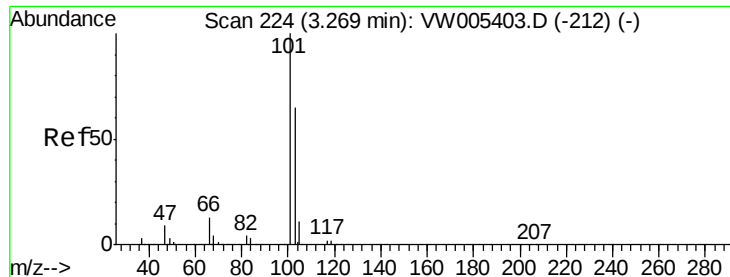
Tgt Ion: 64 Resp: 37304

Ion Ratio Lower Upper

64 100

66 31.8 25.2 37.8





#7

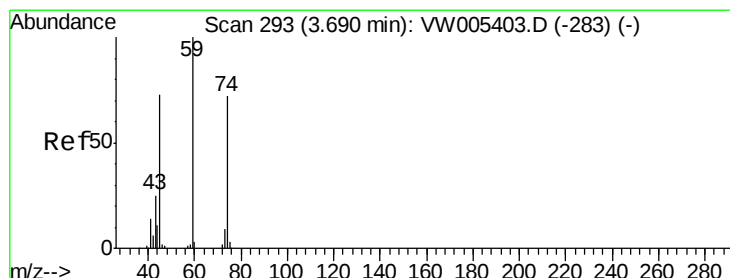
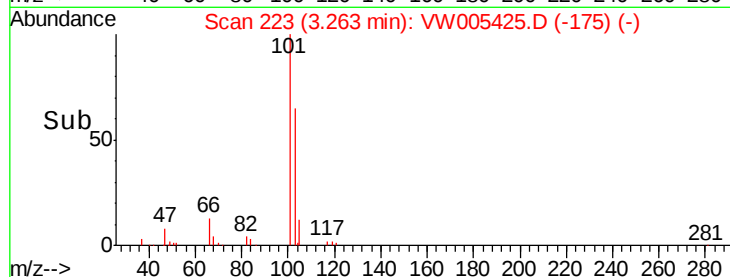
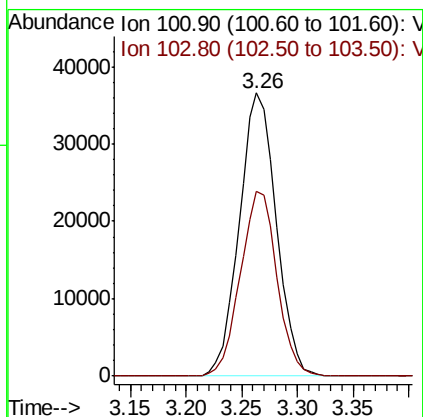
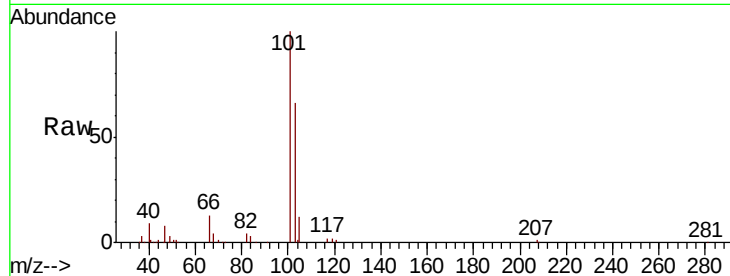
Trichlorofluoromethane
Concen: 19.32 ug/l
RT: 3.26 min Scan# 223
Delta R.T. -0.01 min
Lab File: VW005425.D
Acq: 17 Sep 2018 11:40

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	51.7	77.5

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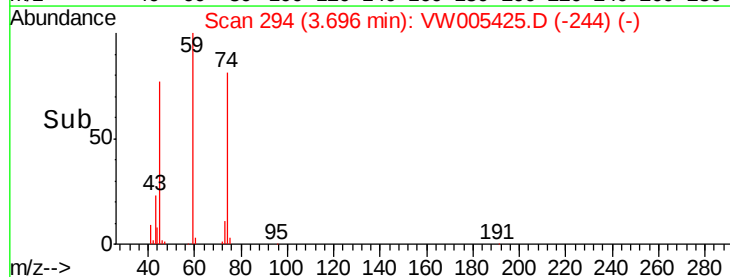
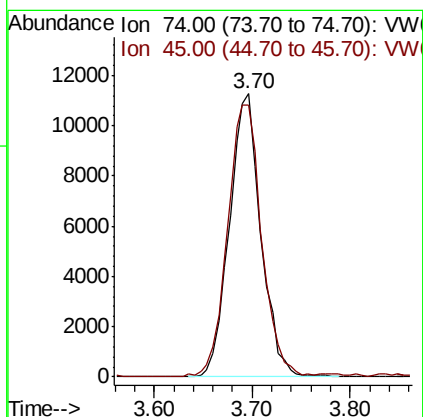
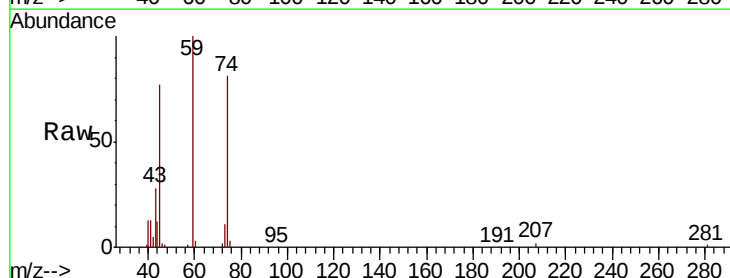
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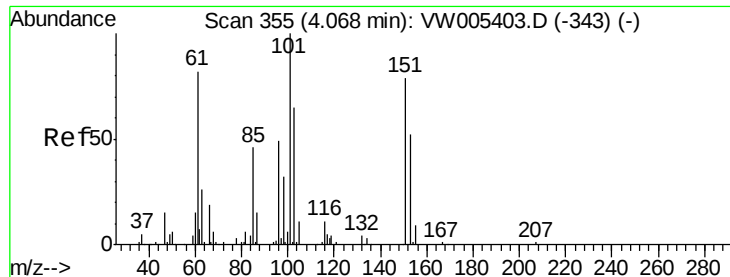


#8

Diethyl Ether
Concen: 19.34 ug/l
RT: 3.70 min Scan# 294
Delta R.T. 0.01 min
Lab File: VW005425.D
Acq: 17 Sep 2018 11:40

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.4	53.1	159.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.80 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW005425.D

Acq: 17 Sep 2018 11:40

Instrument :

MSVOA_W

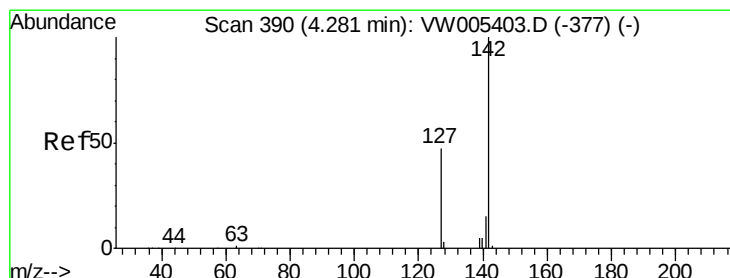
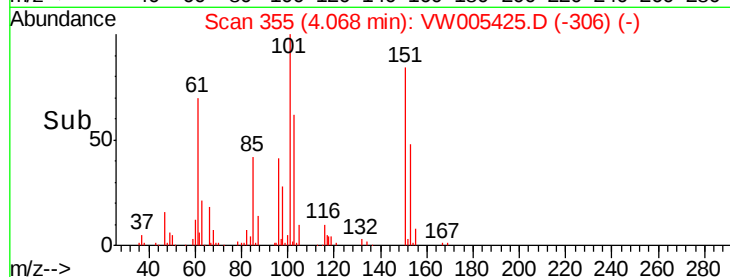
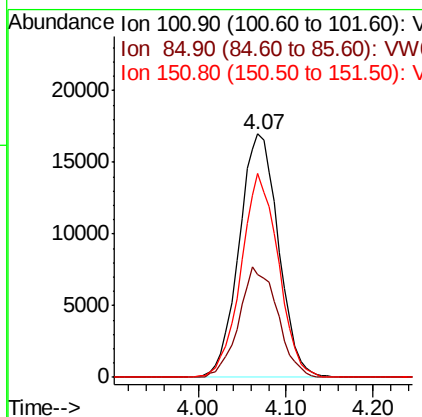
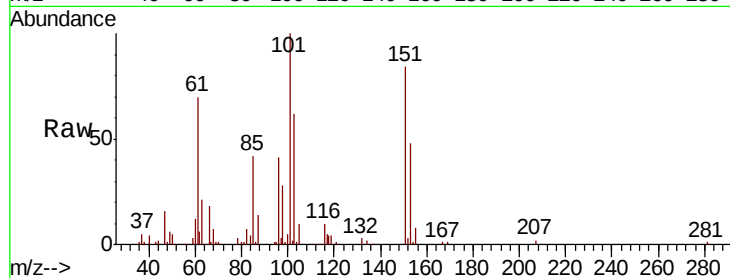
ClientSampleId :

VW0917SBS01

Tot Ion:	101	Resp:	53047
Ion Ratio	Lower	Upper	
101	100		
85	44.3	36.6	54.8
151	79.6	66.3	99.5

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#10

Methyl Iodide

Concen: 19.03 ug/l

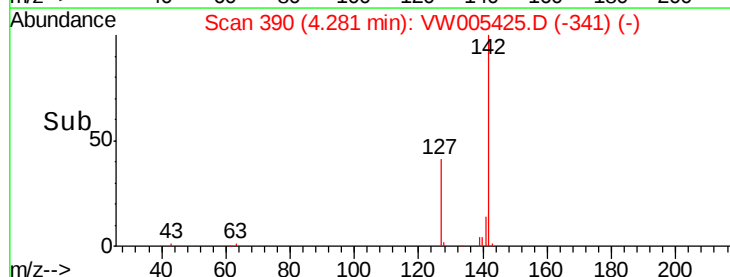
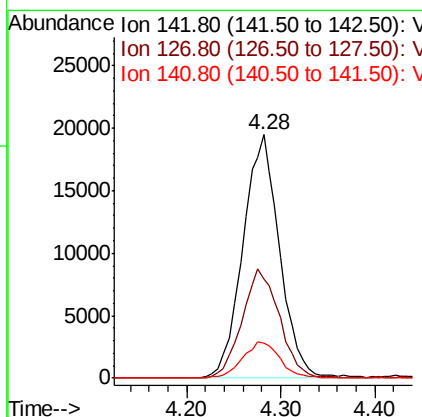
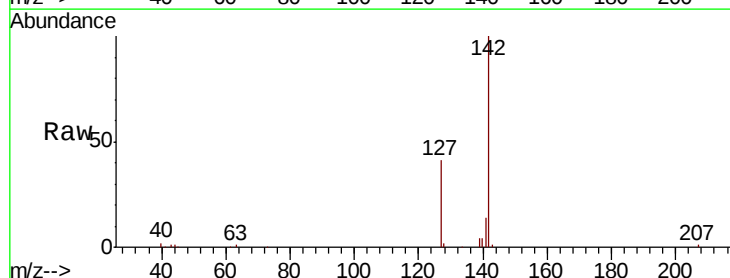
RT: 4.28 min Scan# 390

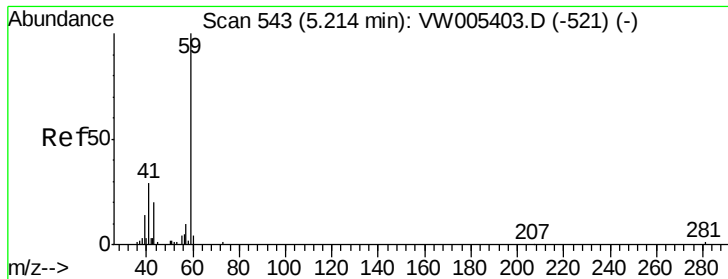
Delta R.T. 0.00 min

Lab File: VW005425.D

Acq: 17 Sep 2018 11:40

Tgt Ion:	142	Resp:	52889
Ion Ratio	Lower	Upper	
142	100		
127	46.1	37.5	56.3
141	15.2	12.4	18.6





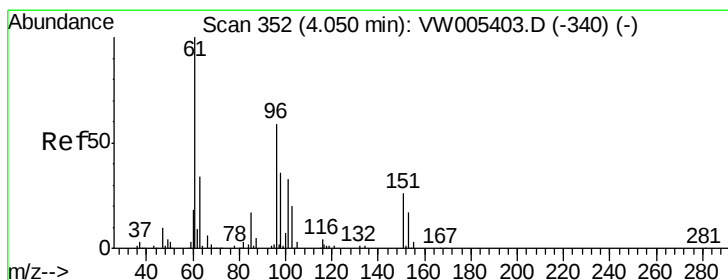
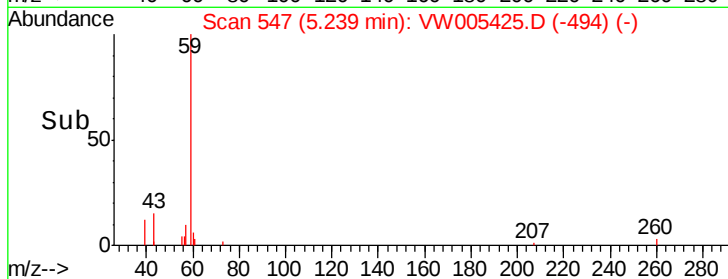
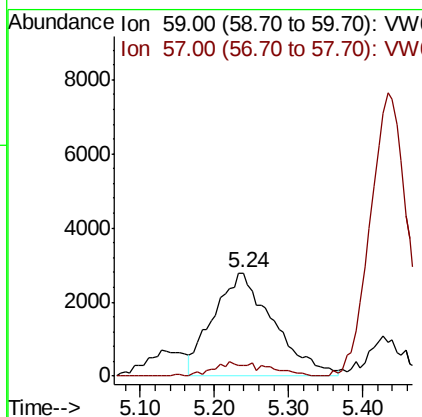
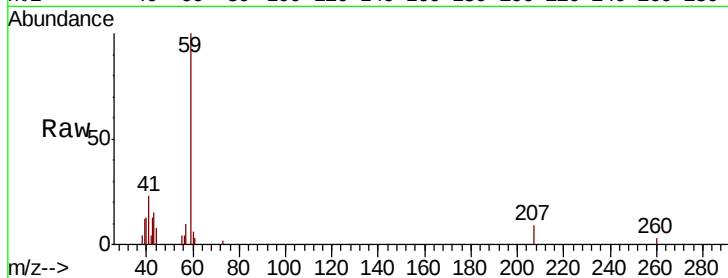
#11
Tert butyl alcohol
Concen: 69.49 ug/l
RT: 5.24 min Scan# 547
Delta R.T. 0.02 min
Lab File: VW005425.D
Acq: 17 Sep 2018 11:40

Instrument :
MSVOA_W
ClientSampled :
VW0917SBS01

Tot Ion: 59 Resp: 15596
Ion Ratio Lower Upper
59 100
57 8.4 8.6 13.0#

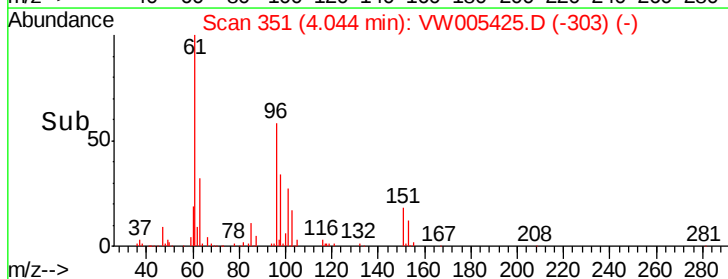
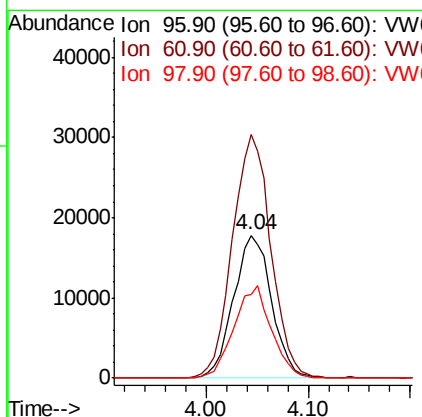
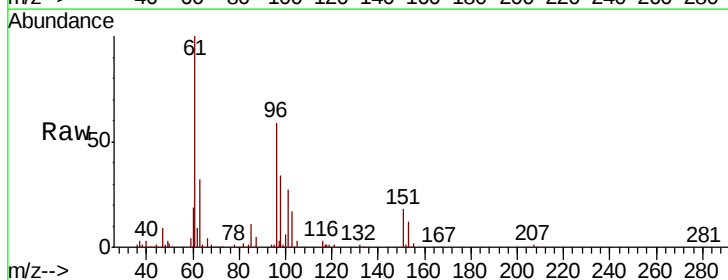
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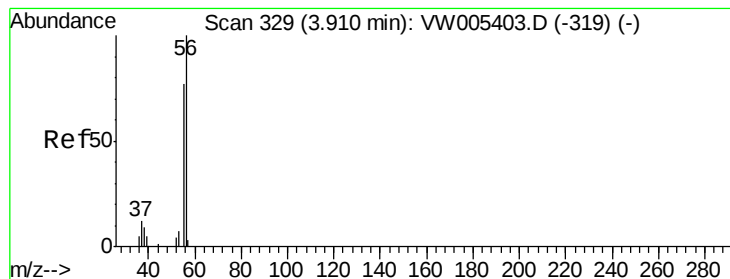
apatel
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#12
1,1-Dichloroethene
Concen: 19.94 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.01 min
Lab File: VW005425.D
Acq: 17 Sep 2018 11:40

Tgt Ion: 96 Resp: 46066
Ion Ratio Lower Upper
96 100
61 170.6 135.7 203.5
98 58.2 48.6 73.0





#13

Acrolein

Concen: 108.70 ug/l

RT: 3.91 min Scan# 329

Delta R.T. 0.00 min

Lab File: VW005425.D

Acq: 17 Sep 2018 11:40

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBS01

Tot Ion: 56 Resp: 14854

Ion Ratio Lower Upper

56 100

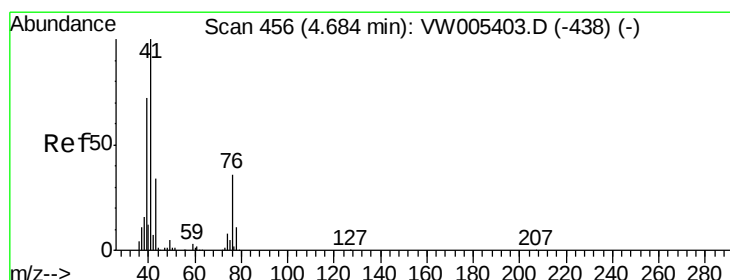
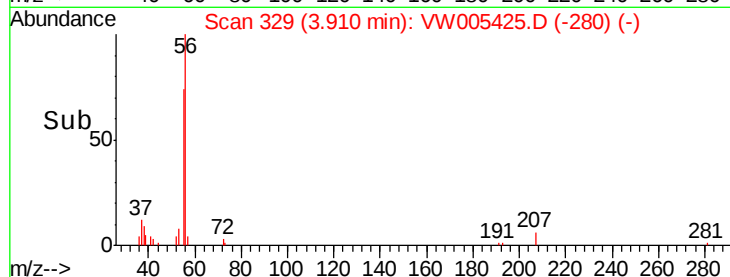
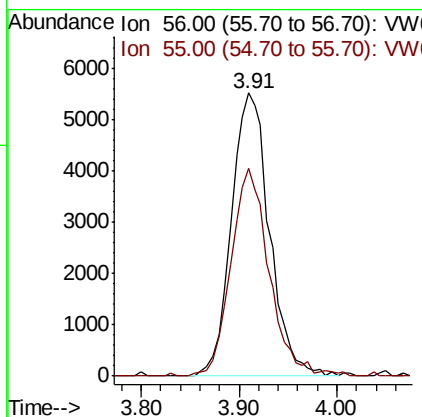
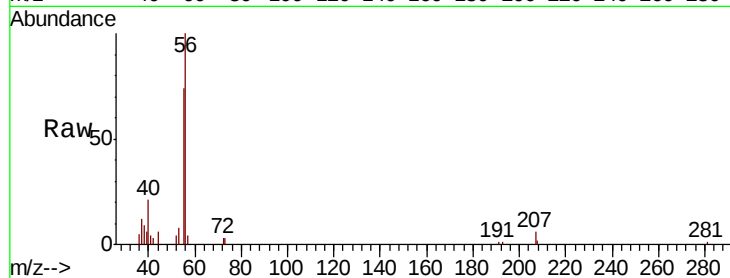
55 73.1 59.8 89.8

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#14

Allyl chloride

Concen: 20.52 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW005425.D

Acq: 17 Sep 2018 11:40

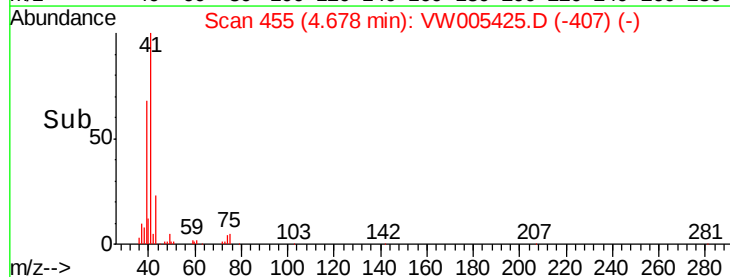
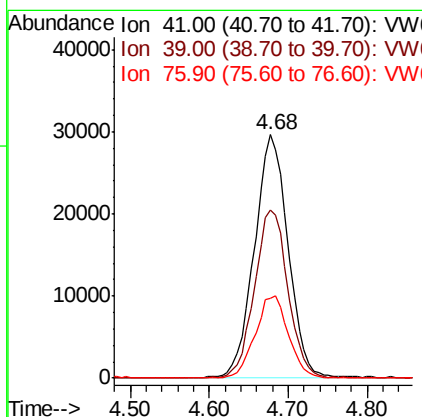
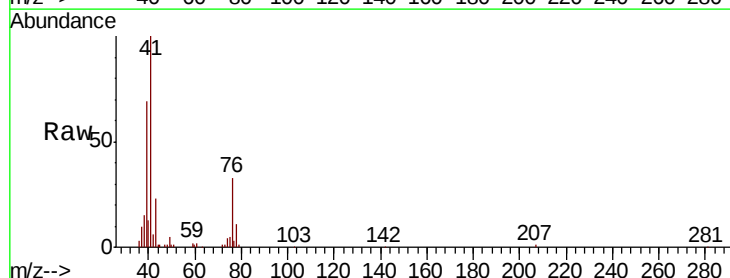
Tgt Ion: 41 Resp: 88193

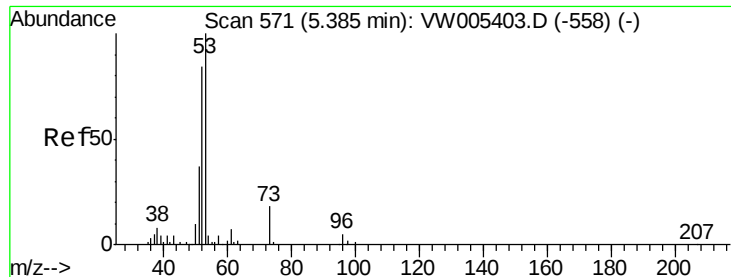
Ion Ratio Lower Upper

41 100

39 69.0 58.6 88.0

76 33.2 27.4 41.0





#15

Acrylonitrile

Concen: 88.68 ug/l

RT: 5.39 min Scan# 572

Delta R.T. 0.01 min

Lab File: VW005425.D

Acq: 17 Sep 2018 11:40

Instrument :

MSVOA_W

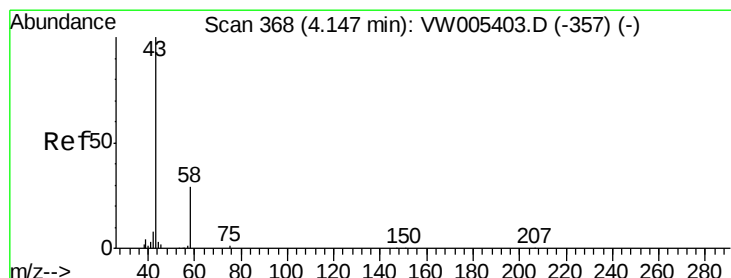
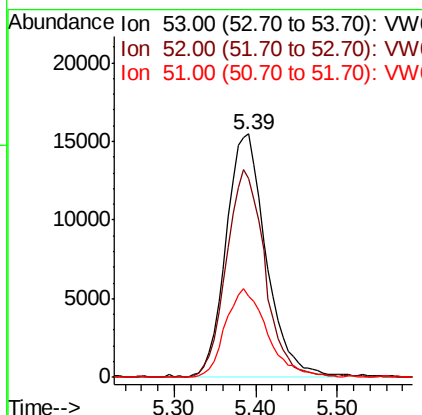
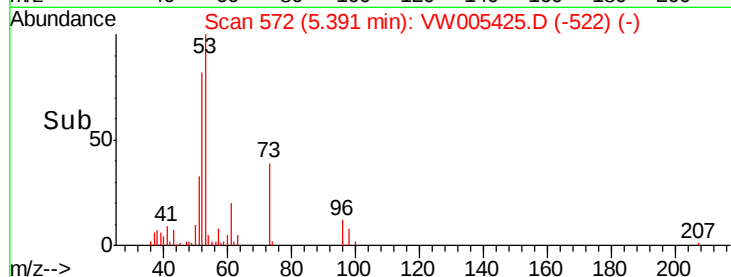
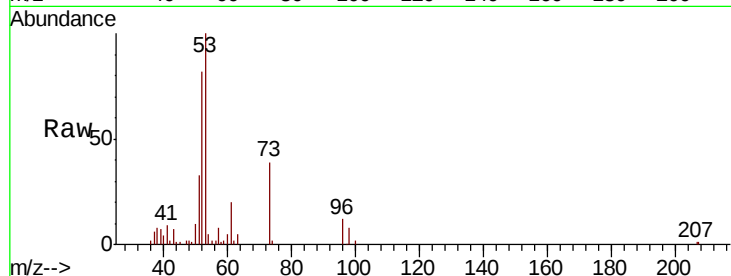
ClientSampleId :

VW0917SBS01

Tot Ion:	53	Resp:	52724
Ion Ratio	Lower	Upper	
53	100		
52	82.1	66.6	99.8
51	38.1	31.1	46.7

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#16

Acetone

Concen: 75.99 ug/l

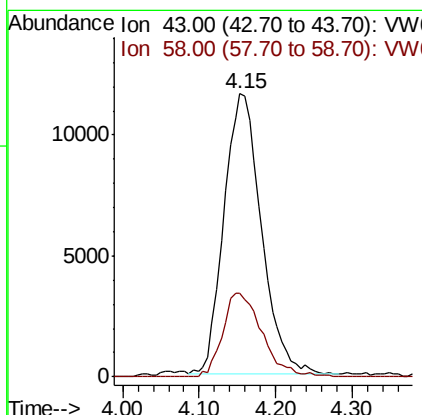
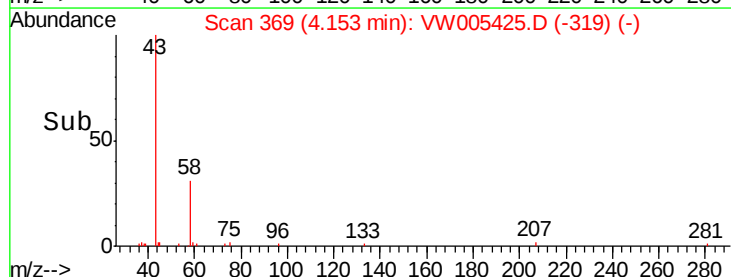
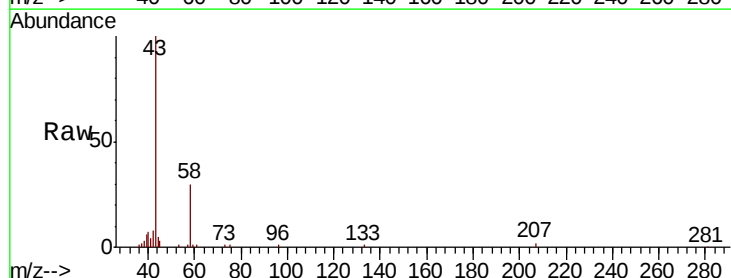
RT: 4.15 min Scan# 369

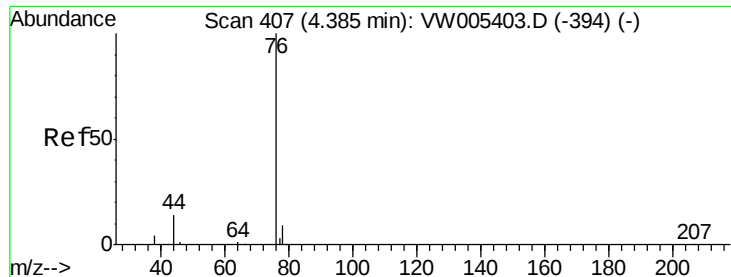
Delta R.T. 0.01 min

Lab File: VW005425.D

Acq: 17 Sep 2018 11:40

Tgt Ion:	43	Resp:	39455
Ion Ratio	Lower	Upper	
43	100		
58	30.1	22.8	34.2





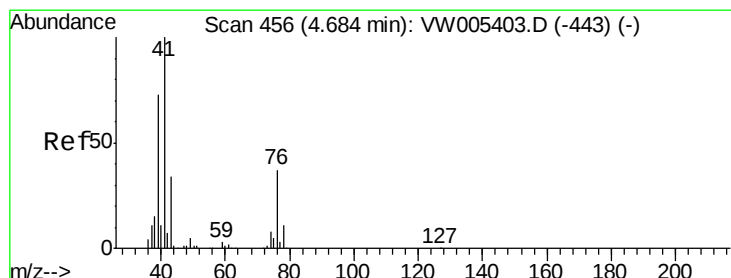
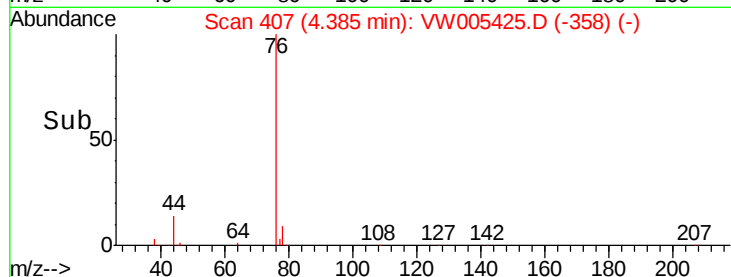
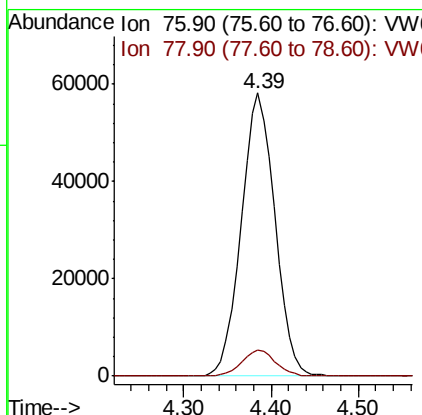
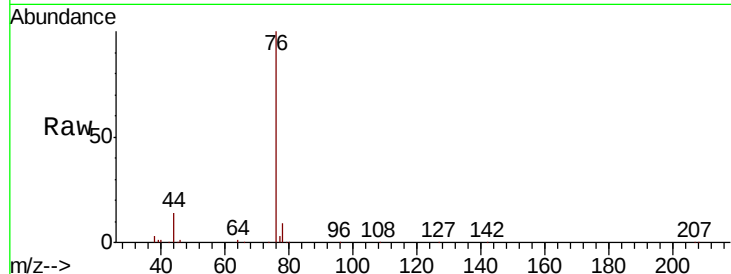
#17
Carbon Disulfide
Concen: 19.12 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW005425.D
Acq: 17 Sep 2018 11:40

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.4	11.0

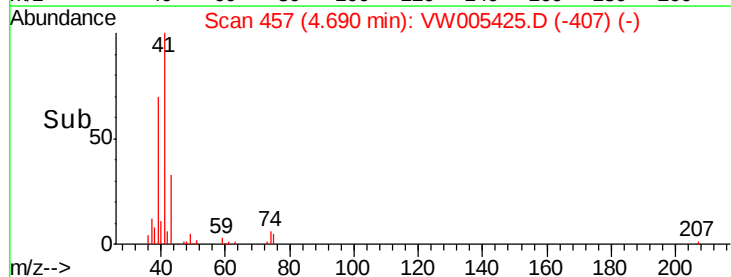
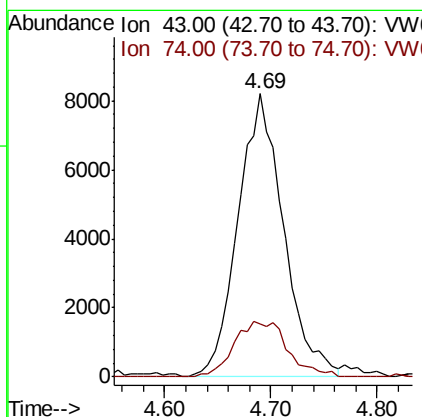
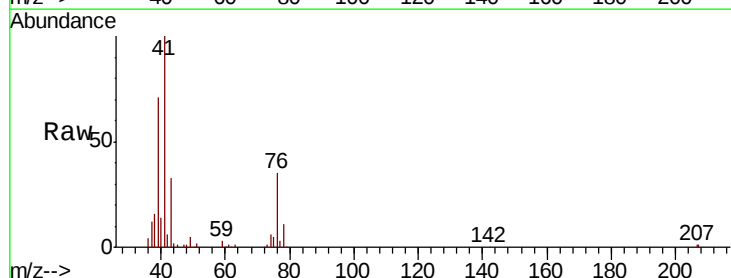
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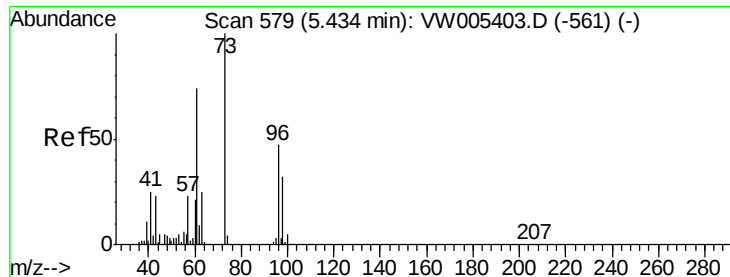
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#18
Methyl Acetate
Concen: 16.51 ug/l
RT: 4.69 min Scan# 457
Delta R.T. 0.01 min
Lab File: VW005425.D
Acq: 17 Sep 2018 11:40

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.0	17.7	26.5





#19

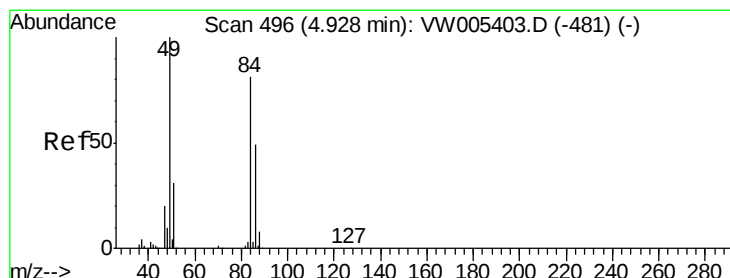
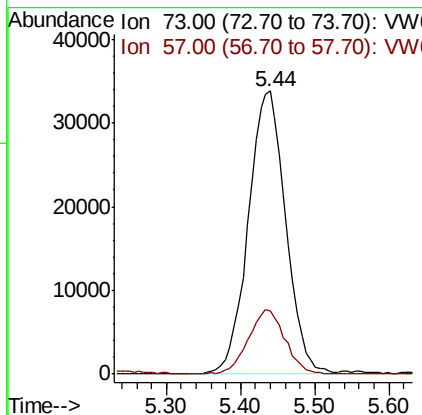
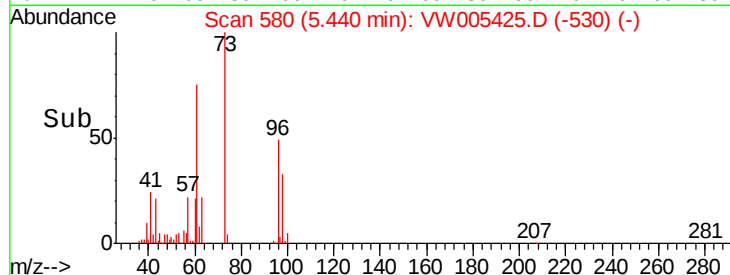
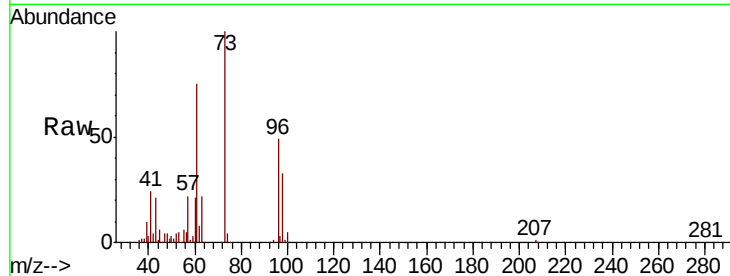
Methyl tert-butyl Ether
 Concen: 18.97 ug/l
 RT: 5.44 min Scan# 580
 Delta R.T. 0.01 min
 Lab File: VW005425.D
 Acq: 17 Sep 2018 11:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	18.6	28.0

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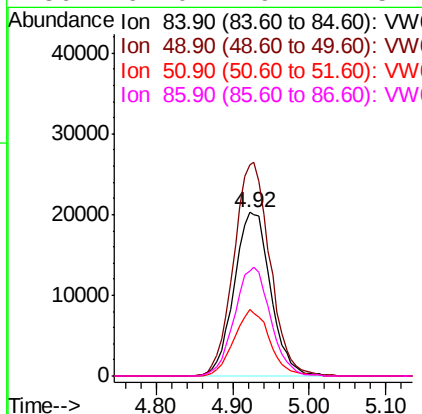
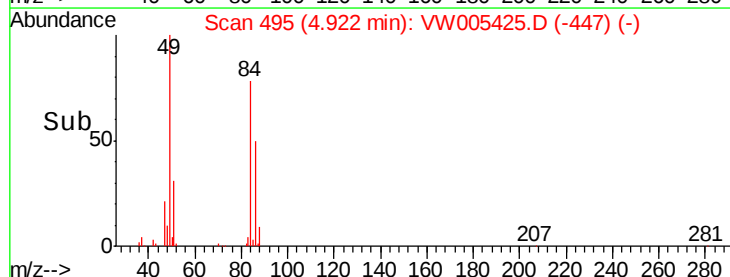
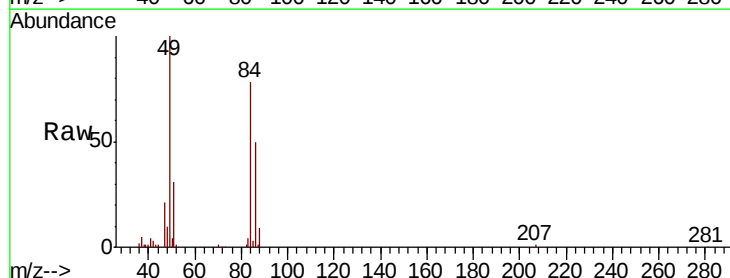
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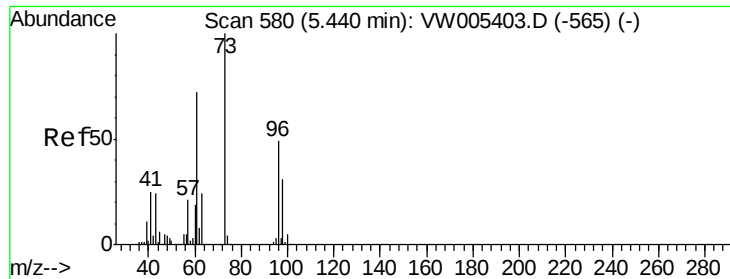


#20

Methylene Chloride
 Concen: 18.09 ug/l
 RT: 4.92 min Scan# 495
 Delta R.T. -0.01 min
 Lab File: VW005425.D
 Acq: 17 Sep 2018 11:40

Tgt Ion	Ratio	Lower	Upper
84	100		
49	128.7	99.3	148.9
51	40.3	31.1	46.7
86	64.0	49.1	73.7





#21

trans-1,2-Dichloroethene

Concen: 19.69 ug/l

RT: 5.43 min Scan# 579

Delta R.T. -0.01 min

Lab File: VW005425.D

Acq: 17 Sep 2018 11:40

Instrument :

MSVOA_W

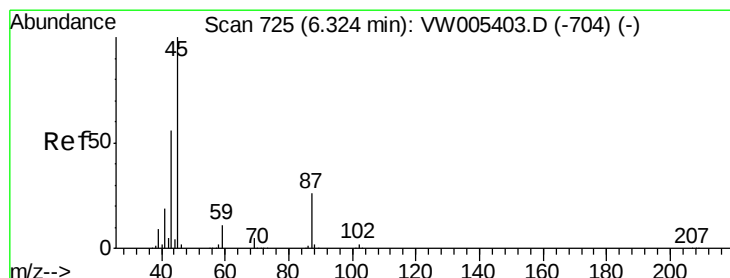
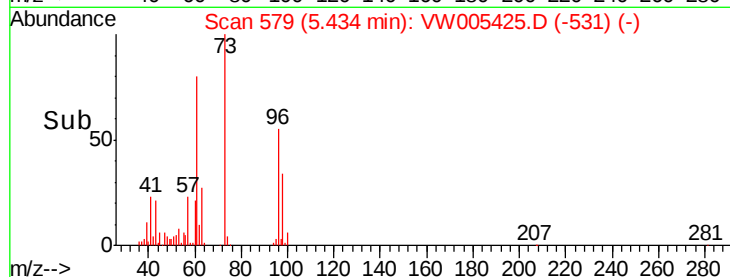
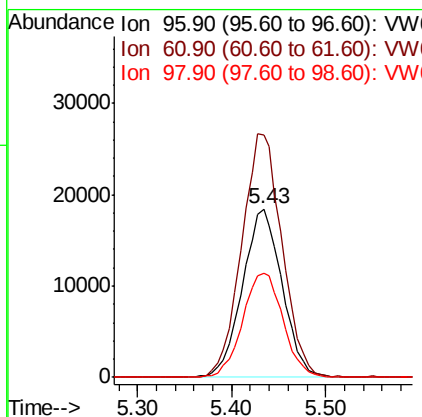
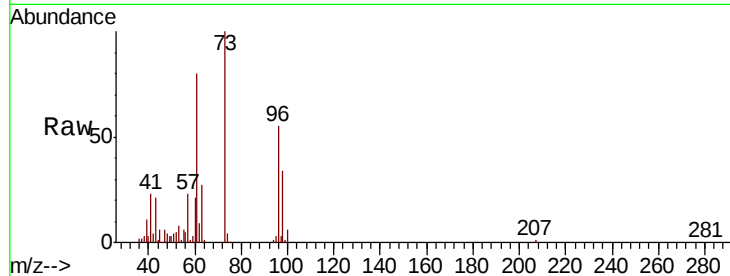
ClientSampleId :

VW0917SBS01

Tot Ion:	96	Resp:	54313
Ion	Ratio	Lower	Upper
96	100		
61	144.3	116.7	175.1
98	61.8	51.0	76.6

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#22

Diisopropyl ether

Concen: 20.15 ug/l

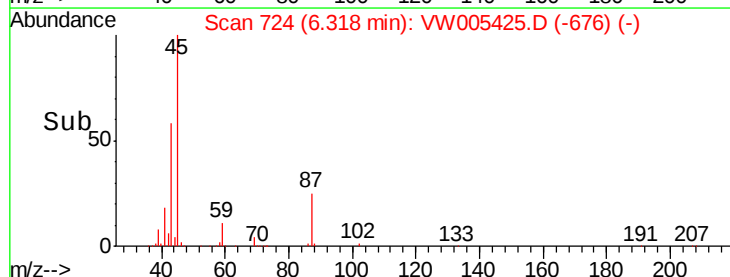
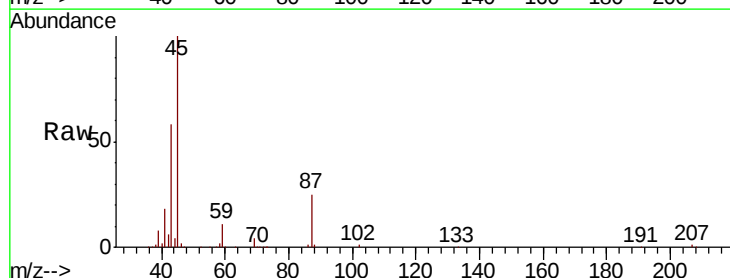
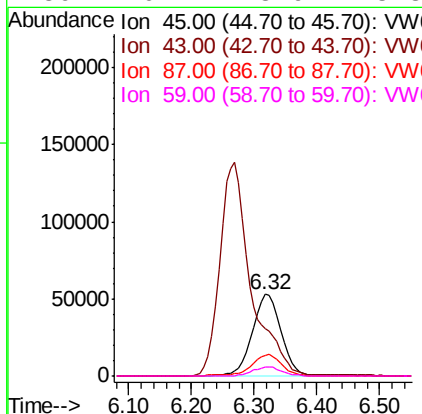
RT: 6.32 min Scan# 724

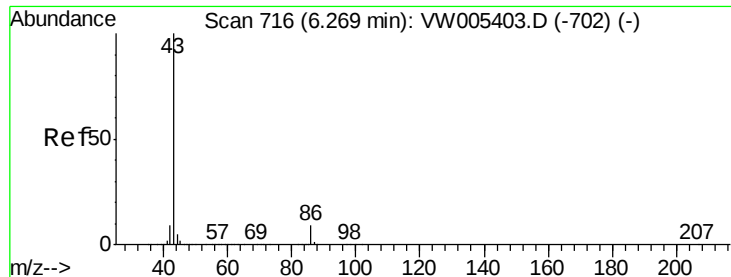
Delta R.T. -0.01 min

Lab File: VW005425.D

Acq: 17 Sep 2018 11:40

Tgt Ion:	45	Resp:	170273
Ion	Ratio	Lower	Upper
45	100		
43	57.6	44.6	67.0
87	24.6	20.6	31.0
59	10.7	8.9	13.3





#23

Vinyl Acetate

Concen: 98.29 ug/l

RT: 6.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: VW005425.D

Acq: 17 Sep 2018 11:40

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBS01

Tot Ion: 43 Resp: 473239

Ion Ratio Lower Upper

43 100

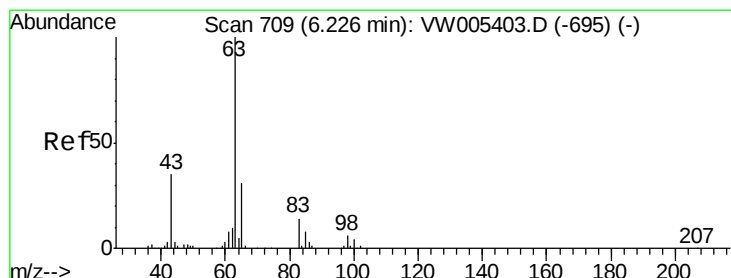
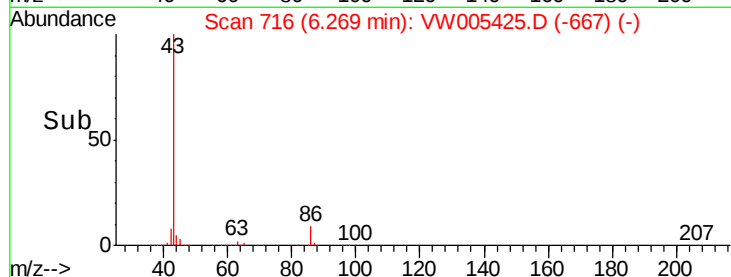
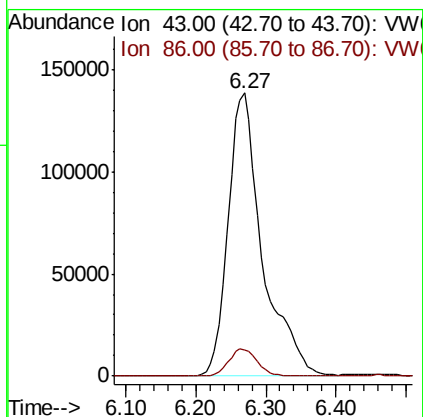
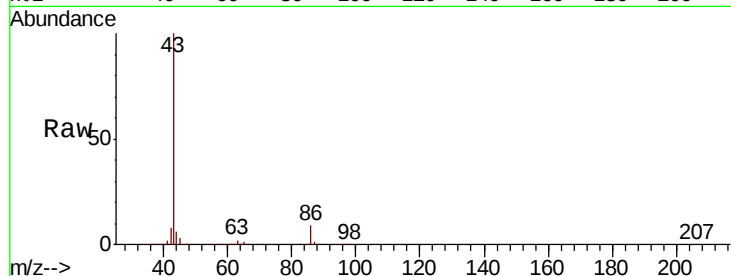
86 9.4 7.5 11.3

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#24

1,1-Dichloroethane

Concen: 19.39 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.01 min

Lab File: VW005425.D

Acq: 17 Sep 2018 11:40

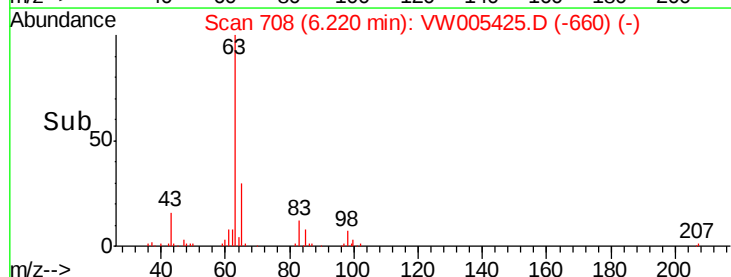
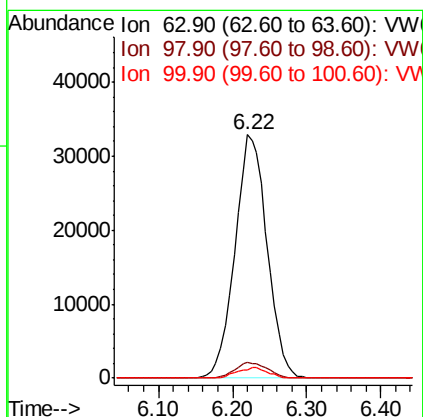
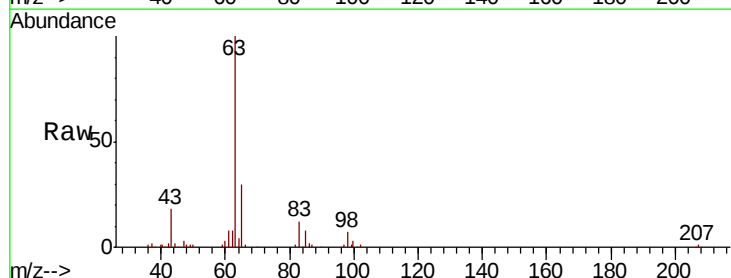
Tgt Ion: 63 Resp: 99423

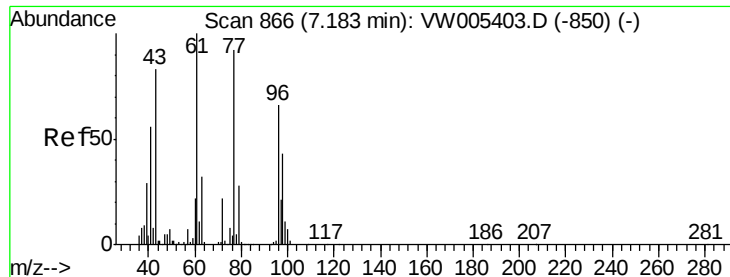
Ion Ratio Lower Upper

63 100

98 6.7 2.9 8.8

100 3.2 2.3 6.8





#25

2-Butanone

Concen: 91.68 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW005425.D

Acq: 17 Sep 2018 11:40

Instrument :

MSVOA_W

ClientSampled :

VW0917SBS01

Tot Ion: 43 Resp: 68345

Ion Ratio Lower Upper

43 100

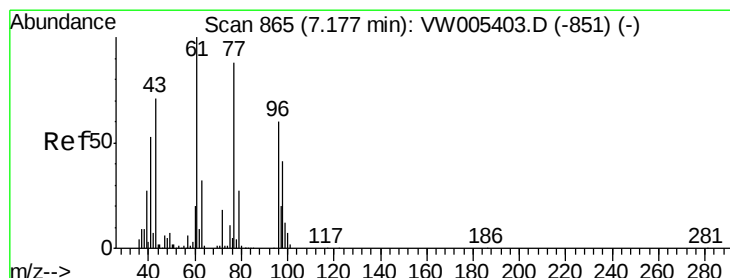
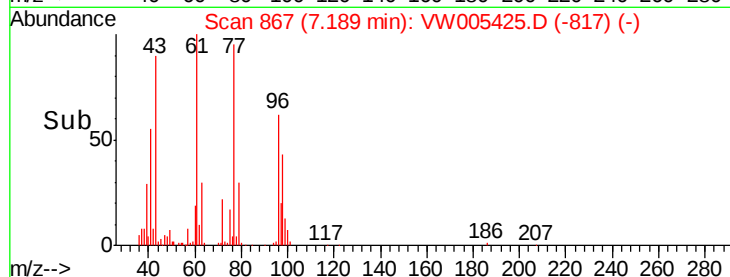
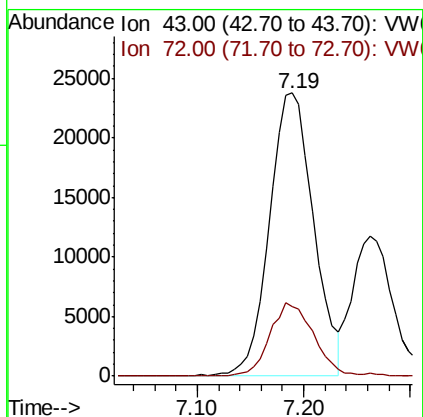
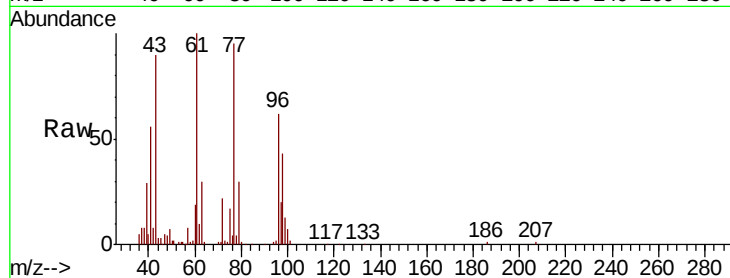
72 24.6 21.1 31.7

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#26

2,2-Dichloropropane

Concen: 20.89 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW005425.D

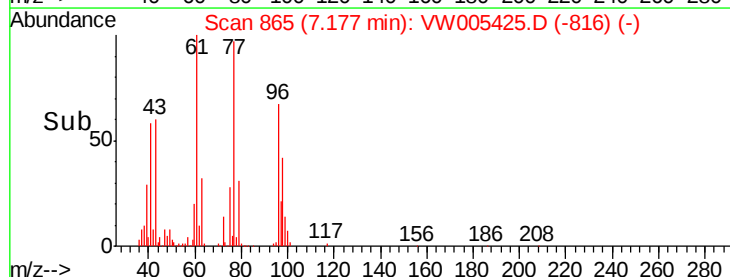
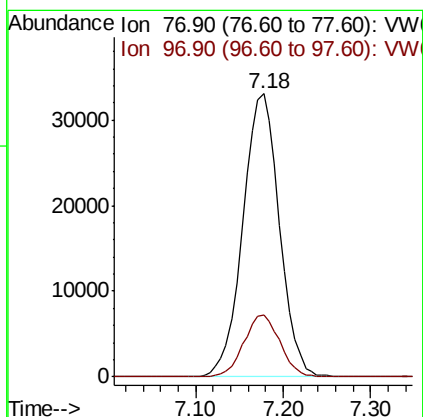
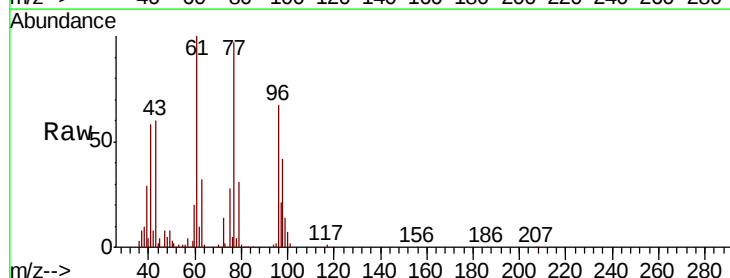
Acq: 17 Sep 2018 11:40

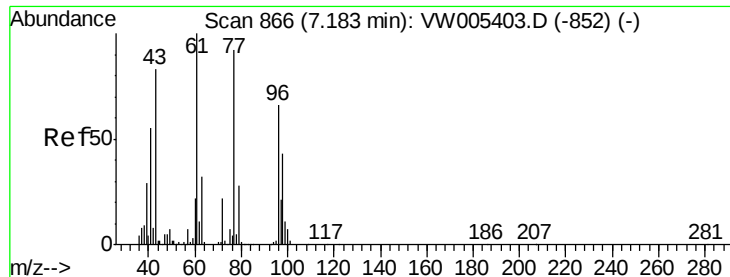
Tgt Ion: 77 Resp: 96063

Ion Ratio Lower Upper

77 100

97 21.7 10.7 32.1





#27

cis-1,2-Dichloroethene

Concen: 19.37 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW005425.D

Acq: 17 Sep 2018 11:40

Instrument :

MSVOA_W

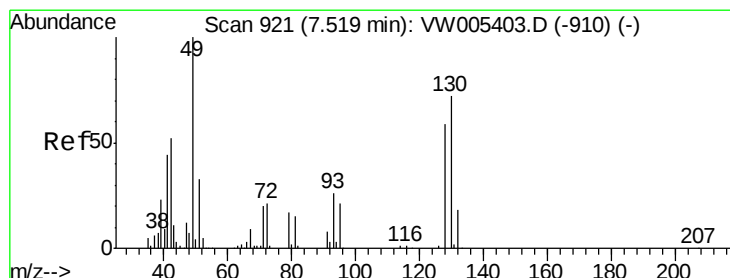
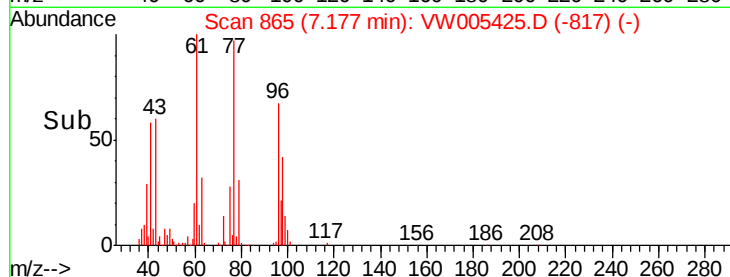
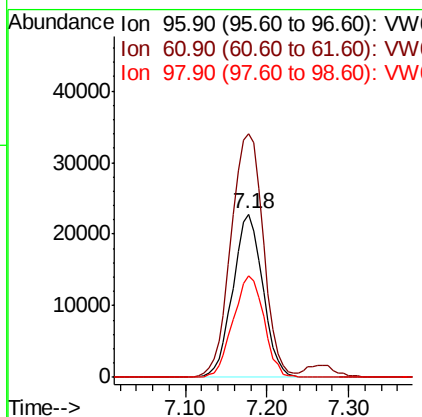
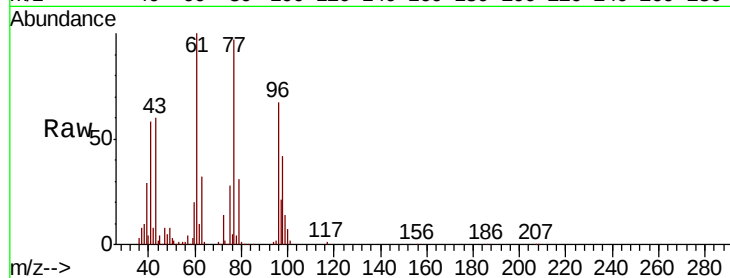
ClientSampleId :

VW0917SBS01

Tot Ion:	96	Resp:	58131
Ion Ratio	Lower	Upper	
96	100		
61	161.0	0.0	316.0
98	63.9	0.0	130.8

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#28

Bromochloromethane

Concen: 18.87 ug/l

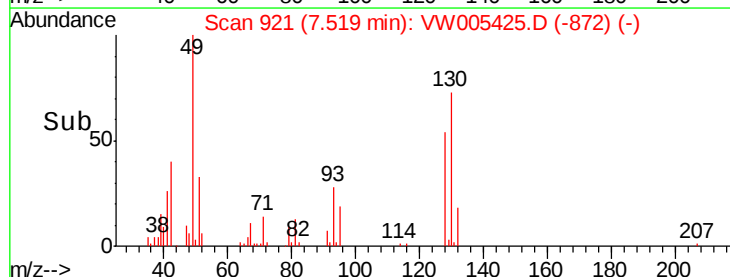
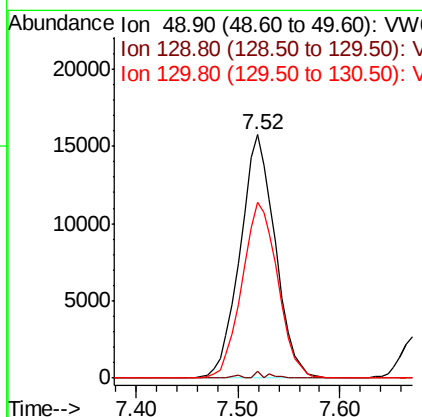
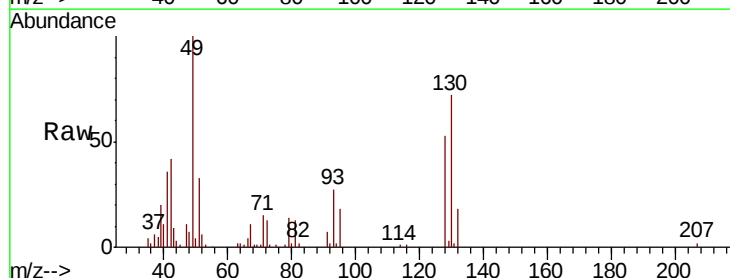
RT: 7.52 min Scan# 921

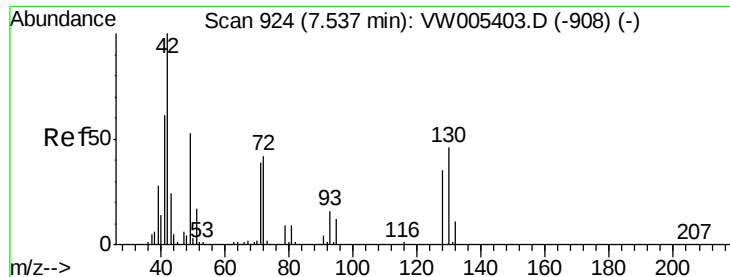
Delta R.T. 0.00 min

Lab File: VW005425.D

Acq: 17 Sep 2018 11:40

Tgt Ion:	49	Resp:	37626
Ion Ratio	Lower	Upper	
49	100		
129	0.4	0.0	1.0
130	73.7	61.4	92.2





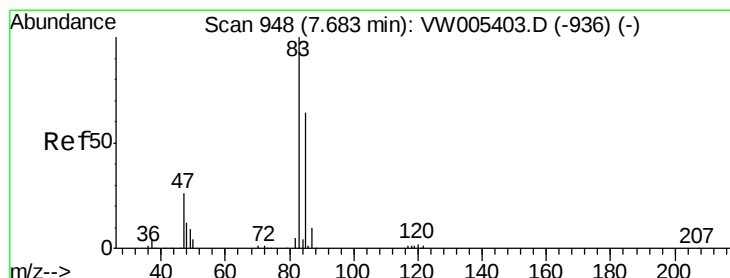
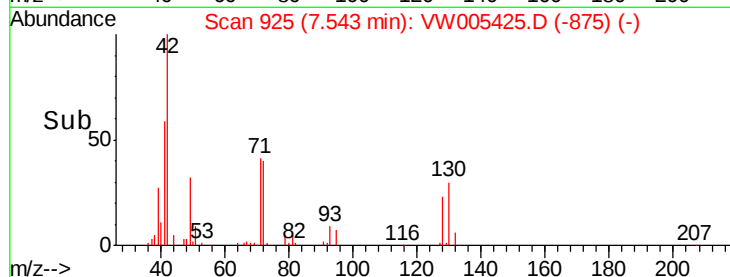
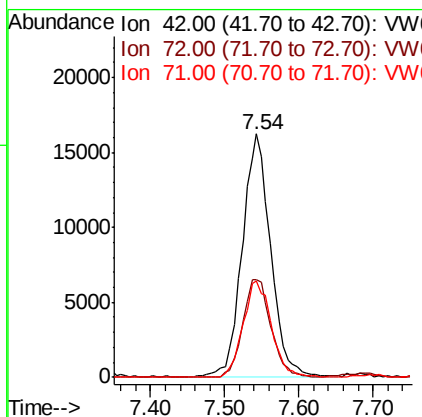
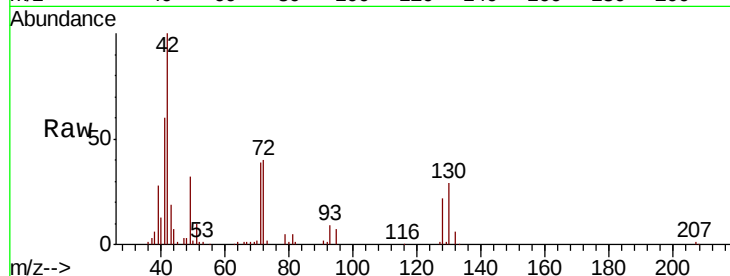
#29
Tetrahydrofuran
Concen: 91.73 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW005425.D
Acq: 17 Sep 2018 11:40

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.8	33.2	49.8
71	39.3	31.0	46.6

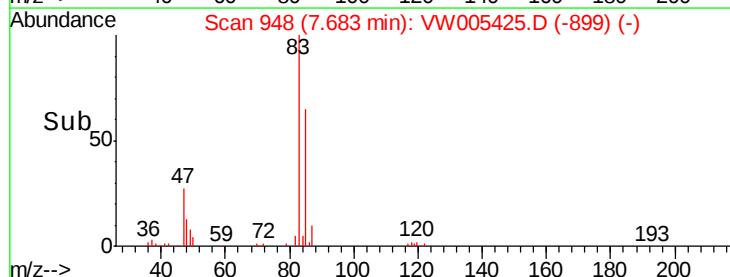
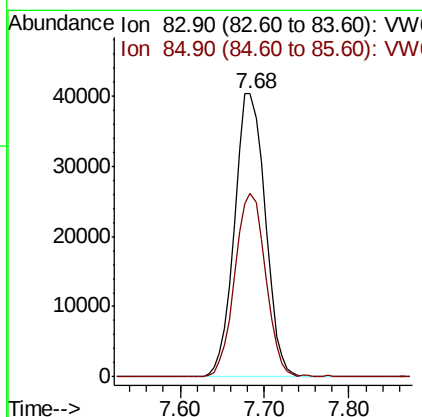
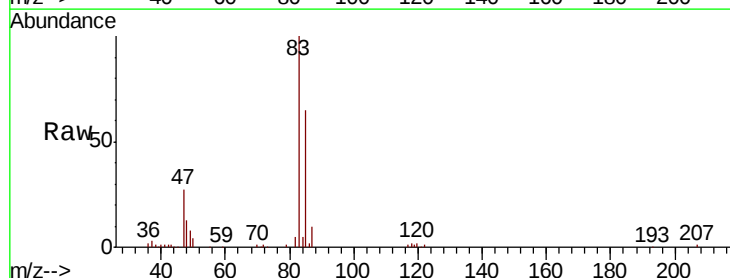
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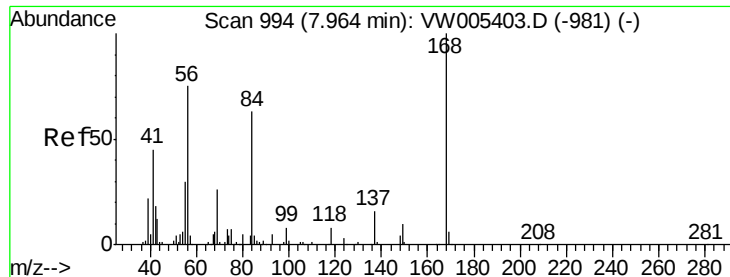
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#30
Chloroform
Concen: 18.73 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.00 min
Lab File: VW005425.D
Acq: 17 Sep 2018 11:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.5	77.3





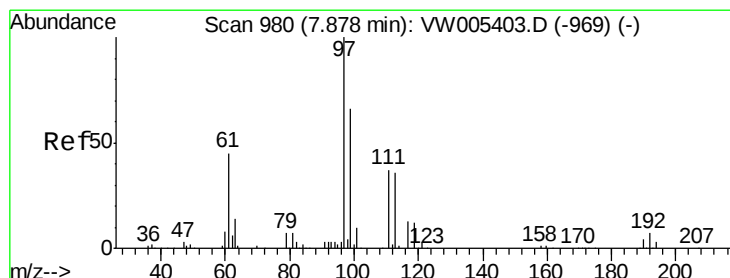
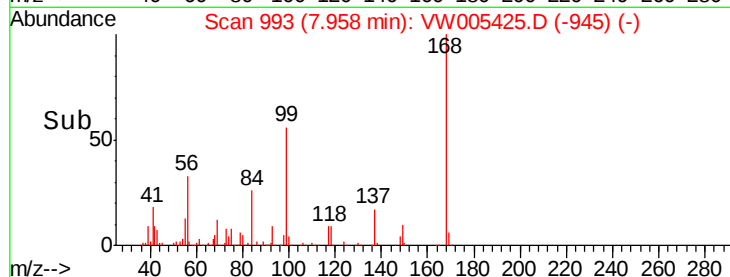
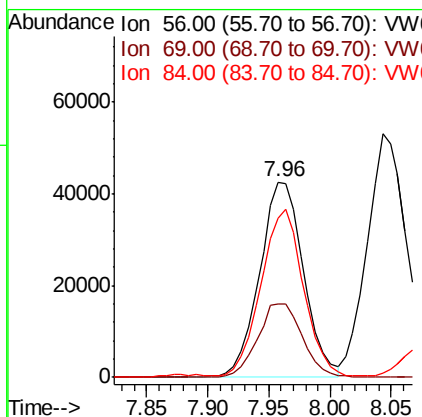
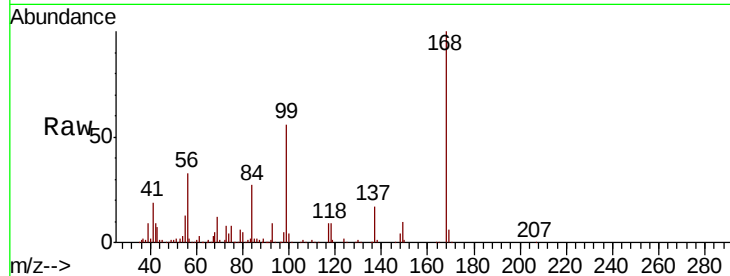
#31
Cyclohexane
Concen: 21.49 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.01 min
Lab File: VW005425.D
Acq: 17 Sep 2018 11:40

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.8	27.2	40.8
84	80.7	66.7	100.1

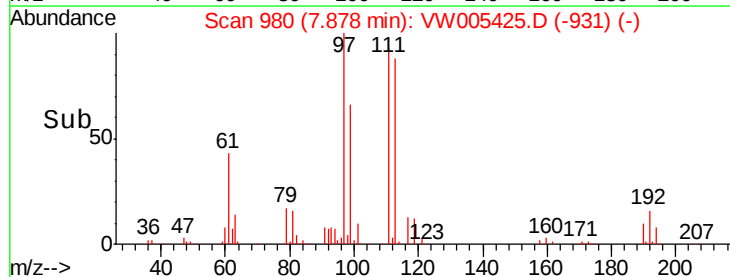
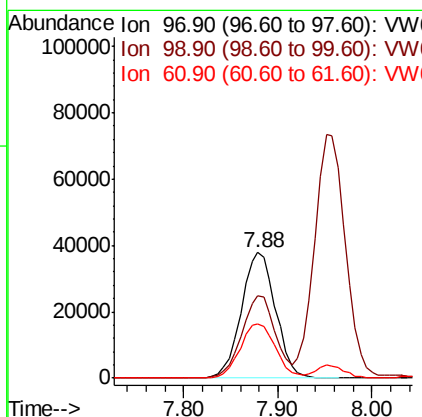
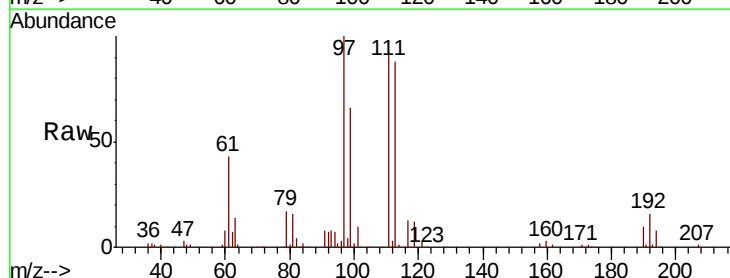
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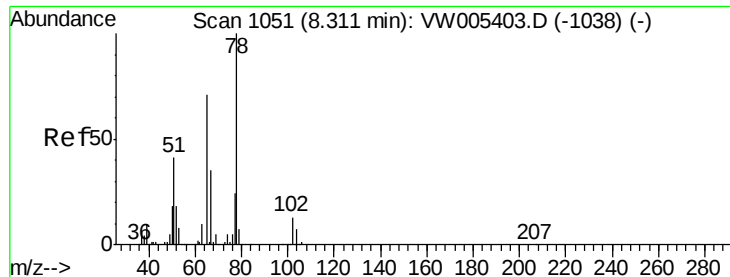
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#32
1,1,1-Trichloroethane
Concen: 19.53 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW005425.D
Acq: 17 Sep 2018 11:40

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.5	77.3
61	44.7	35.8	53.6





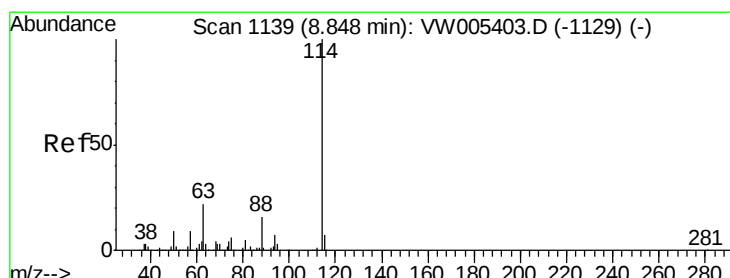
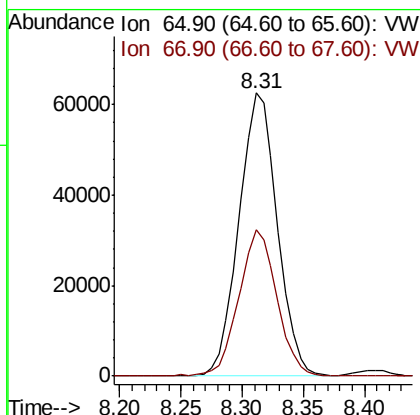
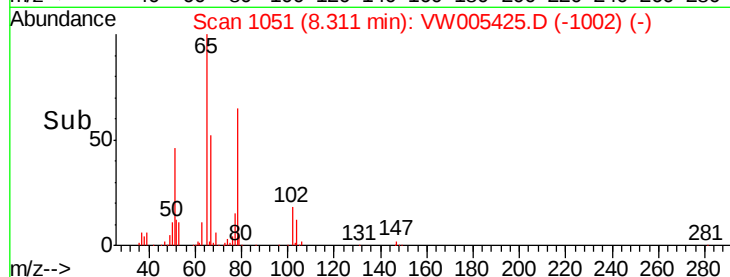
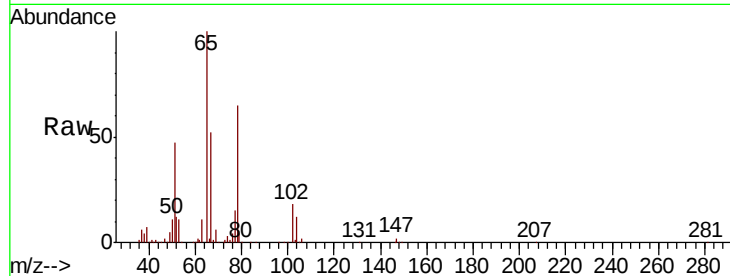
#33
 1,2-Dichloroethane-d4
 Concen: 43.93 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW005425.D
 Acq: 17 Sep 2018 11:40

Instrument :
 MSVOA_W
 ClientSampled :
 VW0917SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.2	0.0	100.6	

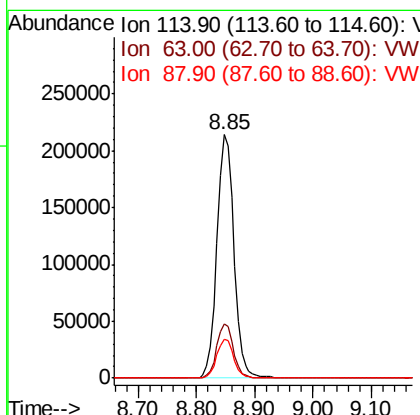
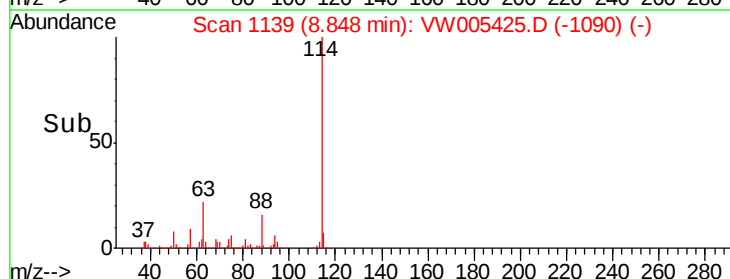
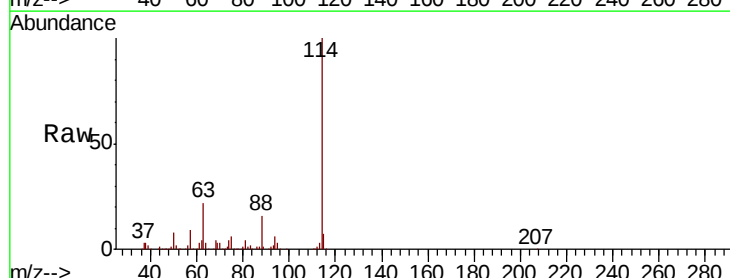
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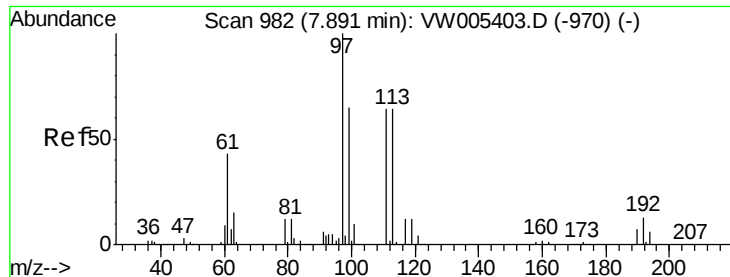
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005425.D
 Acq: 17 Sep 2018 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	22.2	0.0	43.4	
88	16.0	0.0	31.8	





#35

Dibromofluoromethane

Concen: 47.18 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW005425.D

Acq: 17 Sep 2018 11:40

Instrument :

MSVOA_W

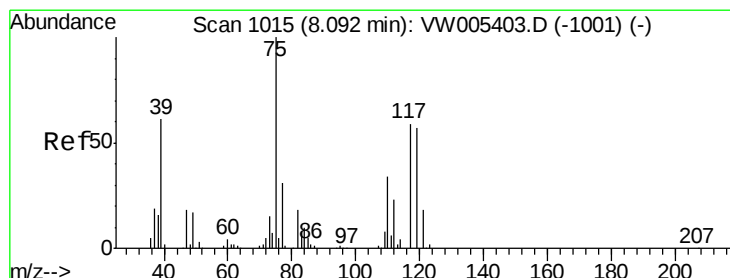
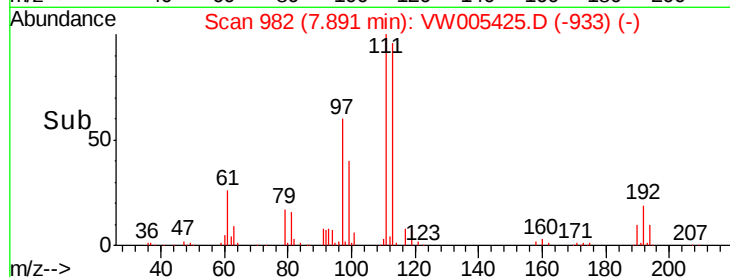
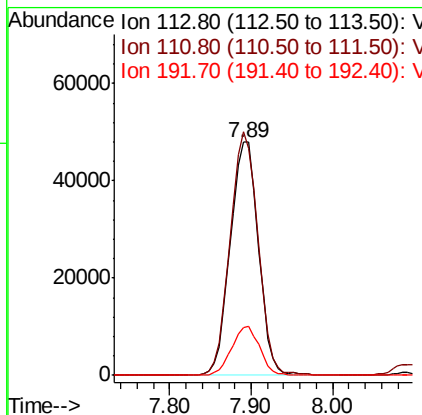
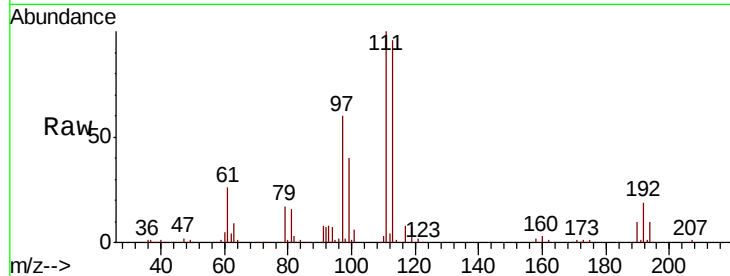
ClientSampleId :

VW0917SBS01

Tot Ion:	113	Resp:	114521
Ion Ratio	Lower	Upper	
113	100		
111	103.2	82.3	123.5
192	20.5	16.5	24.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 20.67 ug/l

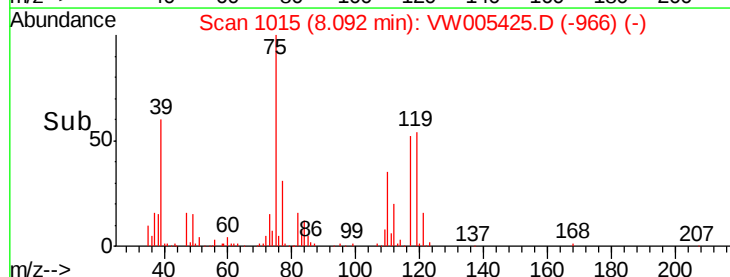
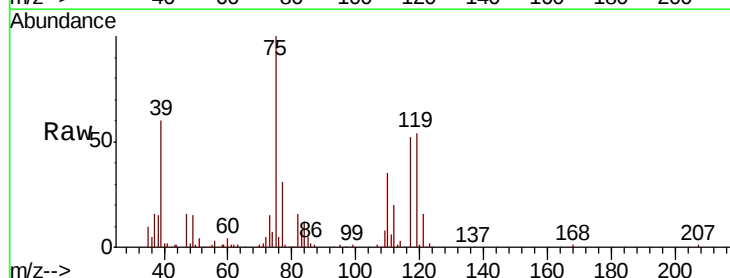
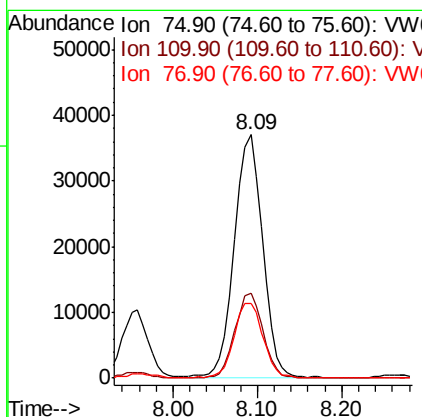
RT: 8.09 min Scan# 1015

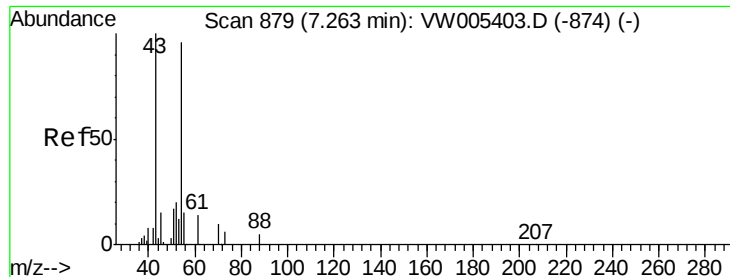
Delta R.T. 0.00 min

Lab File: VW005425.D

Acq: 17 Sep 2018 11:40

Tgt Ion:	75	Resp:	84661
Ion Ratio	Lower	Upper	
75	100		
110	34.3	16.8	50.4
77	31.6	24.2	36.4





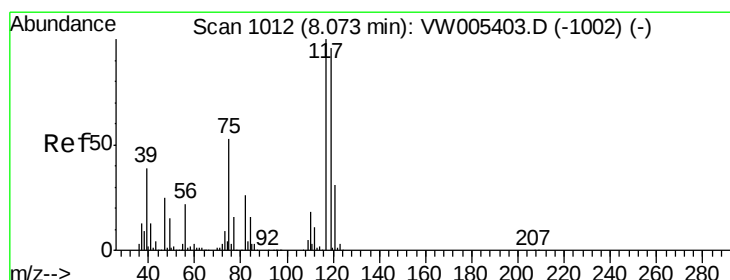
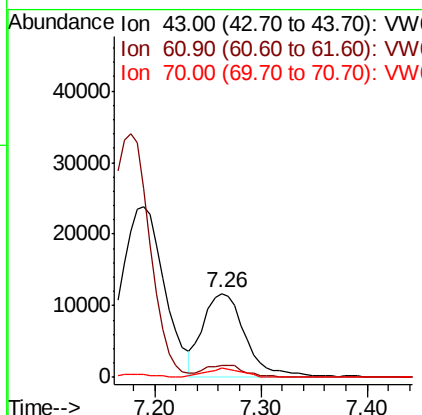
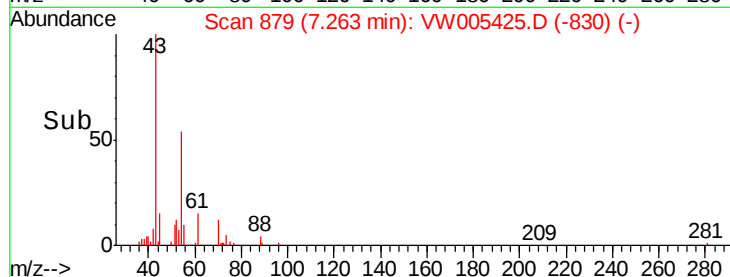
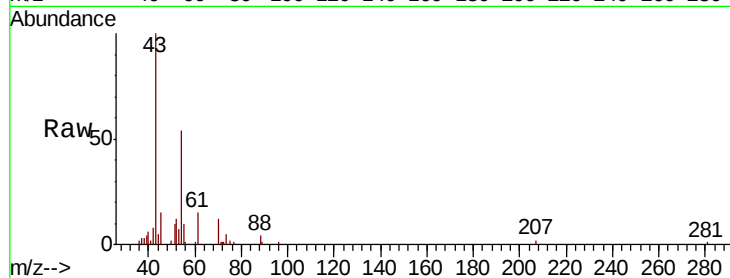
#37
Ethyl Acetate
Concen: 19.11 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: VW005425.D
Acq: 17 Sep 2018 11:40

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS01

Tot Ion:	43	Resp:	31837
Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.3	16.9
70	9.7	8.2	12.4

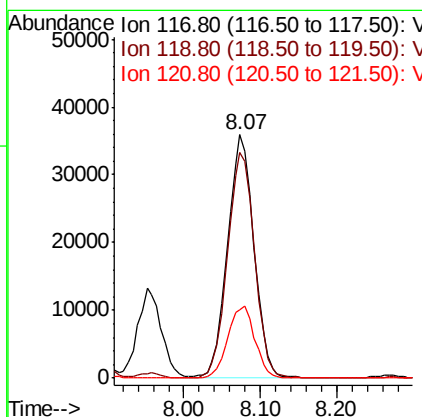
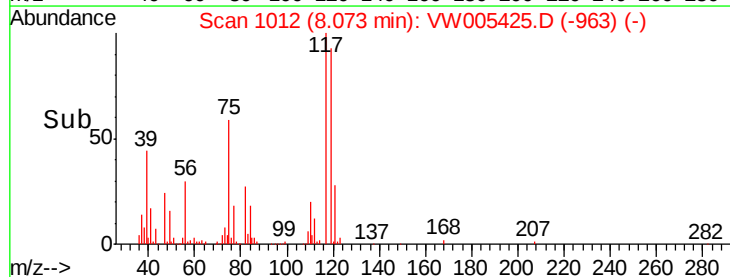
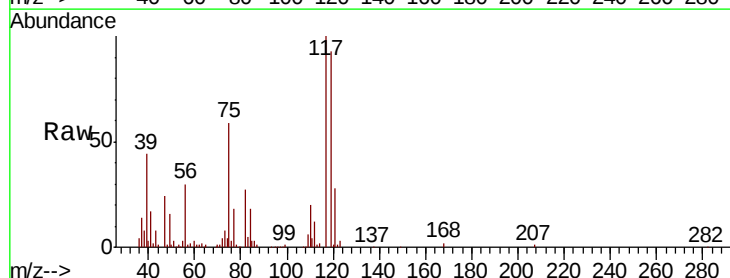
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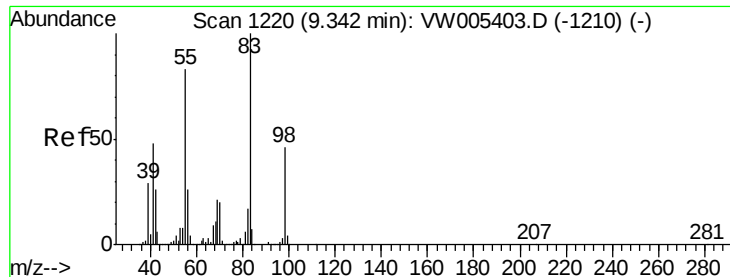
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#38
Carbon Tetrachloride
Concen: 20.09 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW005425.D
Acq: 17 Sep 2018 11:40

Tgt Ion:	117	Resp:	85744
Ion	Ratio	Lower	Upper
117	100		
119	92.6	76.8	115.2
121	28.0	24.7	37.1





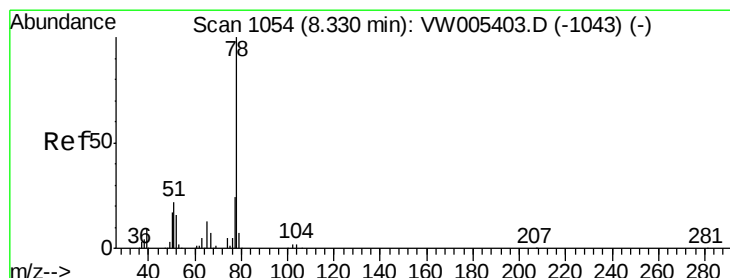
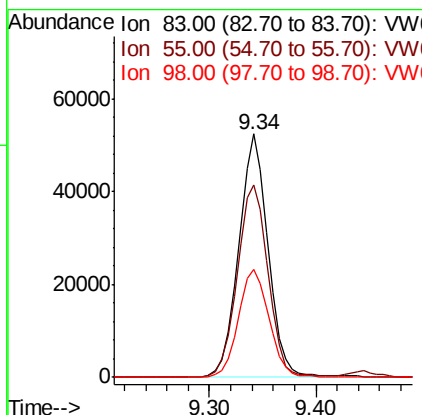
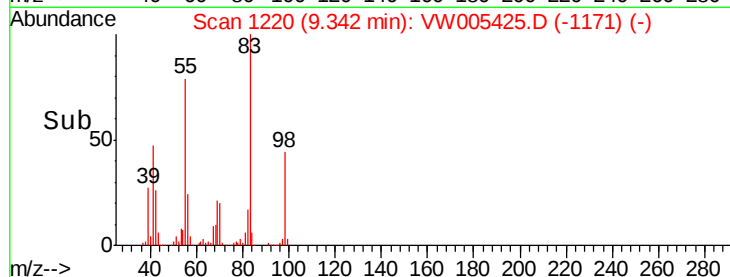
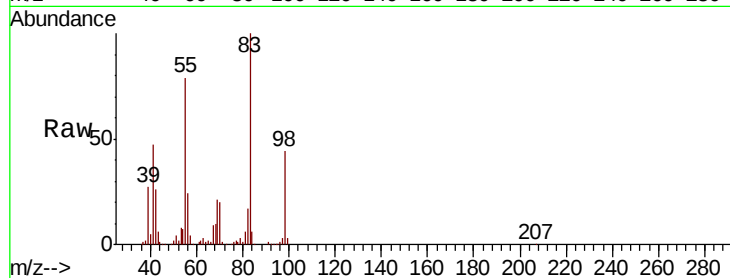
#39
Methvlcvclohexane
Concen: 21.34 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW005425.D
Acq: 17 Sep 2018 11:40

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	79.1	66.1	99.1	
98	44.1	36.7	55.1	

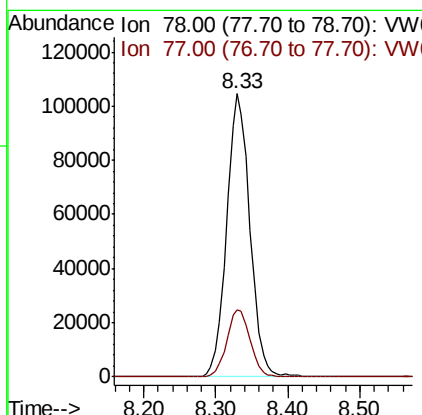
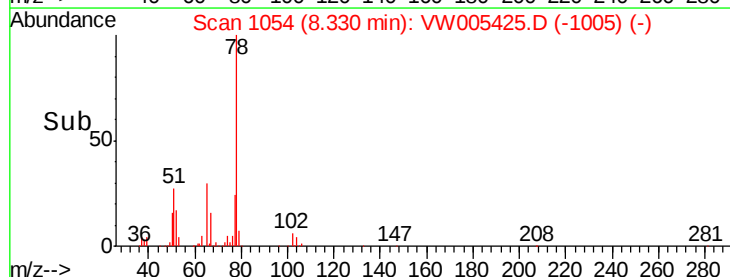
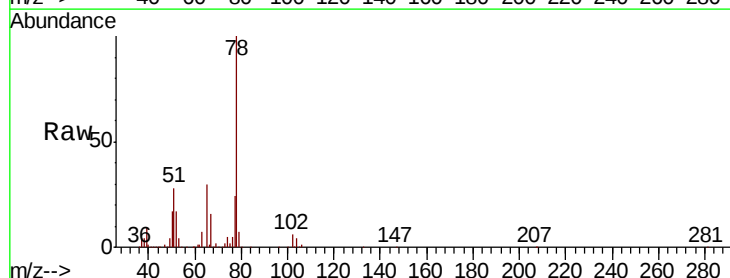
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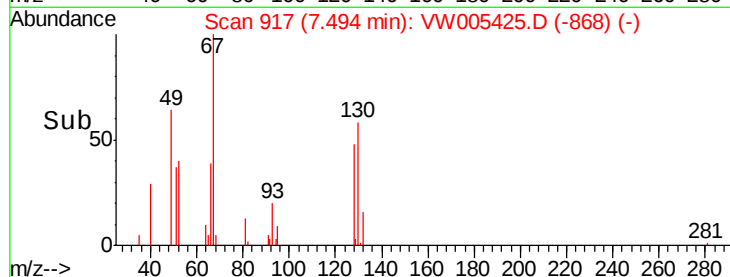
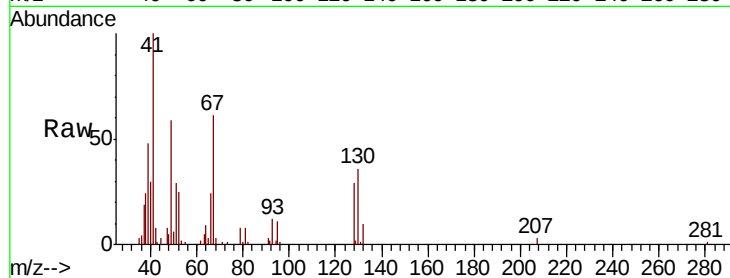
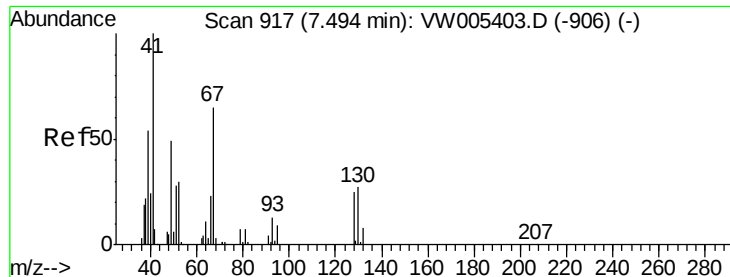
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#40
Benzene
Concen: 19.80 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW005425.D
Acq: 17 Sep 2018 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.8	19.3	28.9	





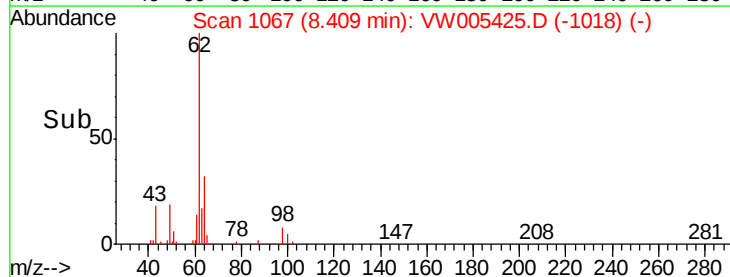
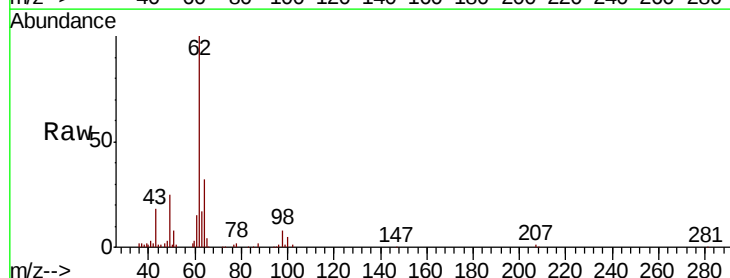
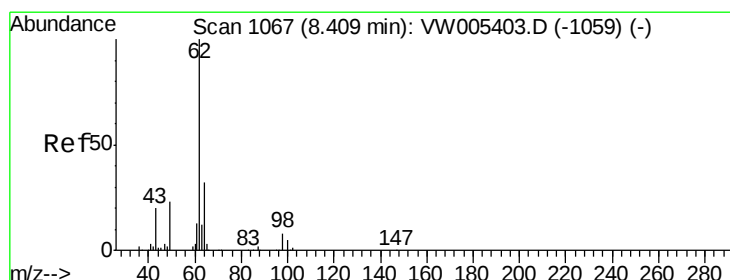
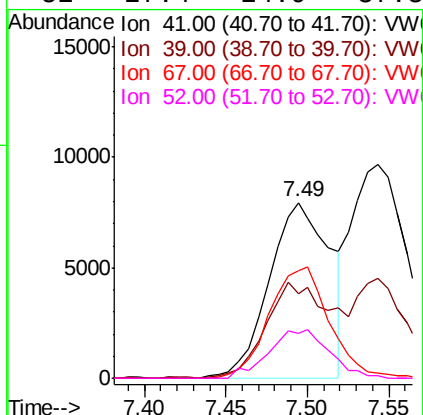
#41
Methacrylonitrile
Concen: 20.49 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.00 min
Lab File: VW005425.D
Acq: 17 Sep 2018 11:40

Tot Ion	Ratio	Lower	Upper
41	100		
39	60.8	44.6	67.0
67	62.9	53.6	80.4
52	27.4	24.9	37.3

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS01

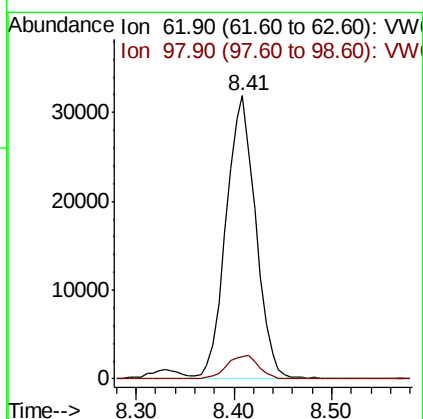
Manual Integrations
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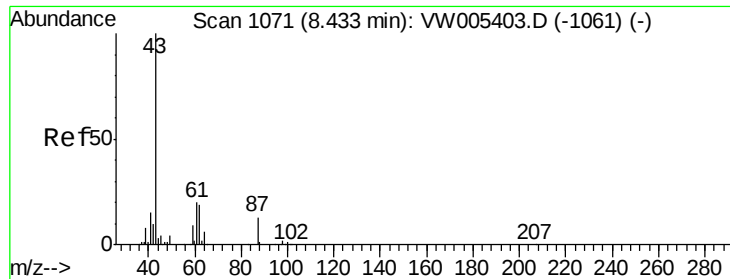
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#42
1,2-Dichloroethane
Concen: 18.07 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VW005425.D
Acq: 17 Sep 2018 11:40

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	15.6





#43

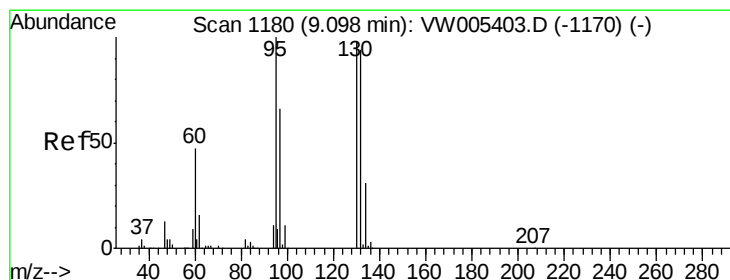
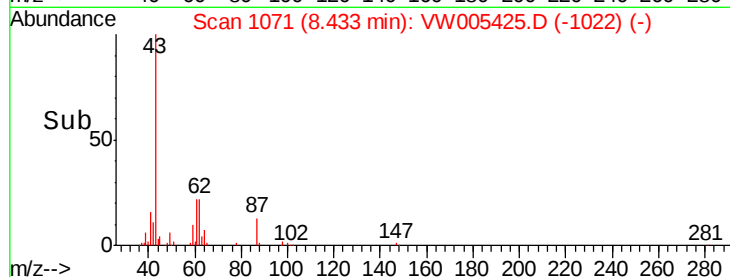
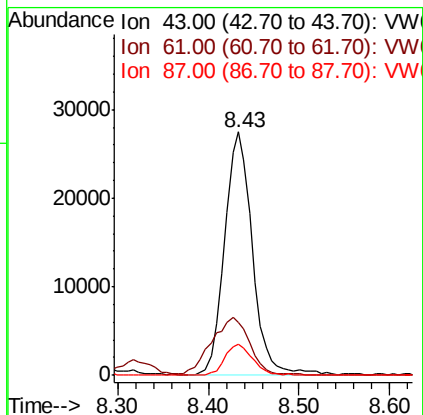
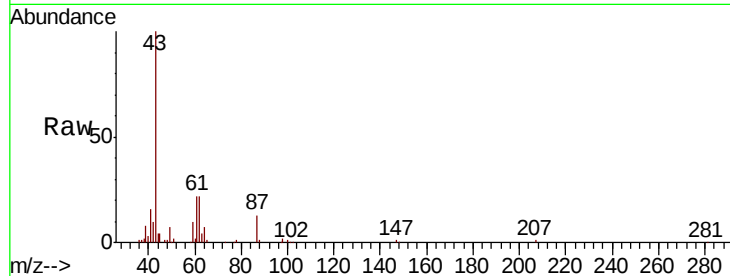
Isopropyl Acetate
 Concen: 17.95 ug/l
 RT: 8.43 min Scan# 1071
 Delta R.T. 0.00 min
 Lab File: VW005425.D
 Acq: 17 Sep 2018 11:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	33.3	23.8	35.6
87	12.9	10.1	15.1

Manual Integrations
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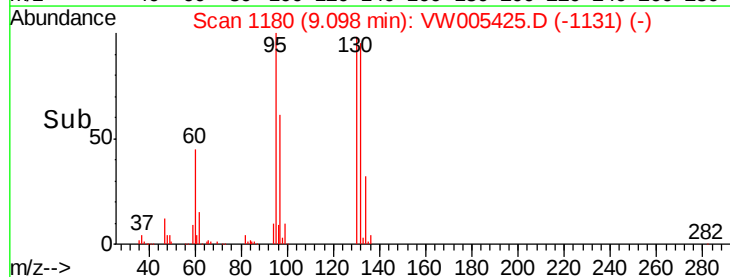
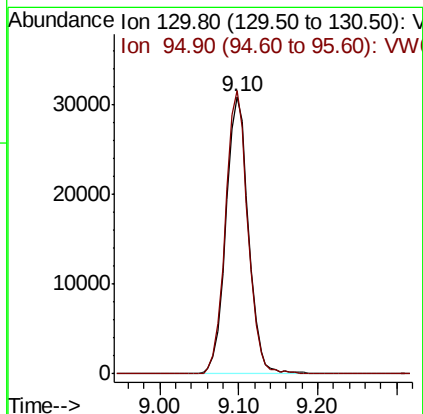
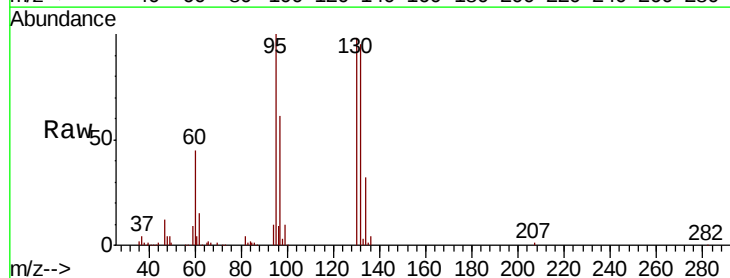
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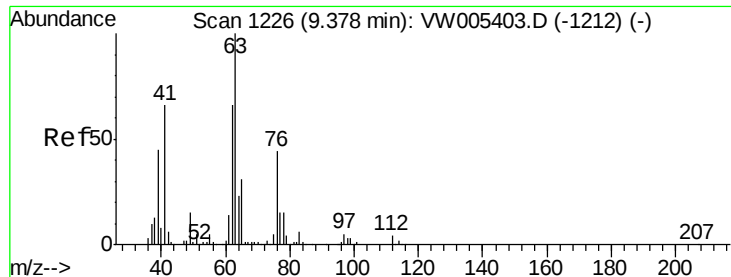


#44

Trichloroethene
 Concen: 20.05 ug/l
 RT: 9.10 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VW005425.D
 Acq: 17 Sep 2018 11:40

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.1	0.0	204.6





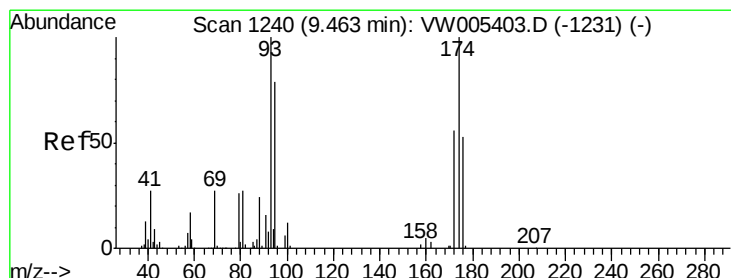
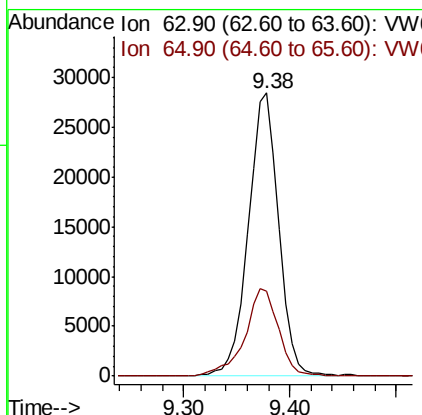
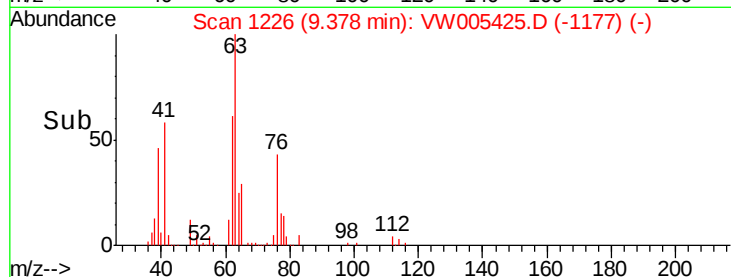
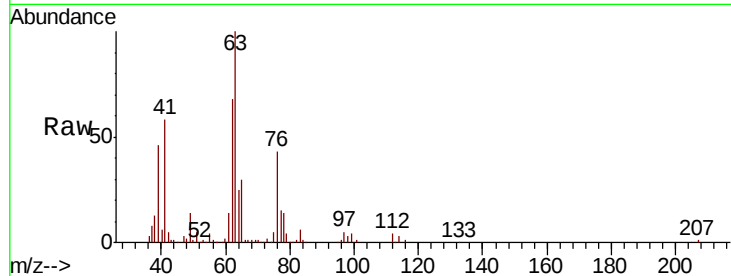
#45
 1,2-Dichloropropane
 Concen: 20.05 ug/l
 RT: 9.38 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: VW005425.D
 Acq: 17 Sep 2018 11:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.1	25.0	37.6

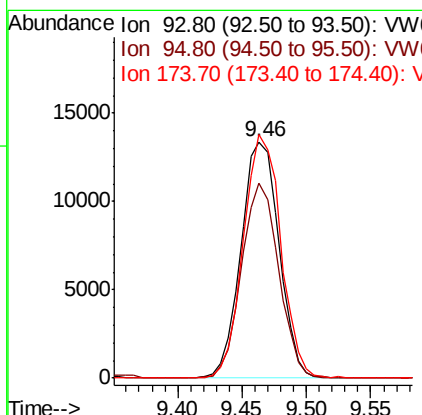
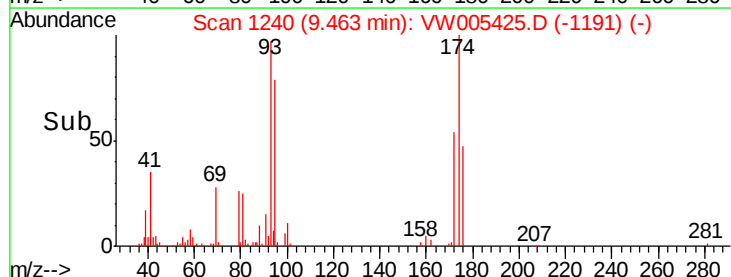
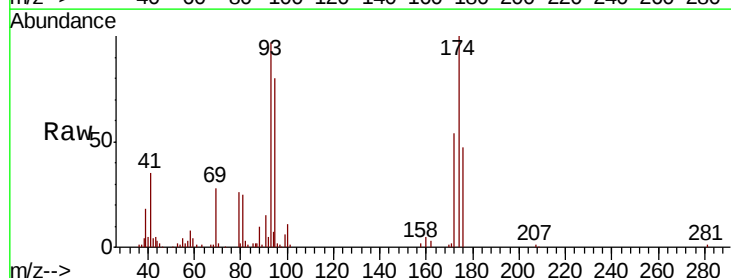
Manual Integrations
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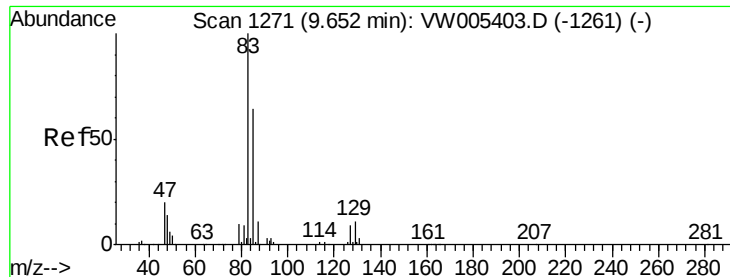
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#46
 Dibromomethane
 Concen: 19.61 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW005425.D
 Acq: 17 Sep 2018 11:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	80.6	65.4	98.0
174	101.2	83.4	125.2





#47

Bromodichloromethane

Concen: 19.77 ug/l

RT: 9.65 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VW005425.D

Acq: 17 Sep 2018 11:40

Instrument :

MSVOA_W

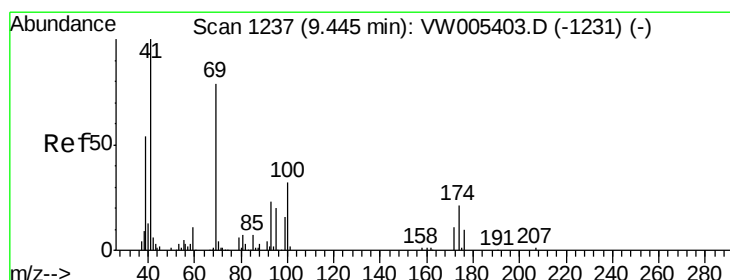
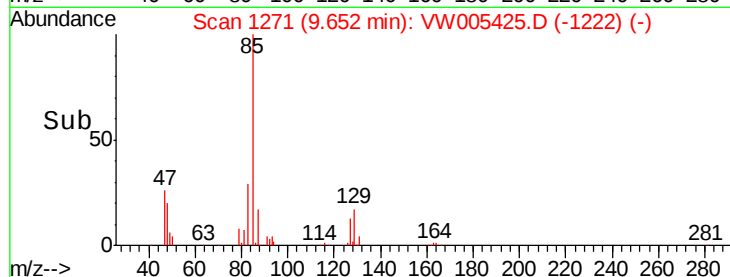
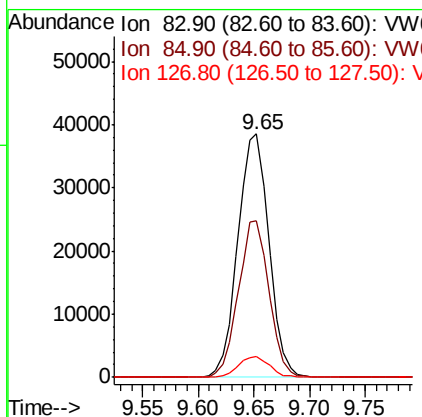
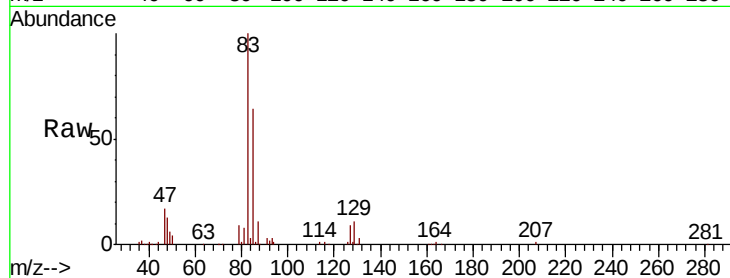
ClientSampleId :

VW0917SBS01

Tot Ion:	83	Resp:	74716
Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.9	76.3
127	8.6	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.34 ug/l

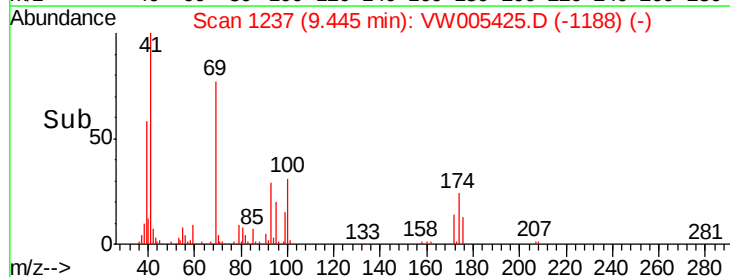
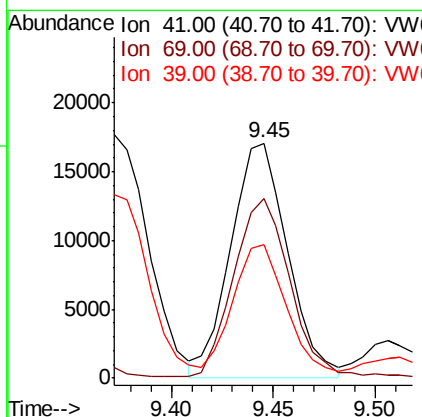
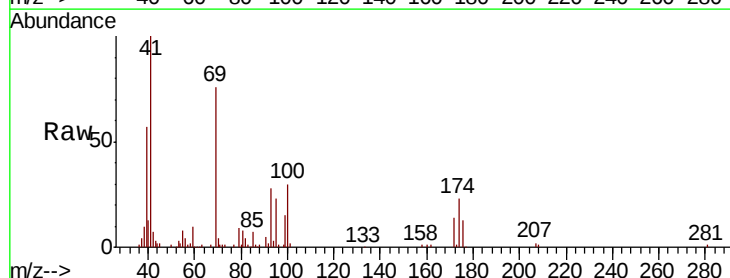
RT: 9.45 min Scan# 1237

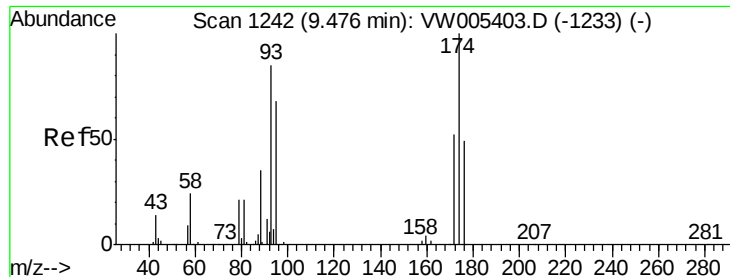
Delta R.T. 0.00 min

Lab File: VW005425.D

Acq: 17 Sep 2018 11:40

Tgt Ion:	41	Resp:	33001
Ion	Ratio	Lower	Upper
41	100		
69	77.3	67.5	101.3
39	49.1	45.5	68.3





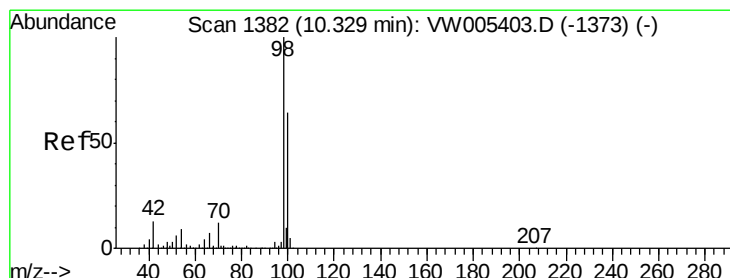
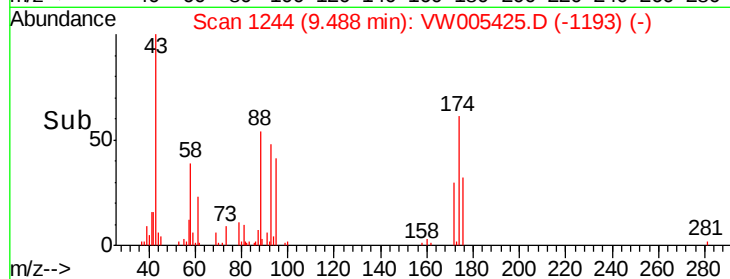
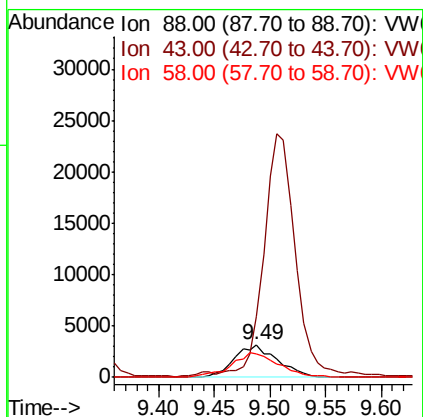
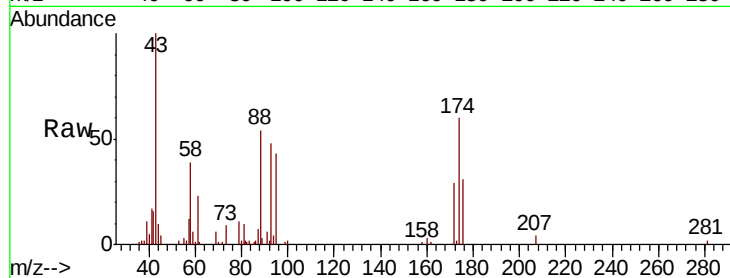
#49
1,4-Dioxane
Concen: 365.03 ug/l
RT: 9.49 min Scan# 1244
Delta R.T. 0.01 min
Lab File: VW005425.D
Acq: 17 Sep 2018 11:40

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	83.4	62.4	93.6

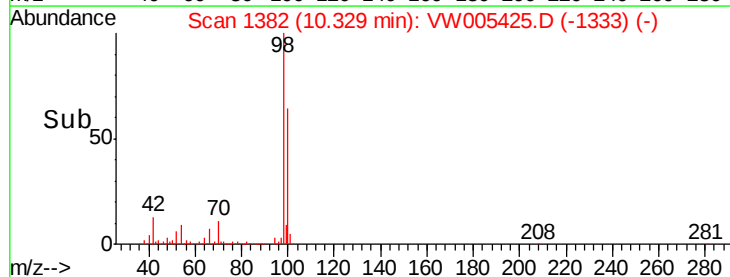
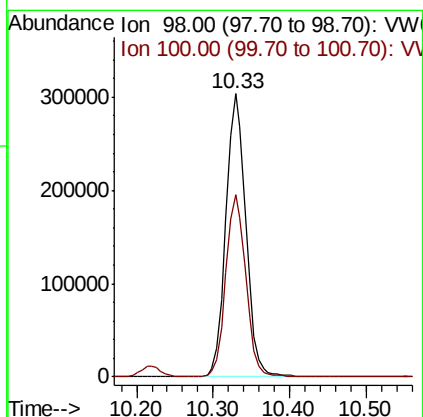
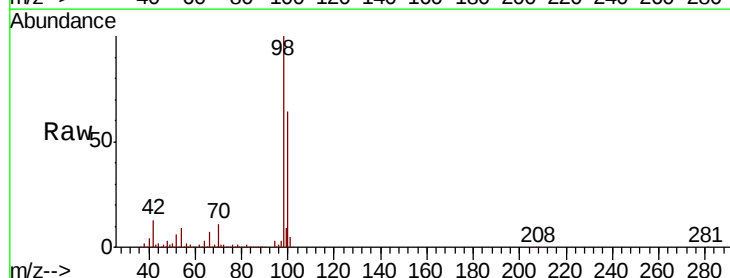
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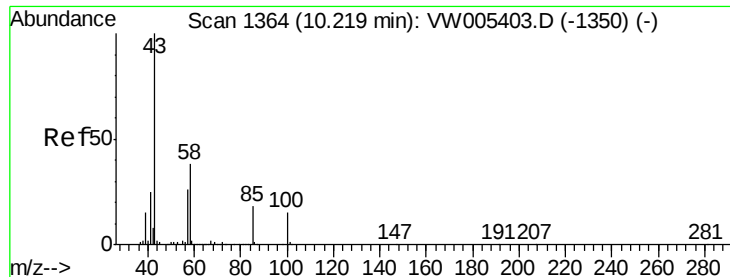
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#50
Toluene-d8
Concen: 49.27 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW005425.D
Acq: 17 Sep 2018 11:40

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.4	77.0





#51

4-Methyl-2-Pentanone

Concen: 92.54 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VW005425.D

Acq: 17 Sep 2018 11:40

Instrument :

MSVOA_W

ClientSampled :

VW0917SBS01

Tot Ion: 43 Resp: 154892

Ion Ratio Lower Upper

43 100

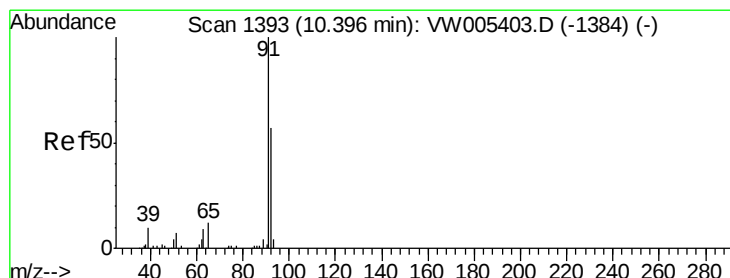
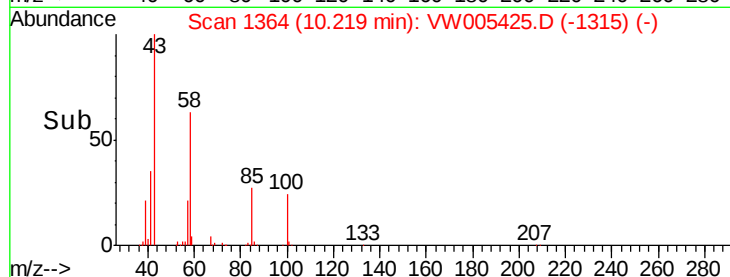
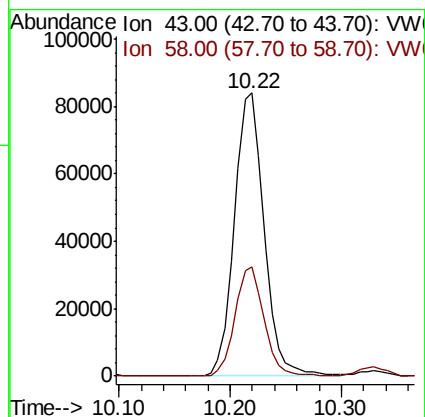
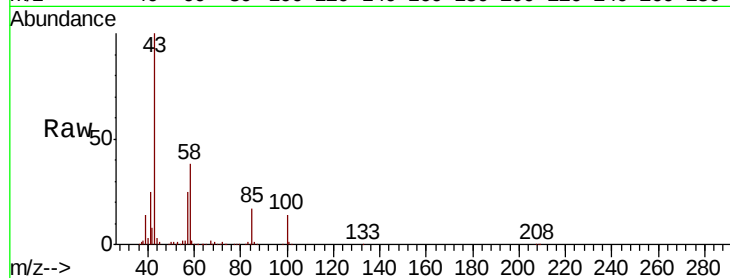
58 37.7 29.9 44.9

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#52

Toluene

Concen: 20.49 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW005425.D

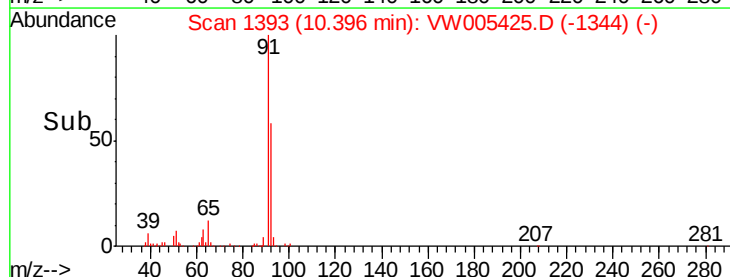
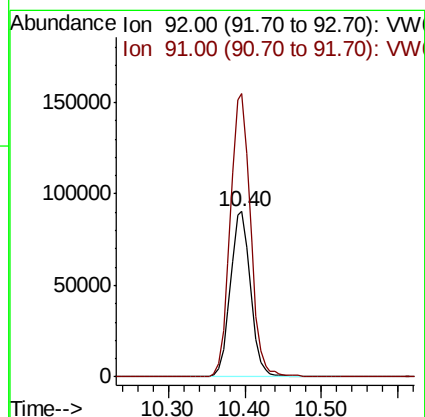
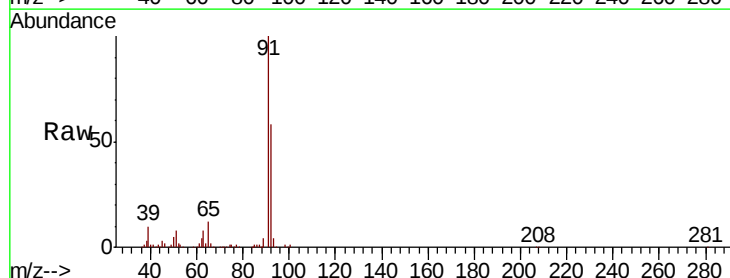
Acq: 17 Sep 2018 11:40

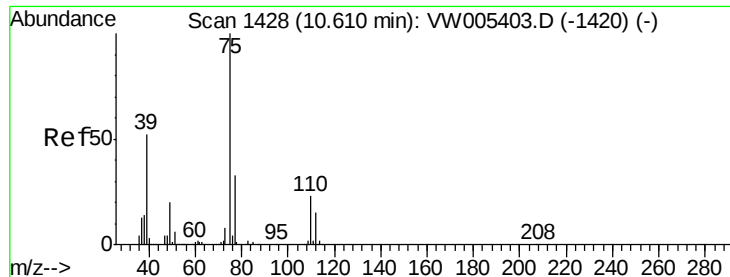
Tgt Ion: 92 Resp: 164684

Ion Ratio Lower Upper

92 100

91 172.6 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 19.36 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW005425.D

Acq: 17 Sep 2018 11:40

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBS01

Tot Ion: 75 Resp: 73222

Ion Ratio Lower Upper

75 100

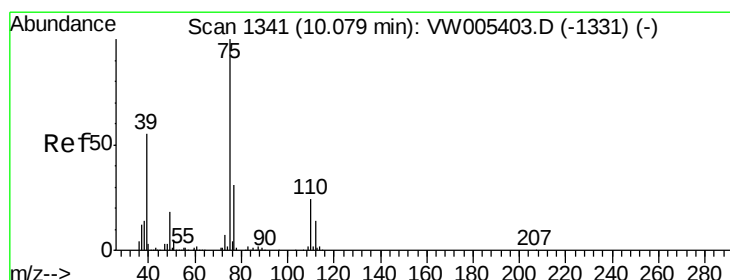
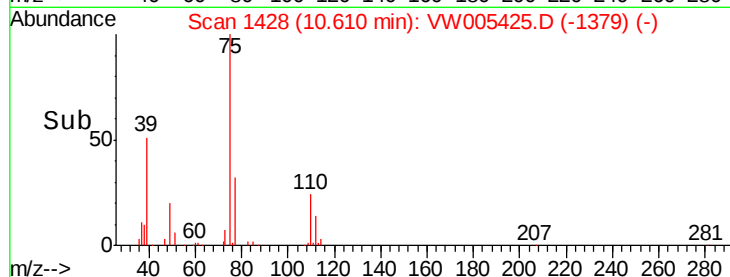
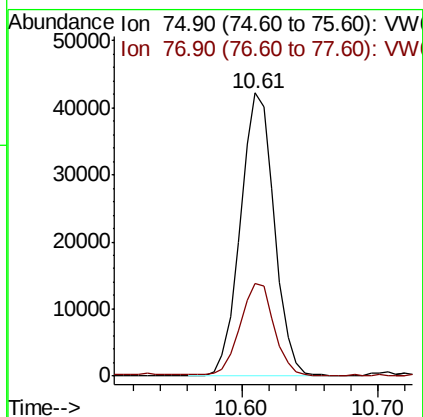
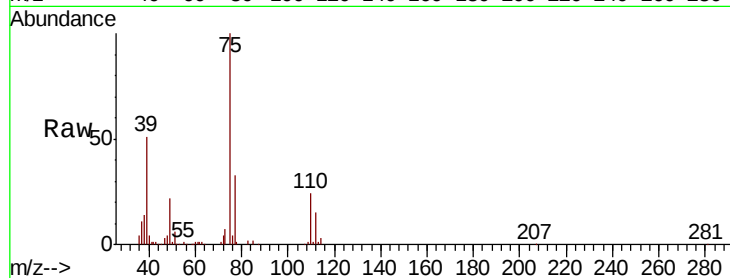
77 32.3 26.5 39.7

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 20.21 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VW005425.D

Acq: 17 Sep 2018 11:40

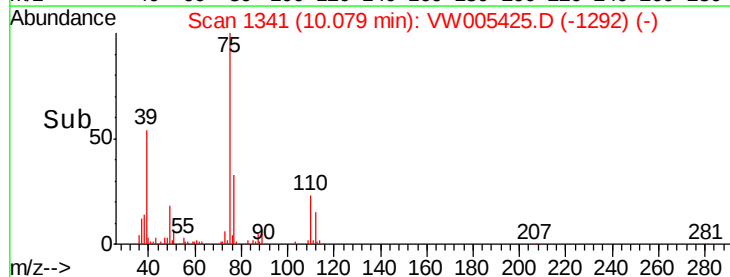
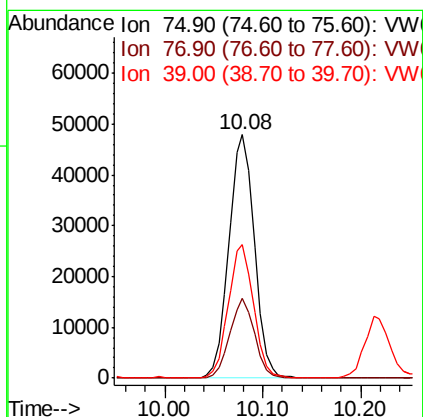
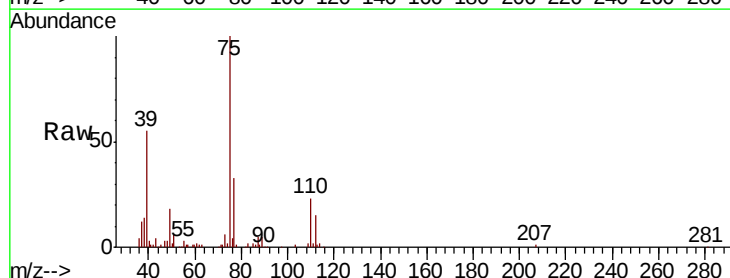
Tgt Ion: 75 Resp: 86530

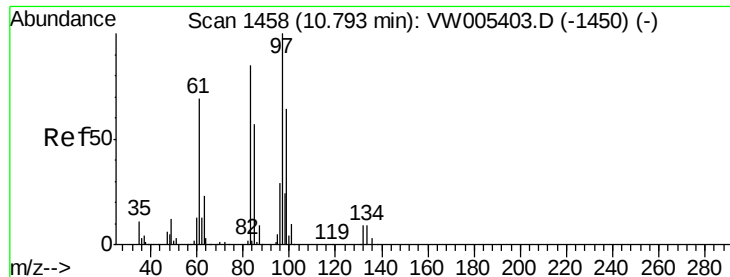
Ion Ratio Lower Upper

75 100

77 32.9 25.0 37.4

39 54.6 44.2 66.2





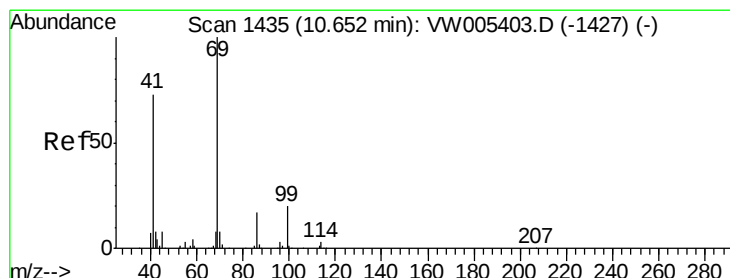
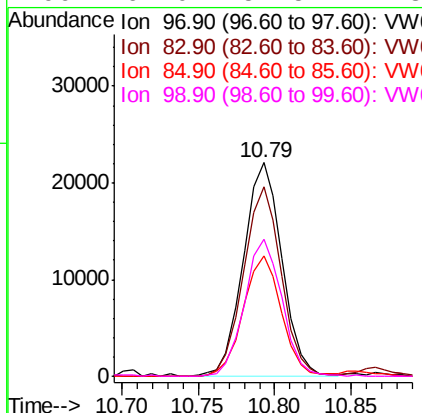
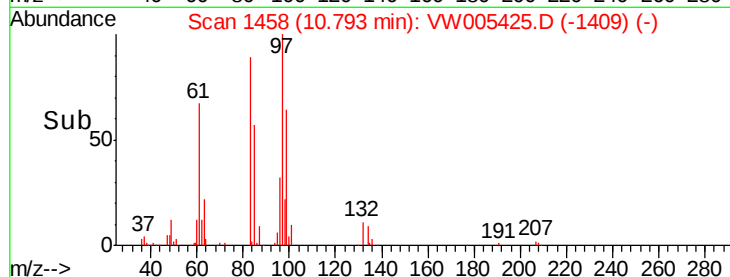
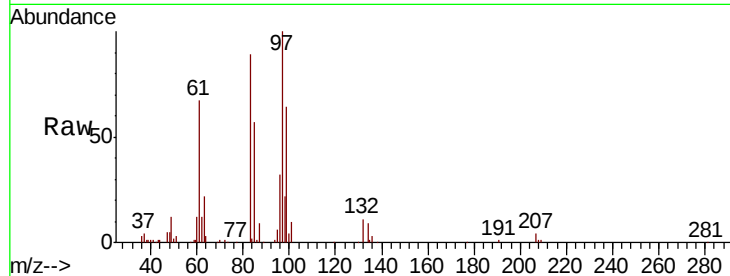
#55
 1,1,2-Trichloroethane
 Concen: 18.74 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW005425.D
 Acq: 17 Sep 2018 11:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBS01

Tot Ion:	97	Resp:	38841
Ion	Ratio	Lower	Upper
97	100		
83	88.6	67.8	101.8
85	56.6	45.4	68.0
99	64.0	51.5	77.3

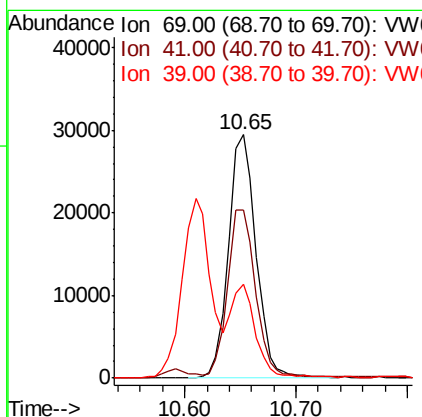
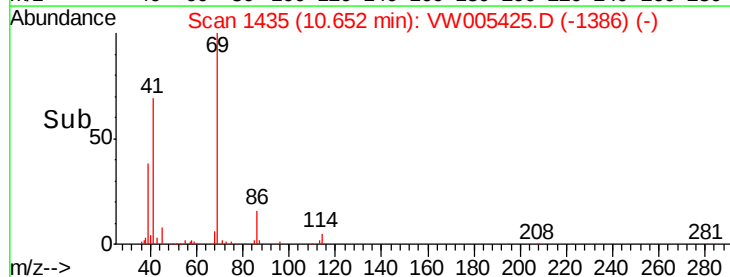
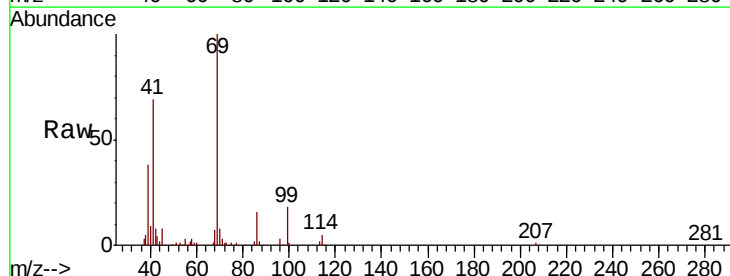
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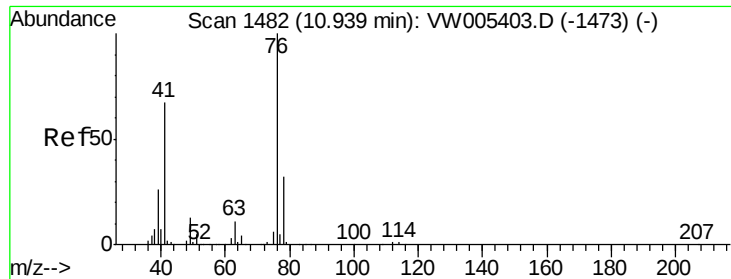
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#56
 Ethyl methacrylate
 Concen: 19.26 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW005425.D
 Acq: 17 Sep 2018 11:40

Tgt Ion:	69	Resp:	50529
Ion	Ratio	Lower	Upper
69	100		
41	70.3	59.3	88.9
39	34.6	30.2	45.4





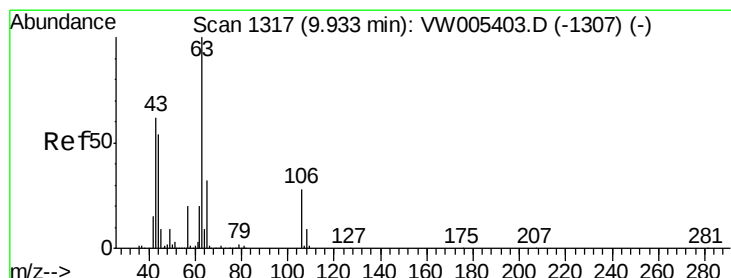
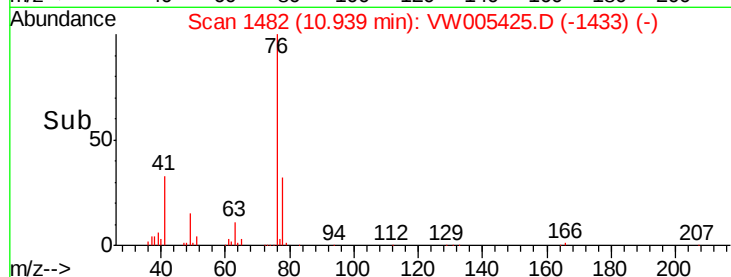
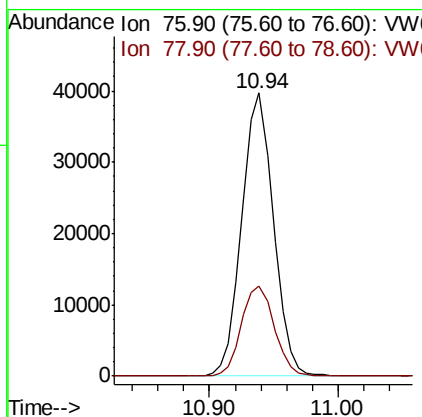
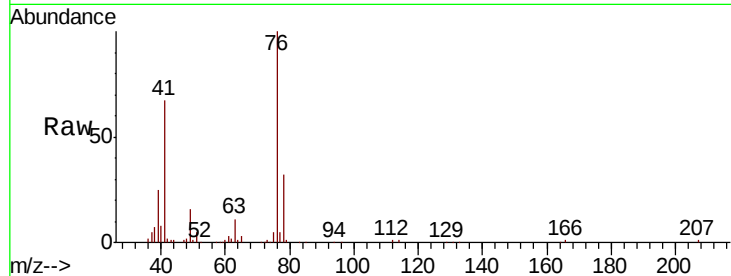
#57
 1,3-Dichloropropane
 Concen: 18.84 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: VW005425.D
 Acq: 17 Sep 2018 11:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBS01

Tot Ion: 76 Resp: 67413
 Ion Ratio Lower Upper
 76 100
 78 33.2 25.6 38.4

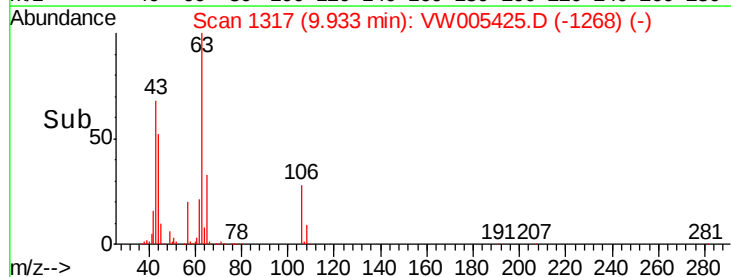
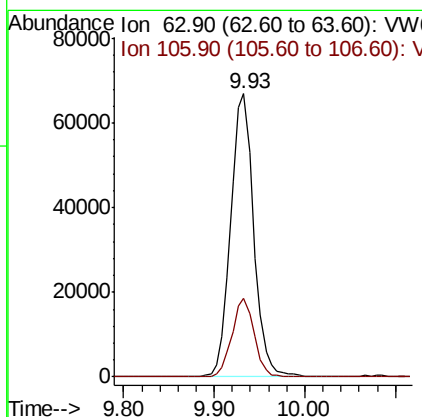
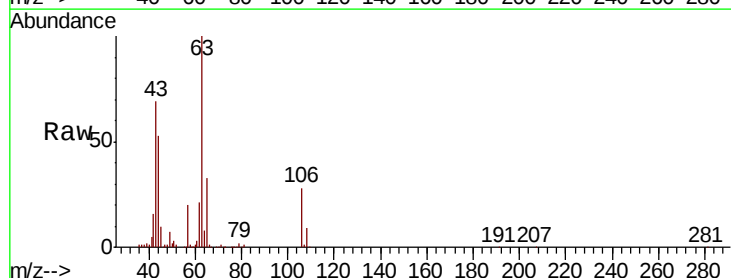
Manual Integrations
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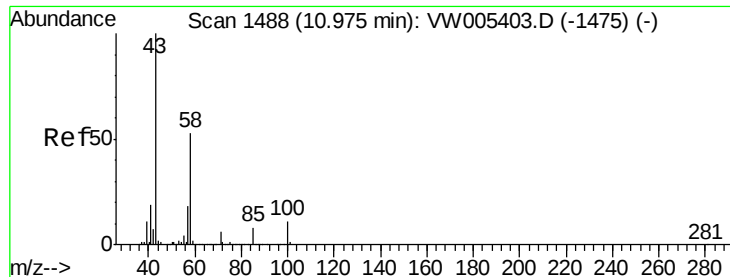
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#58
 2-Chloroethyl Vinyl ether
 Concen: 99.39 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VW005425.D
 Acq: 17 Sep 2018 11:40

Tgt Ion: 63 Resp: 117949
 Ion Ratio Lower Upper
 63 100
 106 27.0 22.0 33.0





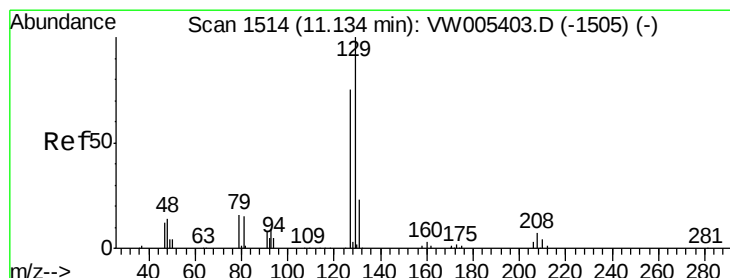
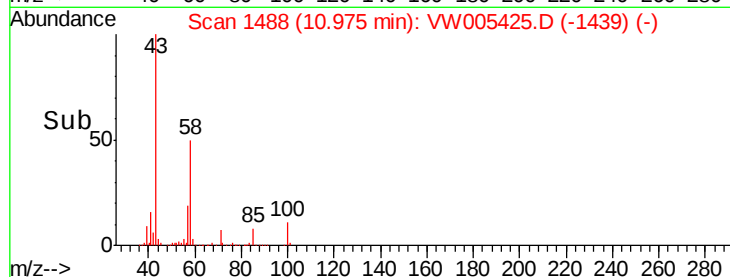
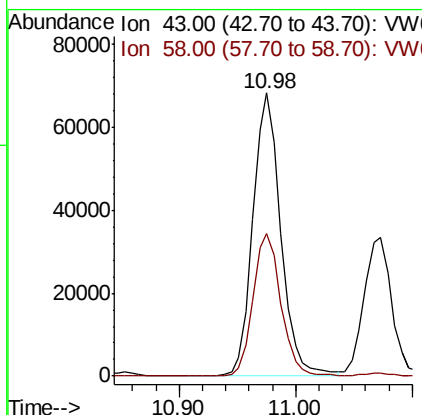
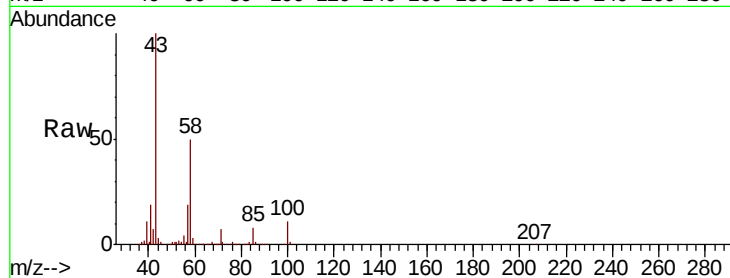
#59
2-Hexanone
Concen: 99.94 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW005425.D
Acq: 17 Sep 2018 11:40

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	50.4	25.5	76.5

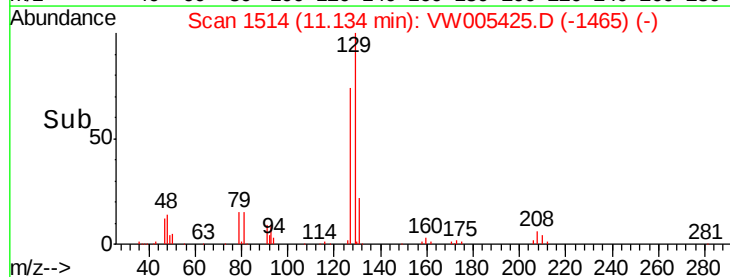
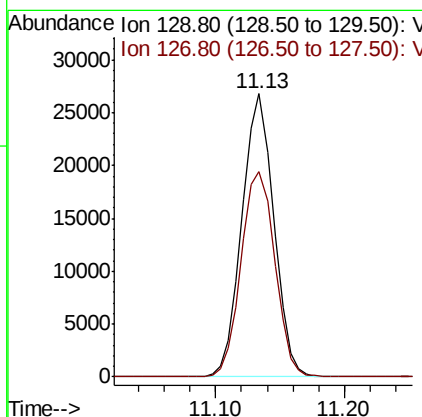
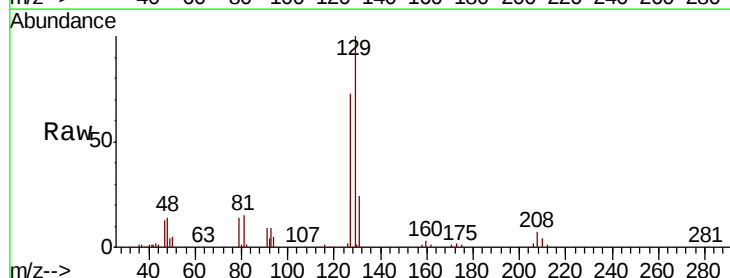
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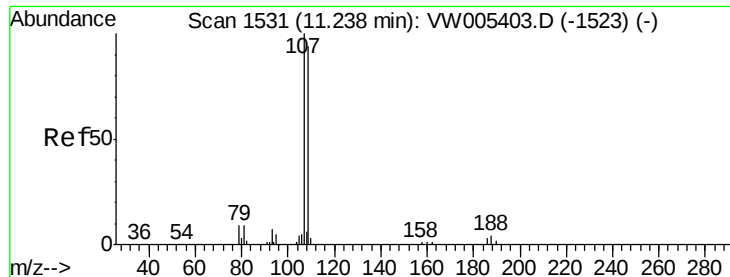
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#60
Dibromochloromethane
Concen: 18.41 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW005425.D
Acq: 17 Sep 2018 11:40

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.7	38.5	115.3





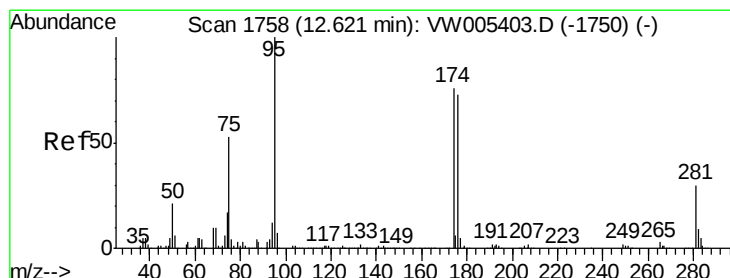
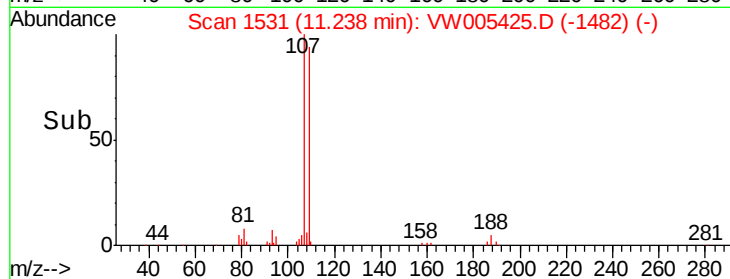
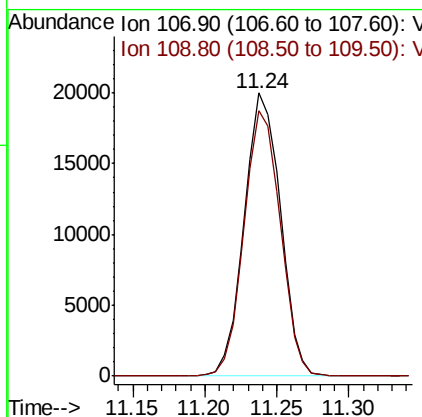
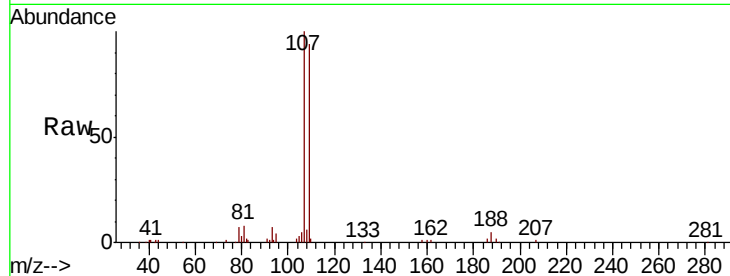
#61
 1,2-Dibromoethane
 Concen: 18.75 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW005425.D
 Acq: 17 Sep 2018 11:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.9	75.0	112.6

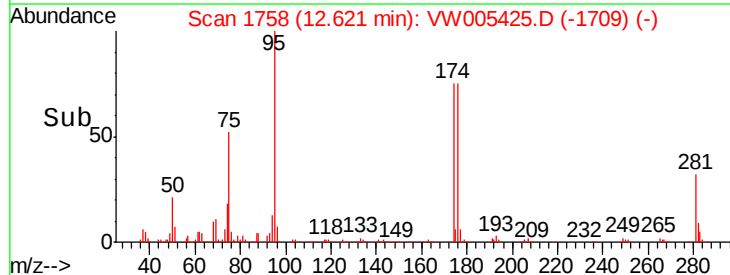
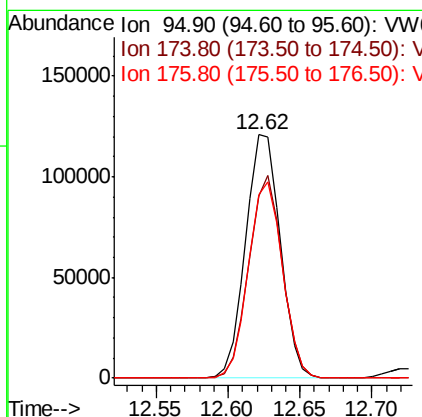
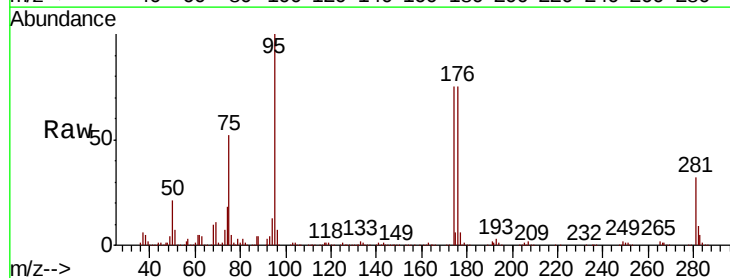
Manual Integrations
 APPROVED

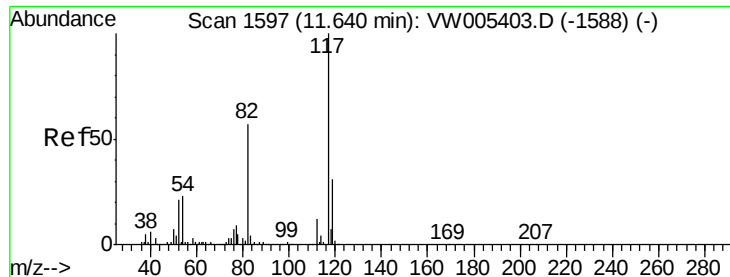
apatel
 9/18/2018 12:51:50 PM



#62
 4-Bromofluorobenzene
 Concen: 49.41 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW005425.D
 Acq: 17 Sep 2018 11:40

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.1	0.0	161.2
176	79.2	0.0	156.6





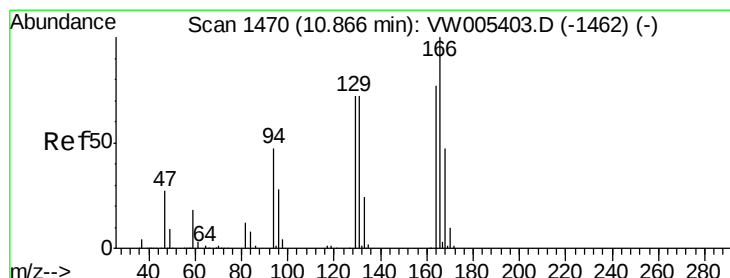
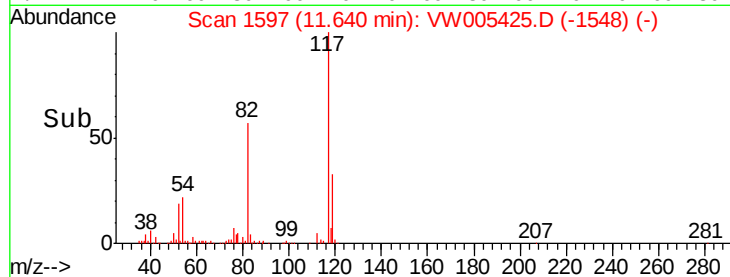
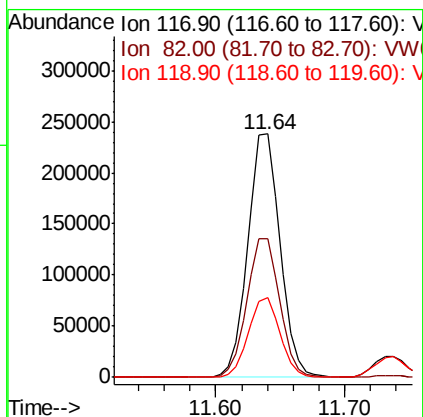
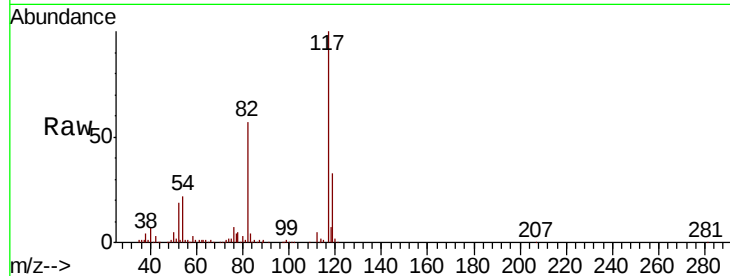
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VW005425.D
Acq: 17 Sep 2018 11:40

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	410967		
82	56.7		45.9	68.9
119	32.9		24.8	37.2

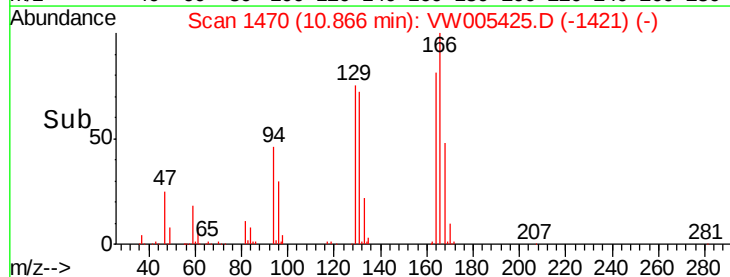
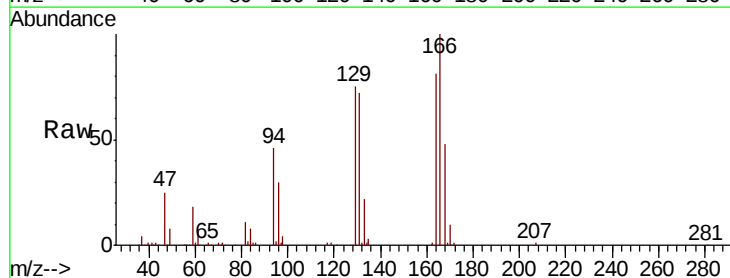
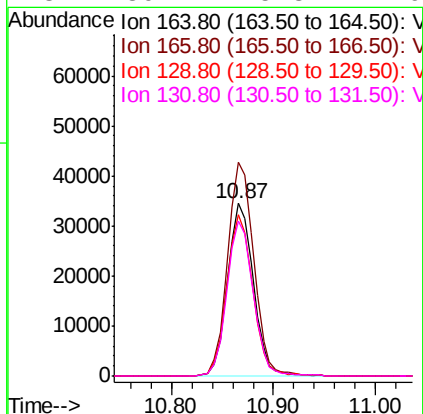
Manual Integrations
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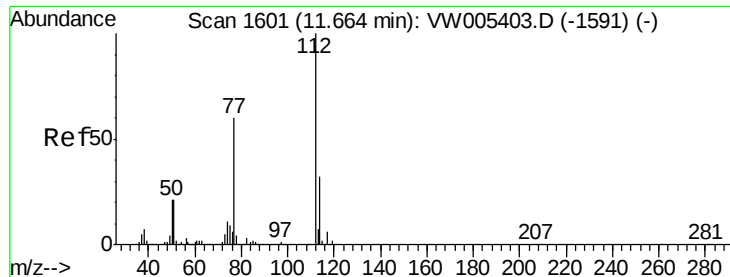
apatel
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#64
Tetrachloroethene
Concen: 19.94 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005425.D
Acq: 17 Sep 2018 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	60556		
166	123.9		104.0	156.0
129	93.5		74.9	112.3
131	89.7		75.3	112.9





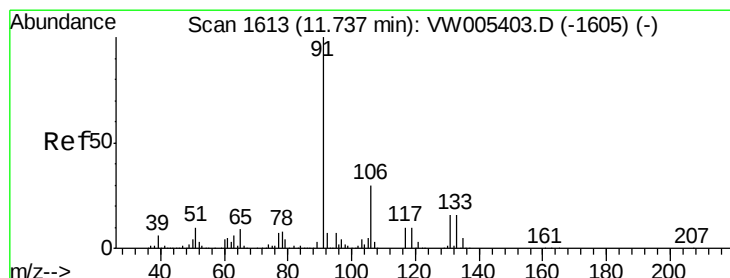
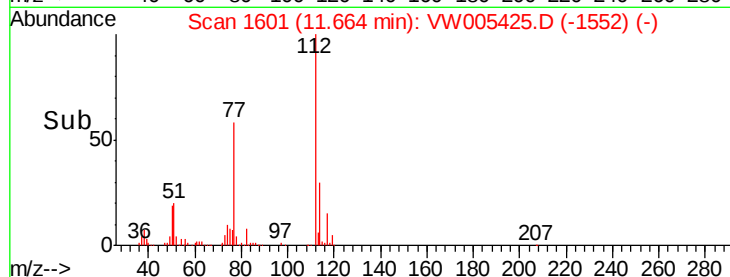
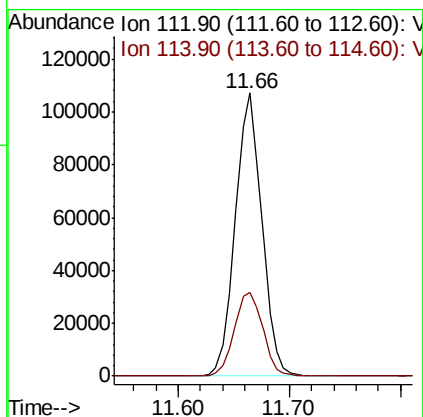
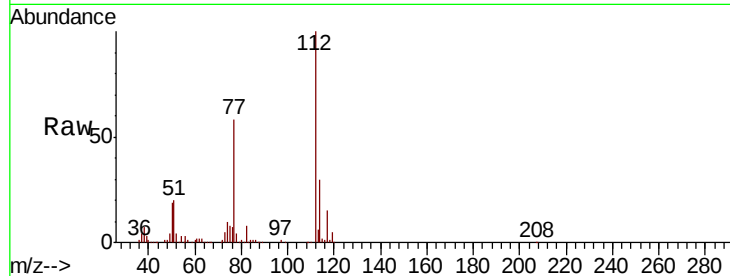
#65
Chlorobenzene
Concen: 20.29 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VW005425.D
Acq: 17 Sep 2018 11:40

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS01

Tot Ion:112 Resp: 176939
Ion Ratio Lower Upper
112 100
114 29.7 25.3 37.9

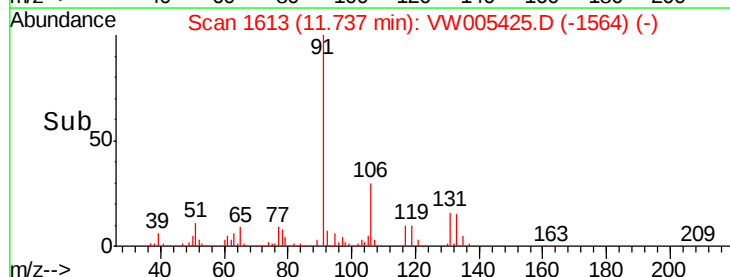
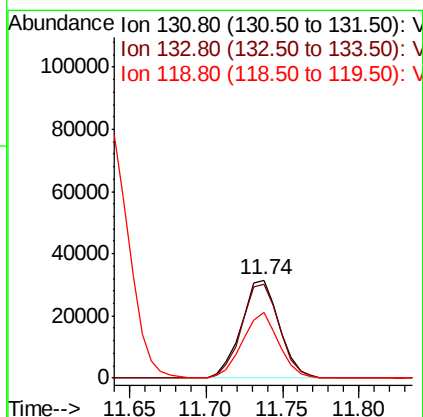
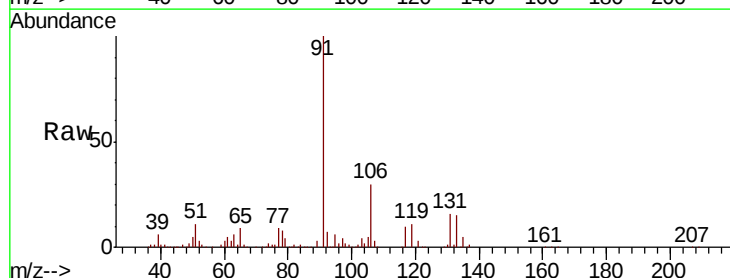
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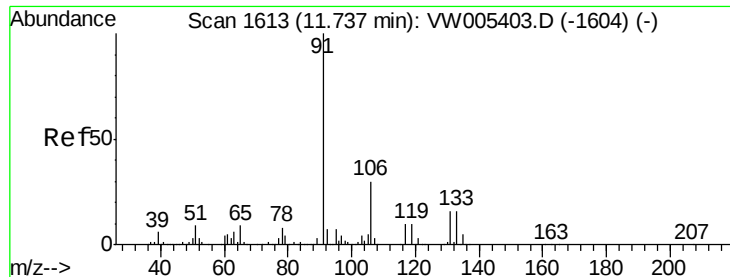
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.51 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005425.D
Acq: 17 Sep 2018 11:40

Tgt Ion:131 Resp: 54396
Ion Ratio Lower Upper
131 100
133 95.9 47.3 141.9
119 63.9 31.1 93.5





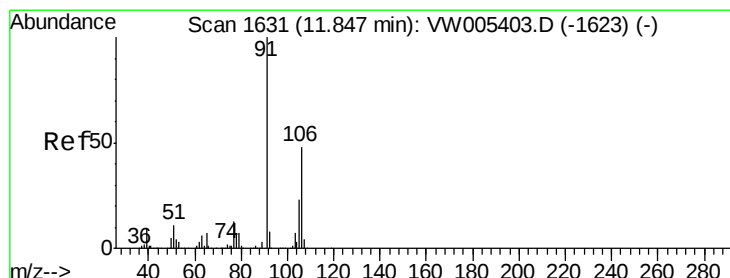
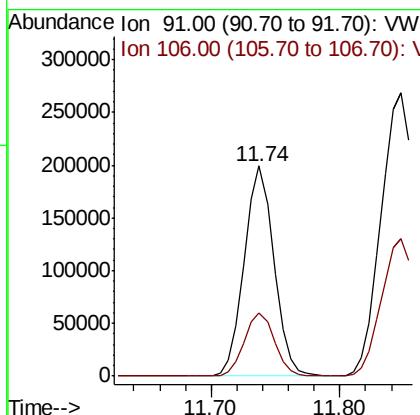
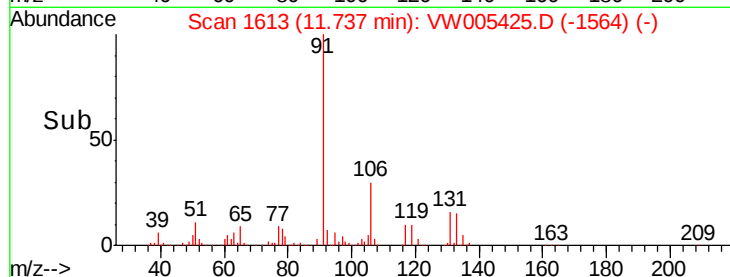
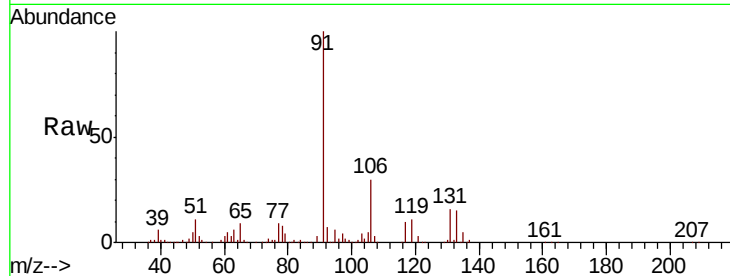
#67
Ethyl Benzene
Concen: 20.72 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005425.D
Acq: 17 Sep 2018 11:40

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS01

Tot Ion: 91 Resp: 317863
Ion Ratio Lower Upper
91 100
106 30.3 24.2 36.4

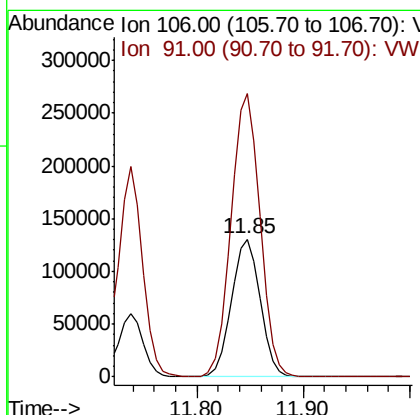
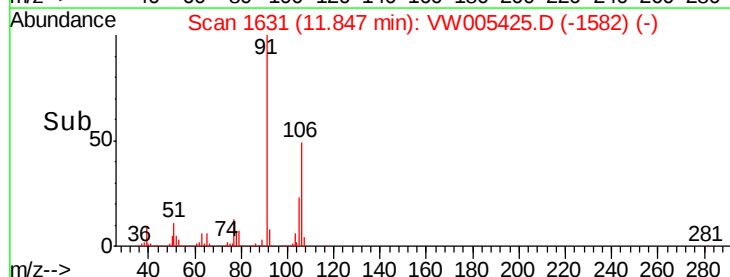
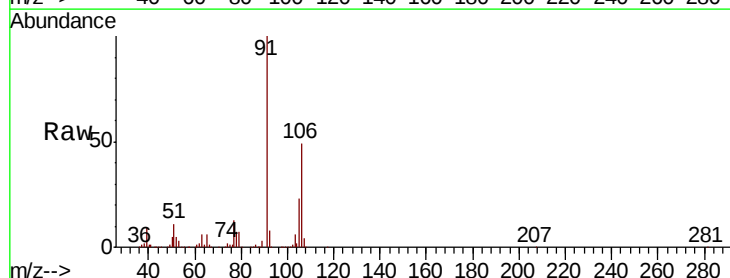
Manual Integrations
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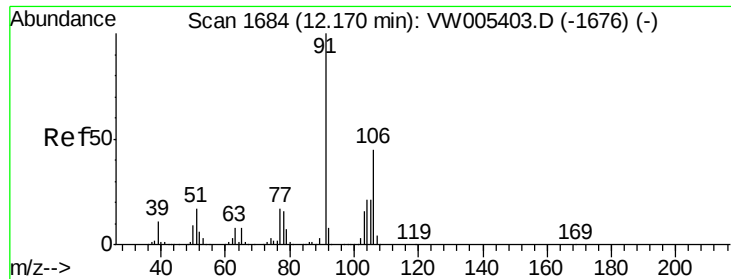
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#68
m/p-Xylenes
Concen: 42.01 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VW005425.D
Acq: 17 Sep 2018 11:40

Tgt Ion: 106 Resp: 248014
Ion Ratio Lower Upper
106 100
91 206.5 167.9 251.9





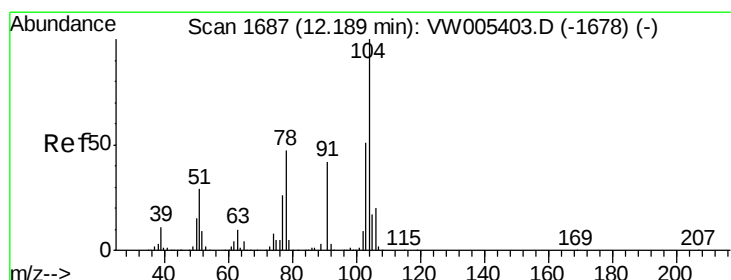
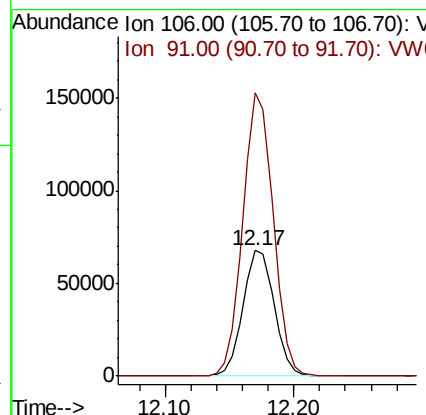
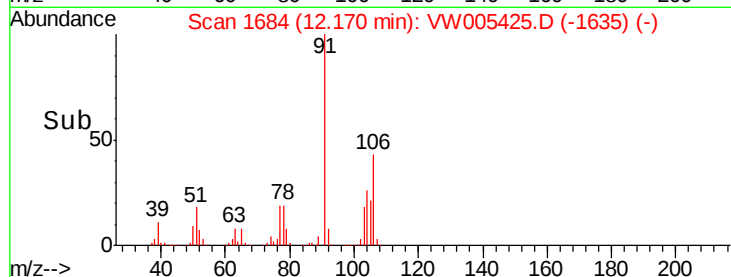
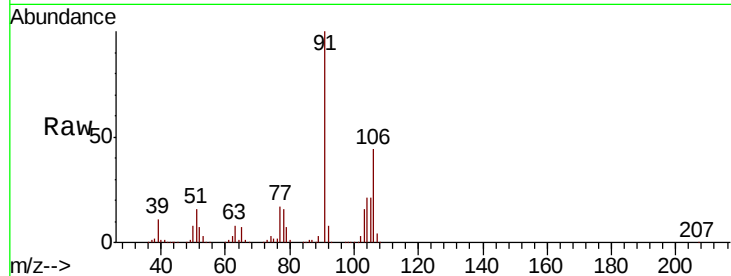
#69
o-Xylene
Concen: 20.71 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005425.D
Acq: 17 Sep 2018 11:40

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	219.2	110.6	331.6

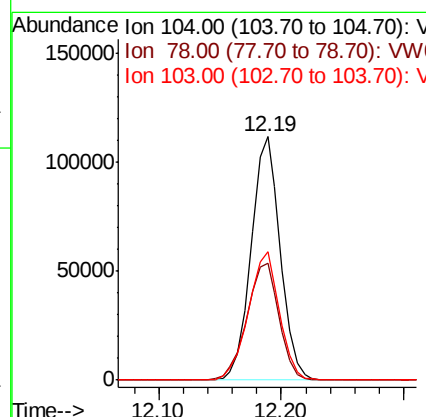
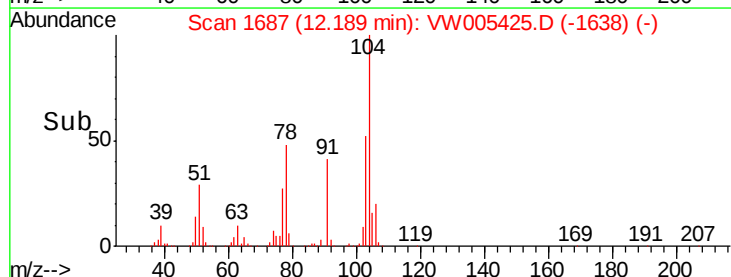
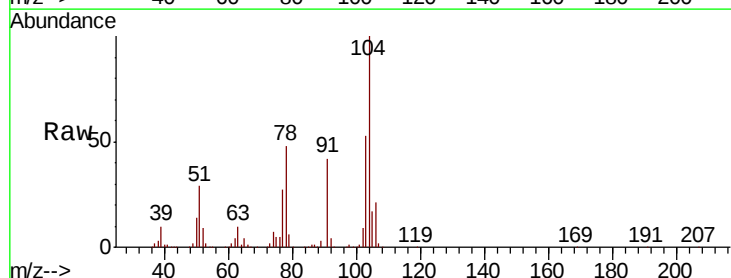
Manual Integrations
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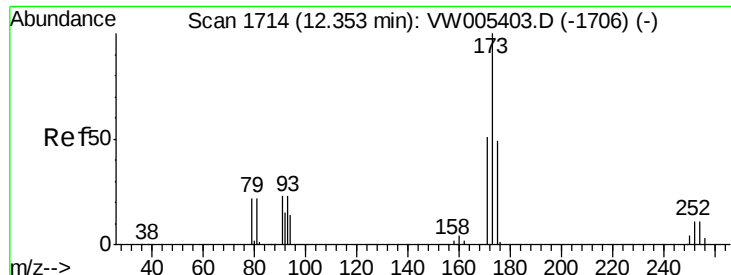
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#70
Styrene
Concen: 20.38 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW005425.D
Acq: 17 Sep 2018 11:40

Tgt Ion	Ratio	Lower	Upper
104	100		
78	53.0	42.4	63.6
103	56.0	44.8	67.2





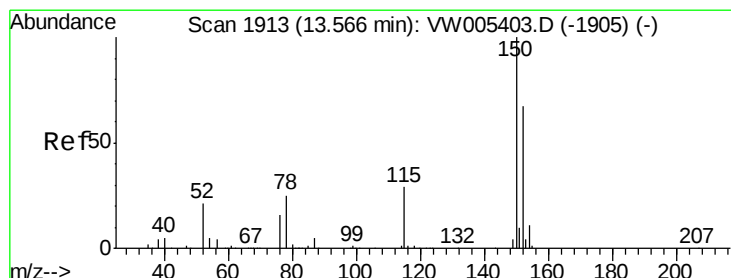
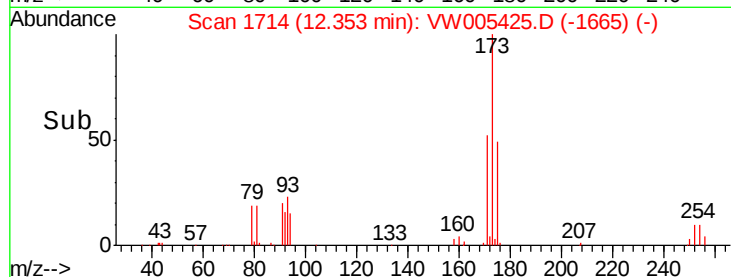
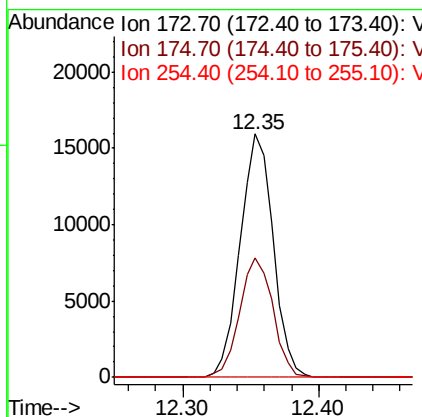
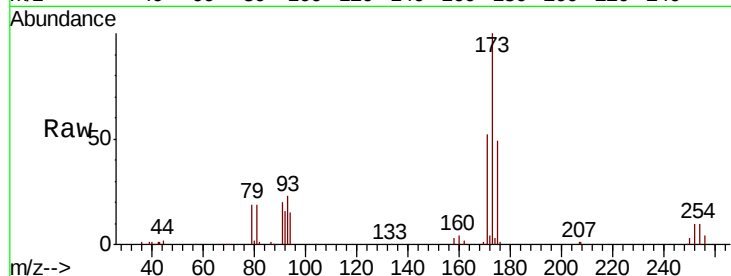
#71
Bromoform
Concen: 18.40 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW005425.D
Acq: 17 Sep 2018 11:40

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.2	72.6
254	0.0	0.0	0.0

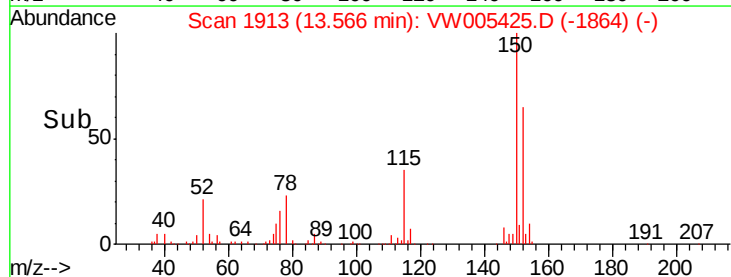
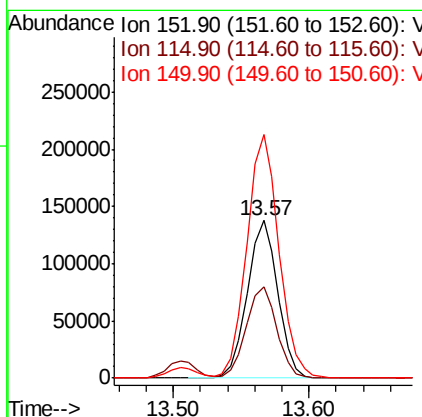
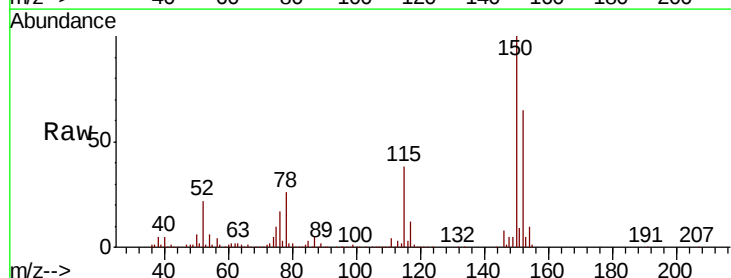
Manual Integrations
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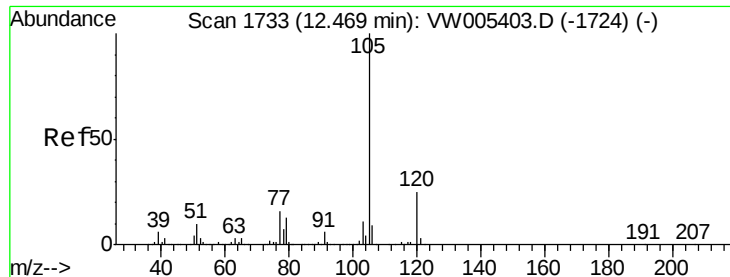
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW005425.D
Acq: 17 Sep 2018 11:40

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.6	29.5	88.5
150	163.4	0.0	345.6





#73

Isopropylbenzene

Concen: 21.19 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW005425.D

Acq: 17 Sep 2018 11:40

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBS01

Tot Ion:105 Resp: 319860

Ion Ratio Lower Upper

105 100

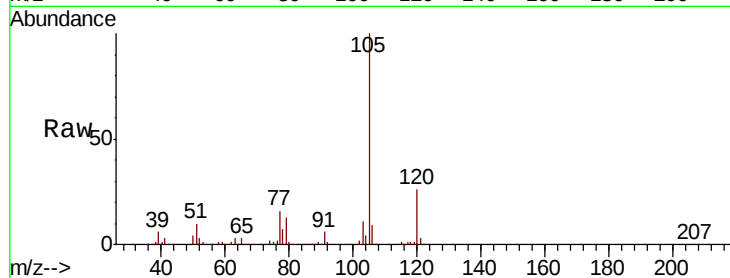
120 25.9 12.9 38.6

Manual Integrations

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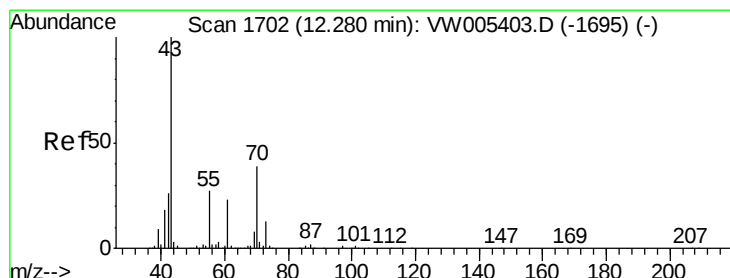
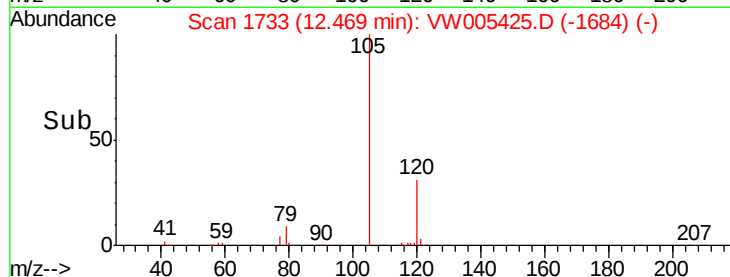
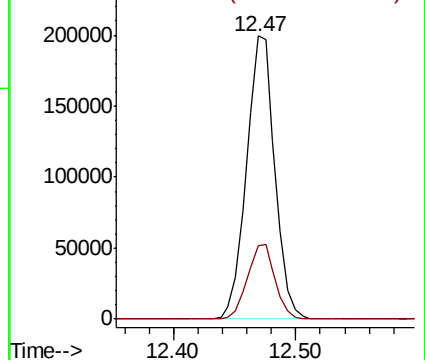
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.37 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW005425.D

Acq: 17 Sep 2018 11:40

Tgt Ion: 43 Resp: 61612

Ion Ratio Lower Upper

43 100

70 39.8 31.9 47.9

55 27.0 21.4 32.0

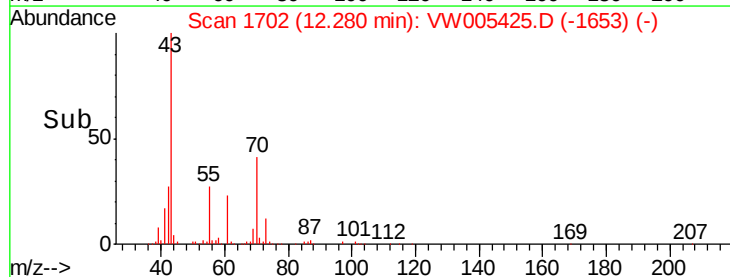
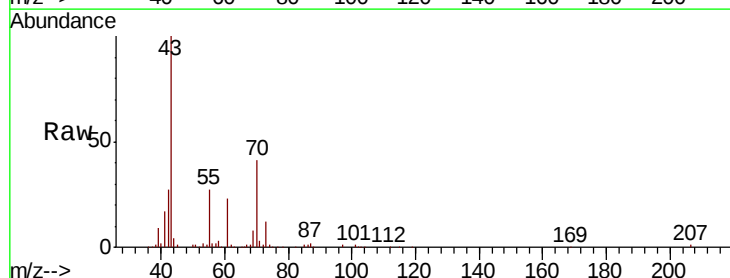
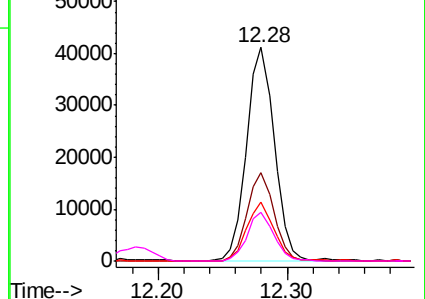
61 21.7 18.3 27.5

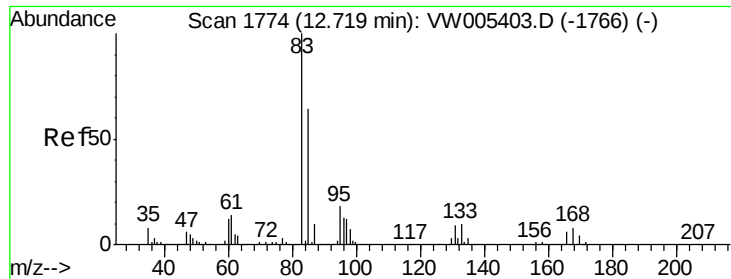
Abundance Ion 43.00 (42.70 to 43.70): VW

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





#75

1,1,2,2-Tetrachloroethane

Concen: 18.93 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW005425.D

Acq: 17 Sep 2018 11:40

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBS01

Tot Ion: 83 Resp: 41692

Ion Ratio Lower Upper

83 100

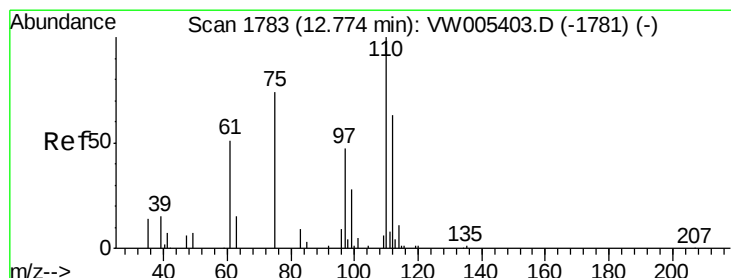
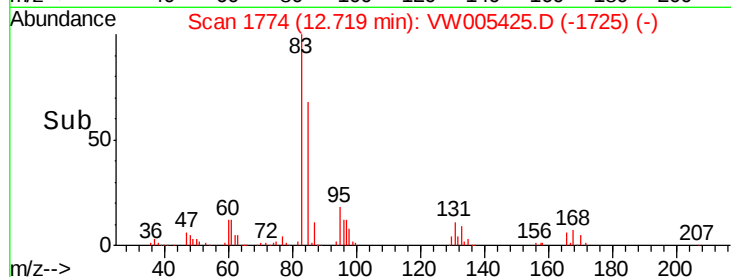
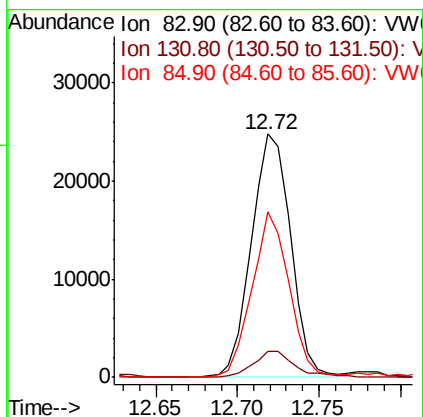
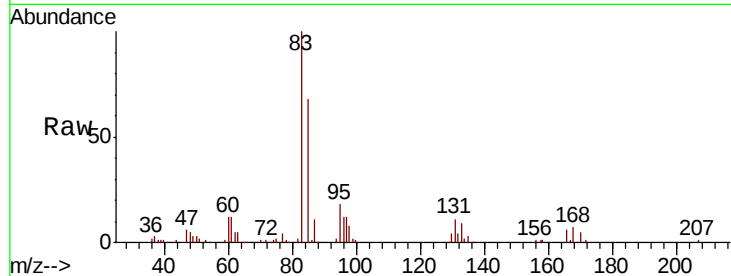
131 11.3 5.7 17.1

85 64.3 31.6 95.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 16.90 ug/l m

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW005425.D

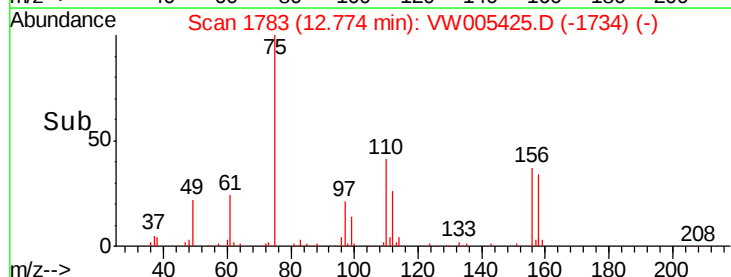
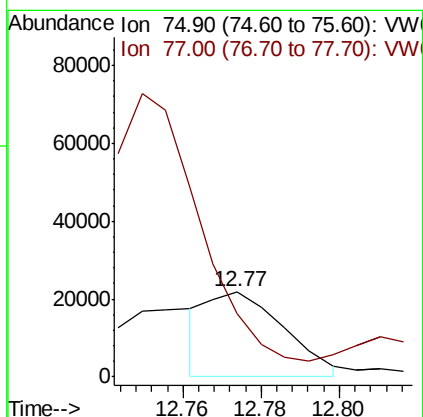
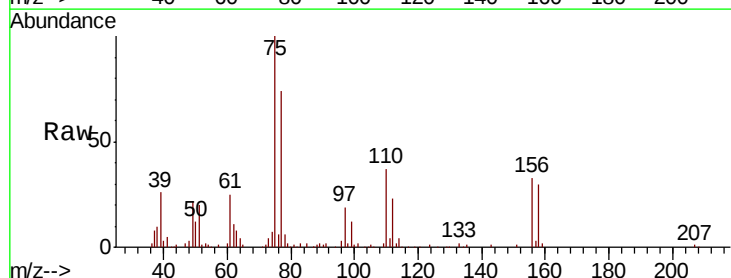
Acq: 17 Sep 2018 11:40

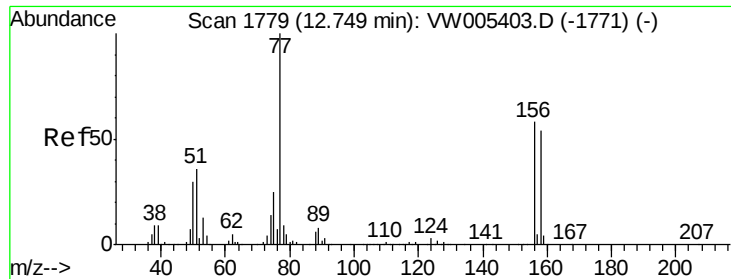
Tgt Ion: 75 Resp: 29913

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





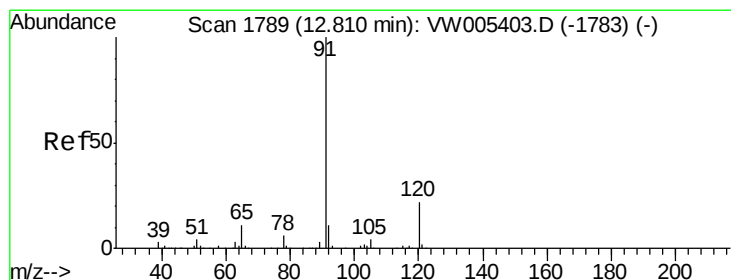
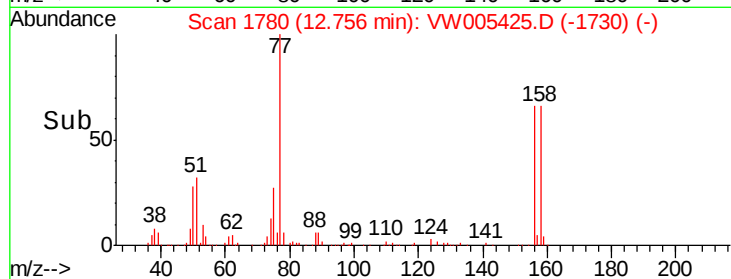
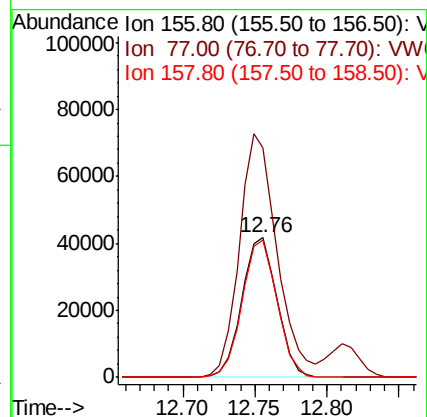
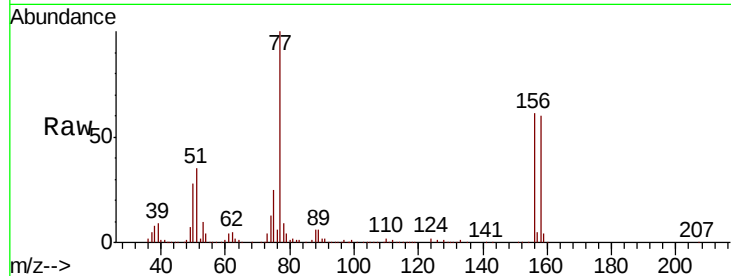
#77
Bromobenzene
Concen: 19.73 ug/l
RT: 12.76 min Scan# 1780
Delta R.T. 0.01 min
Lab File: VW005425.D
Acq: 17 Sep 2018 11:40

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	187.4	92.8	278.3
158	97.8	48.2	144.6

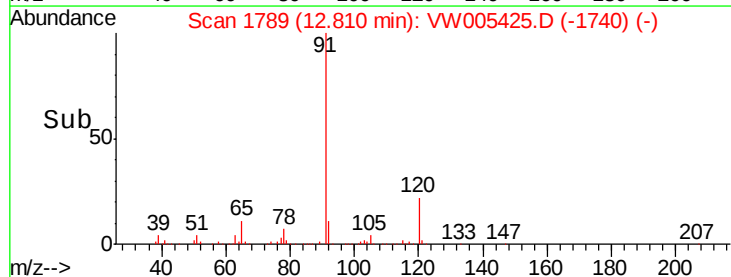
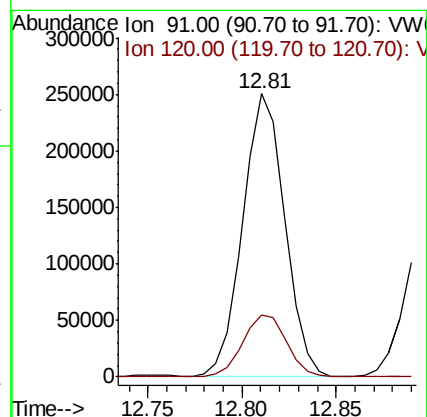
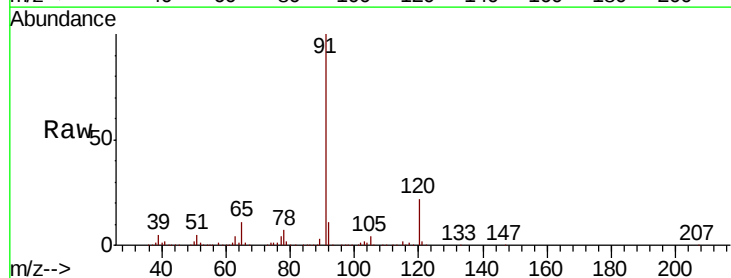
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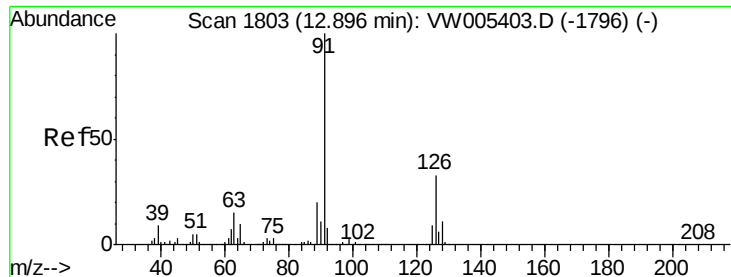
apatel
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#78
n-propylbenzene
Concen: 21.23 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW005425.D
Acq: 17 Sep 2018 11:40

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.3	33.8





#79

2-Chlorotoluene

Concen: 20.80 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW005425.D

Acq: 17 Sep 2018 11:40

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBS01

Tot Ion: 91 Resp: 223576

Ion Ratio Lower Upper

91 100

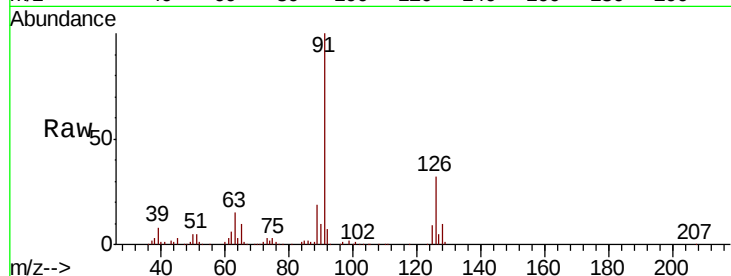
126 32.7 16.4 49.1

Manual Integrations

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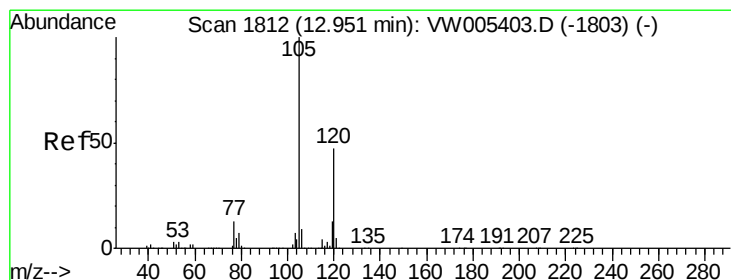
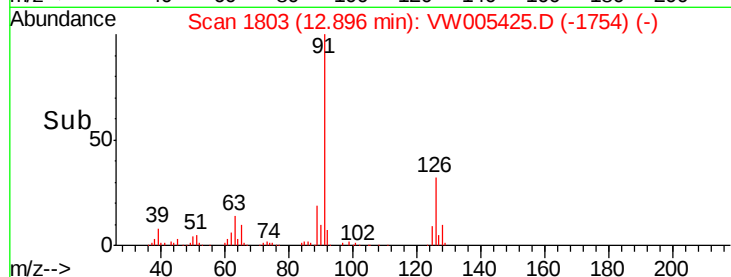
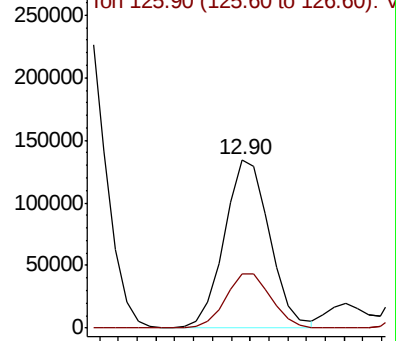
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.81 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW005425.D

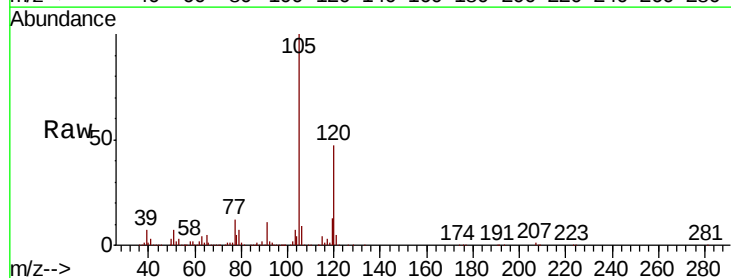
Acq: 17 Sep 2018 11:40

Tgt Ion: 105 Resp: 274028

Ion Ratio Lower Upper

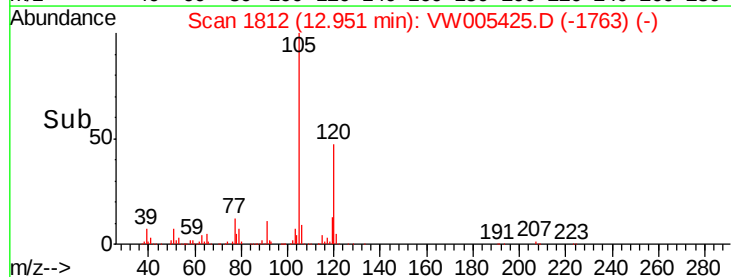
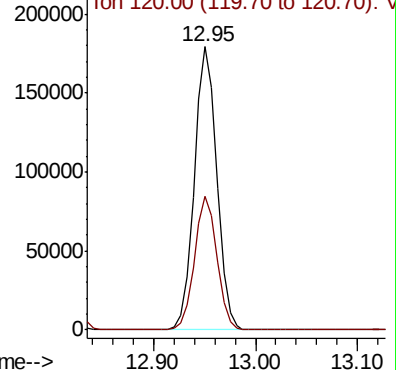
105 100

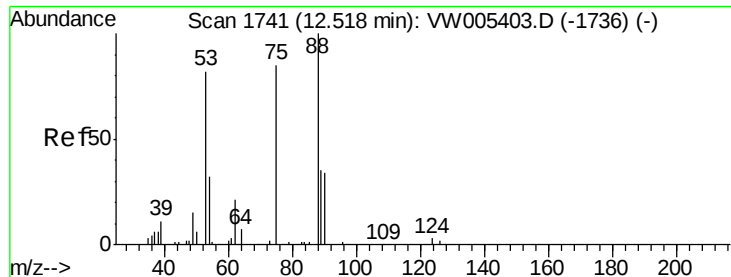
120 47.0 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 19.37 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW005425.D

Acq: 17 Sep 2018 11:40

Instrument :

MSVOA_W

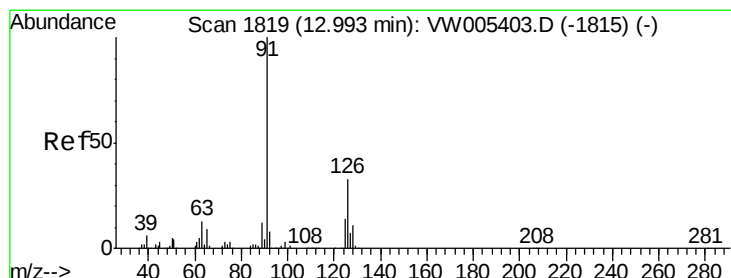
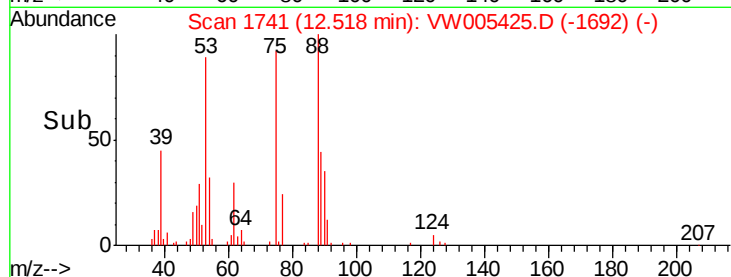
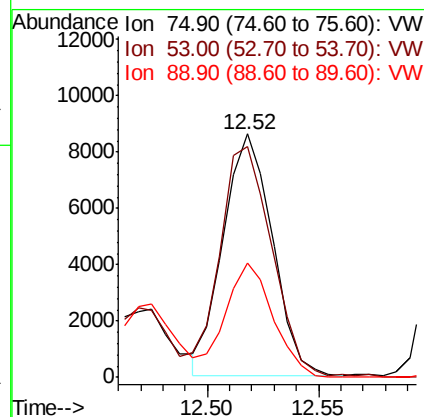
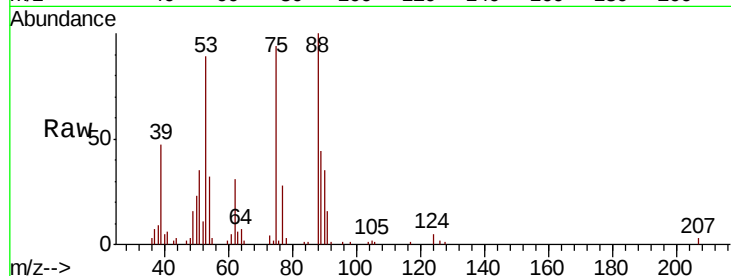
ClientSampleId :

VW0917SBS01

Tot Ion:	75	Resp:	13213
Ion	Ratio	Lower	Upper
75	100		
53	103.0	83.2	124.8
89	46.2	36.6	54.8

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#82

4-Chlorotoluene

Concen: 20.75 ug/l

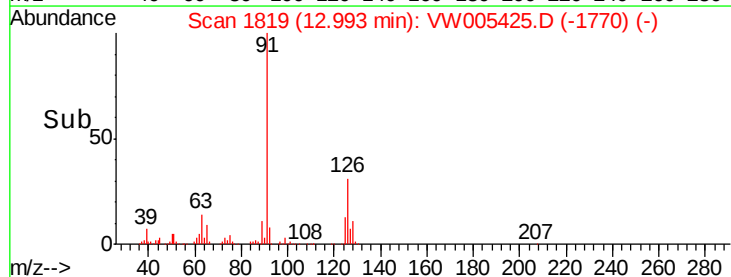
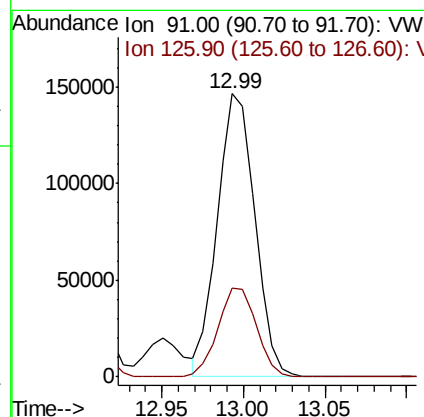
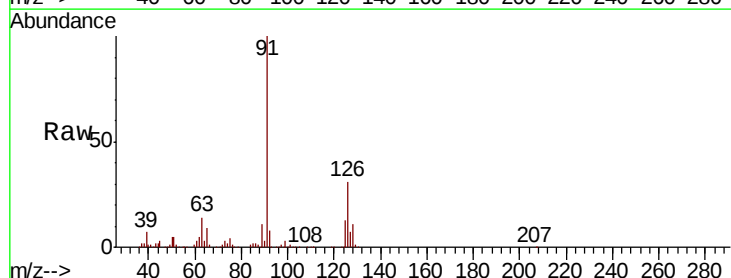
RT: 12.99 min Scan# 1819

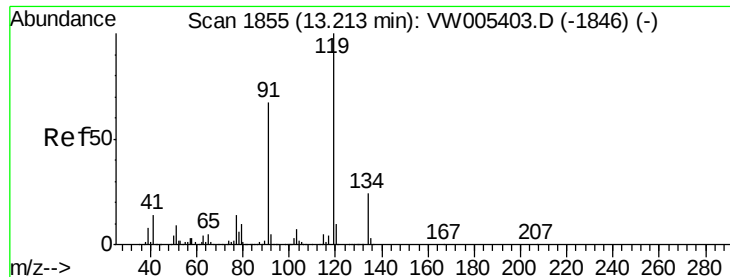
Delta R.T. 0.00 min

Lab File: VW005425.D

Acq: 17 Sep 2018 11:40

Tgt Ion:	91	Resp:	235433
Ion	Ratio	Lower	Upper
91	100		
126	32.3	16.4	49.1





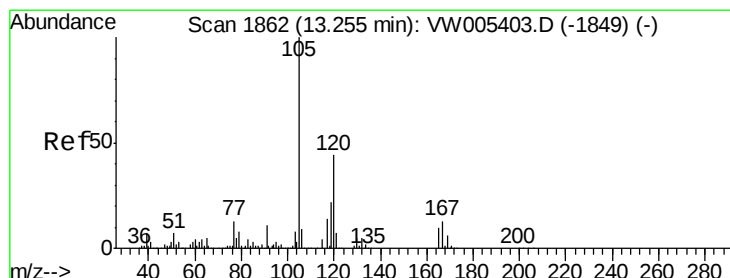
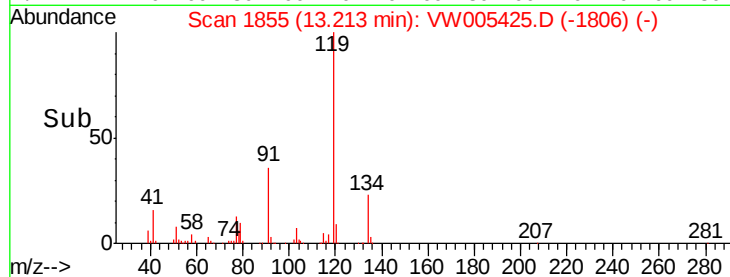
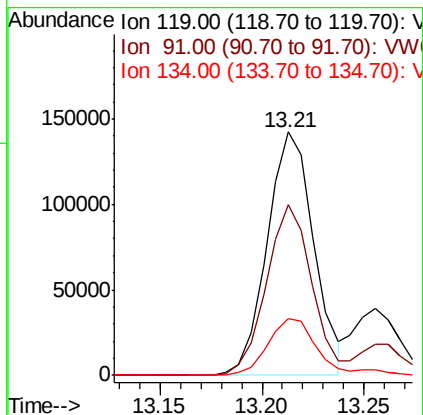
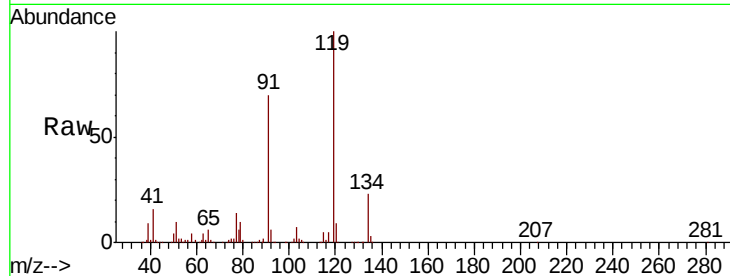
#83
 tert-Butylbenzene
 Concen: 20.76 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW005425.D
 Acq: 17 Sep 2018 11:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.3	34.4	103.2
134	25.4	12.7	38.0

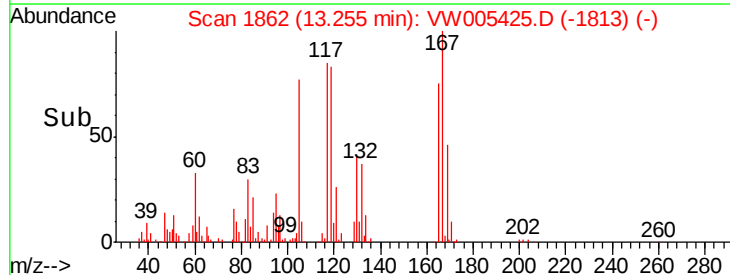
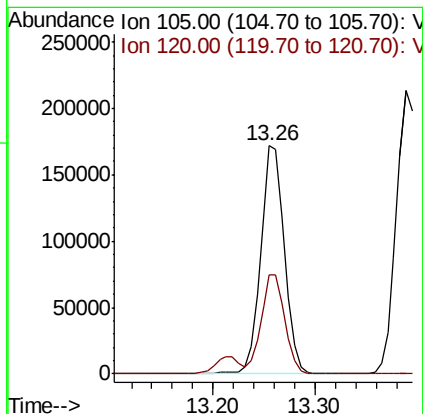
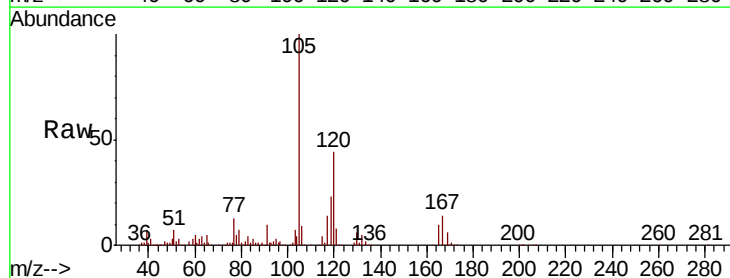
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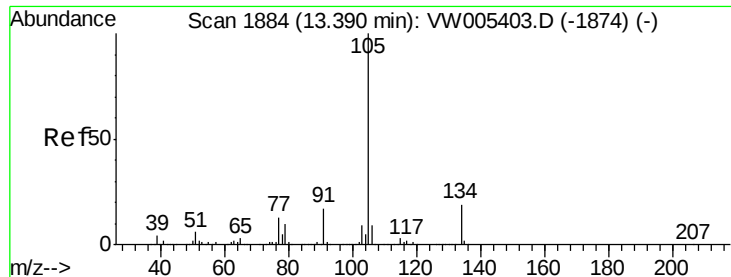
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.82 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW005425.D
 Acq: 17 Sep 2018 11:40

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.4	21.8	65.3





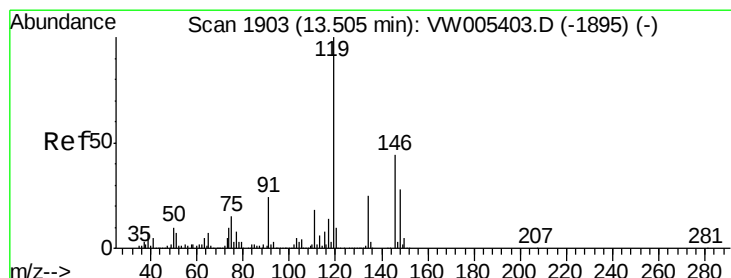
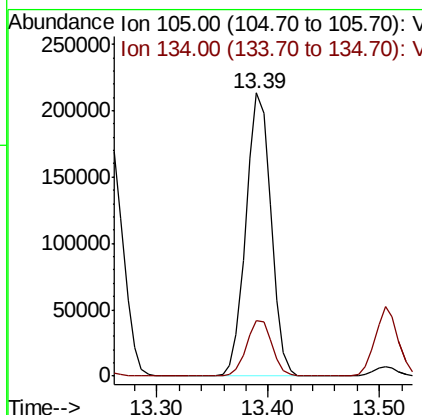
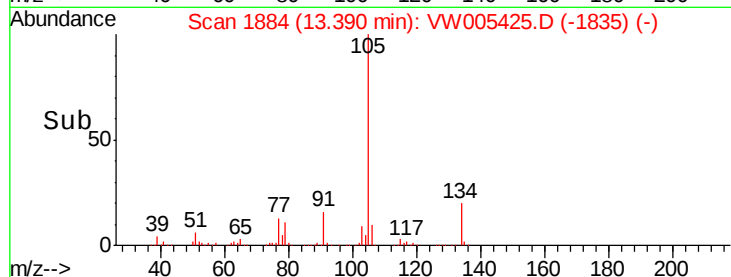
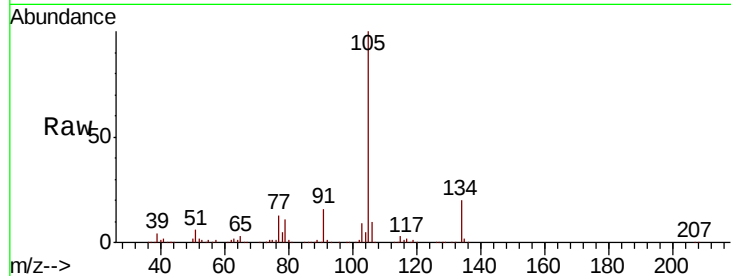
#85
 sec-Butylbenzene
 Concen: 21.17 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW005425.D
 Acq: 17 Sep 2018 11:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	334682		
134	19.9	9.8	29.5	

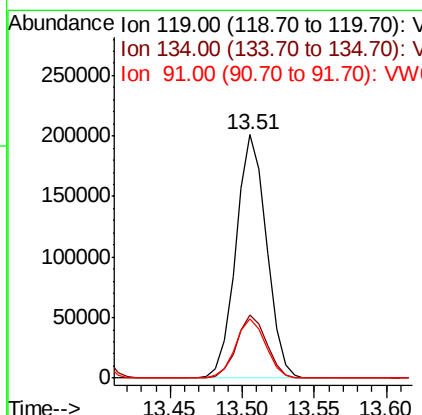
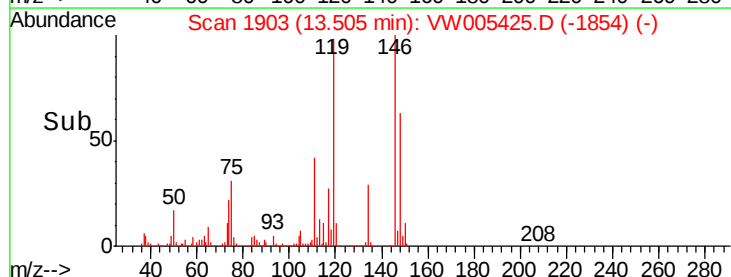
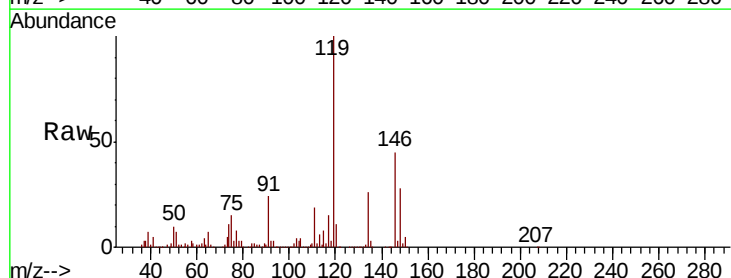
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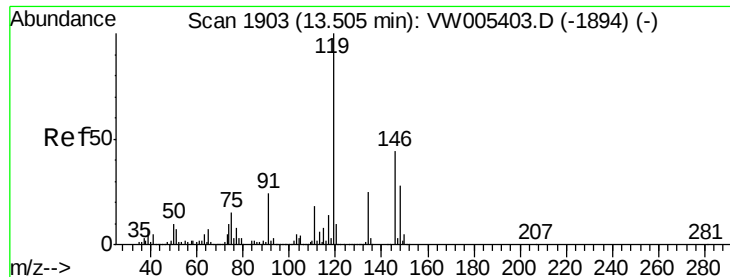
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#86
 p-Isopropyltoluene
 Concen: 20.99 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005425.D
 Acq: 17 Sep 2018 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	296739		
134	25.4	12.6	37.8	
91	24.0	12.0	36.0	





#87

1,3-Dichlorobenzene

Concen: 20.03 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW005425.D

Acq: 17 Sep 2018 11:40

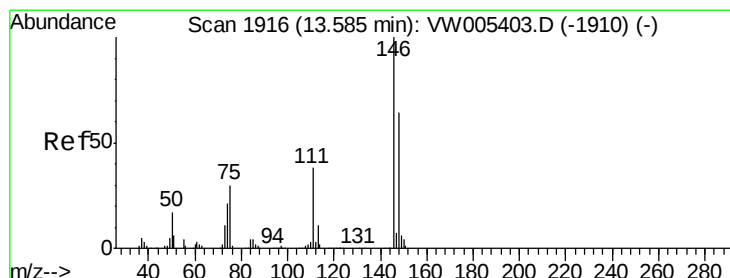
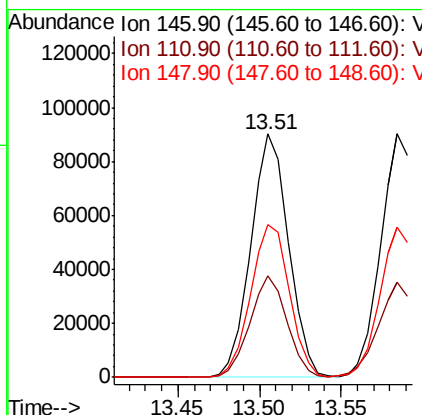
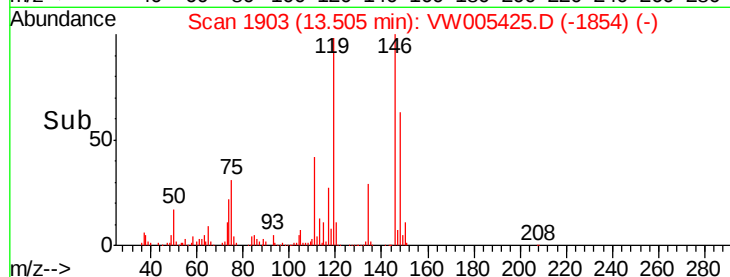
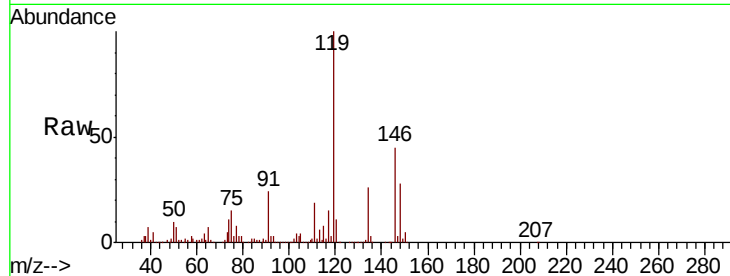
Instrument :
MSVOA_W

ClientSampleId :
VW0917SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	144928		
111	41.1	20.4	61.2	
148	64.3	32.0	96.0	

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#88

1,4-Dichlorobenzene

Concen: 20.29 ug/l

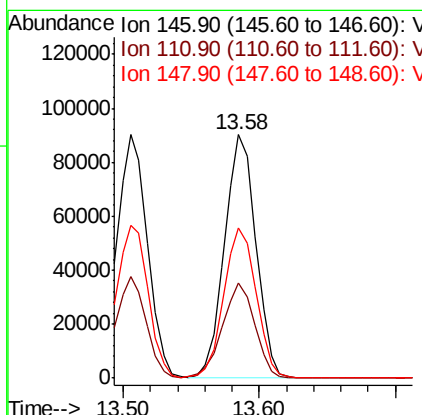
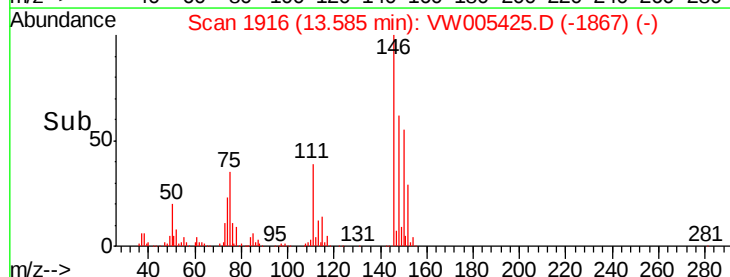
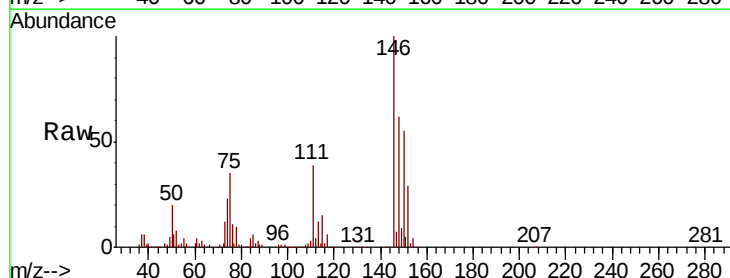
RT: 13.58 min Scan# 1916

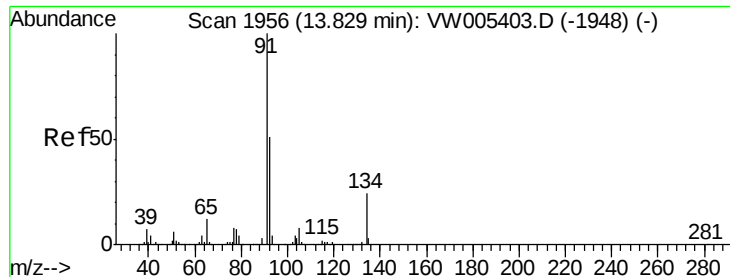
Delta R.T. 0.00 min

Lab File: VW005425.D

Acq: 17 Sep 2018 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	144589		
111	40.4	19.6	58.8	
148	63.6	31.8	95.4	





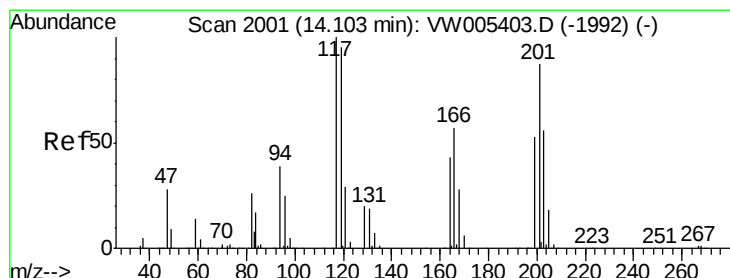
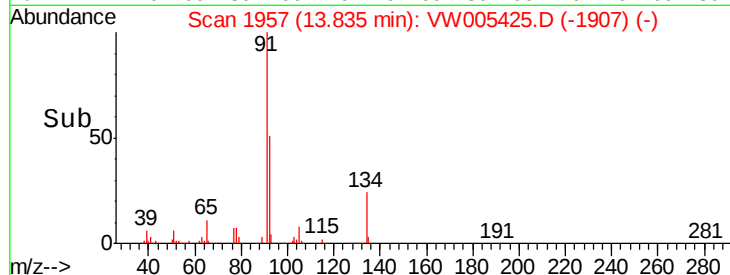
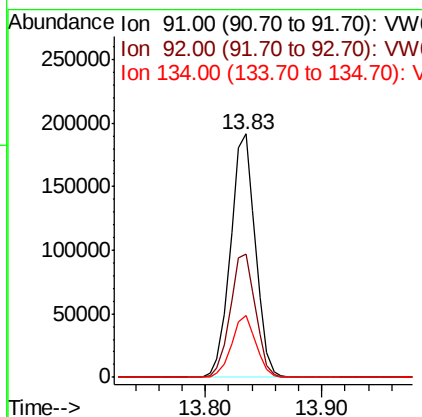
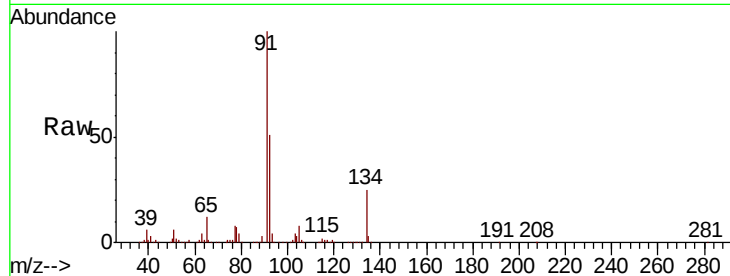
#89
n-Butylbenzene
Concen: 21.50 ug/l
RT: 13.83 min Scan# 1957
Delta R.T. 0.01 min
Lab File: VW005425.D
Acq: 17 Sep 2018 11:40

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	282961		
92	51.6	26.2	78.6	
134	25.0	12.7	38.1	

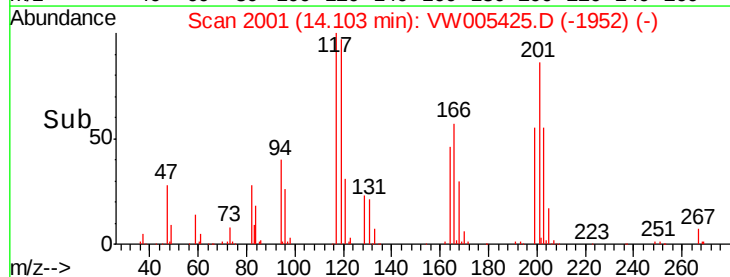
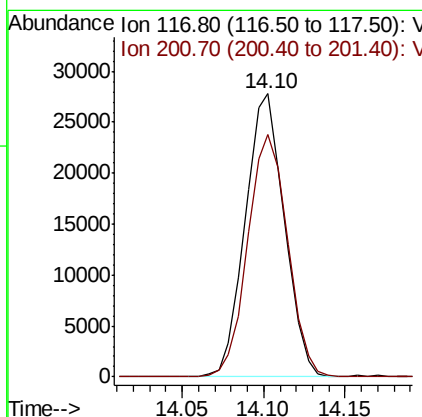
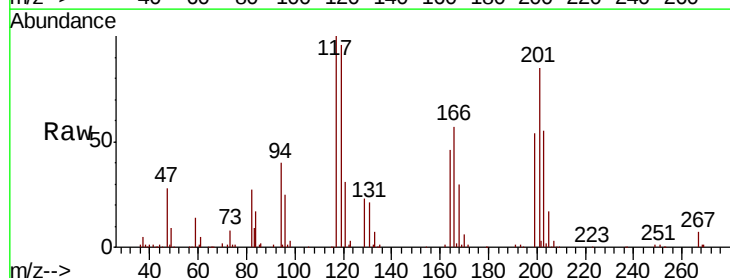
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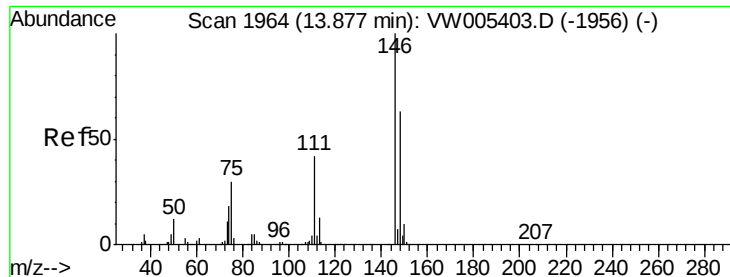
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#90
Hexachloroethane
Concen: 19.17 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.00 min
Lab File: VW005425.D
Acq: 17 Sep 2018 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	46419		
201	87.0	42.5	127.5	





#91

1,2-Dichlorobenzene

Concen: 19.82 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW005425.D

Acq: 17 Sep 2018 11:40

Instrument :

MSVOA_W

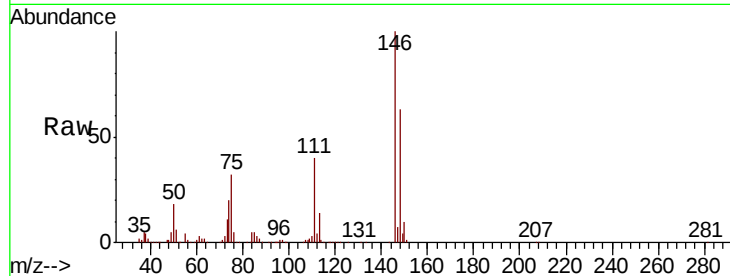
ClientSampled :

VW0917SBS01

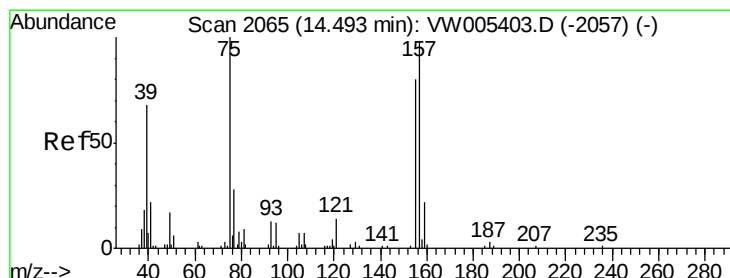
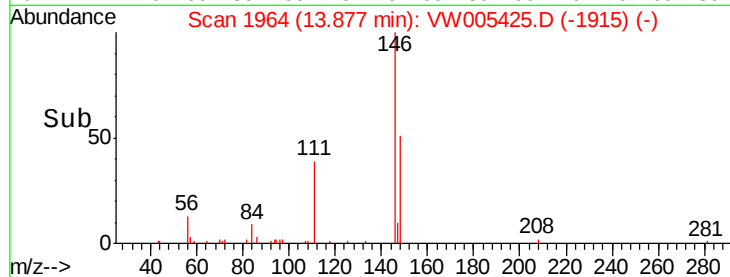
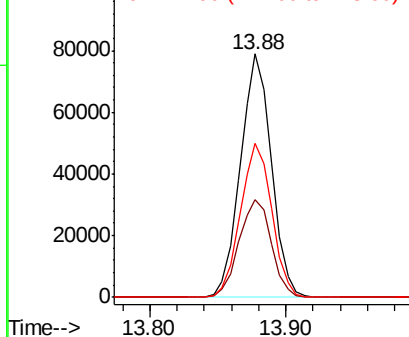
Tot Ion:	146	Resp:	125348
Ion Ratio	Lower	Upper	
146	100		
111	41.9	21.0	63.0
148	64.1	31.9	95.9

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Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.88 ug/l

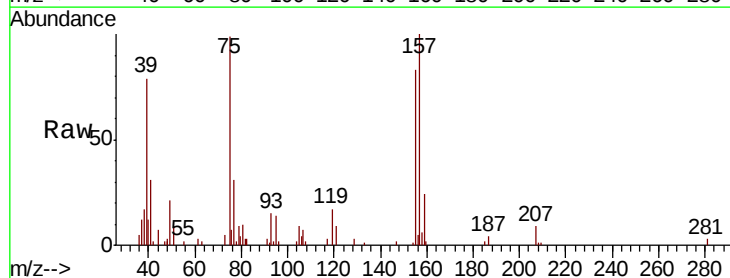
RT: 14.49 min Scan# 2065

Delta R.T. 0.00 min

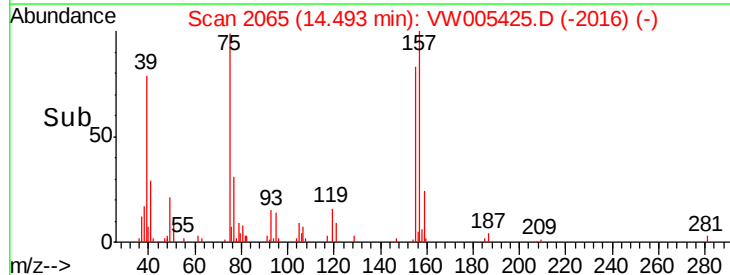
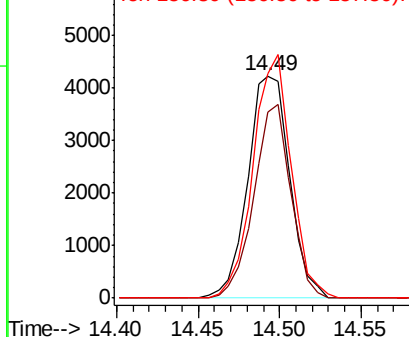
Lab File: VW005425.D

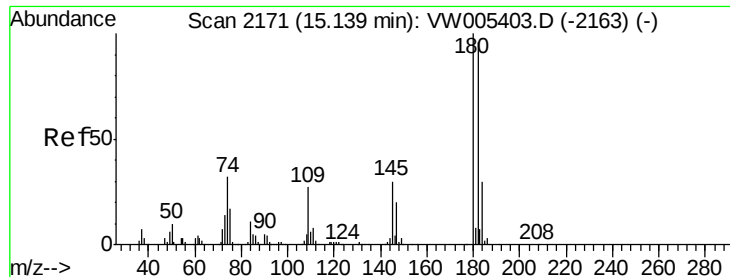
Acq: 17 Sep 2018 11:40

Tgt Ion:	75	Resp:	7563
Ion Ratio	Lower	Upper	
75	100		
155	77.1	39.0	117.0
157	99.5	49.9	149.6



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 20.06 ug/l

RT: 15.15 min Scan# 2172

Delta R.T. 0.01 min

Lab File: VW005425.D

Acq: 17 Sep 2018 11:40

Instrument :

MSVOA_W

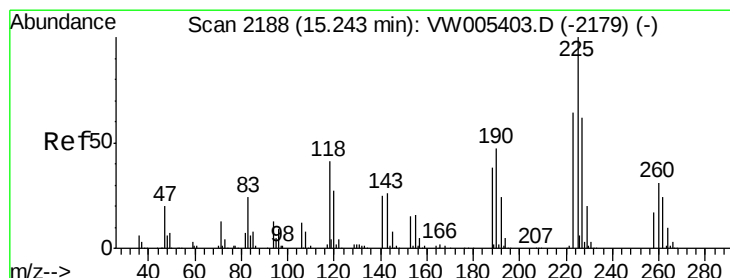
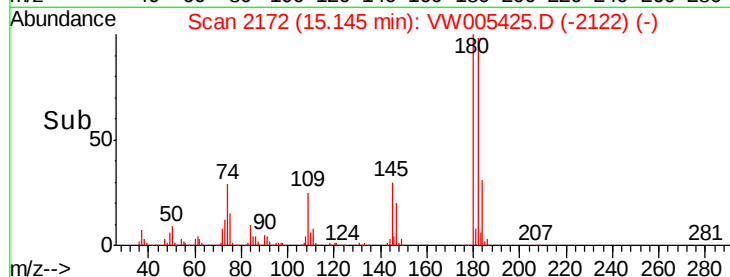
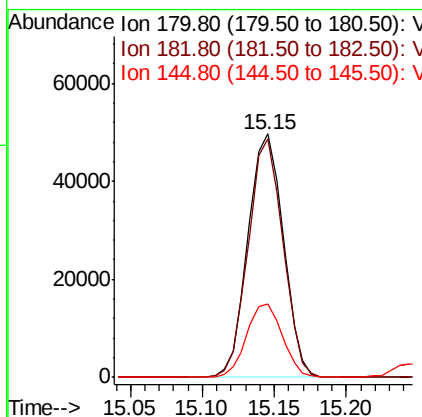
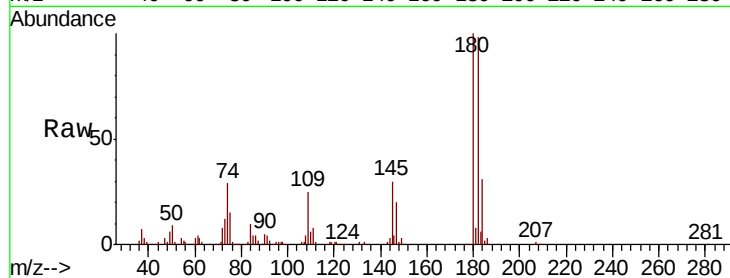
ClientSampleId :

VW0917SBS01

Tot Ion:	180	Resp:	84652
Ion Ratio	Lower	Upper	
180	100		
182	95.8	47.3	141.9
145	30.4	14.8	44.3

Manual Integrations
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#94

Hexachlorobutadiene

Concen: 20.78 ug/l

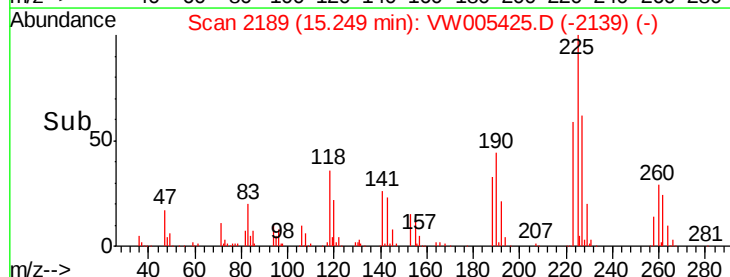
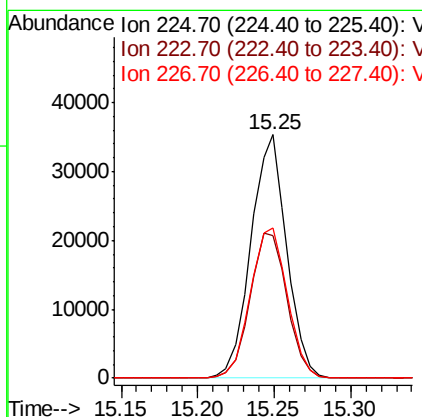
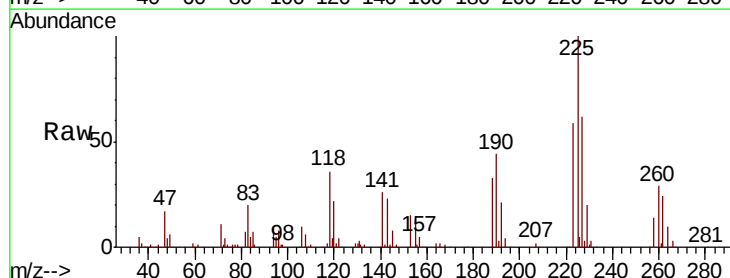
RT: 15.25 min Scan# 2189

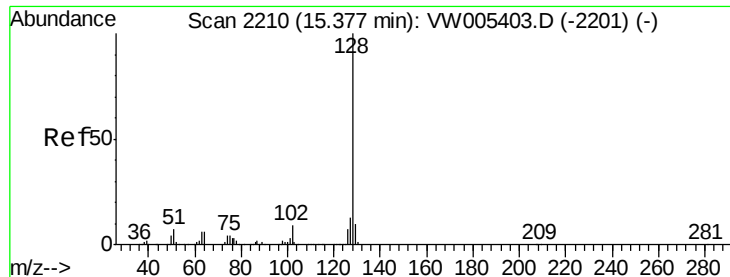
Delta R.T. 0.01 min

Lab File: VW005425.D

Acq: 17 Sep 2018 11:40

Tgt Ion:	225	Resp:	57269
Ion Ratio	Lower	Upper	
225	100		
223	61.5	31.2	93.6
227	64.1	31.6	95.0





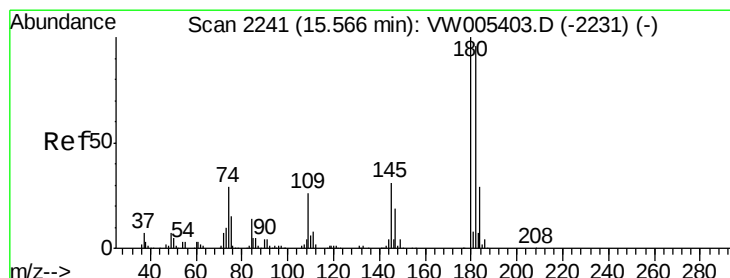
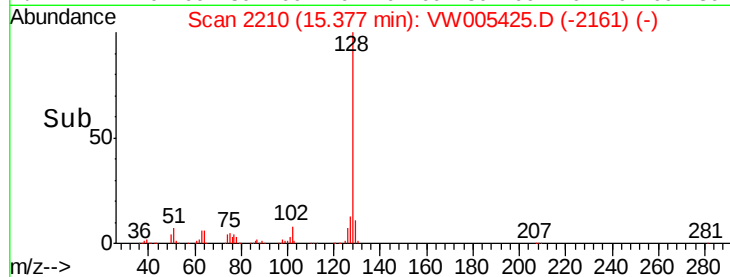
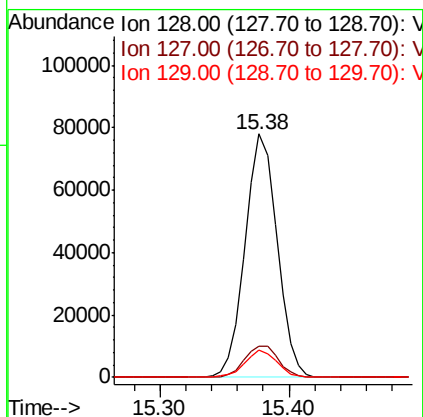
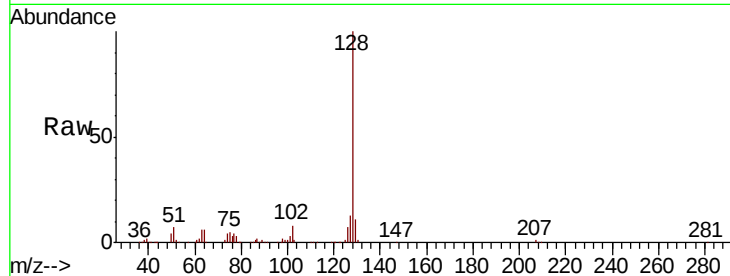
#95
Naphthalene
Concen: 19.10 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005425.D
Acq: 17 Sep 2018 11:40

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	134294		
127	13.6	11.0	16.4	
129	11.0	8.7	13.1	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.00 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW005425.D
Acq: 17 Sep 2018 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	73651		
182	93.4	48.1	144.4	
145	31.6	15.9	47.7	

