

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091618\
 Data File : VW005403.D
 Acq On : 15 Sep 2018 00:06
 Operator : SY/AP
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
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 9/17/2018 2:23:55 PM

Quant Time: Sep 15 02:22:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:05:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	230194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	343134	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	332611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	176011	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	112179	61.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.82%	
35) Dibromofluoromethane	7.89	113	92493	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
50) Toluene-d8	10.33	98	442183	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
62) 4-Bromofluorobenzene	12.62	95	164965	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	98189	48.62	ug/l	100
3) Chloromethane	2.21	50	124597	46.79	ug/l	100
4) Vinyl Chloride	2.36	62	118890	48.41	ug/l	100
5) Bromomethane	2.78	94	78900	47.09	ug/l	100
6) Chloroethane	2.92	64	71905	52.39	ug/l	100
7) Trichlorofluoromethane	3.27	101	155818	54.40	ug/l	100
8) Diethyl Ether	3.69	74	46513	47.06	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	89909	45.63	ug/l	100
10) Methyl Iodide	4.28	142	123034	56.38	ug/l	100
11) Tert butyl alcohol	5.21	59	34233	240.09	ug/l	100
12) 1,1-Dichloroethene	4.05	96	82287	45.51	ug/l	100
13) Acrolein	3.91	56	23331	178.11	ug/l	100
14) Allyl chloride	4.68	41	157535	54.71	ug/l	100
15) Acrylonitrile	5.38	53	109579	245.54	ug/l	100
16) Acetone	4.15	43	86141	263.49	ug/l	100
17) Carbon Disulfide	4.39	76	290751	45.90	ug/l	100
18) Methyl Acetate	4.68	43	54100	54.87	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	236907	53.51	ug/l	100
20) Methylene Chloride	4.93	84	121641	44.66	ug/l	100
21) trans-1,2-Dichloroethene	5.44	96	97871	46.09	ug/l	100
22) Diisopropyl ether	6.32	45	331192	57.05	ug/l	100
23) Vinyl Acetate	6.27	43	931667	286.98	ug/l	100
24) 1,1-Dichloroethane	6.23	63	186675	52.54	ug/l	100
25) 2-Butanone	7.18	43	137936	267.02	ug/l	100
26) 2,2-Dichloropropane	7.18	77	166841	54.06	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	108836	47.73	ug/l	100
28) Bromochloromethane	7.52	49	70488	53.92	ug/l	100
29) Tetrahydrofuran	7.54	42	88970	258.40	ug/l	100
30) Chloroform	7.68	83	191611	53.71	ug/l	100
31) Cyclohexane	7.96	56	176596	48.03	ug/l	100
32) 1,1,1-Trichloroethane	7.88	97	184418	56.82	ug/l	100
36) 1,1-Dichloropropene	8.09	75	157842	49.96	ug/l	100
37) Ethyl Acetate	7.26	43	62715	51.36	ug/l	100
38) Carbon Tetrachloride	8.07	117	161341	53.57	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	187708	45.71	ug/l	100
40) Benzene	8.33	78	460125	49.70	ug/l	100
41) Methacrylonitrile	7.49	41	38462	60.38	ug/l	100
42) 1,2-Dichloroethane	8.41	62	138976	59.49	ug/l	100
43) Isopropyl Acetate	8.43	43	125650	55.11	ug/l	100
44) Trichloroethene	9.10	130	116364	46.29	ug/l	100
45) 1,2-Dichloropropane	9.38	63	109011	49.01	ug/l	100
46) Dibromomethane	9.46	93	52772	48.10	ug/l	100
47) Bromodichloromethane	9.65	83	145942	53.59	ug/l	100
48) Methyl methacrylate	9.45	41	65597	55.84	ug/l	100
49) 1,4-Dioxane	9.48	88	18718	939.64	ug/l #	100
51) 4-Methyl-2-Pentanone	10.22	43	335455	264.96	ug/l	100
52) Toluene	10.40	92	319393	47.73	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	147973	50.94	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	166591	48.38	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	76938	44.74	ug/l	100
56) Ethyl methacrylate	10.65	69	107376	49.08	ug/l	100
57) 1,3-Dichloropropane	10.94	76	138504	47.98	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	229351	240.08	ug/l	100
59) 2-Hexanone	10.98	43	237562	261.34	ug/l	100
60) Dibromochloromethane	11.13	129	95680	49.43	ug/l	100
61) 1,2-Dibromoethane	11.24	107	71502	45.38	ug/l	100
64) Tetrachloroethene	10.87	164	121143	49.22	ug/l	100
65) Chlorobenzene	11.66	112	346148	47.86	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	110930	50.75	ug/l	100
67) Ethyl Benzene	11.74	91	628917	49.79	ug/l	100
68) m/p-Xylenes	11.85	106	485380	95.91	ug/l	100
69) o-Xylene	12.17	106	227382	48.39	ug/l	100
70) Styrene	12.19	104	382003	49.66	ug/l	100
71) Bromoform	12.35	173	59076	50.05	ug/l #	100
73) Isopropylbenzene	12.47	105	623876	50.47	ug/l	100
74) N-amyl acetate	12.28	43	132381	55.14	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	88048	47.62	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	65411m	48.42	ug/l	
77) Bromobenzene	12.75	156	144837	49.52	ug/l	100
78) n-propylbenzene	12.81	91	760045	50.83	ug/l	100
79) 2-Chlorotoluene	12.90	91	441847	51.44	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	558363	52.43	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	28227	49.30	ug/l	100
82) 4-Chlorotoluene	12.99	91	467236	51.64	ug/l	100
83) tert-Butylbenzene	13.21	119	461226	49.94	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	567809	52.81	ug/l	100
85) sec-Butylbenzene	13.39	105	660604	49.83	ug/l	100
86) p-Isopropyltoluene	13.51	119	599691	51.00	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	292237	47.88	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	290806	48.21	ug/l	100
89) n-Butylbenzene	13.83	91	561045	50.76	ug/l	100
90) Hexachloroethane	14.10	117	99618	52.30	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	260844	48.37	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16798	53.44	ug/l	100

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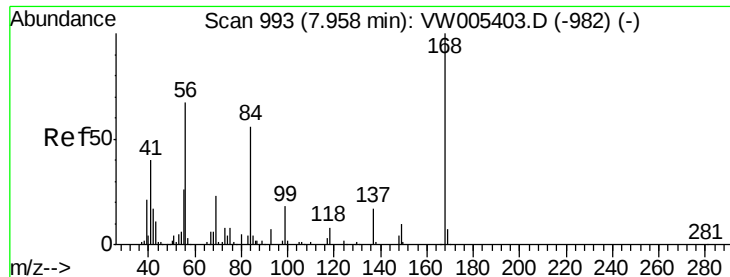
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	180981	47.72	ug/l	100
94) Hexachlorobutadiene	15.24	225	116426	47.95	ug/l	100
95) Naphthalene	15.38	128	302816	49.32	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	156225	47.96	ug/l	100

(#) = 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: VW005403.D

Acq: 15 Sep 2018 00:06

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tot Ion:168 Resp: 230194

Ion Ratio Lower Upper

168 100

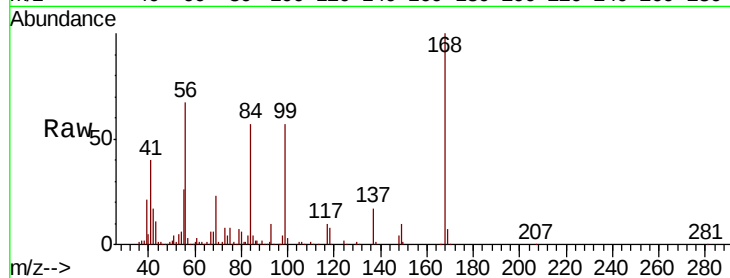
99 56.3 45.0 67.6

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.96

120000

100000

80000

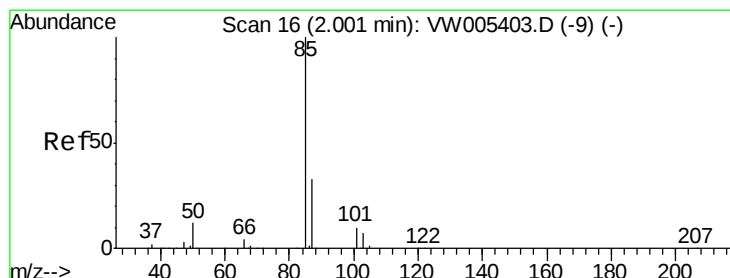
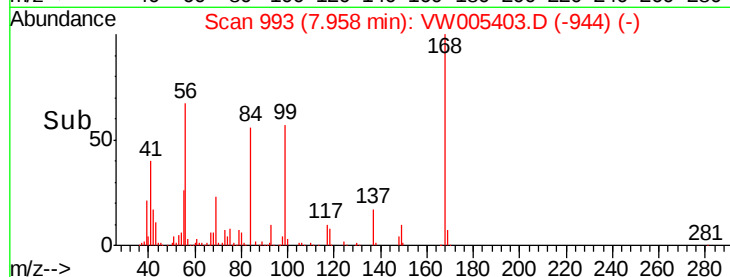
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 48.62 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW005403.D

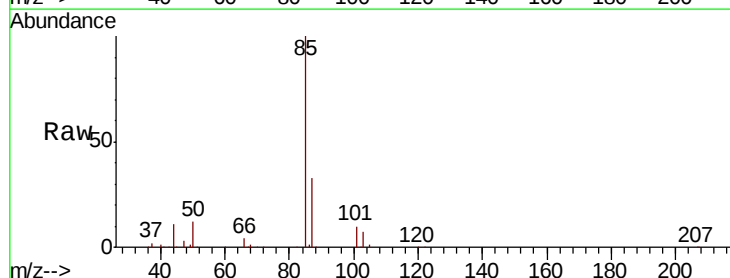
Acq: 15 Sep 2018 00:06

Tgt Ion: 85 Resp: 98189

Ion Ratio Lower Upper

85 100

87 32.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

80000

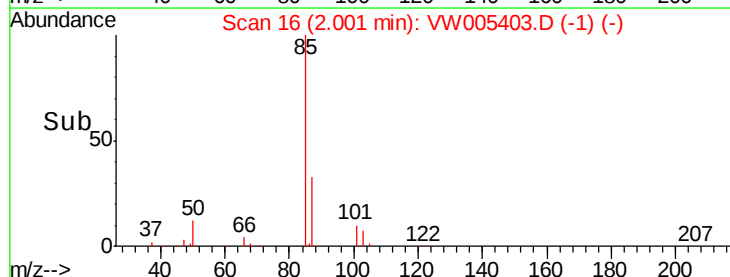
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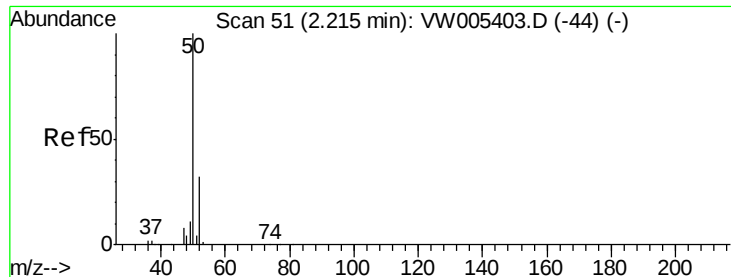
40000

20000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 46.79 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 124597

Ion Ratio Lower Upper

50 100

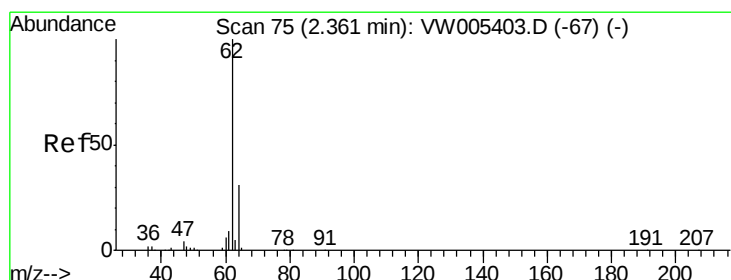
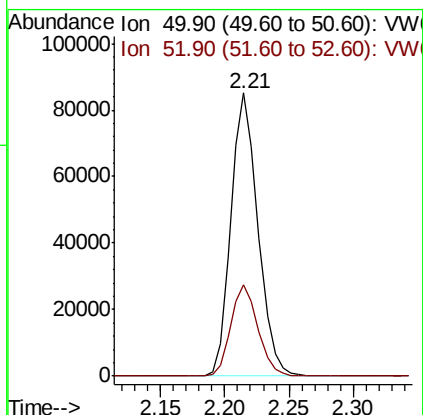
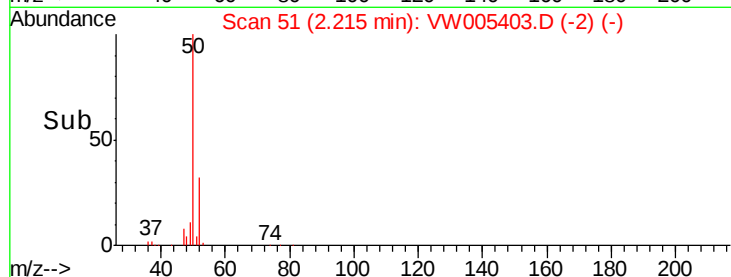
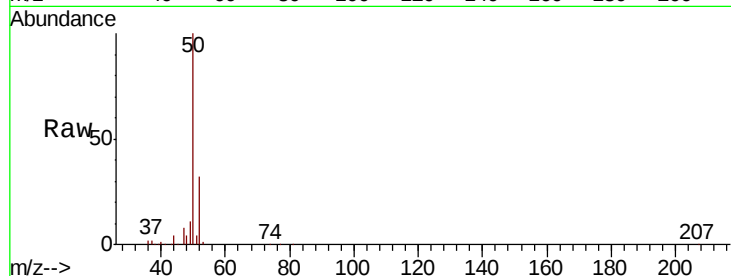
52 32.2 25.8 38.6

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#4

Vinyl Chloride

Concen: 48.41 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW005403.D

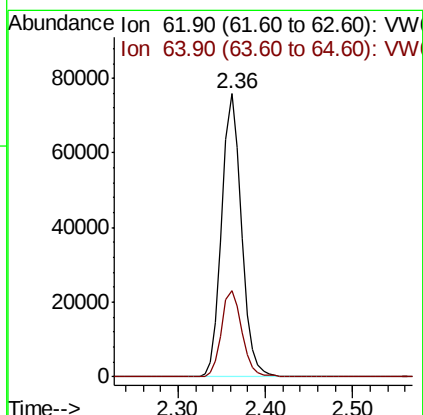
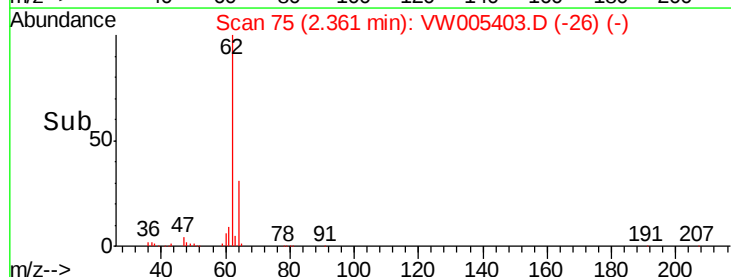
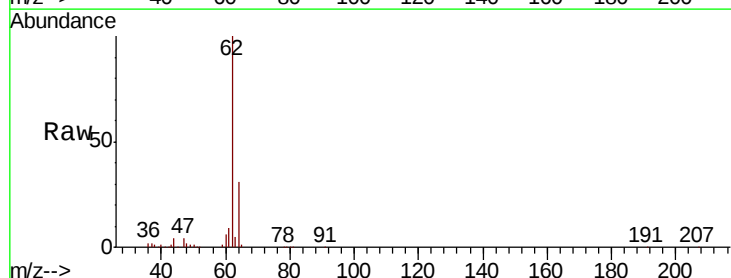
Acq: 15 Sep 2018 00:06

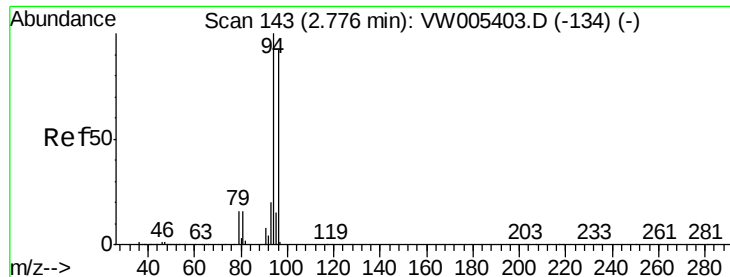
Tgt Ion: 62 Resp: 118890

Ion Ratio Lower Upper

62 100

64 30.6 24.5 36.7





#5

Bromomethane

Concen: 47.09 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tot Ion: 94 Resp: 78900

Ion Ratio Lower Upper

94 100

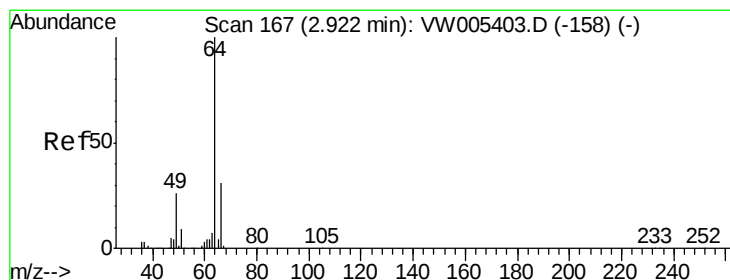
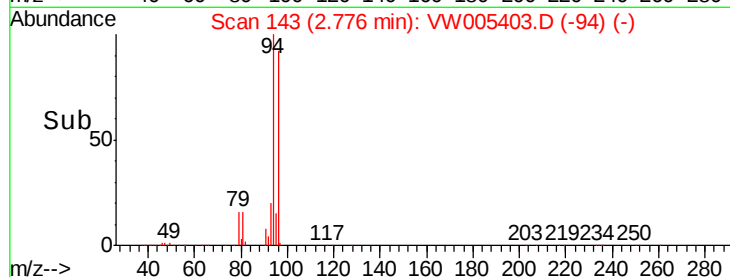
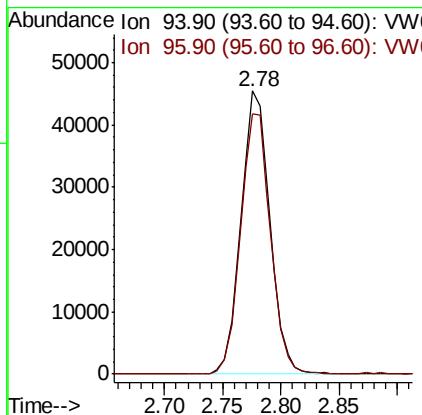
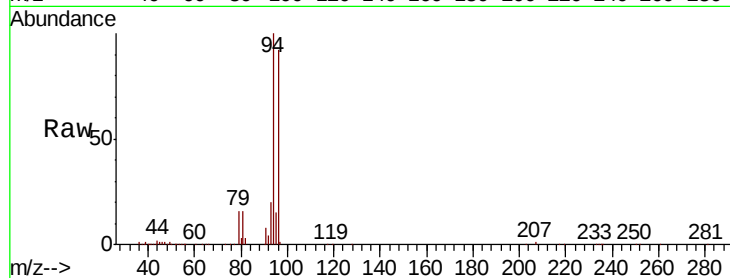
96 92.1 73.7 110.5

Manual Integrations

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#6

Chloroethane

Concen: 52.39 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW005403.D

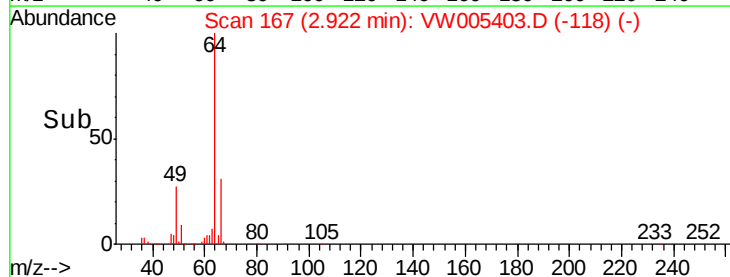
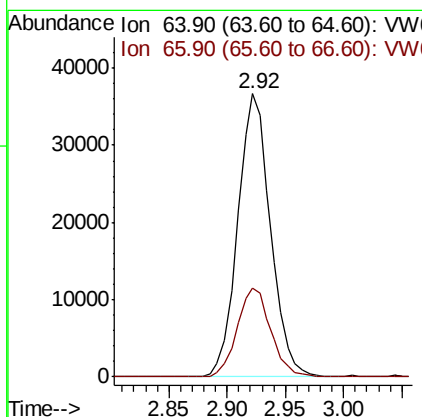
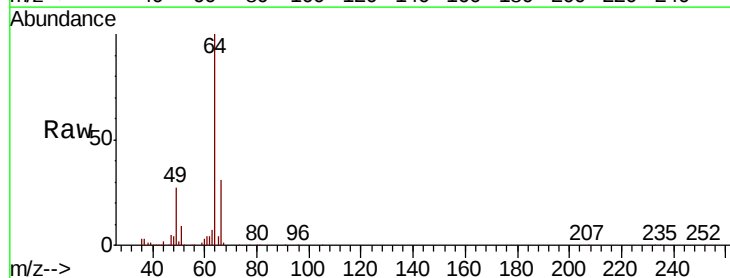
Acq: 15 Sep 2018 00:06

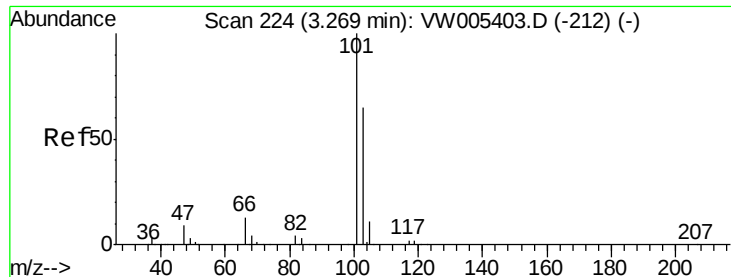
Tgt Ion: 64 Resp: 71905

Ion Ratio Lower Upper

64 100

66 31.5 25.2 37.8





#7

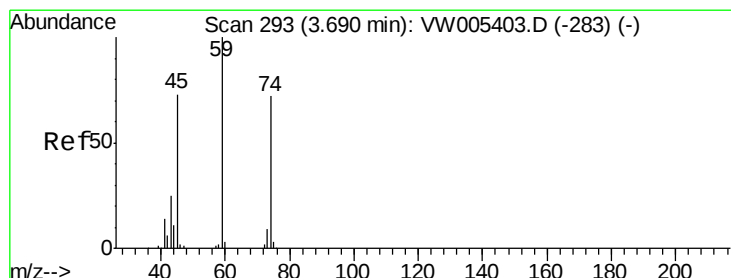
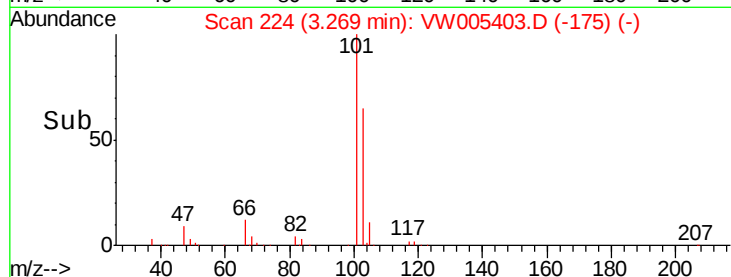
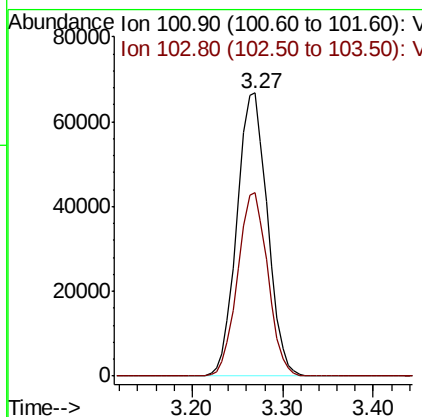
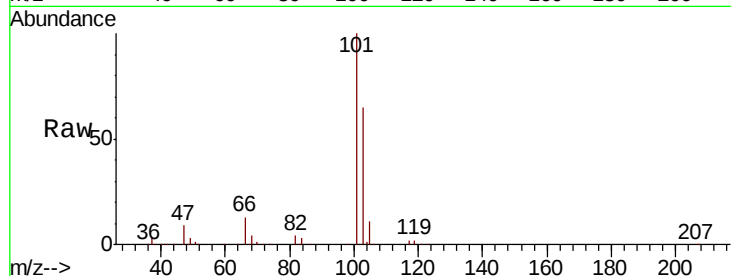
Trichlorofluoromethane
 Concen: 54.40 ug/l
 RT: 3.27 min Scan# 224
 Delta R.T. 0.00 min
 Lab File: VW005403.D
 Acq: 15 Sep 2018 00:06

Instrument :
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 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	51.7	77.5

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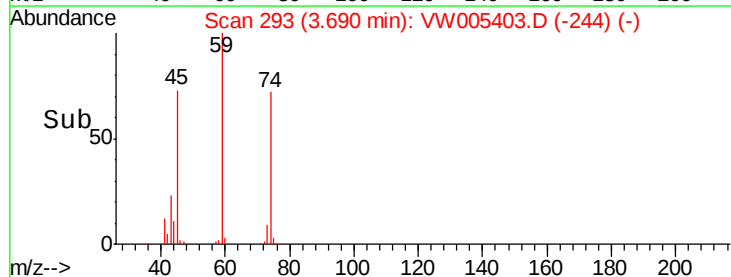
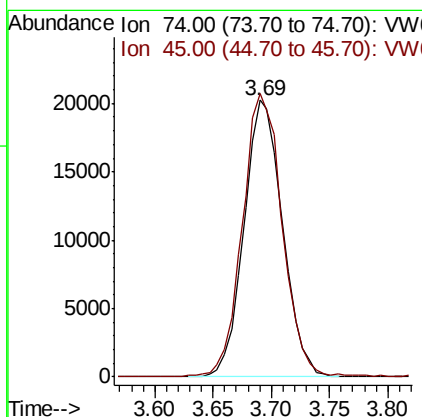
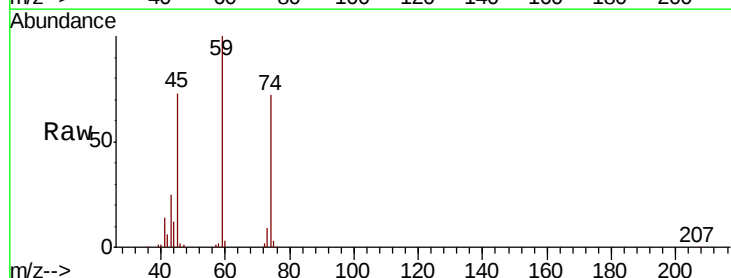
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 9/17/2018 2:23:55 PM

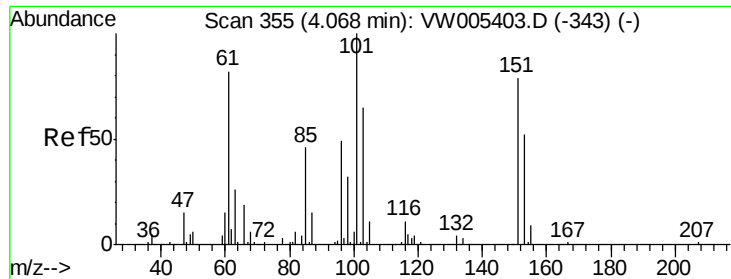


#8

Diethyl Ether
 Concen: 47.06 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VW005403.D
 Acq: 15 Sep 2018 00:06

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.2	53.1	159.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.63 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

Instrument :

MSVOA_W

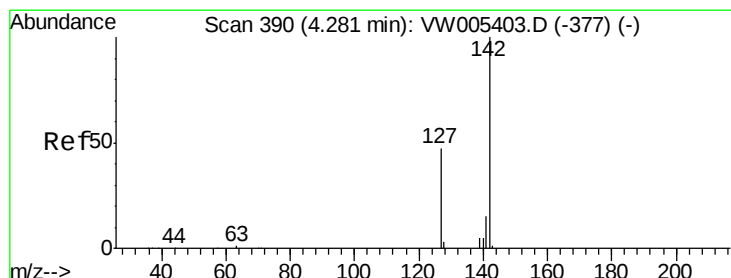
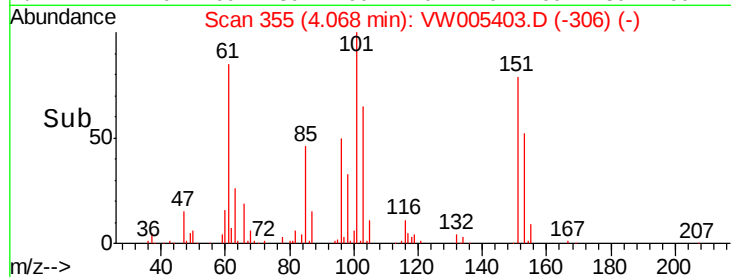
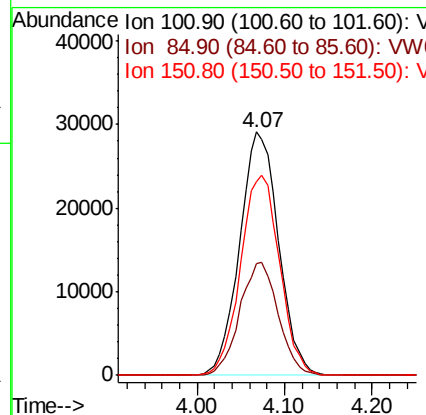
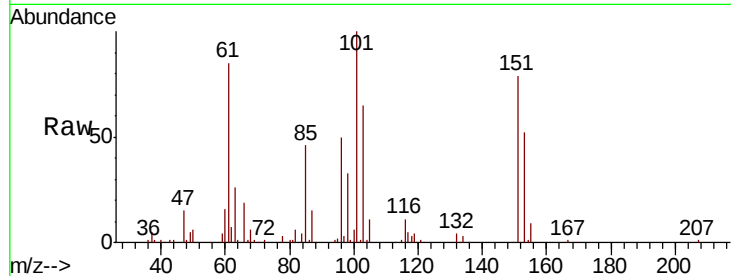
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	89909
Ion Ratio	Lower	Upper	
101	100		
85	45.7	36.6	54.8
151	82.9	66.3	99.5

Manual Integrations
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#10

Methyl Iodide

Concen: 56.38 ug/l

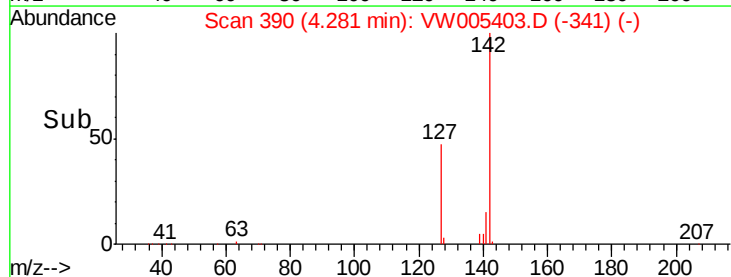
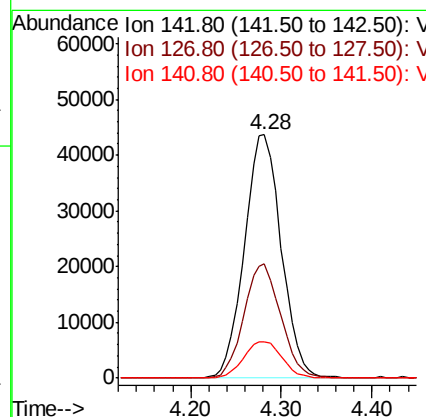
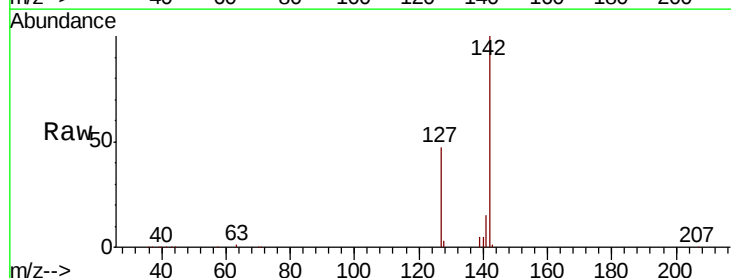
RT: 4.28 min Scan# 390

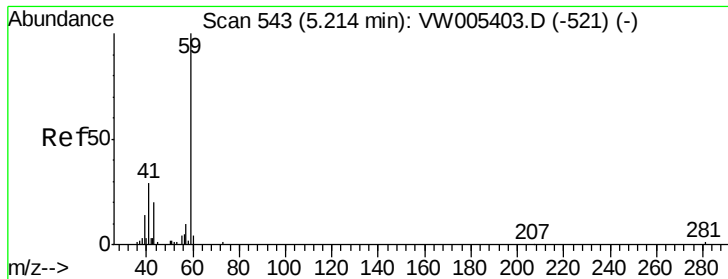
Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

Tgt Ion:	142	Resp:	123034
Ion Ratio	Lower	Upper	
142	100		
127	46.9	37.5	56.3
141	15.5	12.4	18.6





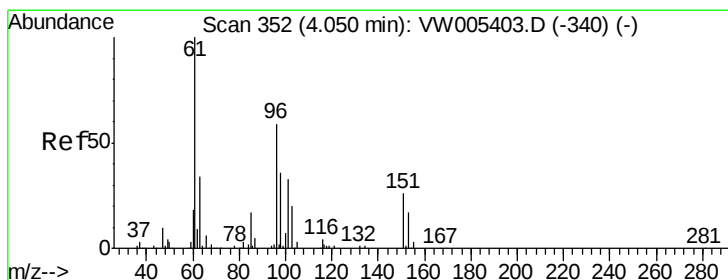
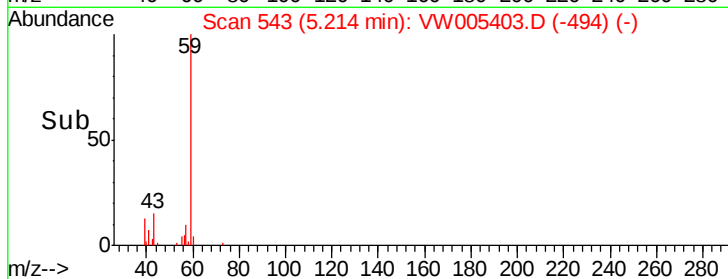
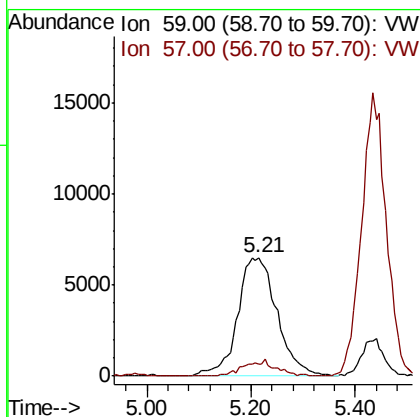
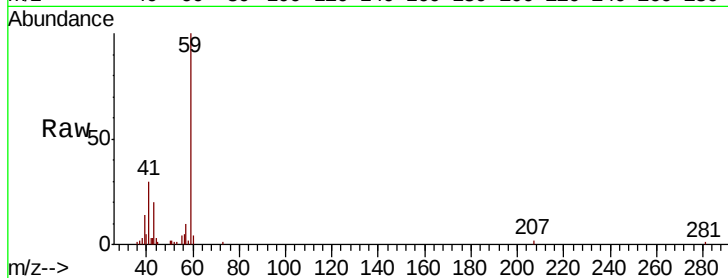
#11
Tert butyl alcohol
Concen: 240.09 ug/l
RT: 5.21 min Scan# 543
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	59	Resp	34233
Ion Ratio	100	Lower	Upper
57	10.8	8.6	13.0

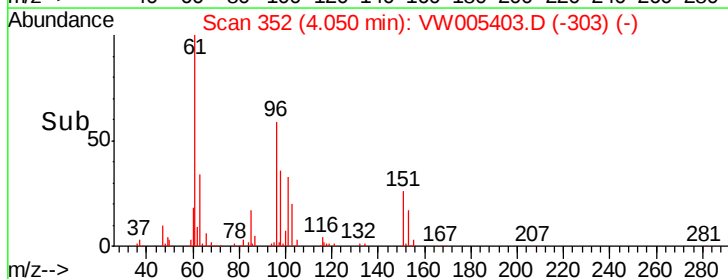
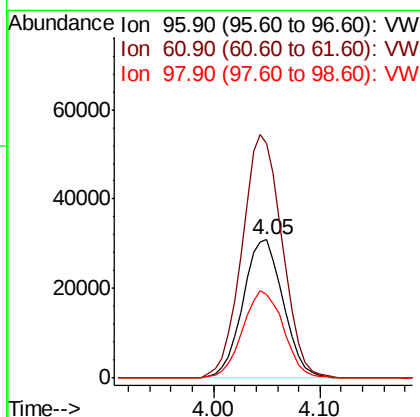
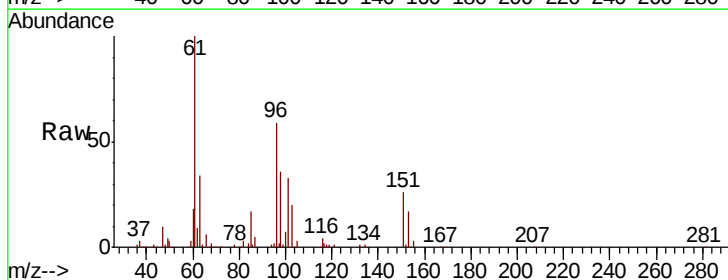
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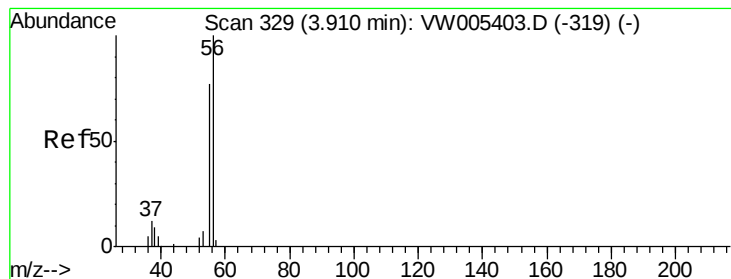
apatel
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#12
1,1-Dichloroethene
Concen: 45.51 ug/l
RT: 4.05 min Scan# 352
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

Tgt Ion	96	Resp	82287
Ion Ratio	100	Lower	Upper
61	169.6	135.7	203.5
98	60.8	48.6	73.0





#13

Acrolein

Concen: 178.11 ug/l

RT: 3.91 min Scan# 329

Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 23331

Ion Ratio Lower Upper

56 100

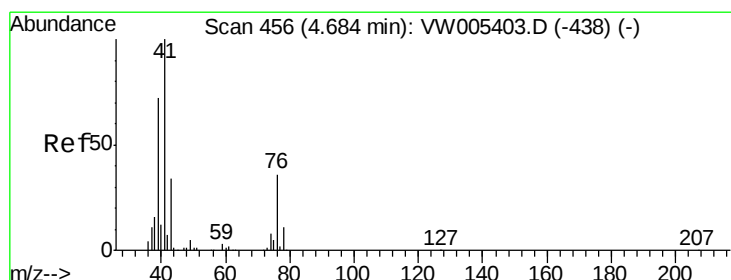
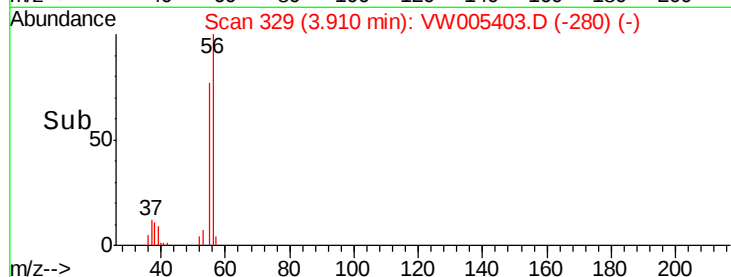
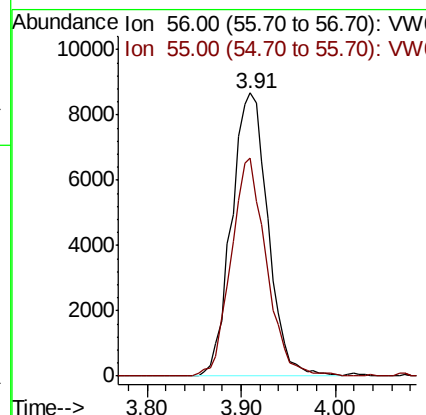
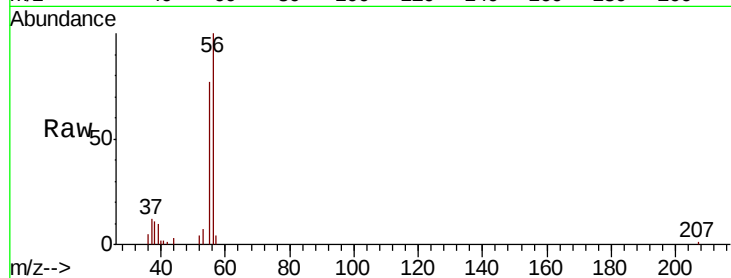
55 74.8 59.8 89.8

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#14

Allyl chloride

Concen: 54.71 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

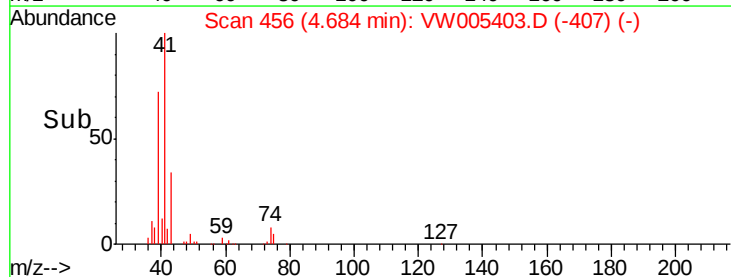
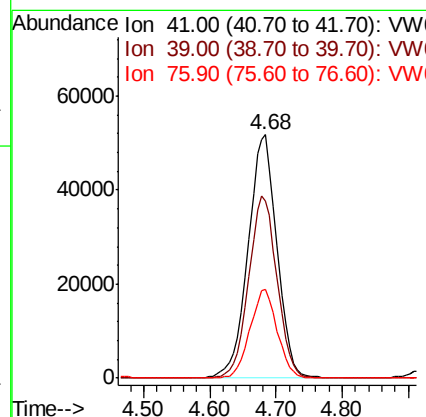
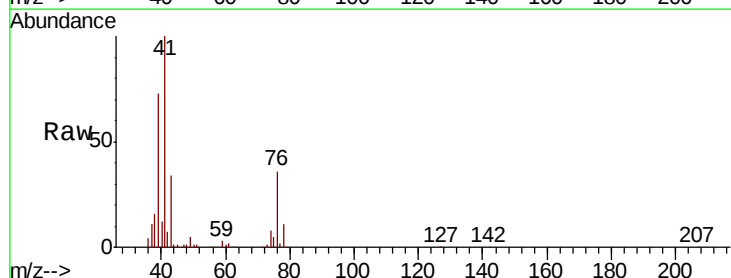
Tgt Ion: 41 Resp: 157535

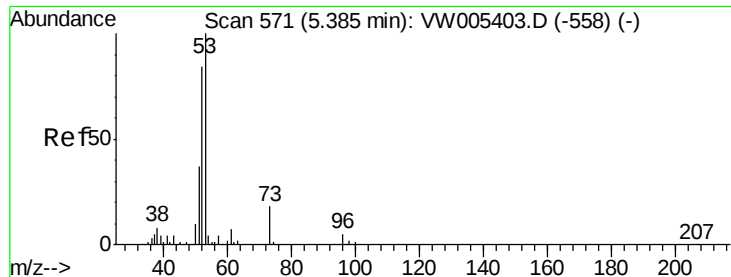
Ion Ratio Lower Upper

41 100

39 73.3 58.6 88.0

76 34.2 27.4 41.0





#15

Acrylonitrile

Concen: 245.54 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

Instrument :

MSVOA_W

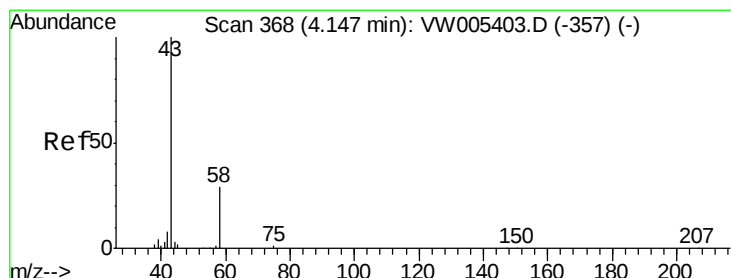
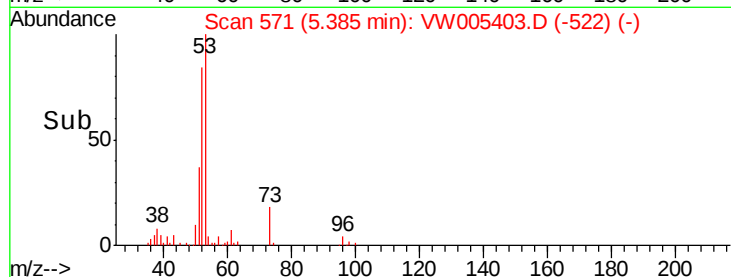
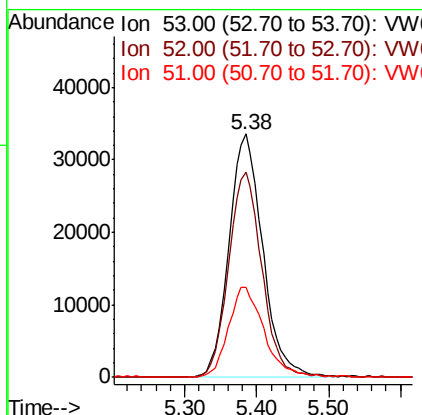
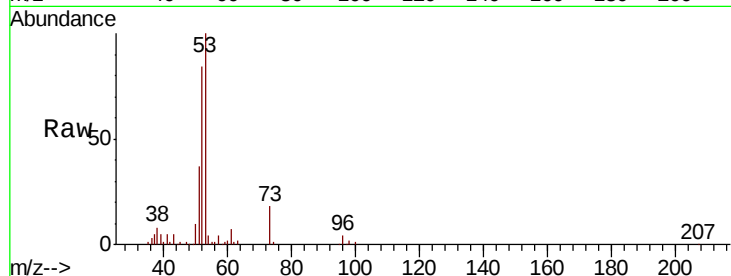
ClientSampled :

VSTDICCC050

Tot Ion:	53	Resp:	109579
Ion Ratio	Lower	Upper	
53	100		
52	83.2	66.6	99.8
51	38.9	31.1	46.7

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#16

Acetone

Concen: 263.49 ug/l

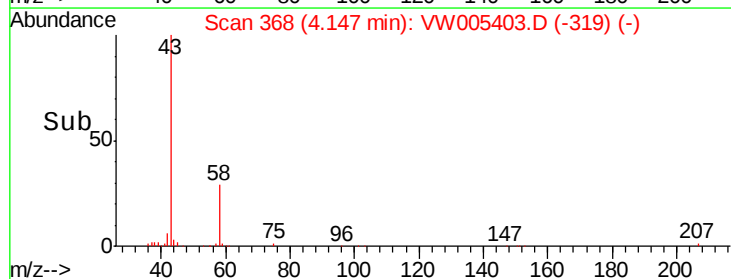
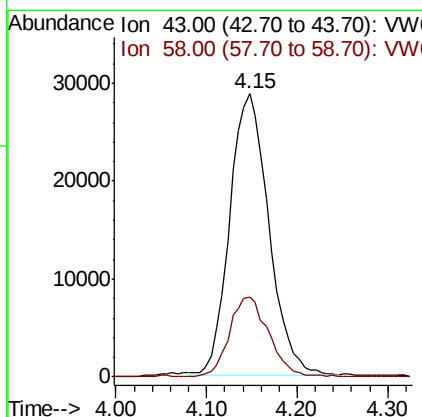
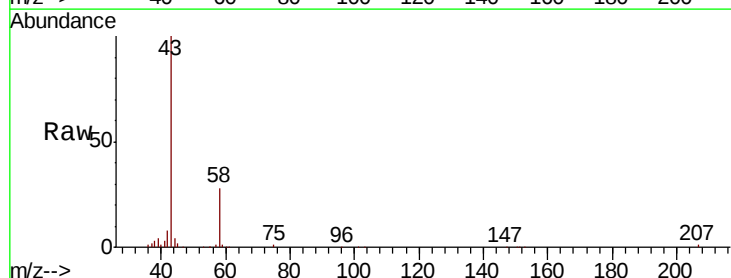
RT: 4.15 min Scan# 368

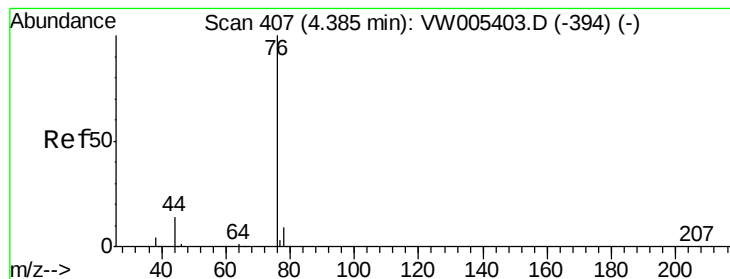
Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

Tgt Ion:	43	Resp:	86141
Ion Ratio	Lower	Upper	
43	100		
58	28.5	22.8	34.2





#17

Carbon Disulfide

Concen: 45.90 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 290751

Ion Ratio Lower Upper

76 100

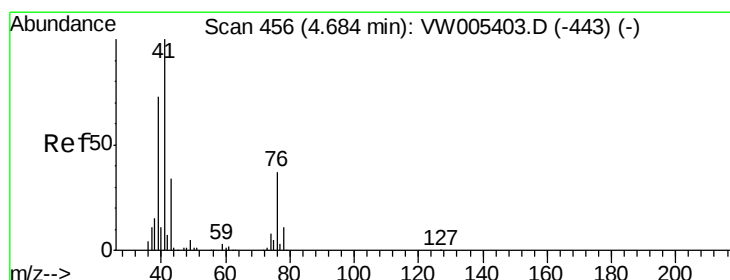
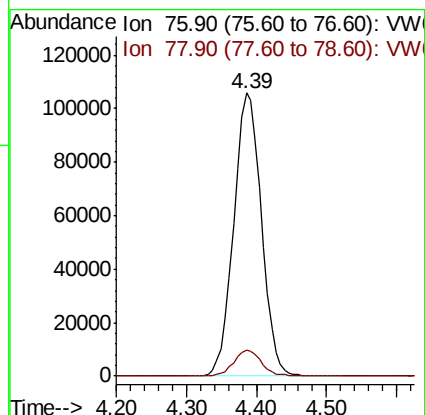
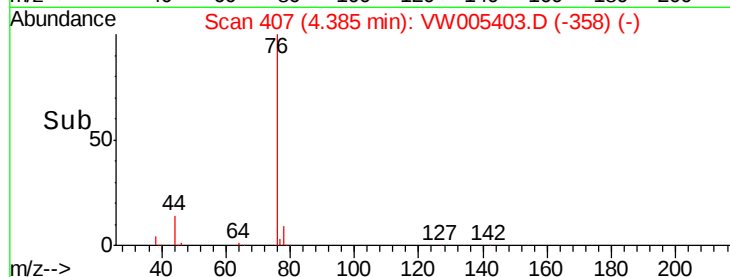
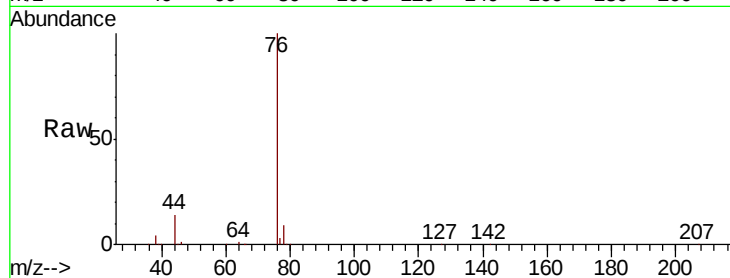
78 9.2 7.4 11.0

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#18

Methyl Acetate

Concen: 54.87 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW005403.D

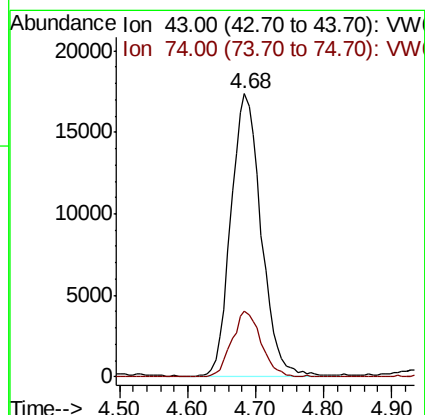
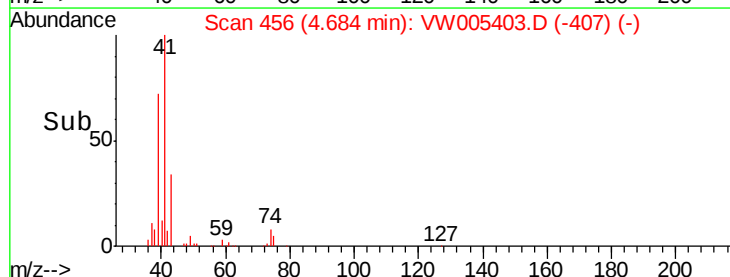
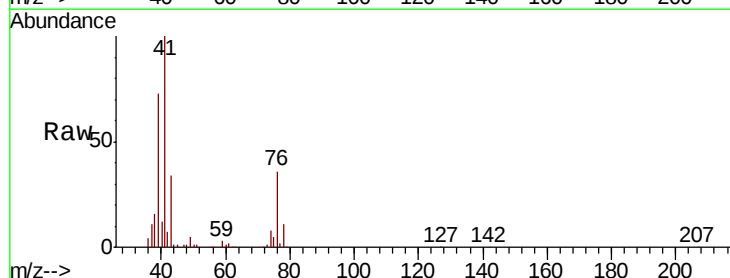
Acq: 15 Sep 2018 00:06

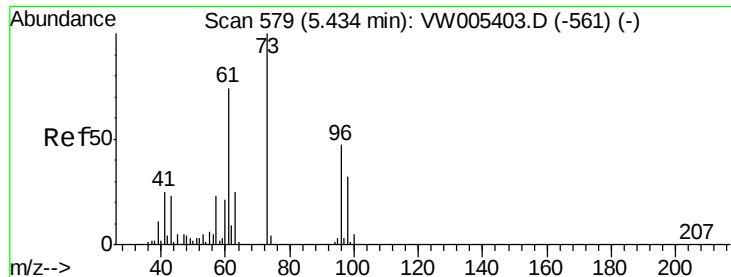
Tgt Ion: 43 Resp: 54100

Ion Ratio Lower Upper

43 100

74 22.1 17.7 26.5





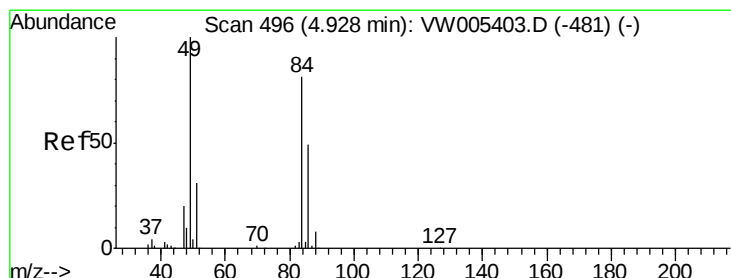
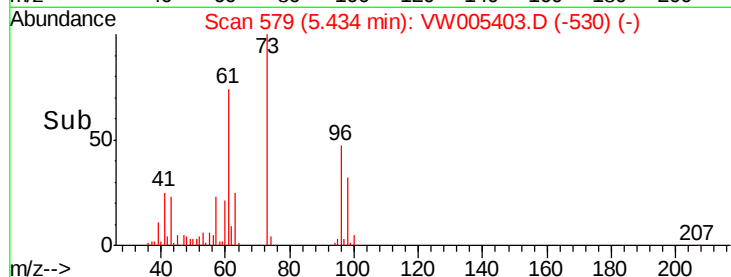
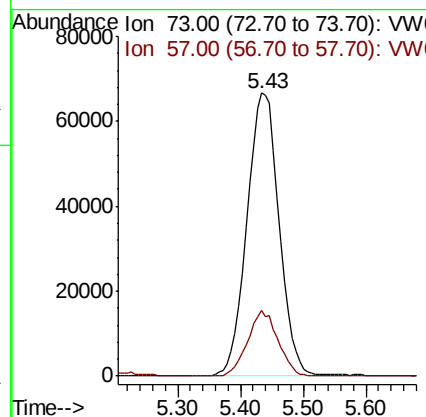
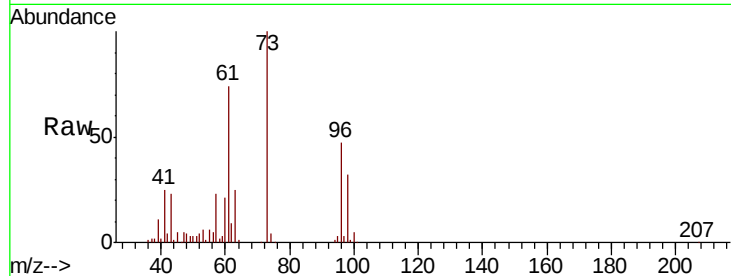
#19
Methyl tert-butyl Ether
Concen: 53.51 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 73 Resp: 236907
Ion Ratio Lower Upper
73 100
57 23.3 18.6 28.0

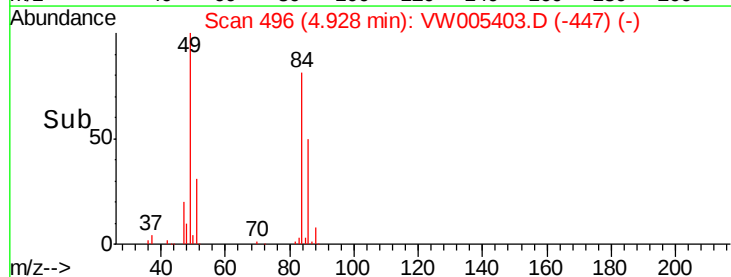
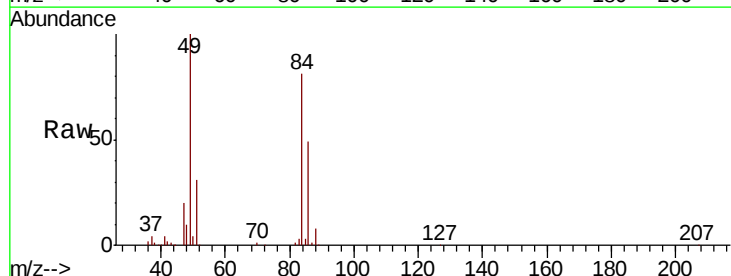
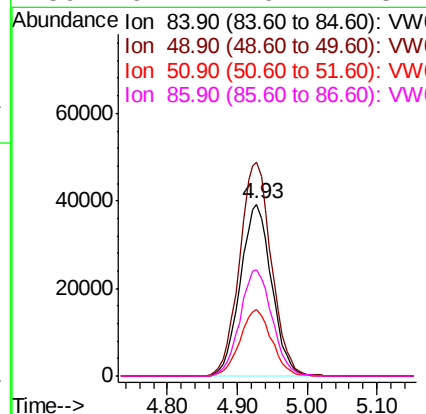
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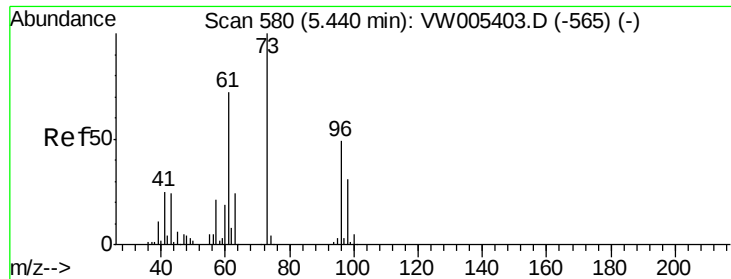
apatel
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#20
Methylene Chloride
Concen: 44.66 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

Tgt Ion: 84 Resp: 121641
Ion Ratio Lower Upper
84 100
49 124.1 99.3 148.9
51 38.9 31.1 46.7
86 61.4 49.1 73.7





#21

trans-1,2-Dichloroethene

Concen: 46.09 ug/l

RT: 5.44 min Scan# 580

Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 96 Resp: 97871

Ion Ratio Lower Upper

96 100

61 145.9 116.7 175.1

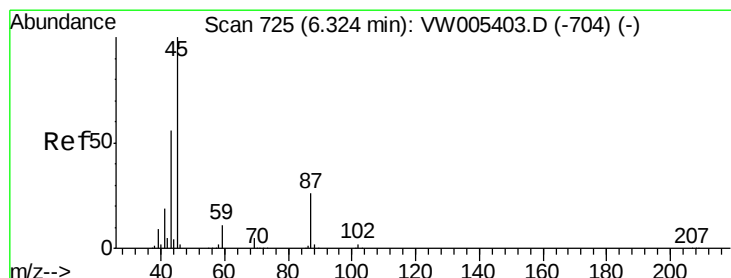
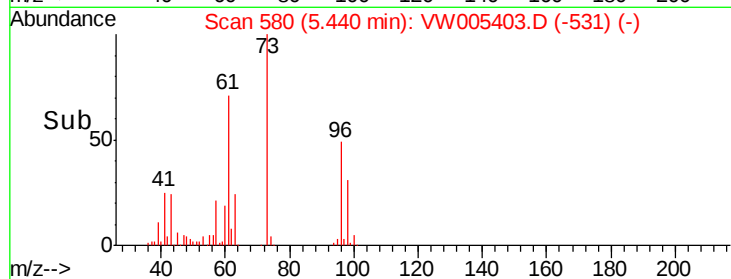
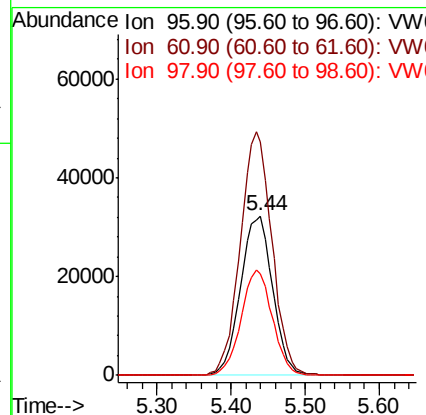
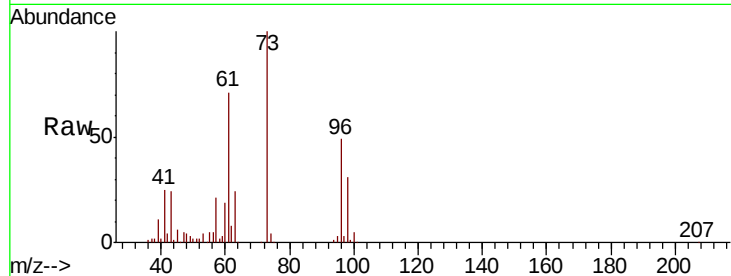
98 63.8 51.0 76.6

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#22

Diisopropyl ether

Concen: 57.05 ug/l

RT: 6.32 min Scan# 725

Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

Tgt Ion: 45 Resp: 331192

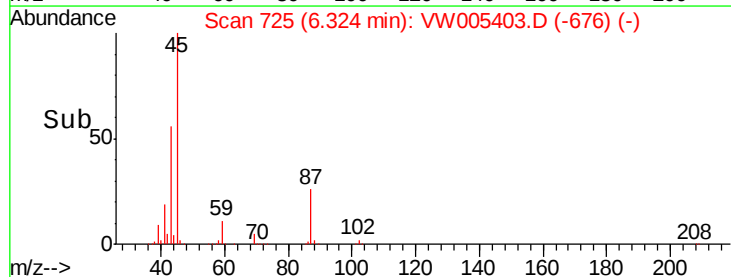
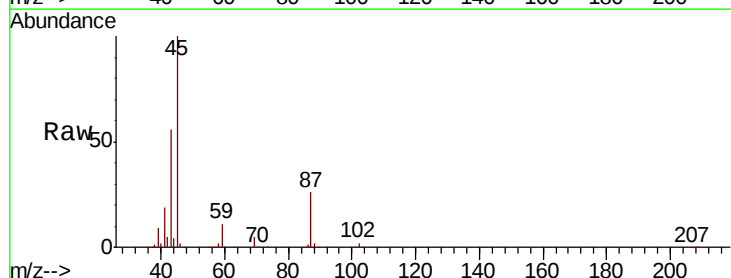
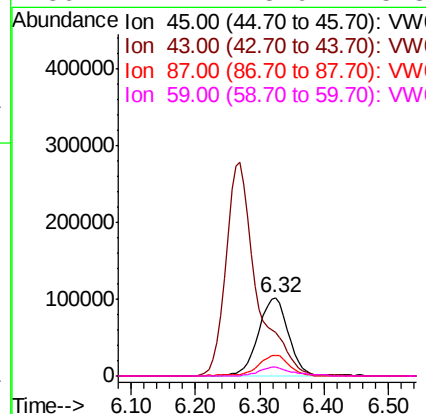
Ion Ratio Lower Upper

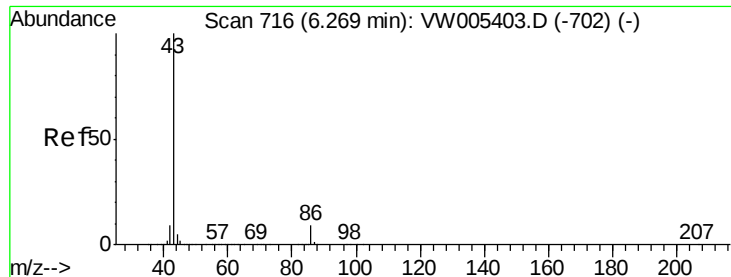
45 100

43 55.8 44.6 67.0

87 25.8 20.6 31.0

59 11.1 8.9 13.3





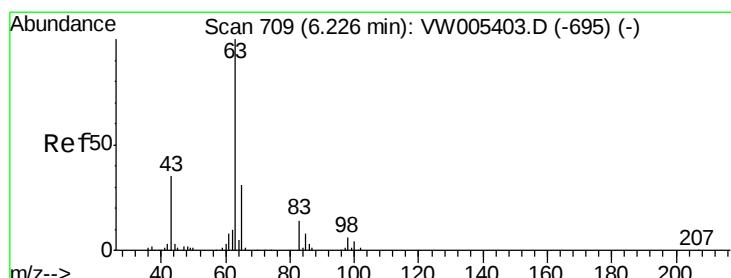
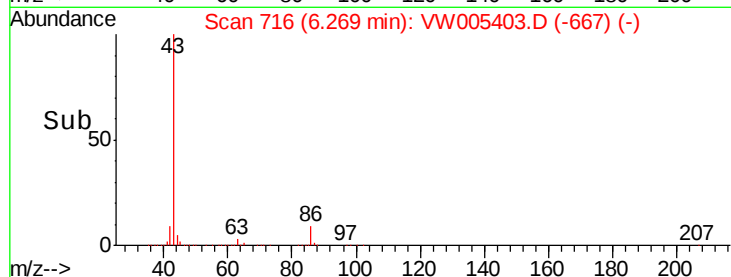
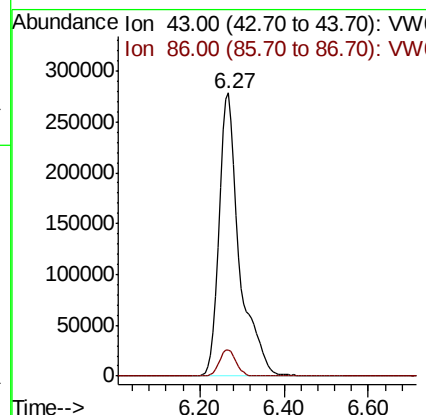
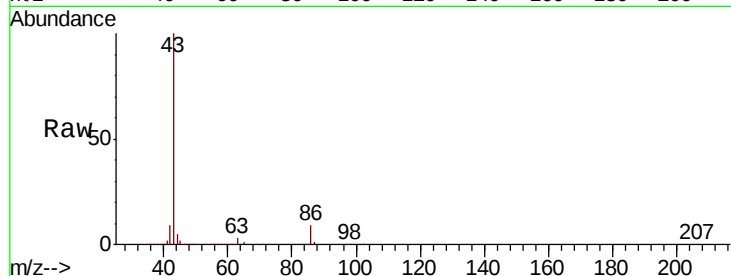
#23
 Vinyl Acetate
 Concen: 286.98 ug/l
 RT: 6.27 min Scan# 716
 Delta R.T. 0.00 min
 Lab File: VW005403.D
 Acq: 15 Sep 2018 00:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
86	9.4	7.5	11.3

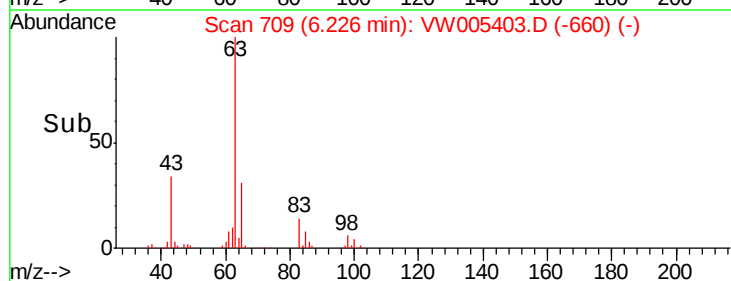
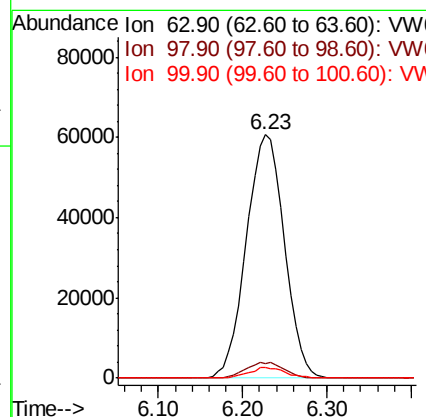
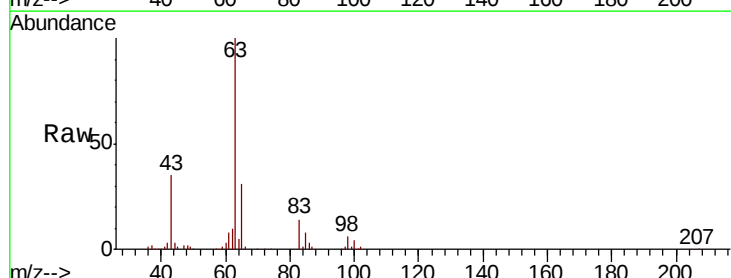
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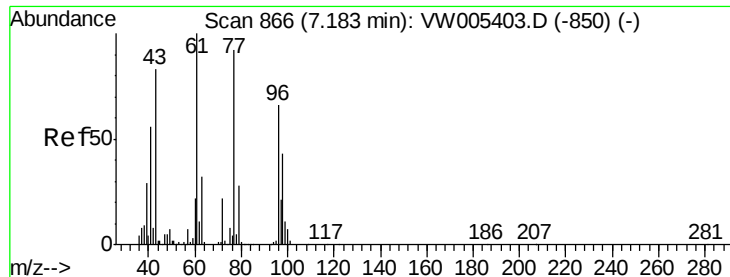
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#24
 1,1-Dichloroethane
 Concen: 52.54 ug/l
 RT: 6.23 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: VW005403.D
 Acq: 15 Sep 2018 00:06

Tgt Ion	Ratio	Lower	Upper
63	100		
98	5.9	2.9	8.8
100	4.5	2.3	6.8





#25

2-Butanone

Concen: 267.02 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tot Ion: 43 Resp: 137936

Ion Ratio Lower Upper

43 100

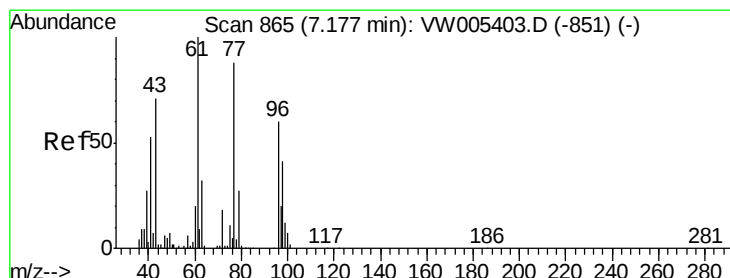
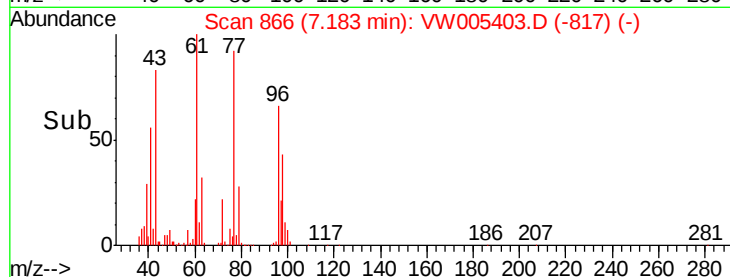
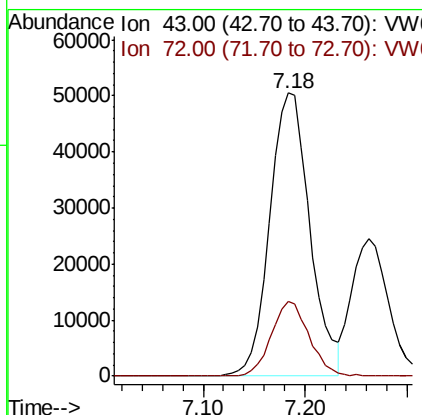
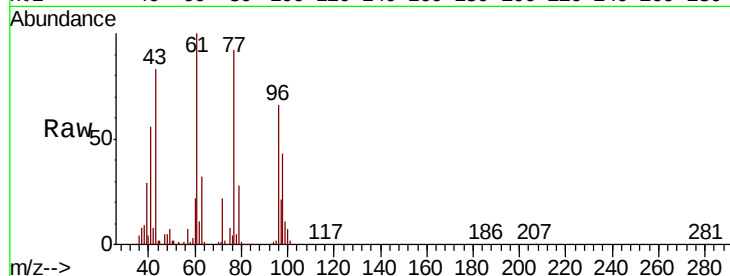
72 26.4 21.1 31.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 54.06 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW005403.D

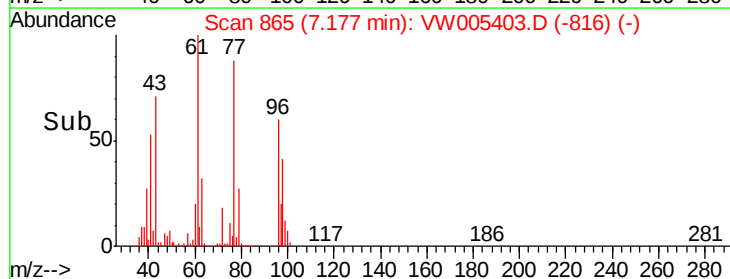
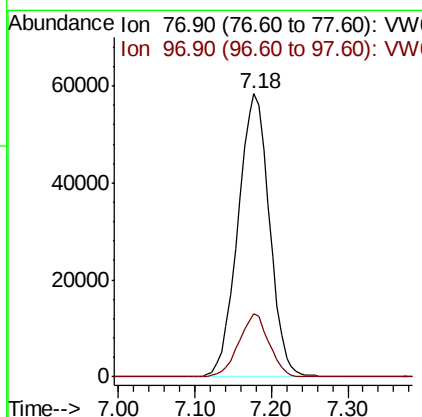
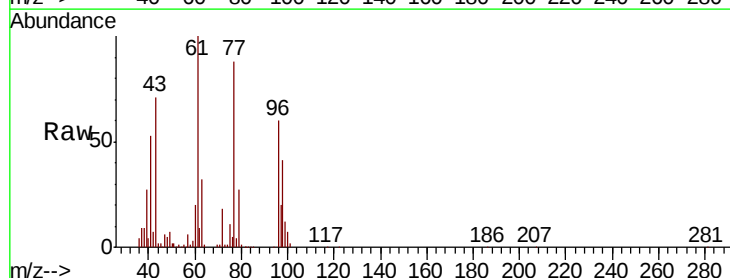
Acq: 15 Sep 2018 00:06

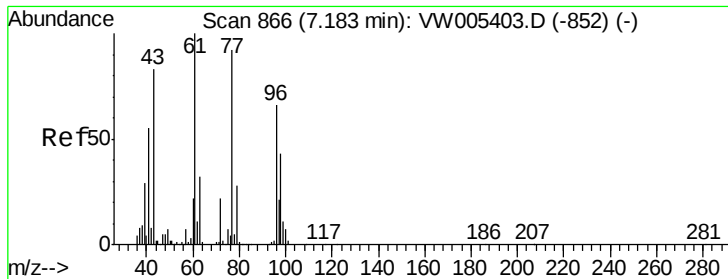
Tgt Ion: 77 Resp: 166841

Ion Ratio Lower Upper

77 100

97 21.4 10.7 32.1





#27

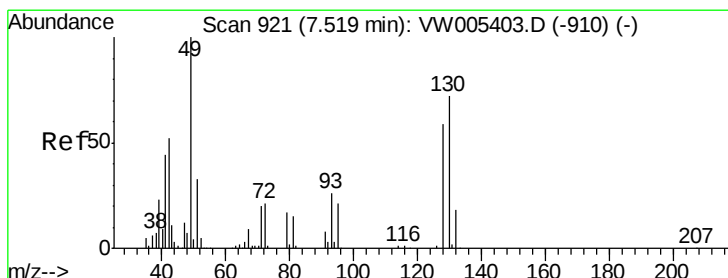
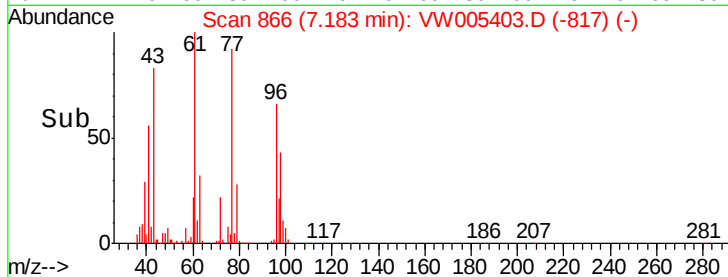
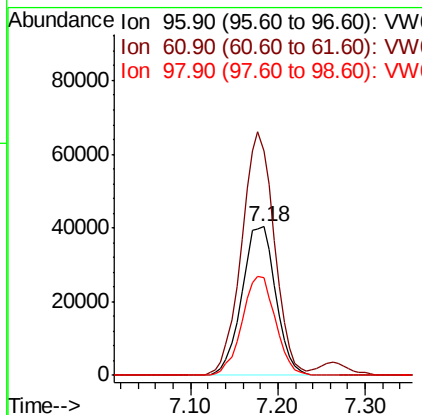
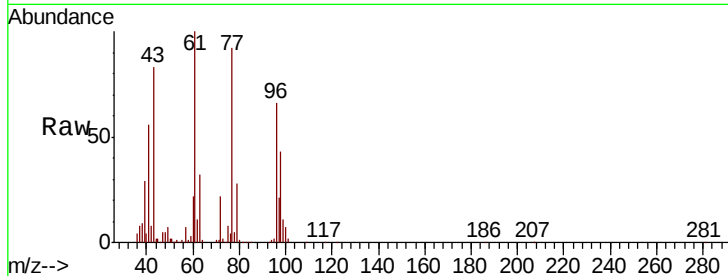
cis-1,2-Dichloroethene
 Concen: 47.73 ug/l
 RT: 7.18 min Scan# 866
 Delta R.T. 0.00 min
 Lab File: VW005403.D
 Acq: 15 Sep 2018 00:06

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	158.0	0.0	316.0
98	65.4	0.0	130.8

Manual Integrations
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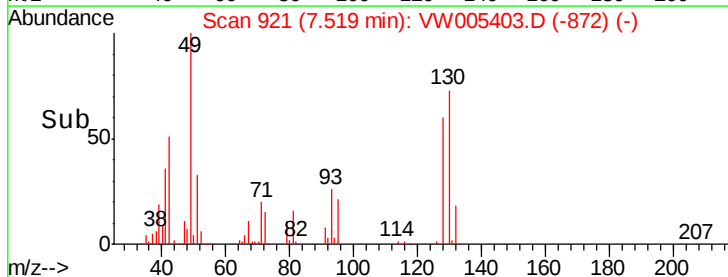
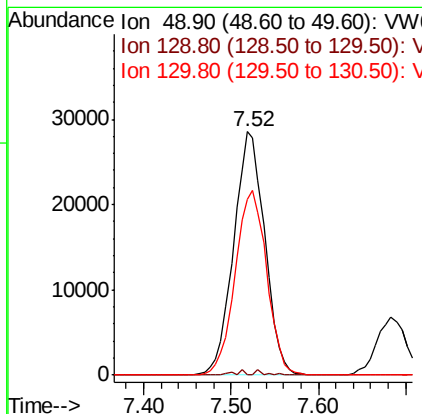
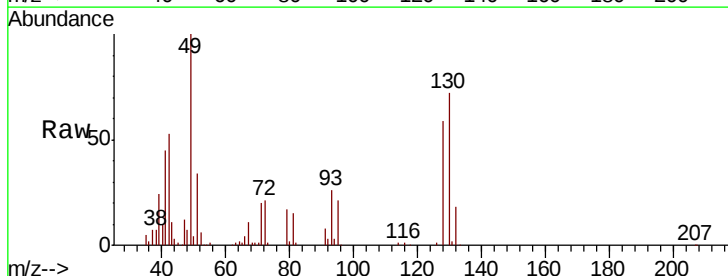
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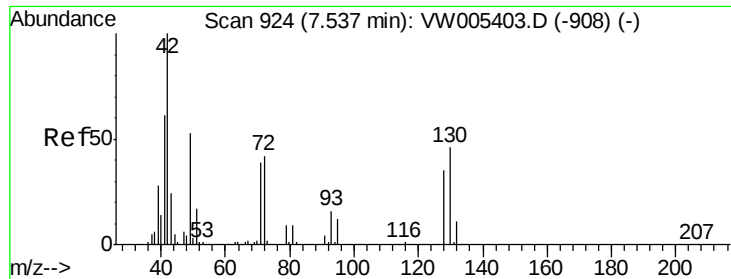


#28

Bromochloromethane
 Concen: 53.92 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VW005403.D
 Acq: 15 Sep 2018 00:06

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.5	0.0	1.0
130	76.8	61.4	92.2





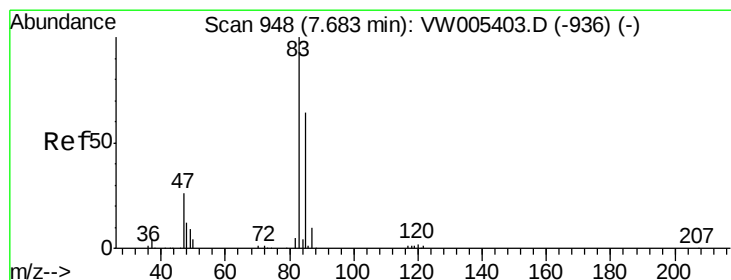
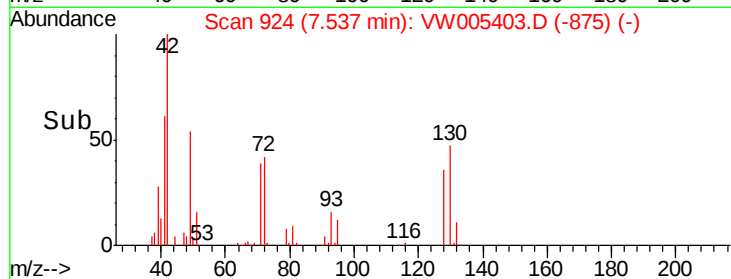
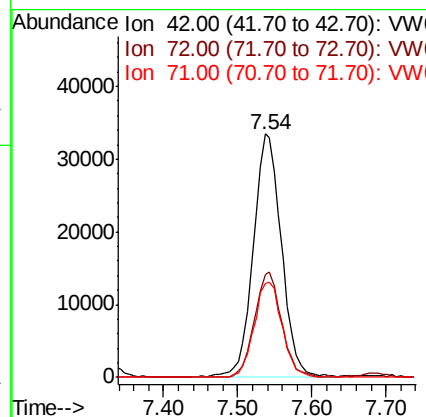
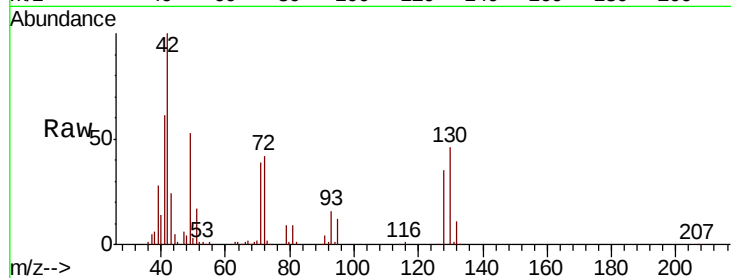
#29
Tetrahydrofuran
Concen: 258.40 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.5	33.2	49.8
71	38.8	31.0	46.6

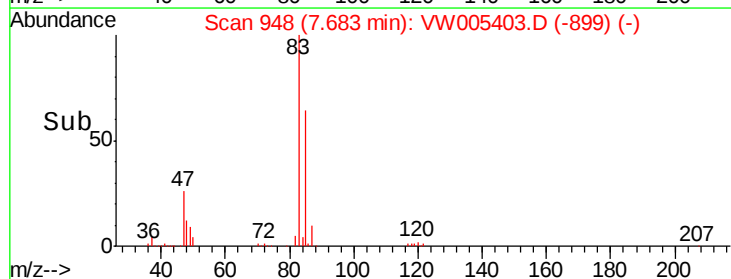
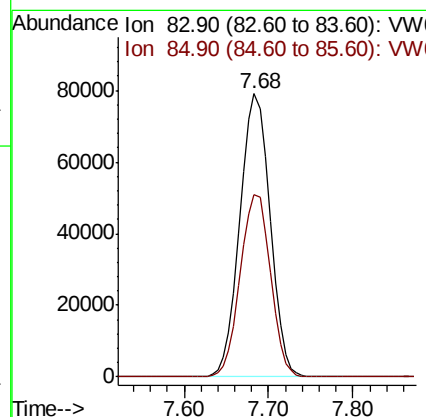
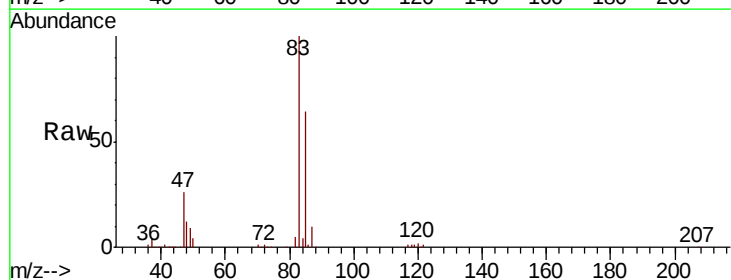
Manual Integrations
APPROVED

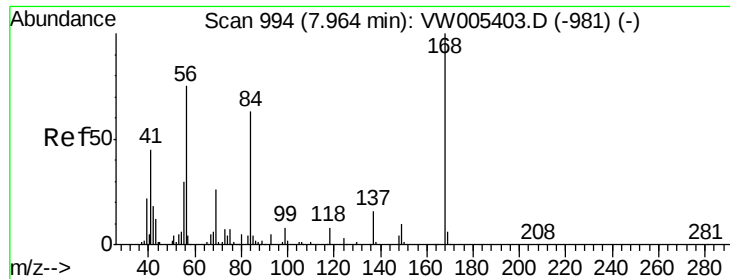
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#30
Chloroform
Concen: 53.71 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.5	77.3





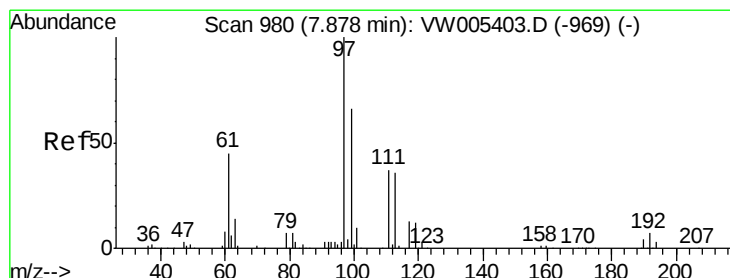
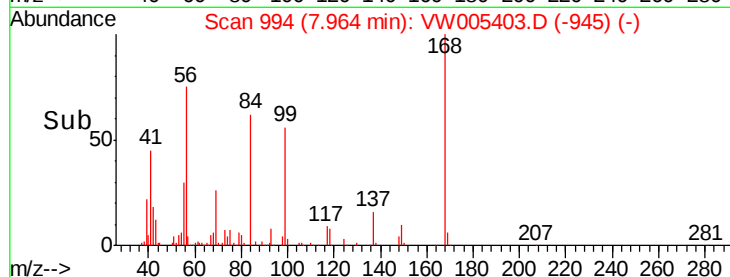
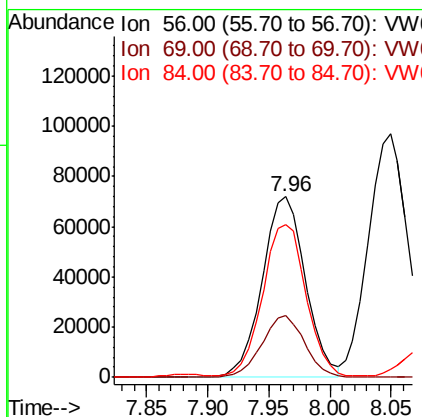
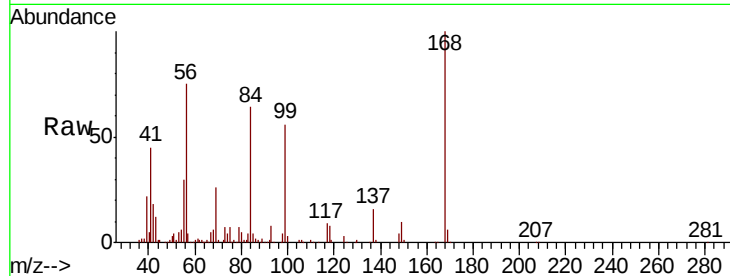
#31
Cyclohexane
Concen: 48.03 ug/l
RT: 7.96 min Scan# 994
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.0	27.2	40.8
84	83.4	66.7	100.1

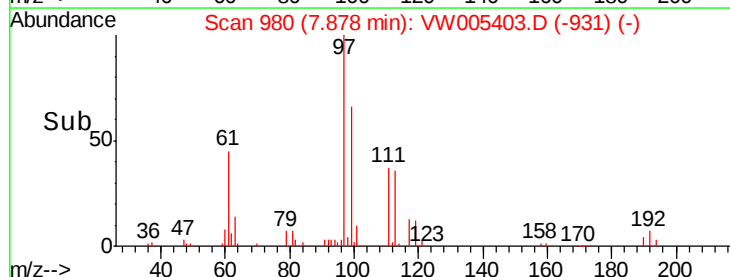
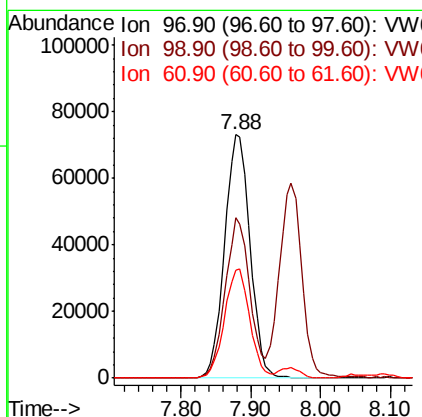
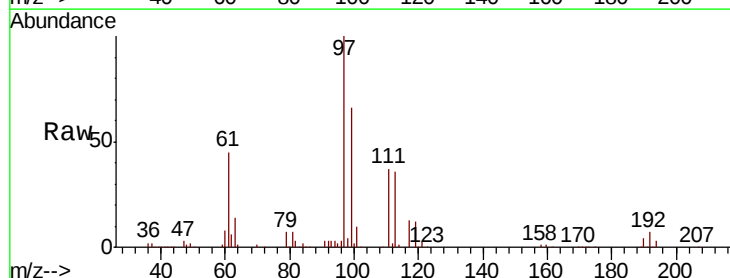
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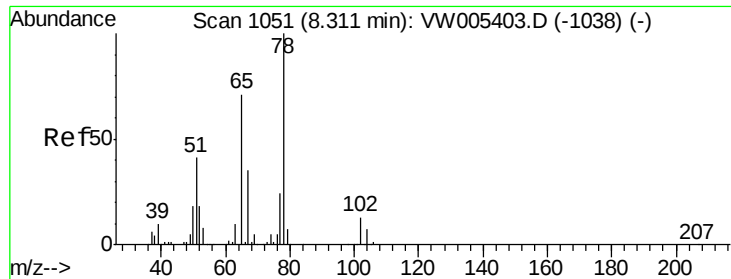
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#32
1,1,1-Trichloroethane
Concen: 56.82 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.5	77.3
61	44.7	35.8	53.6





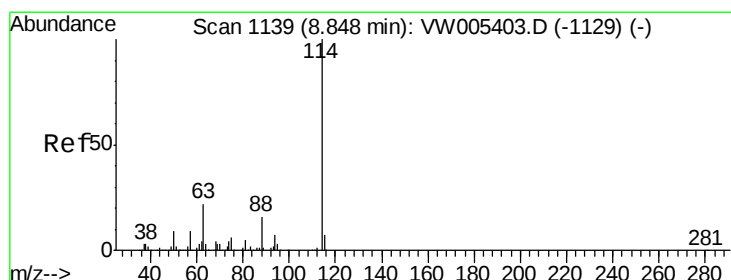
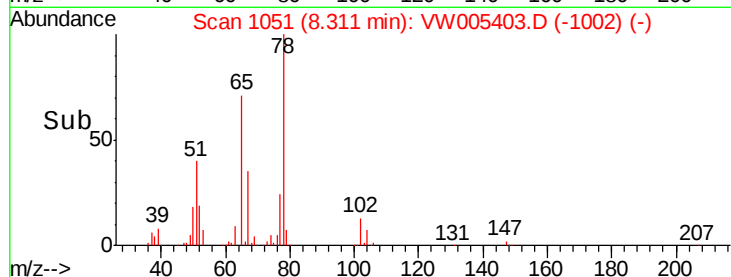
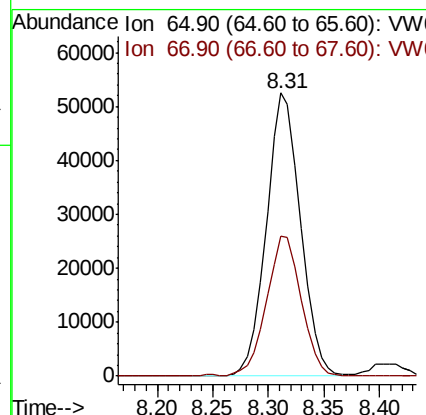
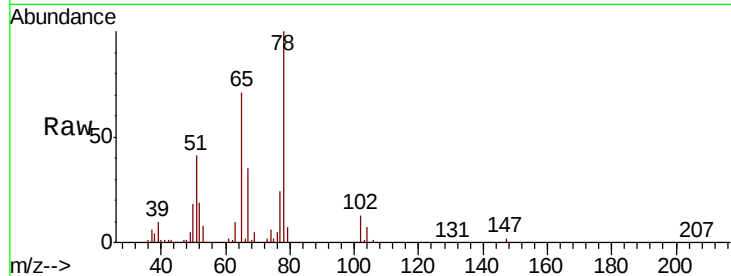
#33
 1,2-Dichloroethane-d4
 Concen: 61.91 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW005403.D
 Acq: 15 Sep 2018 00:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	50.3	0.0	100.6	

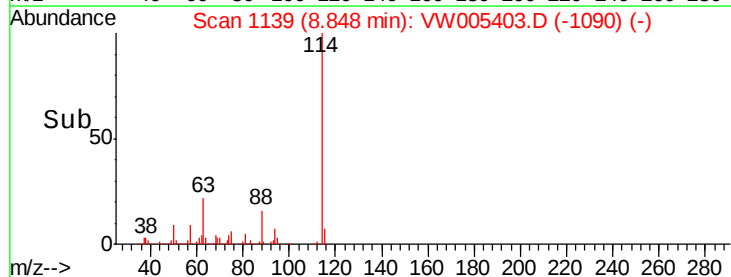
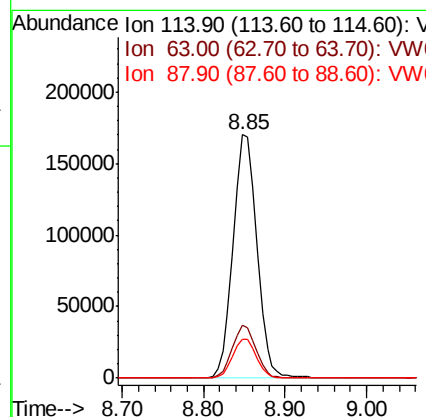
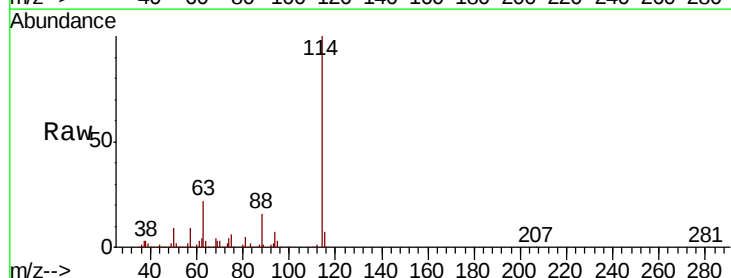
Manual Integrations
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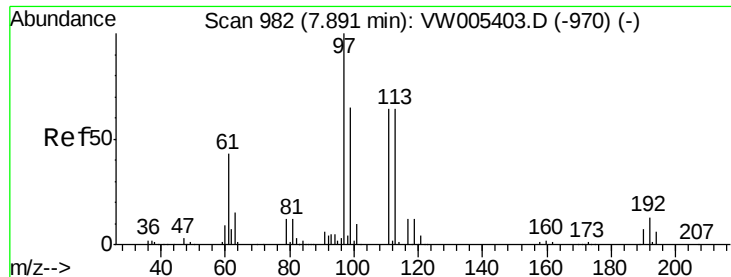
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005403.D
 Acq: 15 Sep 2018 00:06

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.7	0.0	43.4	
88	15.9	0.0	31.8	





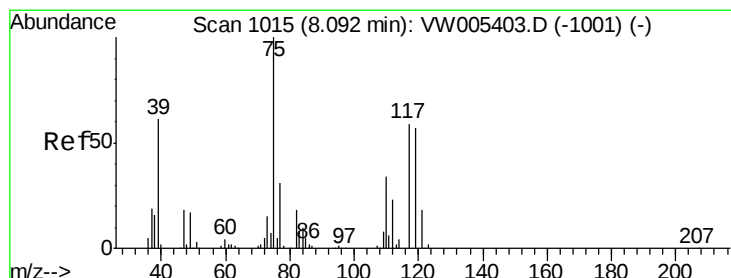
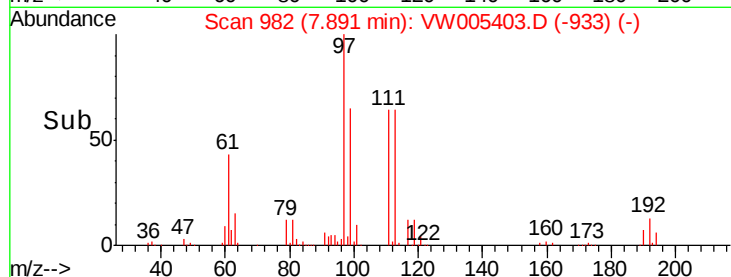
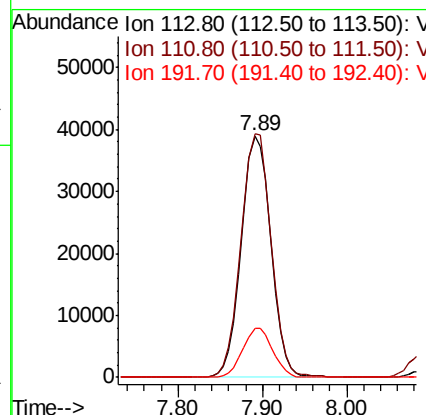
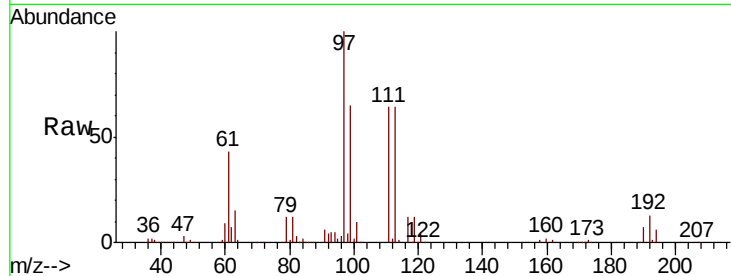
#35
 Dibromofluoromethane
 Concen: 51.34 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW005403.D
 Acq: 15 Sep 2018 00:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.3	123.5
192	20.6	16.5	24.7

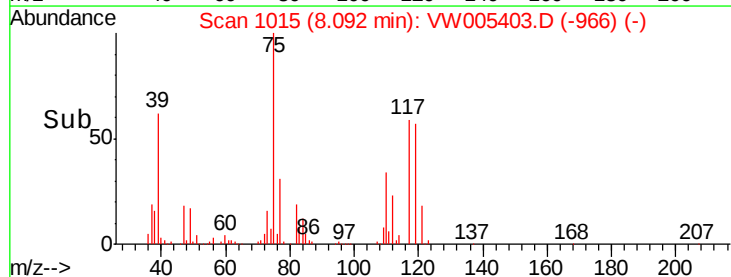
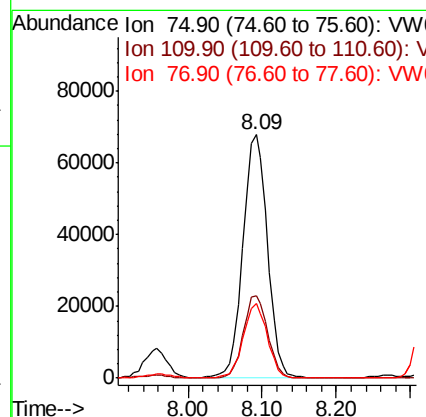
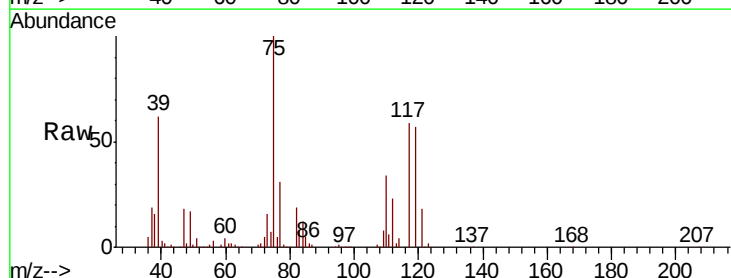
Manual Integrations
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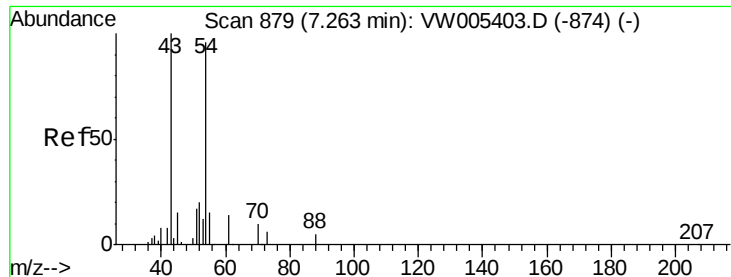
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#36
 1,1-Dichloropropene
 Concen: 49.96 ug/l
 RT: 8.09 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VW005403.D
 Acq: 15 Sep 2018 00:06

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.6	16.8	50.4
77	30.3	24.2	36.4





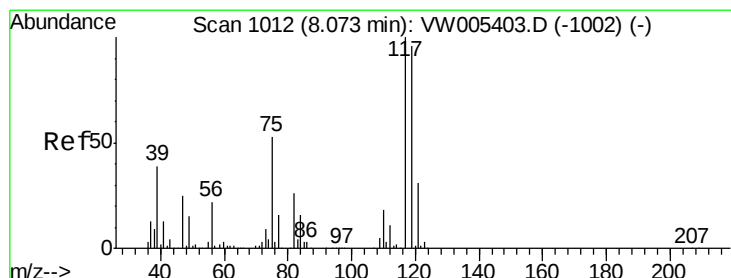
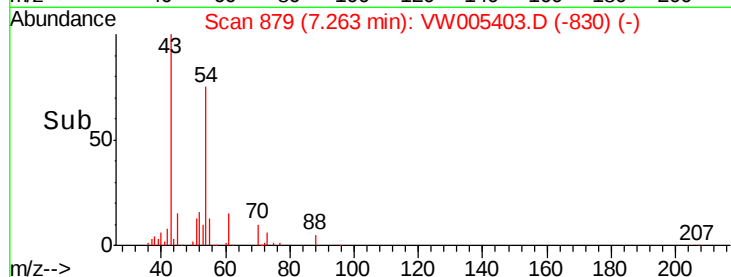
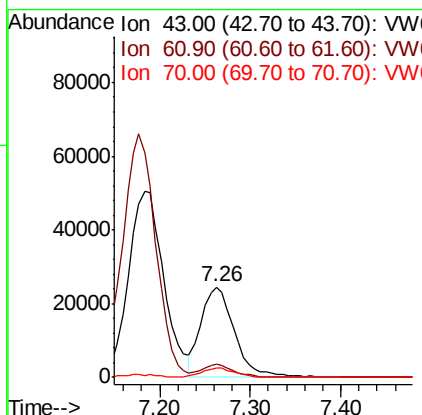
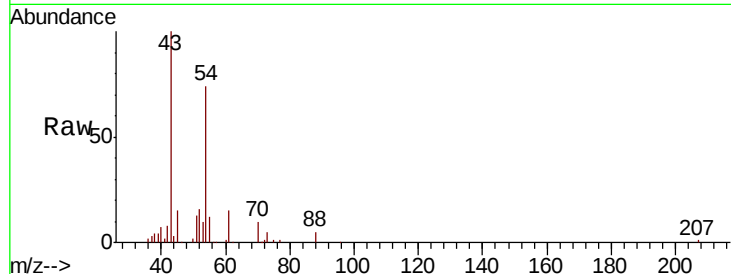
#37
Ethyl Acetate
Concen: 51.36 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.3	16.9
70	10.3	8.2	12.4

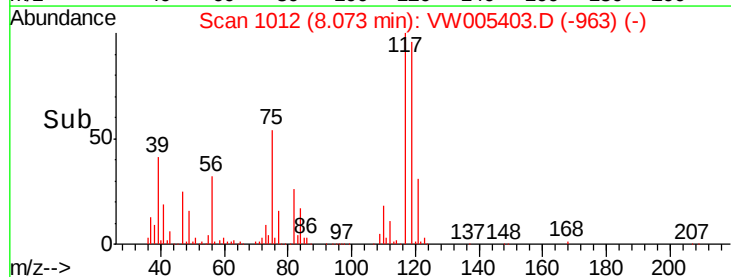
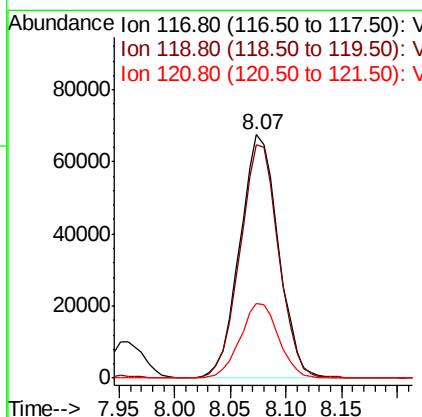
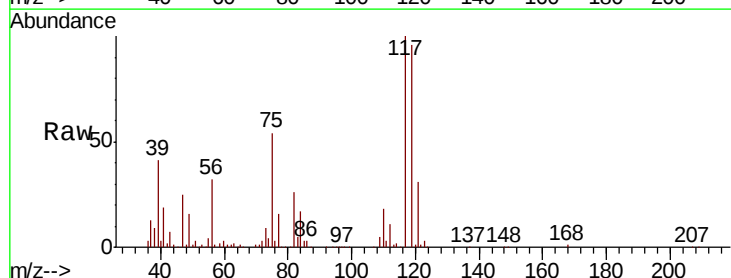
Manual Integrations
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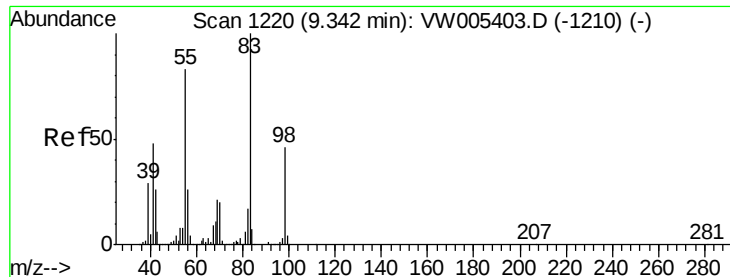
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#38
Carbon Tetrachloride
Concen: 53.57 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.8	115.2
121	30.9	24.7	37.1





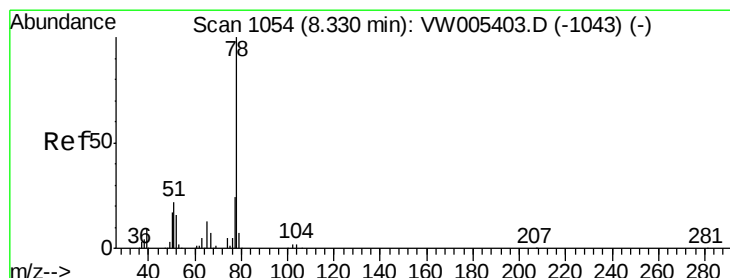
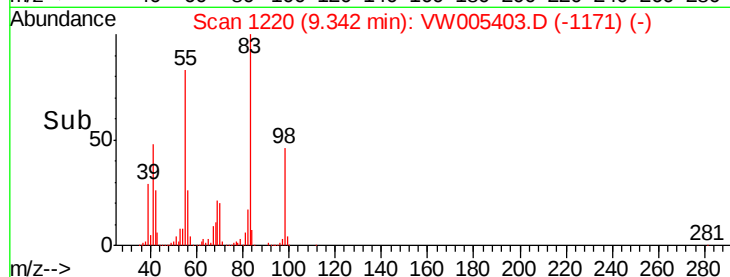
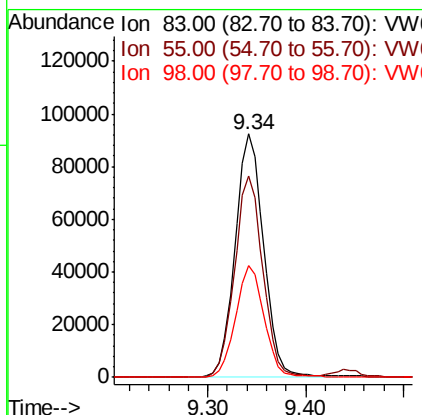
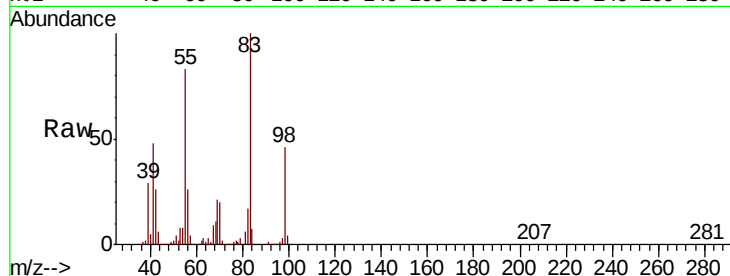
#39
Methvlcvclohexane
Concen: 45.71 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.6	66.1	99.1
98	45.9	36.7	55.1

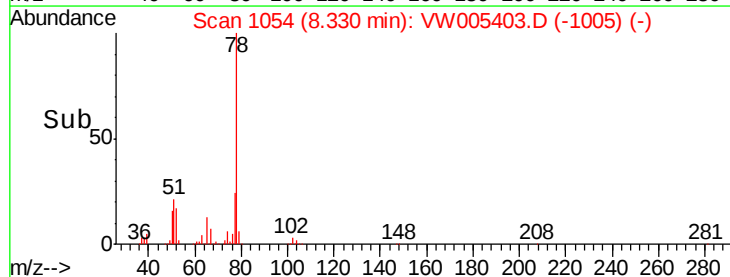
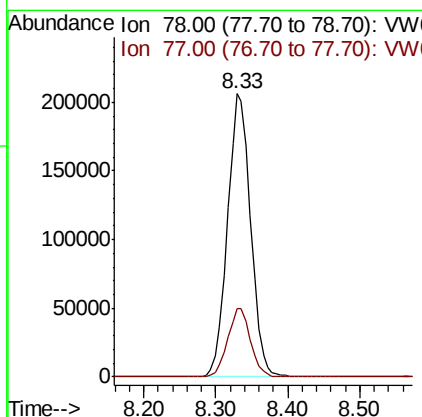
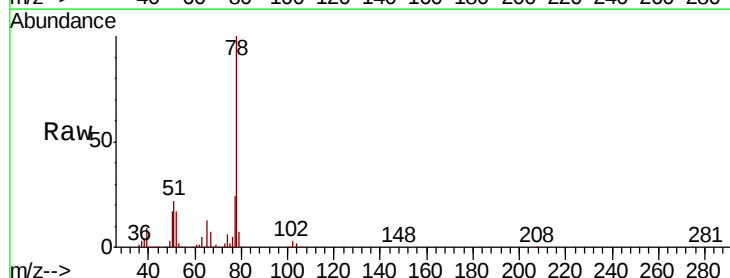
Manual Integrations
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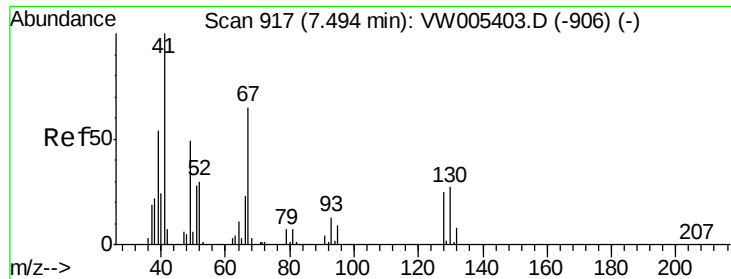
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#40
Benzene
Concen: 49.70 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.3	28.9





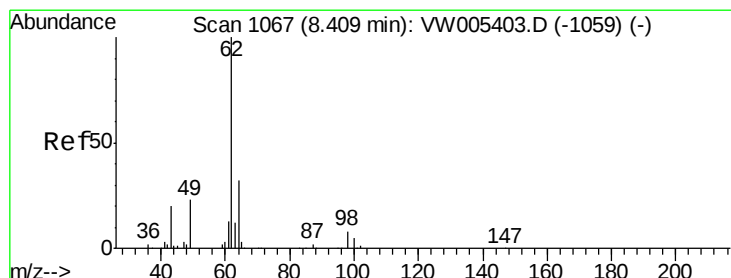
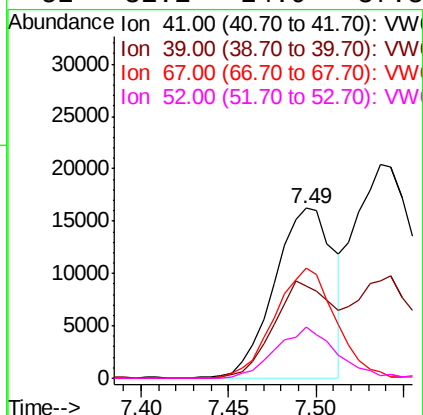
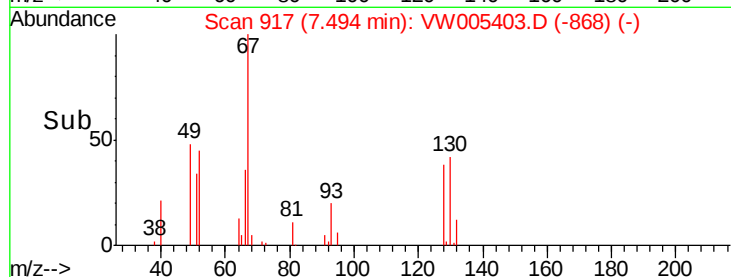
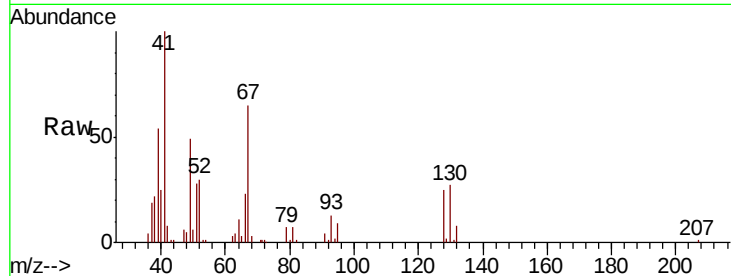
#41
Methacrylonitrile
Concen: 60.38 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		38462		
39	55.8	44.6	67.0		
67	67.0	53.6	80.4		
52	31.1	24.9	37.3		

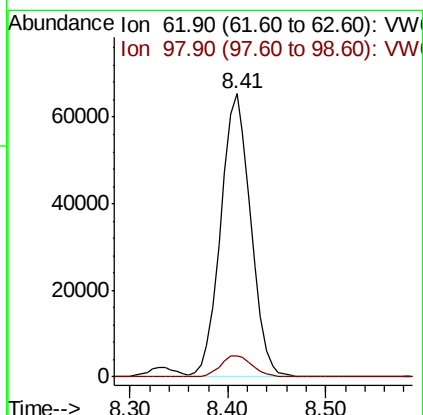
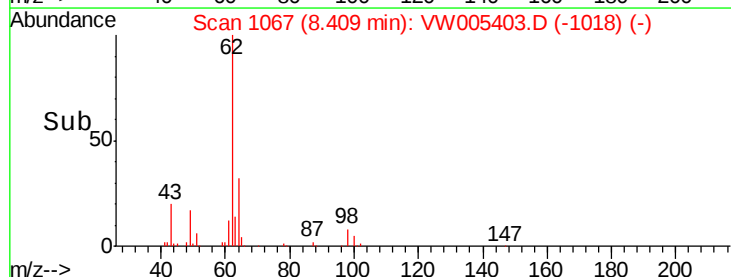
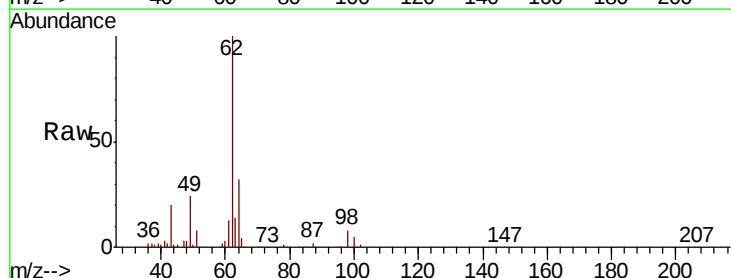
Manual Integrations
APPROVED

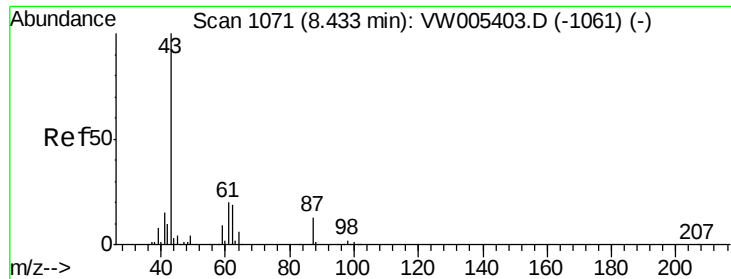
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#42
1,2-Dichloroethane
Concen: 59.49 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		138976		
98	7.8	0.0	15.6		





#43

Isopropyl Acetate

Concen: 55.11 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

Instrument :

MSVOA_W

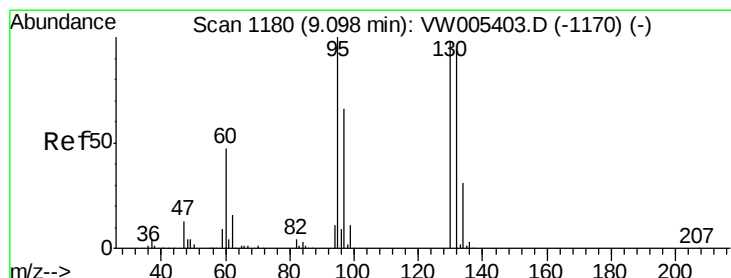
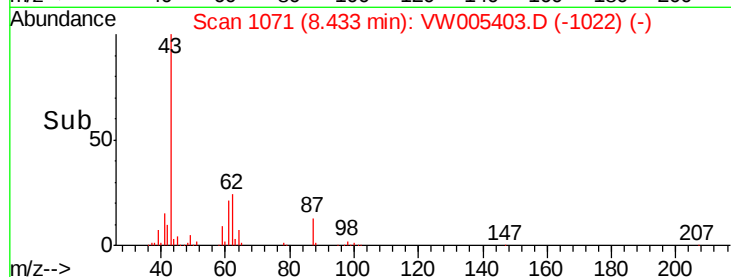
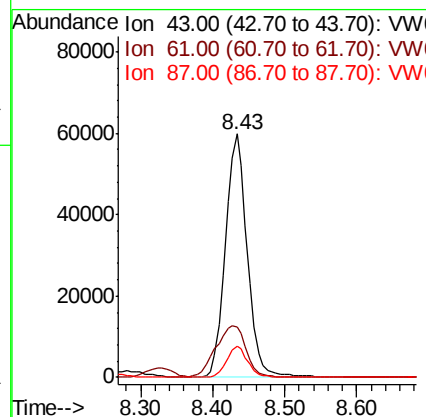
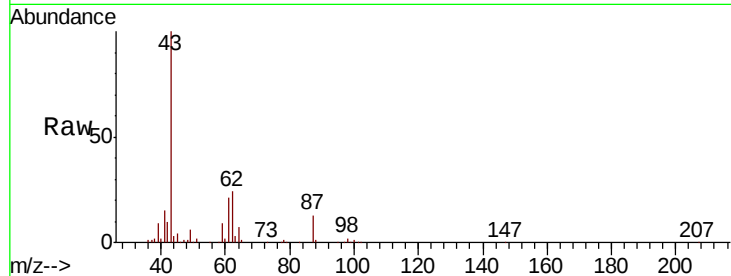
ClientSampleId :

VSTDICCC050

Tot Ion:	43	Resp:	125650
Ion	Ratio	Lower	Upper
43	100		
61	29.7	23.8	35.6
87	12.6	10.1	15.1

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#44

Trichloroethene

Concen: 46.29 ug/l

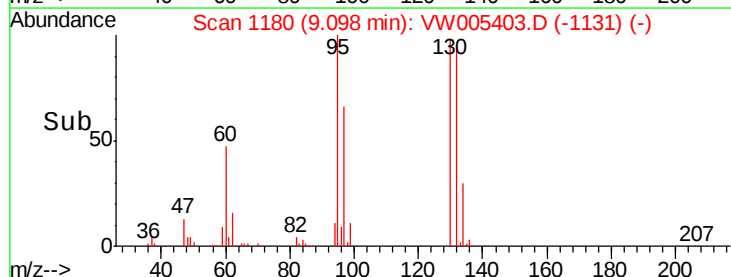
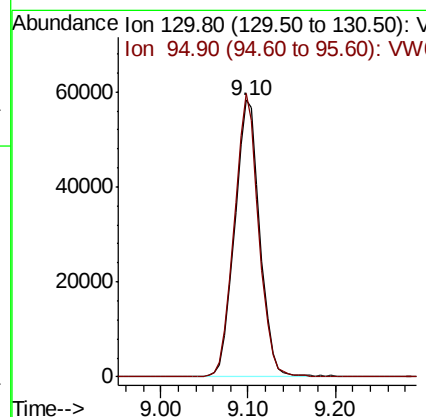
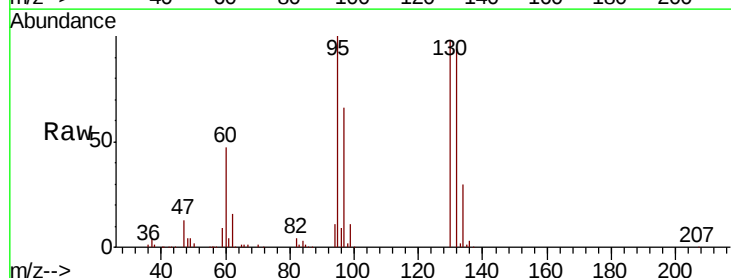
RT: 9.10 min Scan# 1180

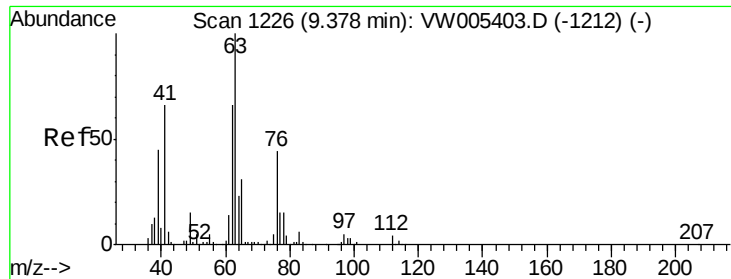
Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

Tgt Ion:	130	Resp:	116364
Ion	Ratio	Lower	Upper
130	100		
95	102.3	0.0	204.6





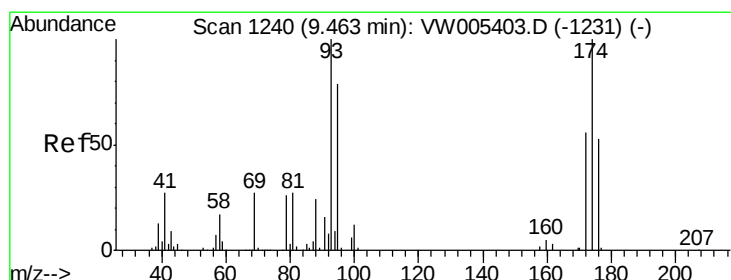
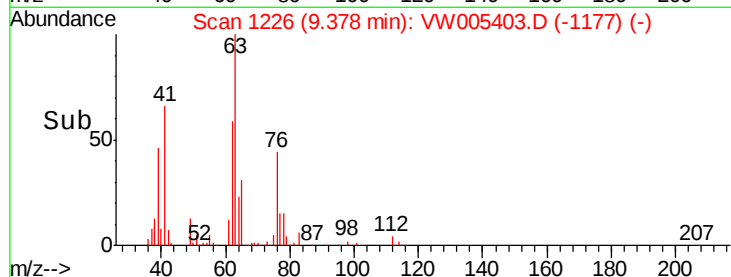
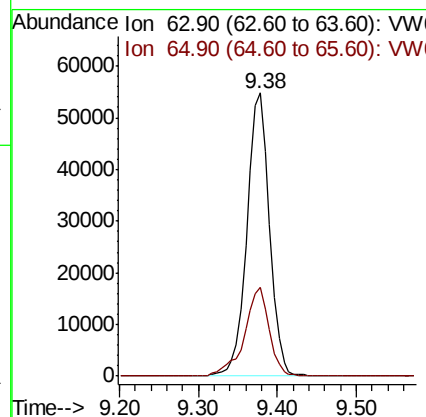
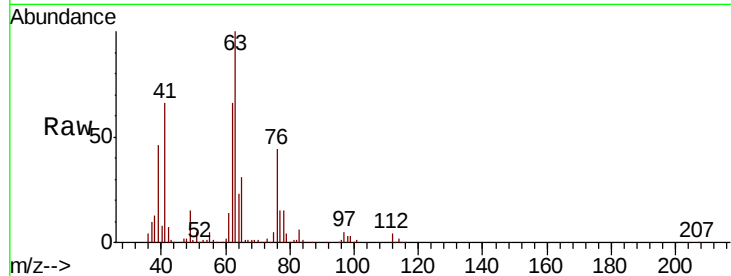
#45
 1,2-Dichloropropane
 Concen: 49.01 ug/l
 RT: 9.38 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: VW005403.D
 Acq: 15 Sep 2018 00:06

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.3	25.0	37.6

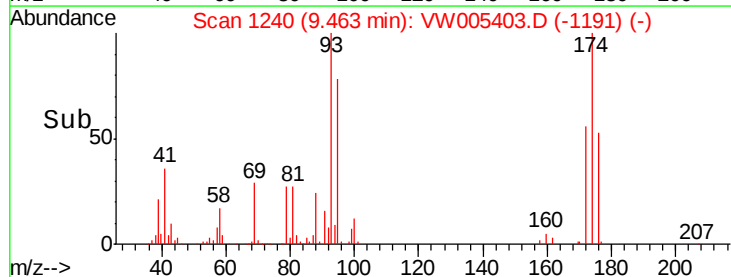
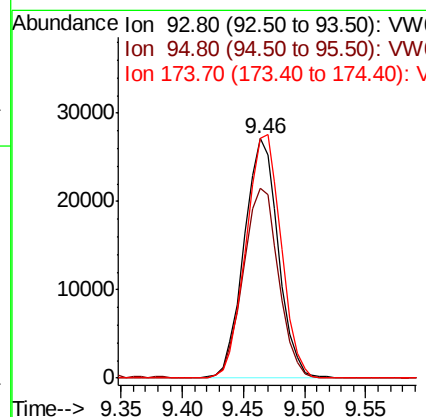
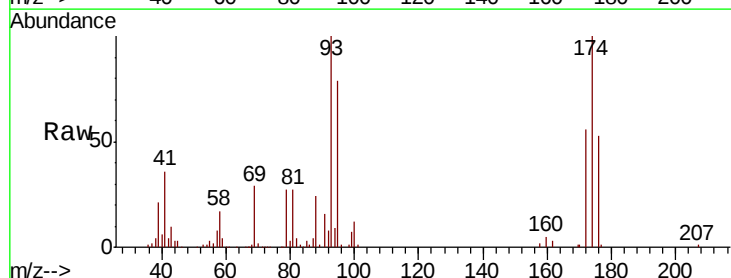
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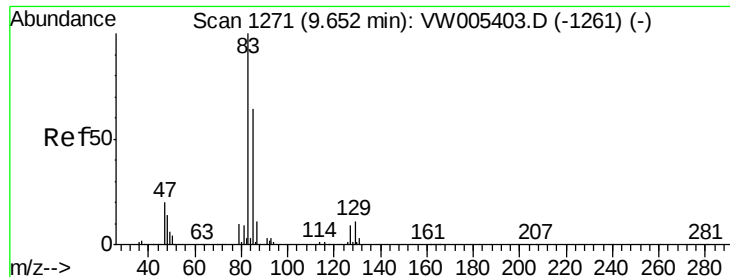
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#46
 Dibromomethane
 Concen: 48.10 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW005403.D
 Acq: 15 Sep 2018 00:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.7	65.4	98.0
174	104.3	83.4	125.2





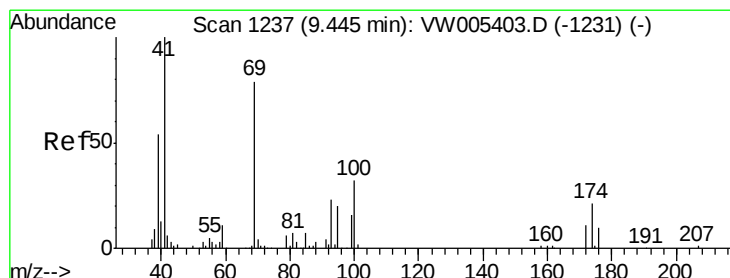
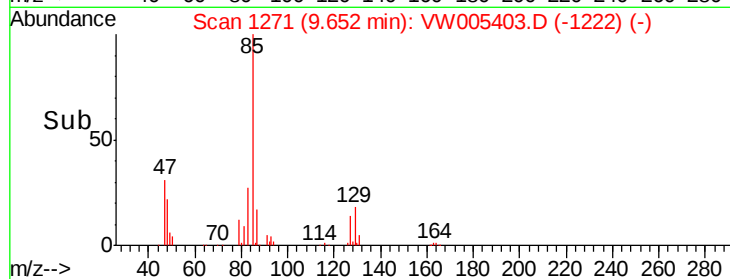
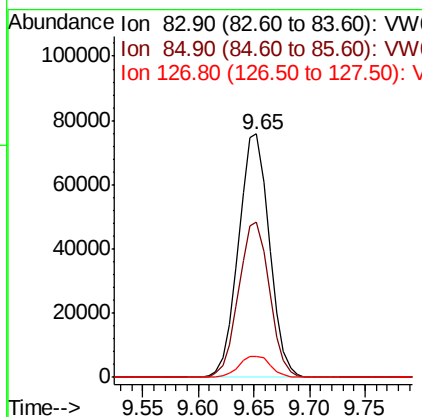
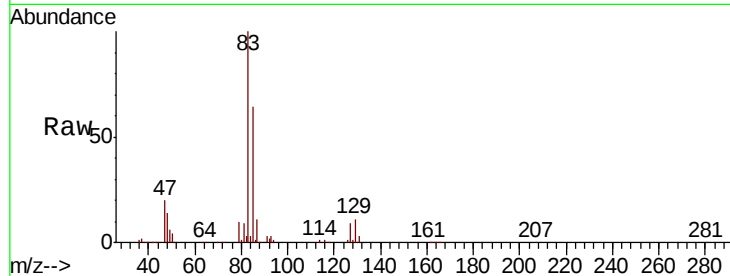
#47
Bromodichloromethane
Concen: 53.59 ug/l
RT: 9.65 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.9	76.3
127	8.7	7.0	10.4

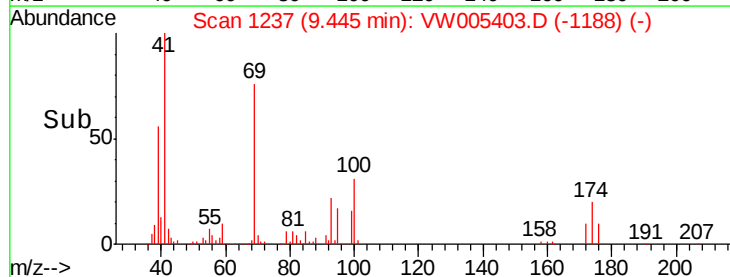
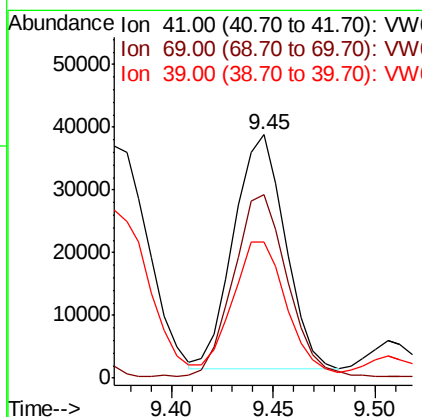
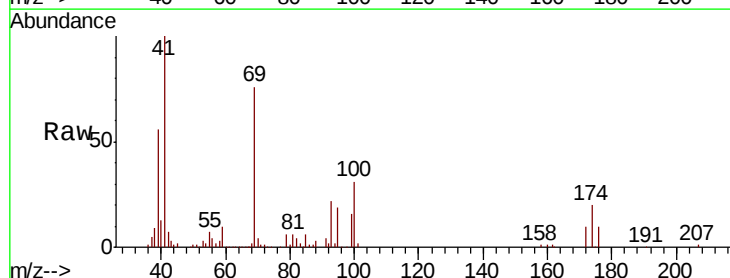
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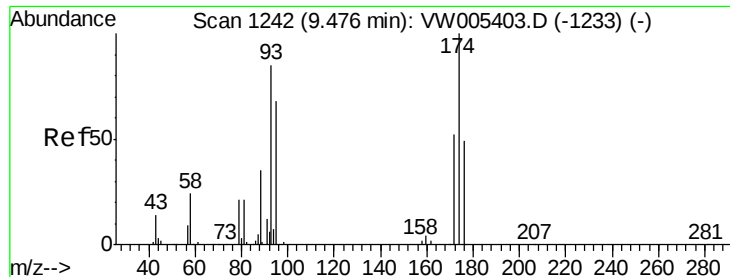
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#48
Methyl methacrylate
Concen: 55.84 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

Tgt Ion	Ratio	Lower	Upper
41	100		
69	84.4	67.5	101.3
39	56.9	45.5	68.3





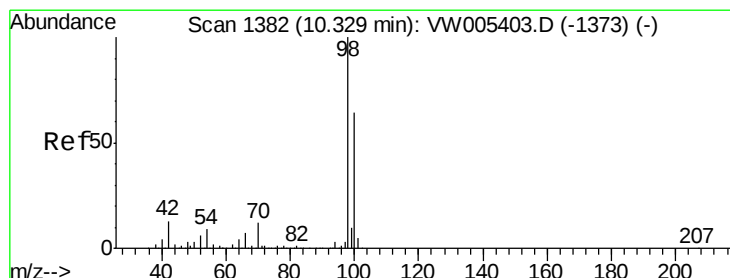
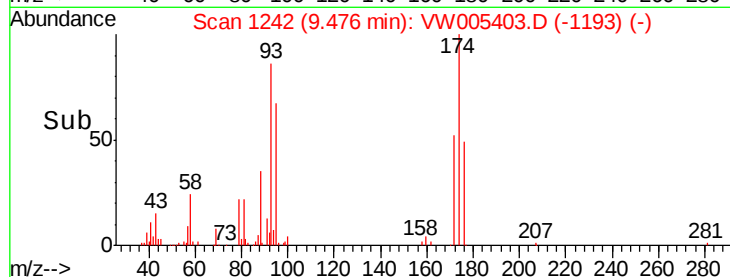
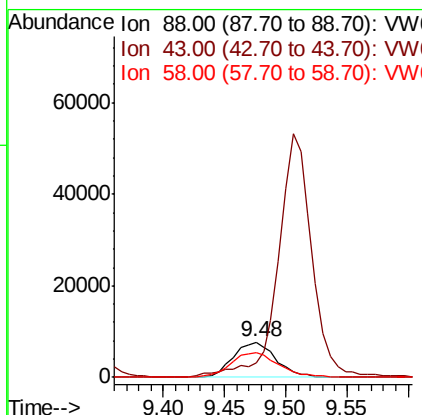
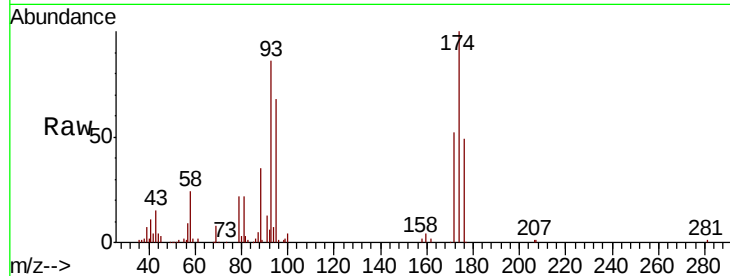
#49
 1,4-Dioxane
 Concen: 939.64 ug/l
 RT: 9.48 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VW005403.D
 Acq: 15 Sep 2018 00:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	78.0	62.4	93.6

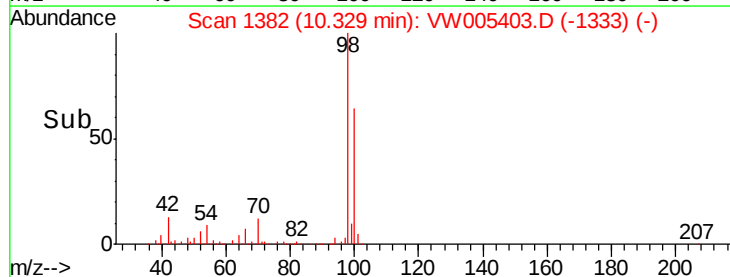
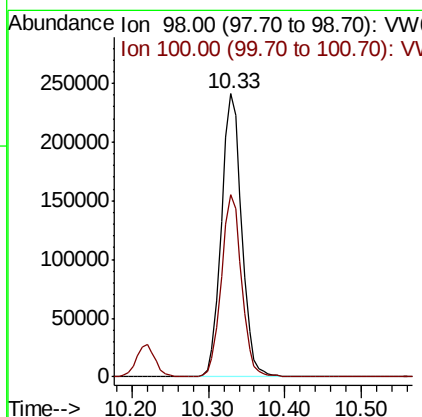
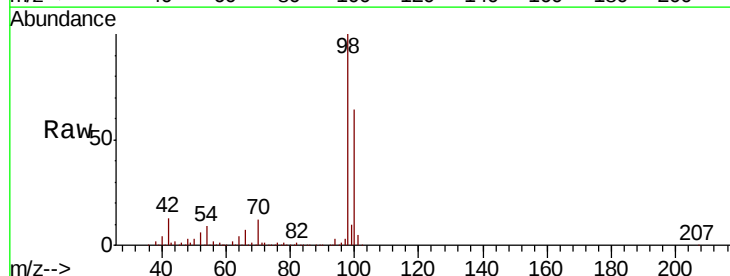
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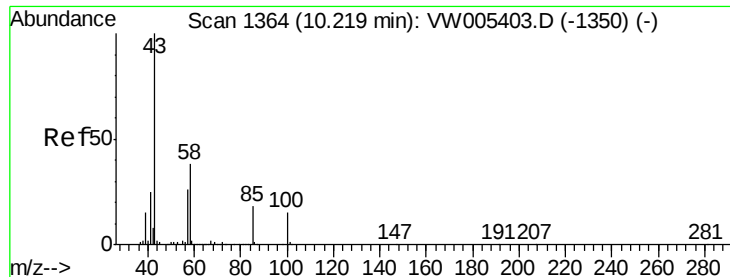
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#50
 Toluene-d8
 Concen: 49.29 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VW005403.D
 Acq: 15 Sep 2018 00:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.4	77.0





#51

4-Methyl-2-Pentanone

Concen: 264.96 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 335455

Ion Ratio Lower Upper

43 100

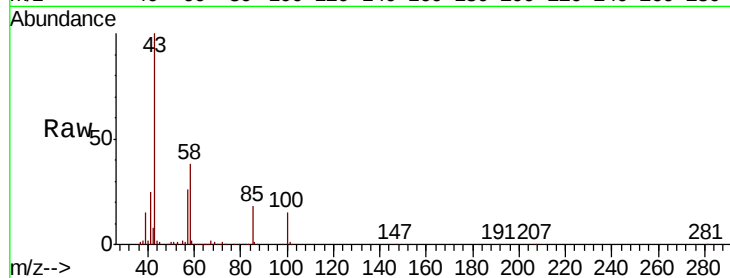
58 37.4 29.9 44.9

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.22

200000

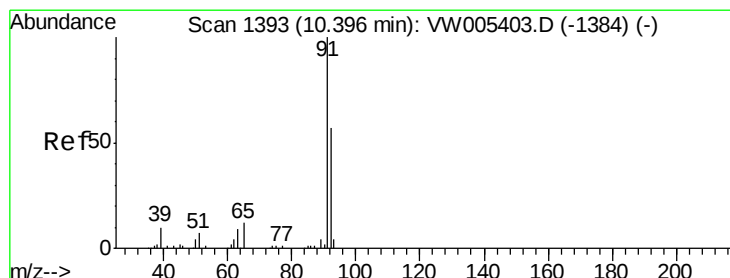
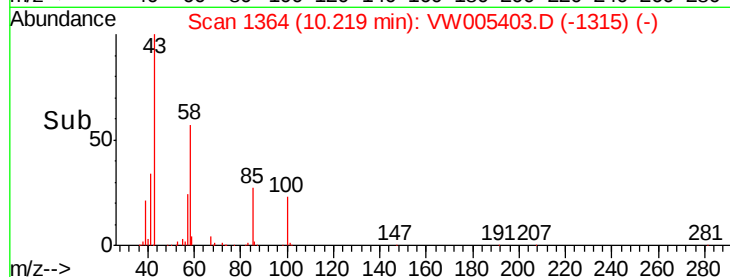
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 47.73 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW005403.D

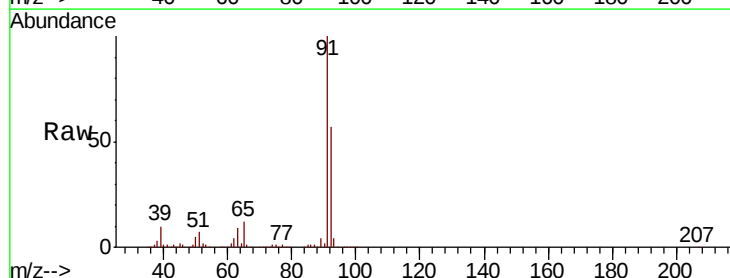
Acq: 15 Sep 2018 00:06

Tgt Ion: 92 Resp: 319393

Ion Ratio Lower Upper

92 100

91 173.9 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

10.40

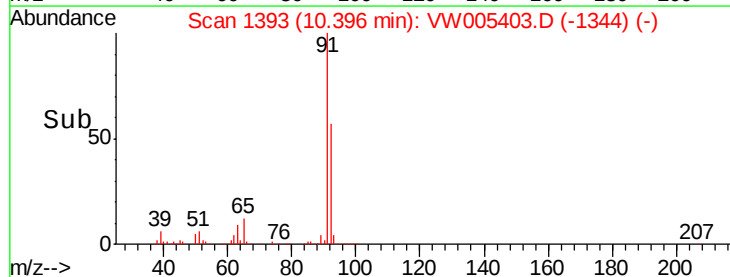
300000

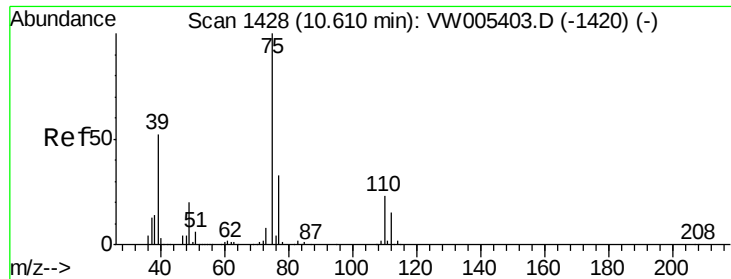
200000

100000

0

Time-->





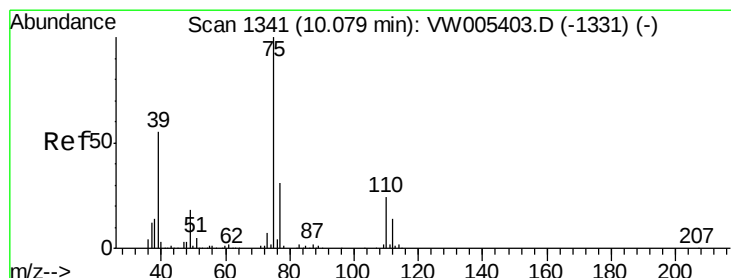
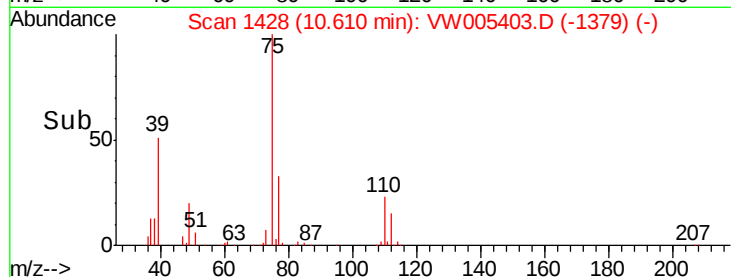
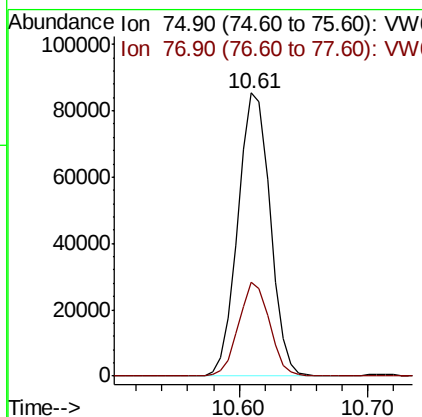
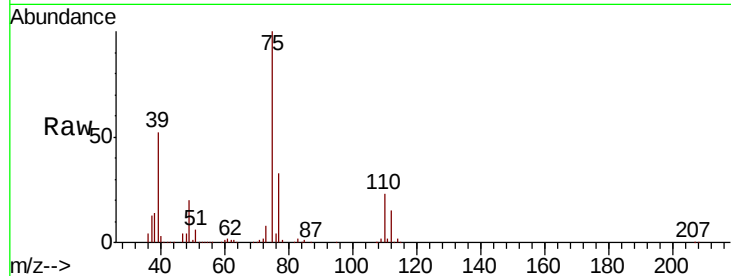
#53
t-1,3-Dichloropropene
Concen: 50.94 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 75 Resp: 147973
Ion Ratio Lower Upper
75 100
77 33.1 26.5 39.7

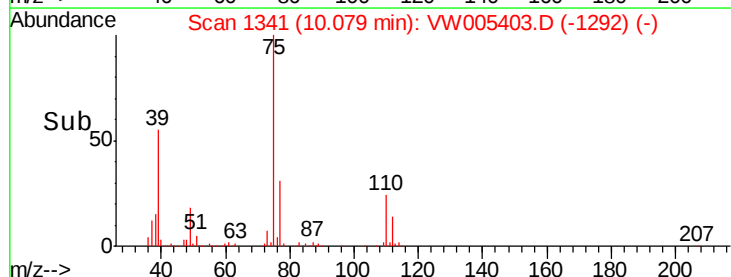
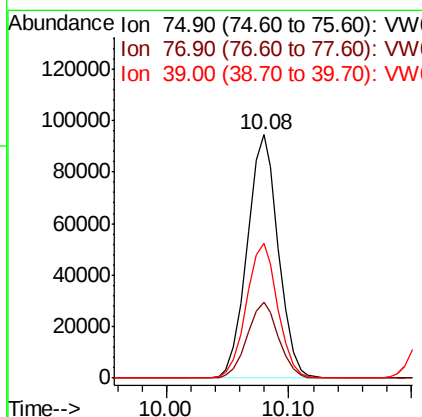
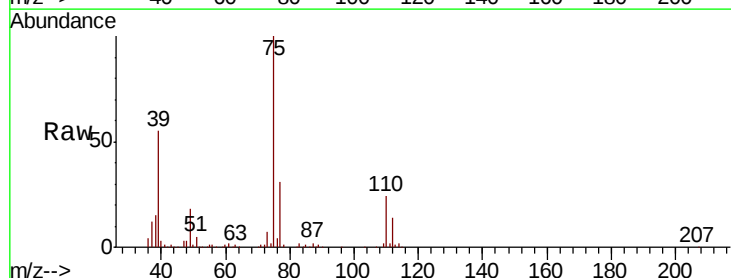
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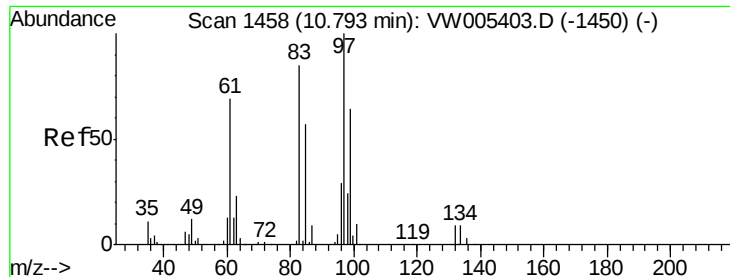
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#54
cis-1,3-Dichloropropene
Concen: 48.38 ug/l
RT: 10.08 min Scan# 1341
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

Tgt Ion: 75 Resp: 166591
Ion Ratio Lower Upper
75 100
77 31.2 25.0 37.4
39 55.2 44.2 66.2





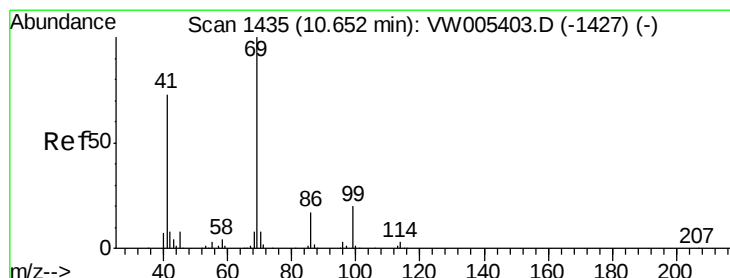
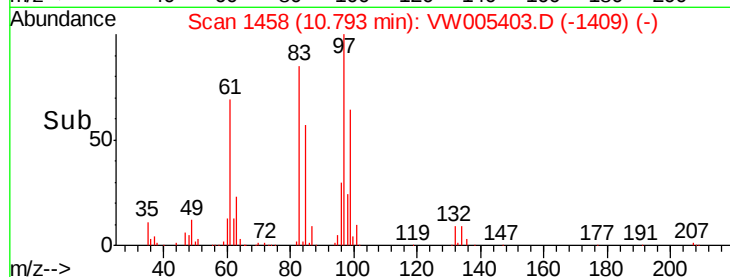
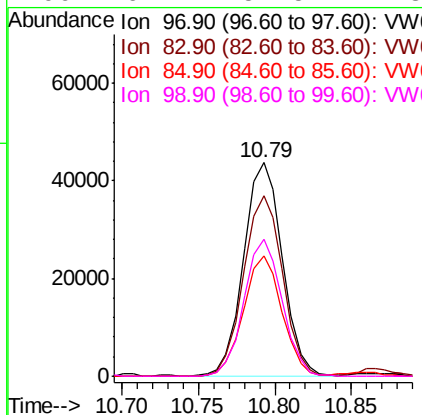
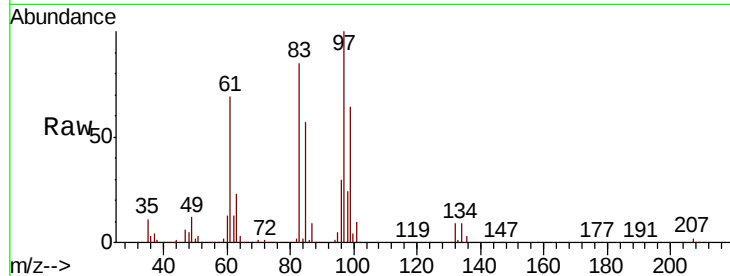
#55
 1,1,2-Trichloroethane
 Concen: 44.74 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW005403.D
 Acq: 15 Sep 2018 00:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion:	97	Resp:	76938
Ion	Ratio	Lower	Upper
97	100		
83	84.8	67.8	101.8
85	56.7	45.4	68.0
99	64.4	51.5	77.3

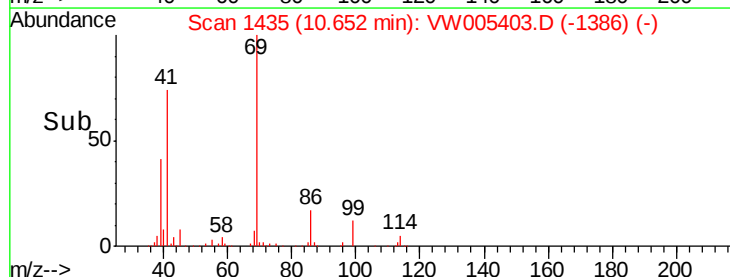
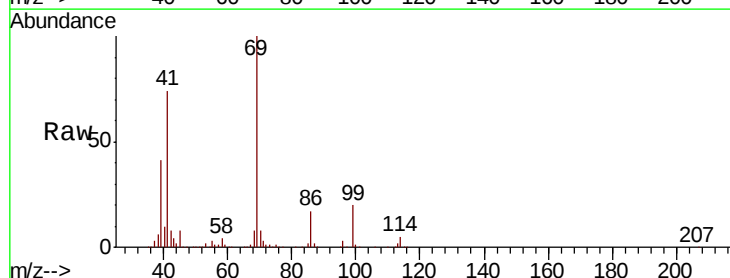
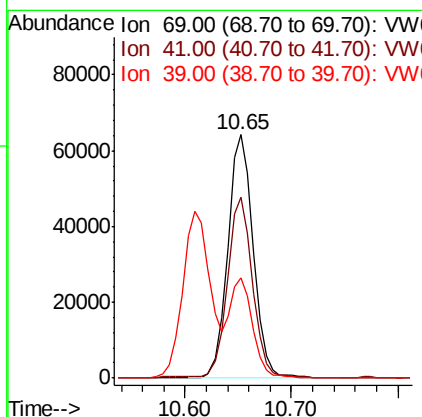
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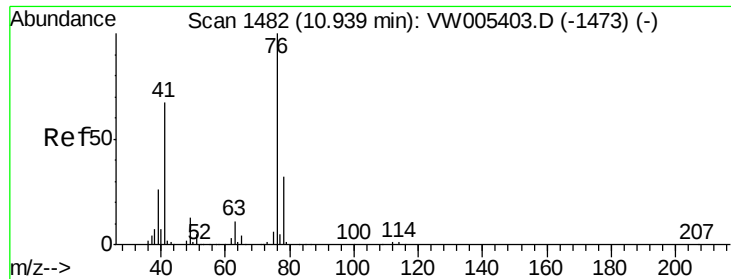
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#56
 Ethyl methacrylate
 Concen: 49.08 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW005403.D
 Acq: 15 Sep 2018 00:06

Tgt Ion:	69	Resp:	107376
Ion	Ratio	Lower	Upper
69	100		
41	74.1	59.3	88.9
39	37.8	30.2	45.4





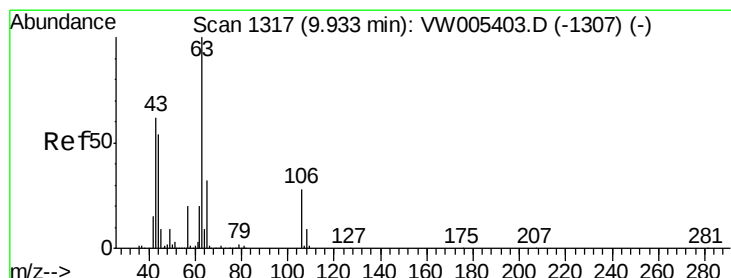
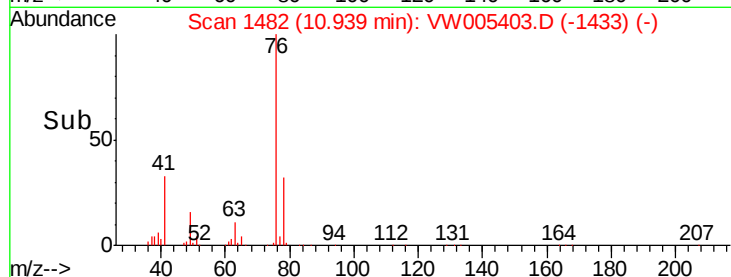
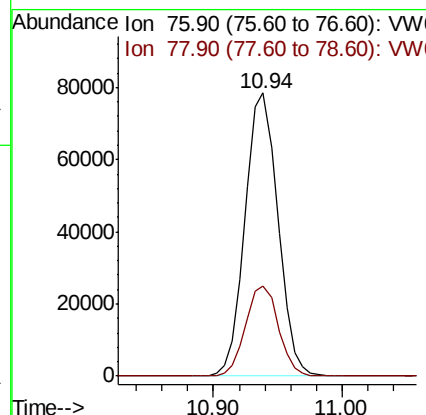
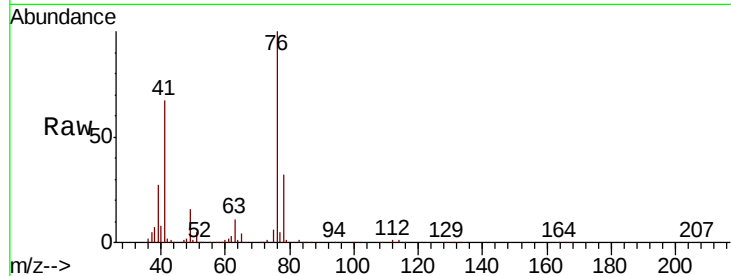
#57
 1,3-Dichloropropane
 Concen: 47.98 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: VW005403.D
 Acq: 15 Sep 2018 00:06

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDICCC050

Tot Ion: 76 Resp: 138504
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.6 38.4

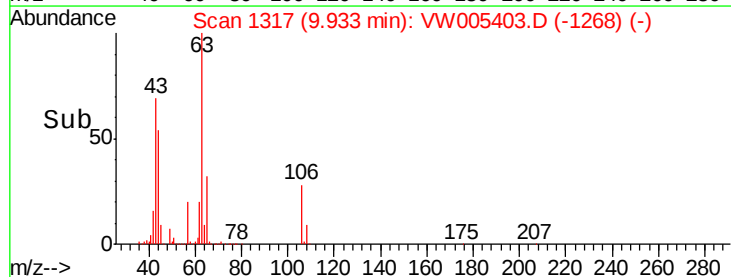
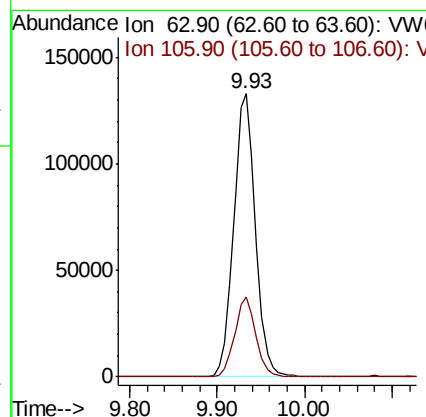
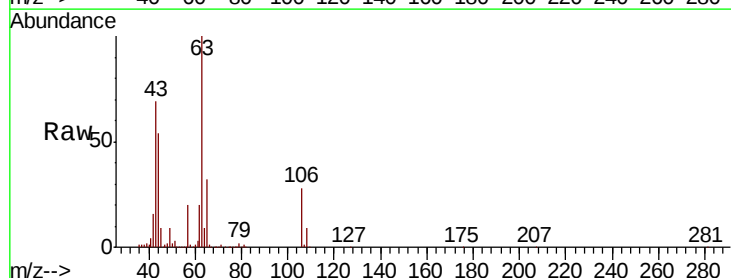
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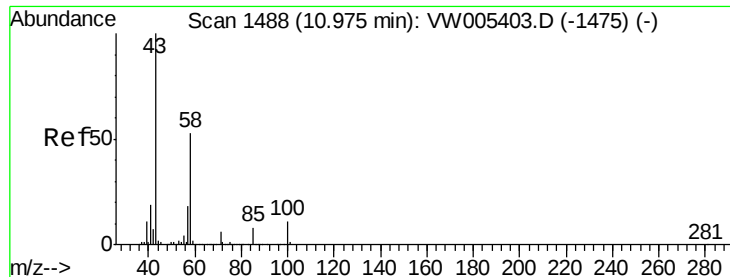
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#58
 2-Chloroethyl Vinyl ether
 Concen: 240.08 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VW005403.D
 Acq: 15 Sep 2018 00:06

Tgt Ion: 63 Resp: 229351
 Ion Ratio Lower Upper
 63 100
 106 27.5 22.0 33.0





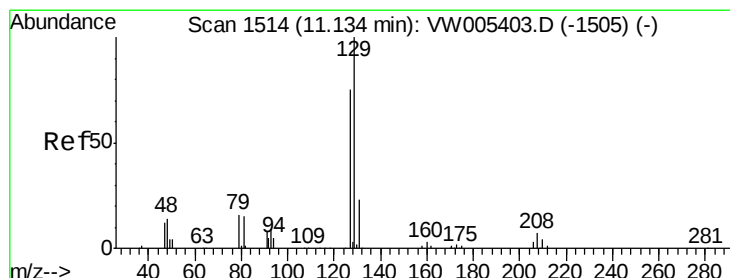
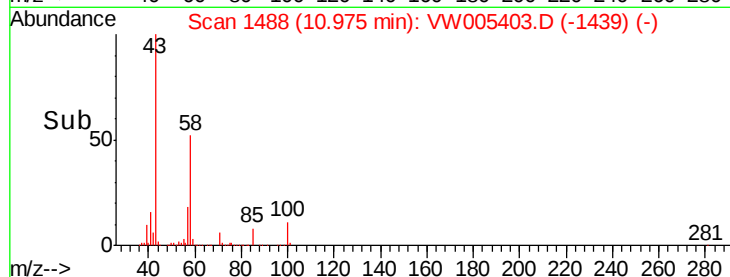
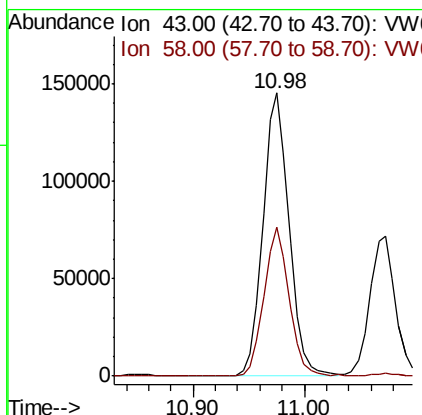
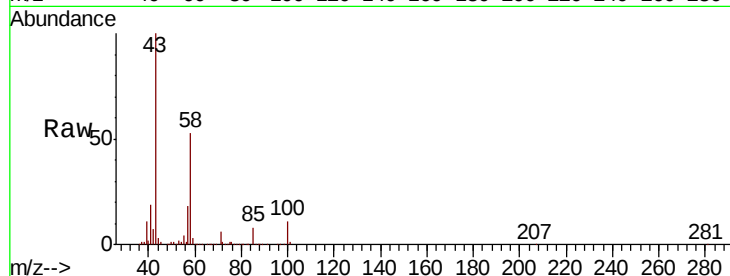
#59
2-Hexanone
Concen: 261.34 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 237562
Ion Ratio Lower Upper
43 100
58 51.0 25.5 76.5

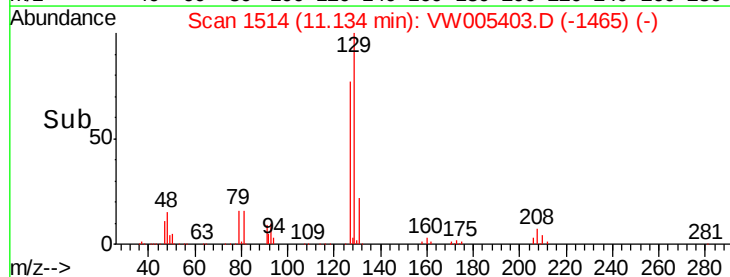
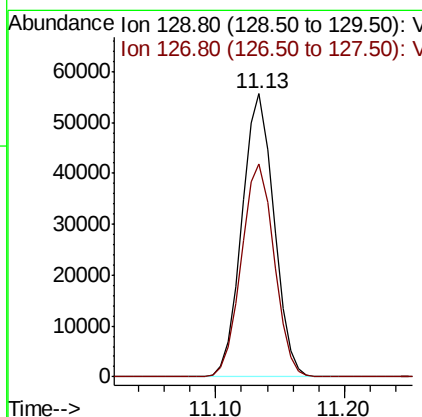
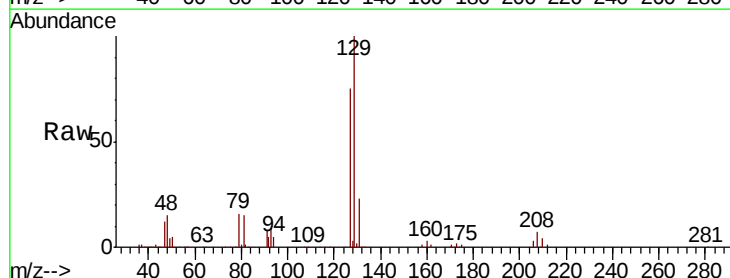
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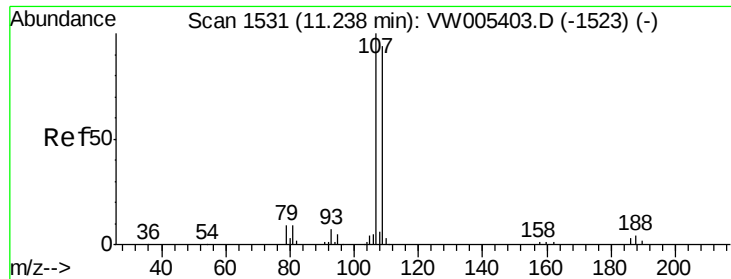
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#60
Dibromochloromethane
Concen: 49.43 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

Tgt Ion: 129 Resp: 95680
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.3





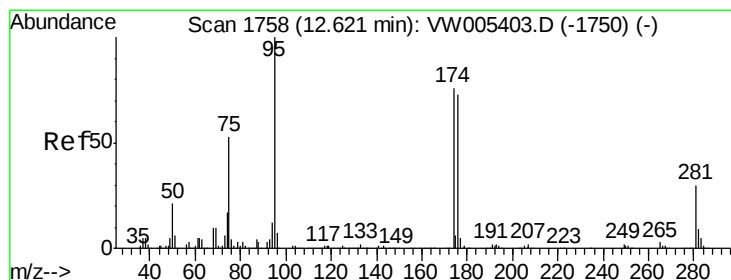
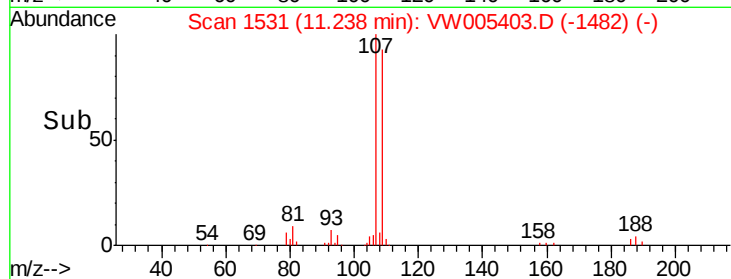
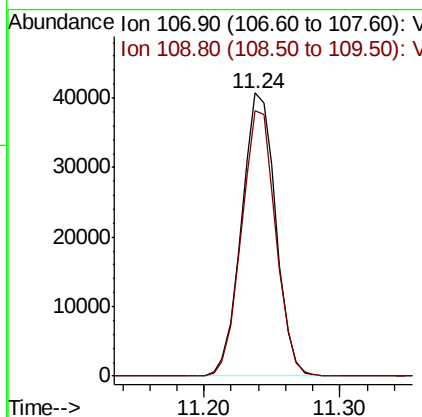
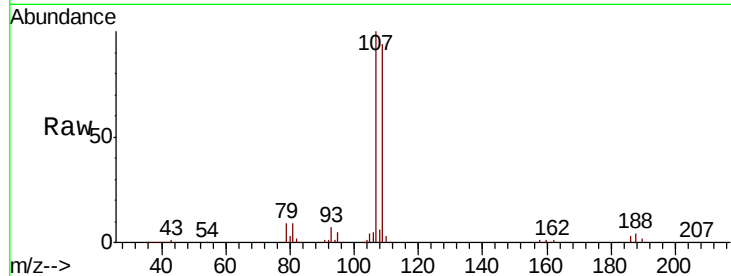
#61
 1,2-Dibromoethane
 Concen: 45.38 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW005403.D
 Acq: 15 Sep 2018 00:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion: 107 Resp: 71502
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.0 112.6

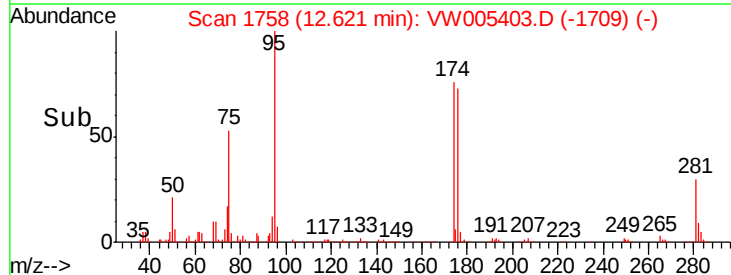
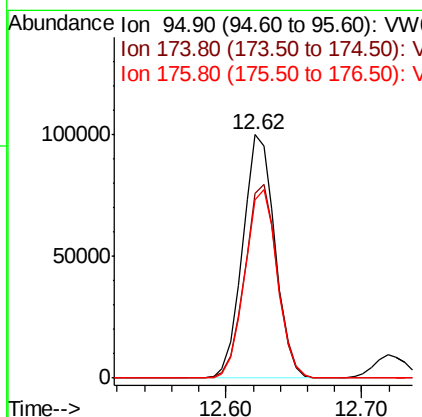
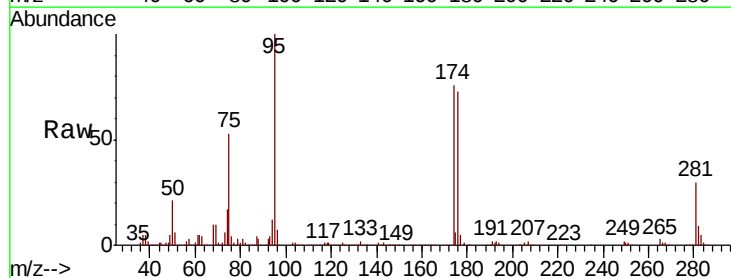
Manual Integrations
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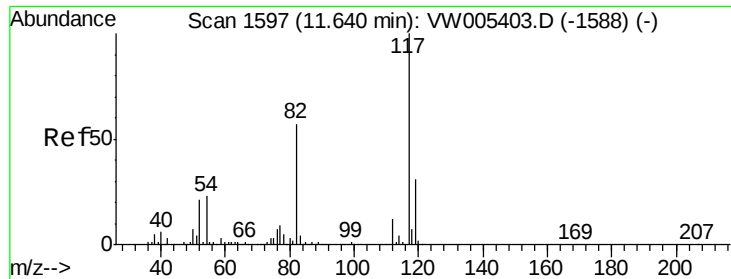
apatel
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#62
 4-Bromofluorobenzene
 Concen: 49.92 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW005403.D
 Acq: 15 Sep 2018 00:06

Tgt Ion: 95 Resp: 164965
 Ion Ratio Lower Upper
 95 100
 174 80.6 0.0 161.2
 176 78.3 0.0 156.6





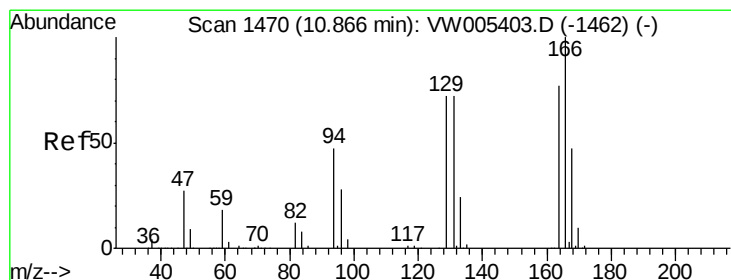
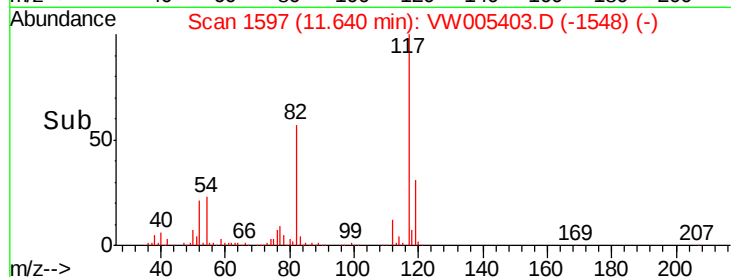
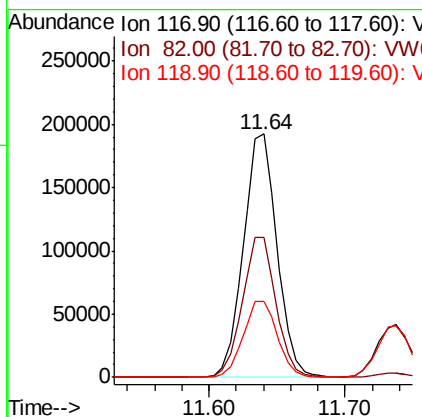
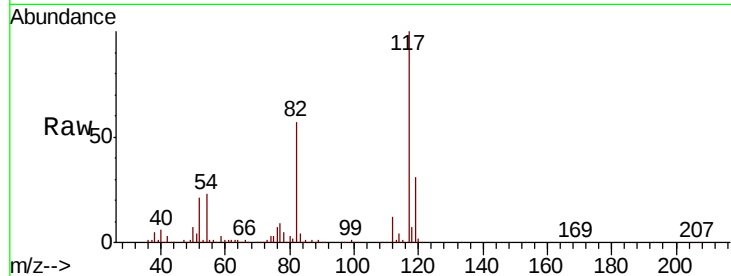
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.4	45.9	68.9
119	31.0	24.8	37.2

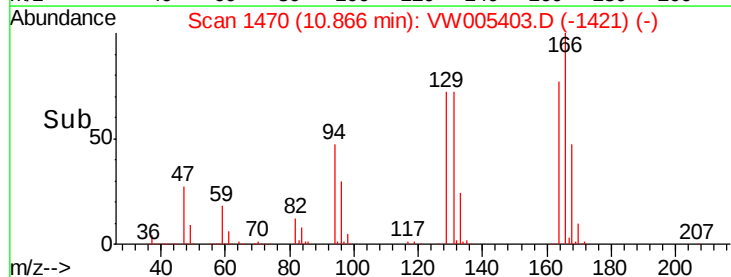
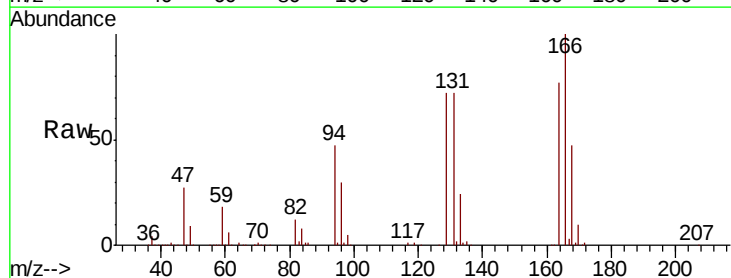
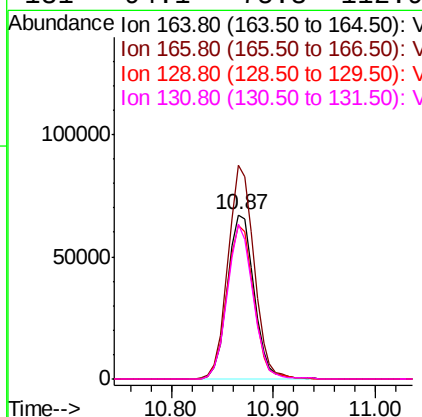
Manual Integrations
APPROVED

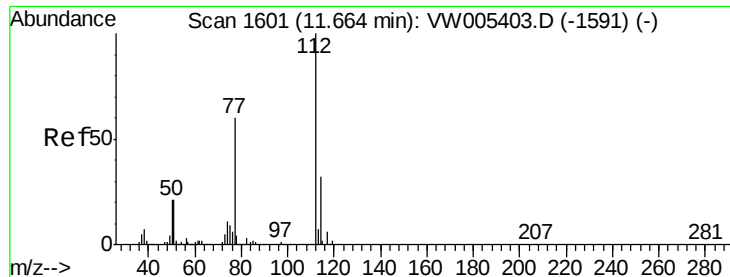
apatel
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#64
Tetrachloroethene
Concen: 49.22 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.0	104.0	156.0
129	93.6	74.9	112.3
131	94.1	75.3	112.9





#65

Chlorobenzene

Concen: 47.86 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion:112 Resp: 346148

Ion Ratio Lower Upper

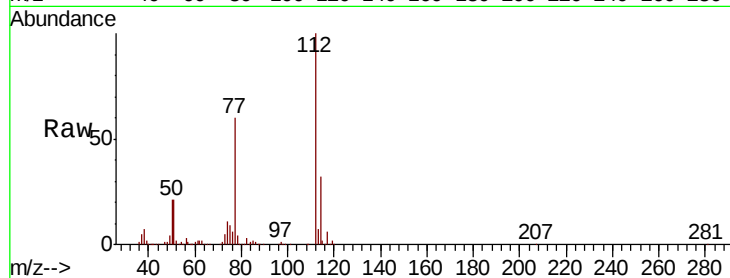
112 100

114 31.6 25.3 37.9

Manual Integrations
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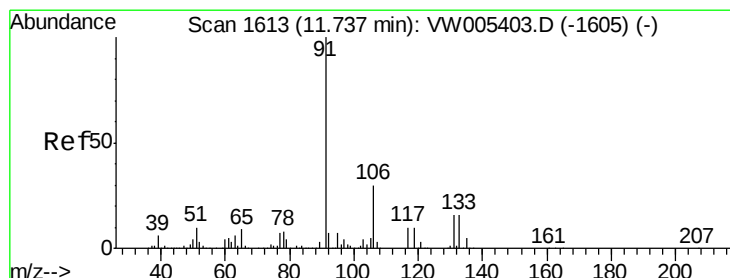
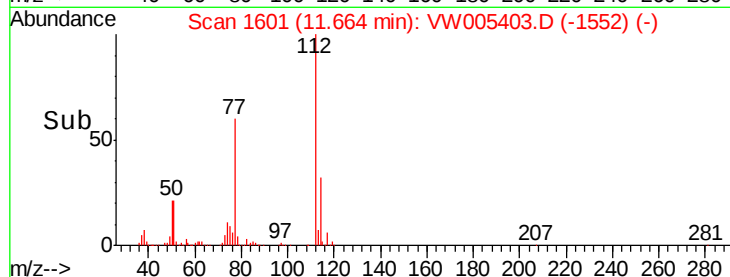
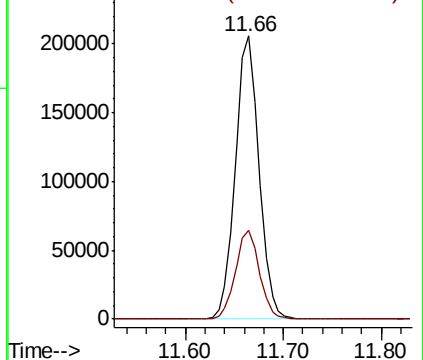
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.75 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

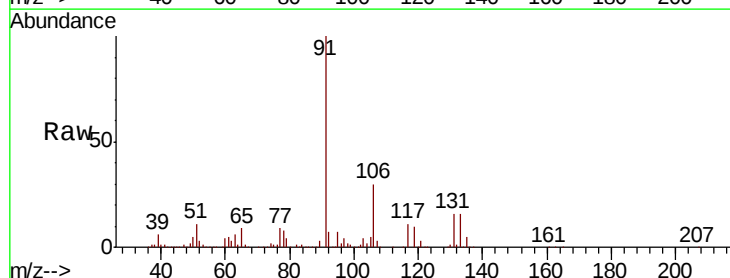
Tgt Ion:131 Resp: 110930

Ion Ratio Lower Upper

131 100

133 94.6 47.3 141.9

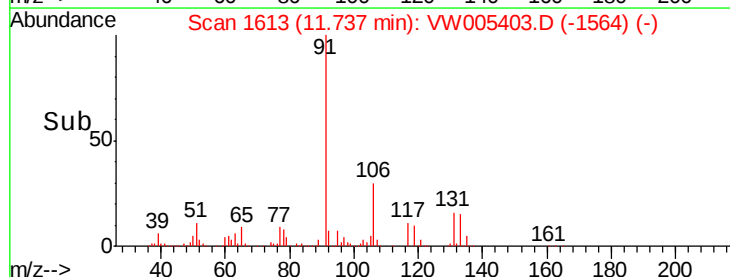
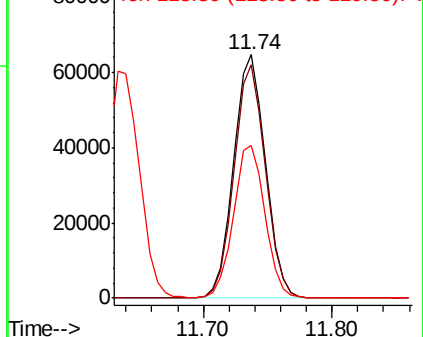
119 62.3 31.1 93.5

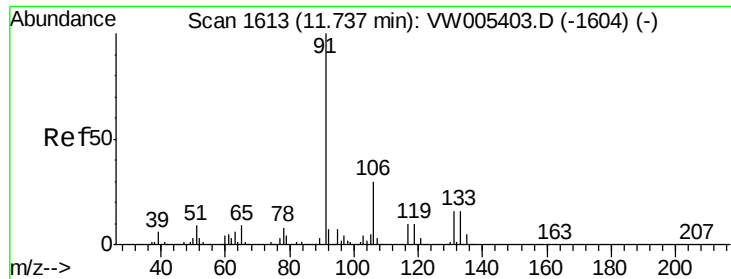


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





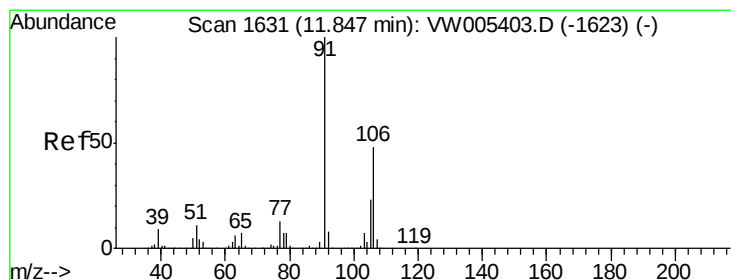
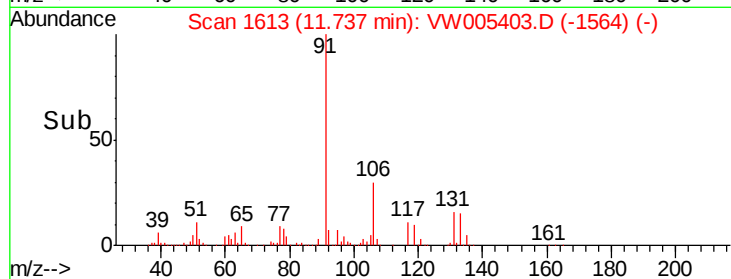
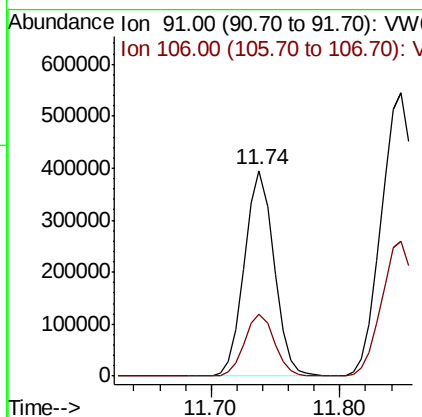
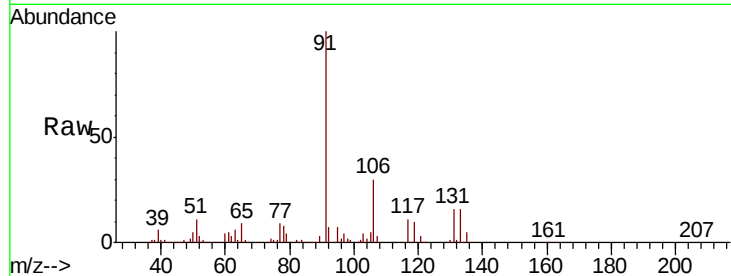
#67
Ethyl Benzene
Concen: 49.79 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion: 91 Resp: 628917
Ion Ratio Lower Upper
91 100
106 30.3 24.2 36.4

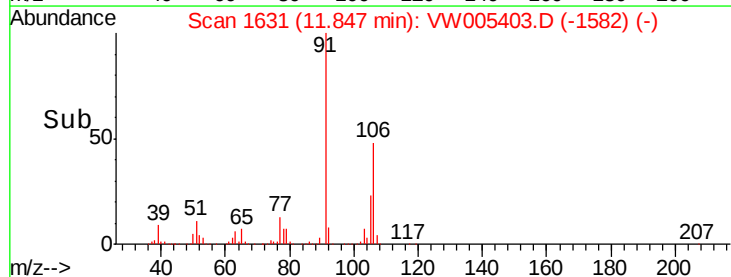
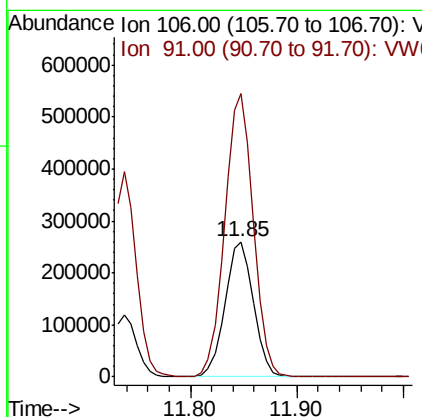
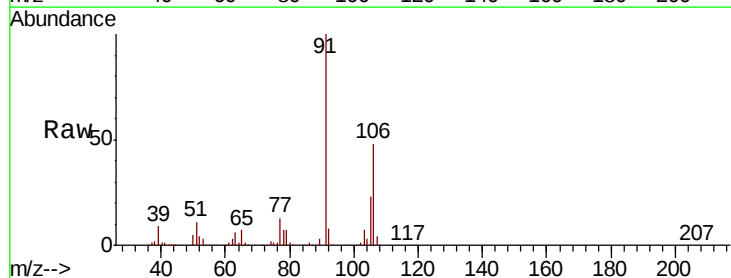
Manual Integrations
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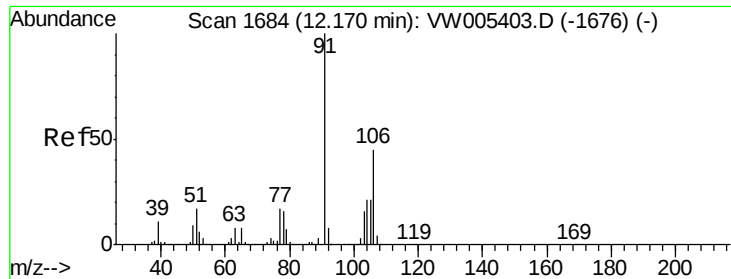
apatel
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#68
m/p-Xylenes
Concen: 95.91 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

Tgt Ion: 106 Resp: 485380
Ion Ratio Lower Upper
106 100
91 209.9 167.9 251.9





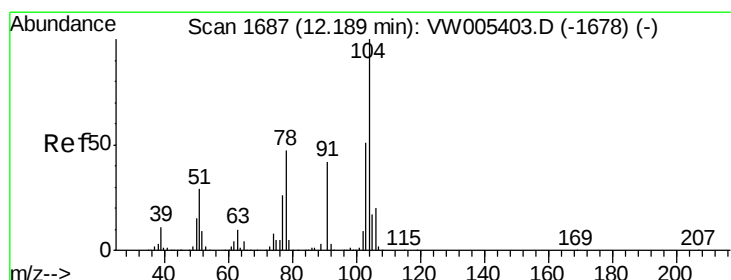
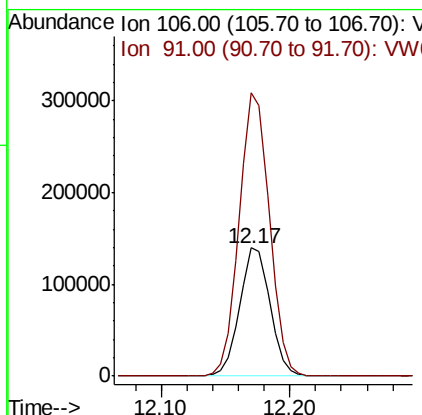
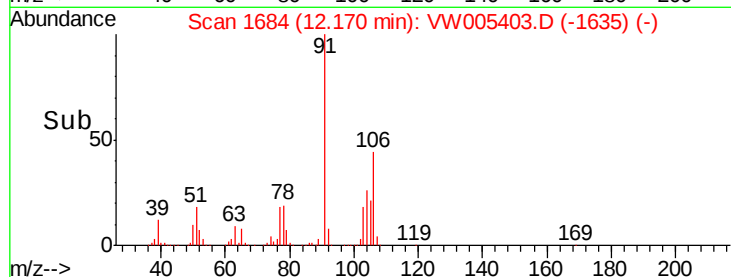
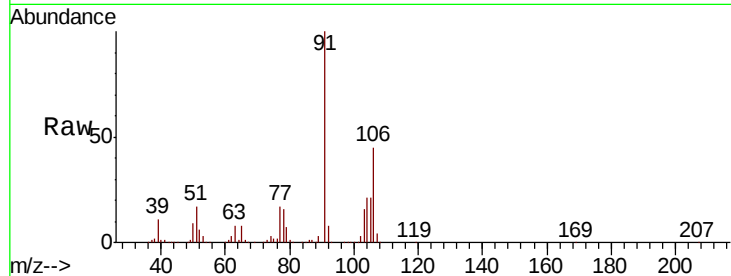
#69
o-Xylene
Concen: 48.39 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	221.1	110.6	331.6	

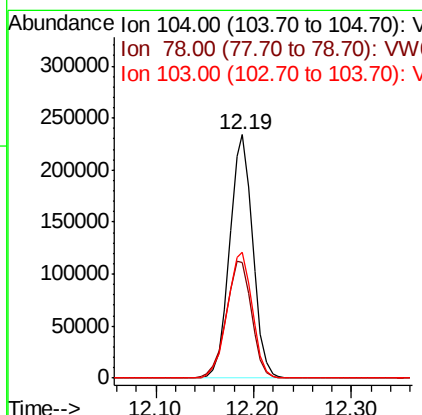
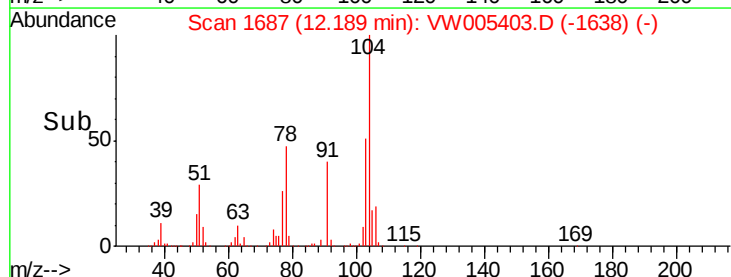
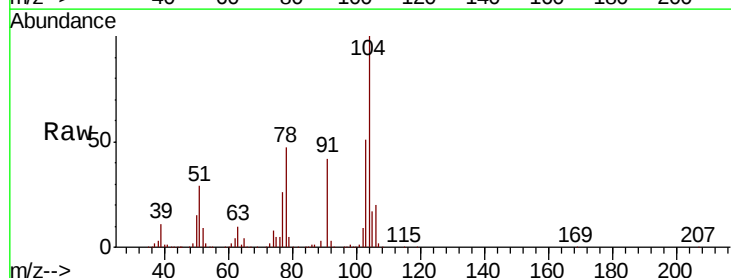
Manual Integrations
APPROVED

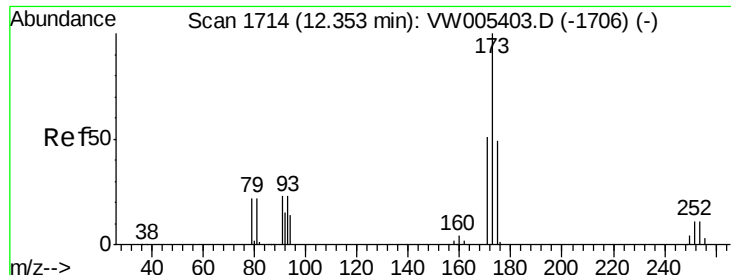
apatel
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#70
Styrene
Concen: 49.66 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

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





#71

Bromoform

Concen: 50.05 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion:173 Resp: 59076

Ion Ratio Lower Upper

173 100

175 48.4 24.2 72.6

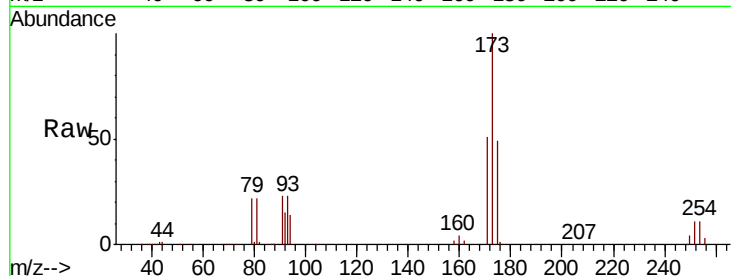
254 0.0 0.0 0.0#

Manual Integrations

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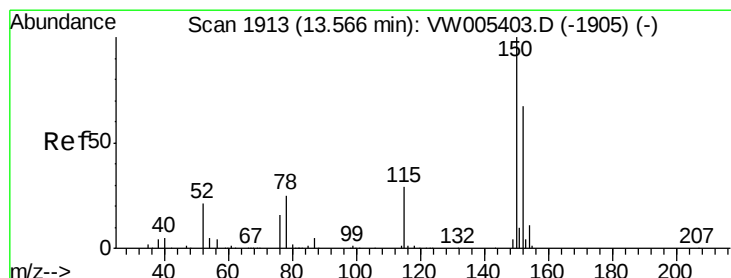
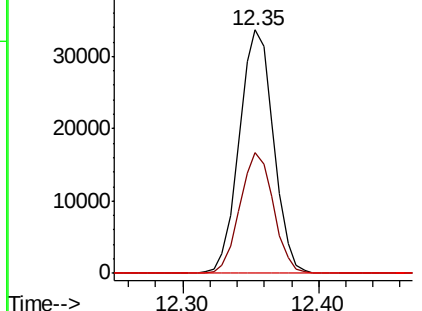
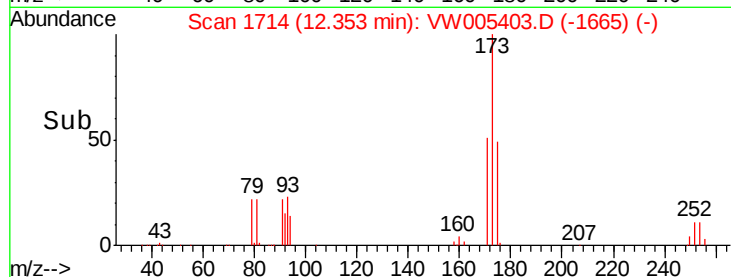
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

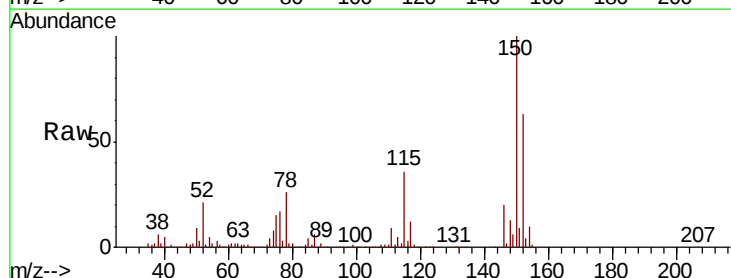
Tgt Ion:152 Resp: 176011

Ion Ratio Lower Upper

152 100

115 59.0 29.5 88.5

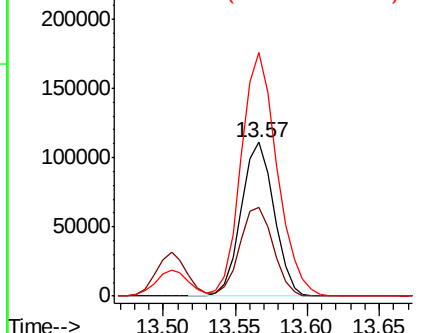
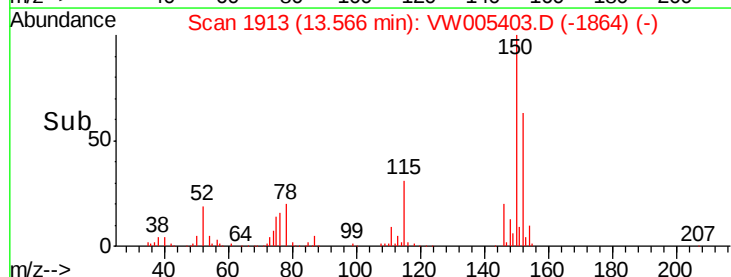
150 172.8 0.0 345.6

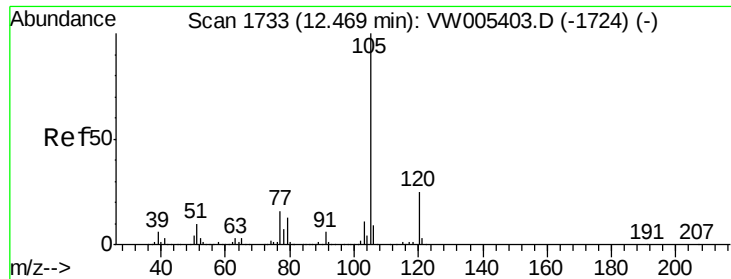


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.47 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 623876

Ion Ratio Lower Upper

105 100

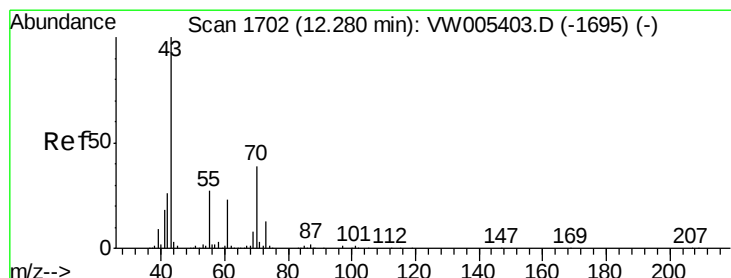
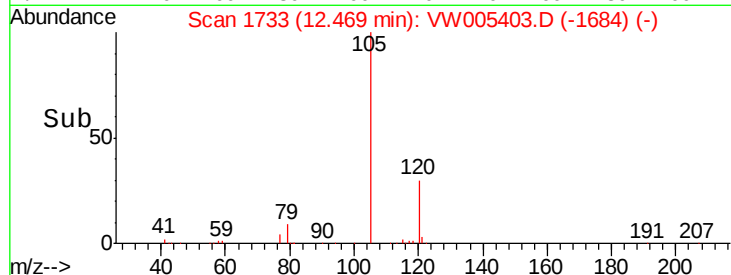
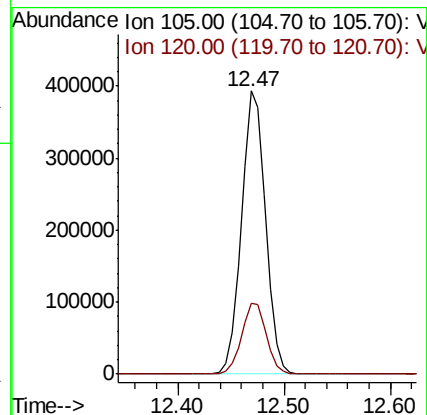
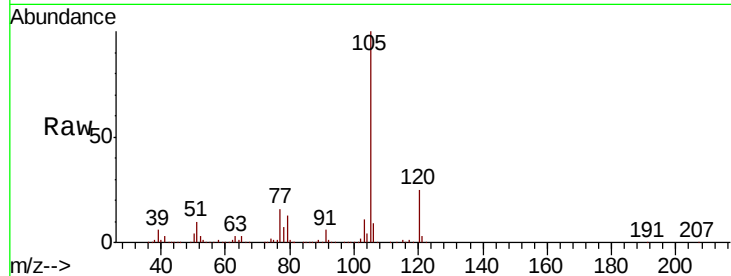
120 25.7 12.9 38.6

Manual Integrations

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#74

N-ethyl acetate

Concen: 55.14 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

Tgt Ion: 43 Resp: 132381

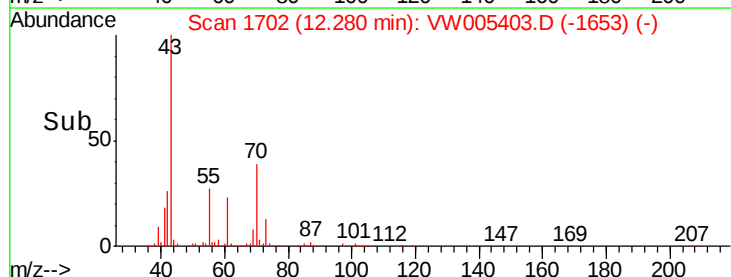
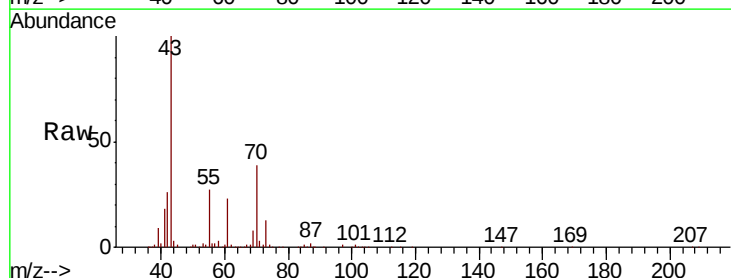
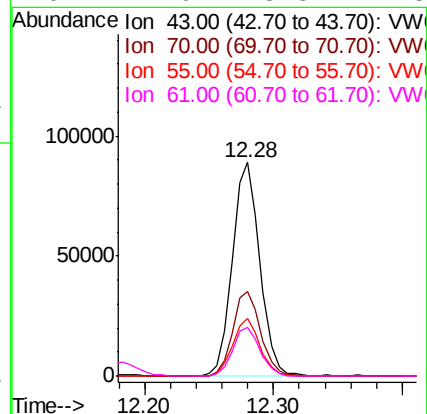
Ion Ratio Lower Upper

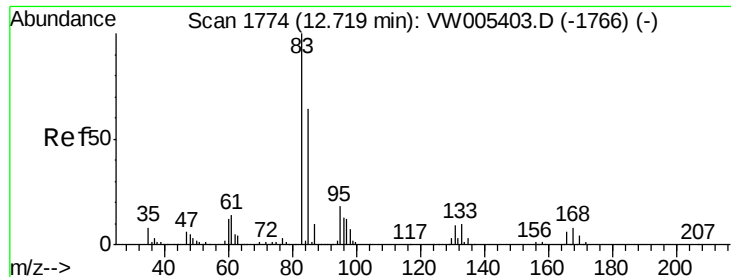
43 100

70 39.9 31.9 47.9

55 26.7 21.4 32.0

61 22.9 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 47.62 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

Instrument :

MSVOA_W

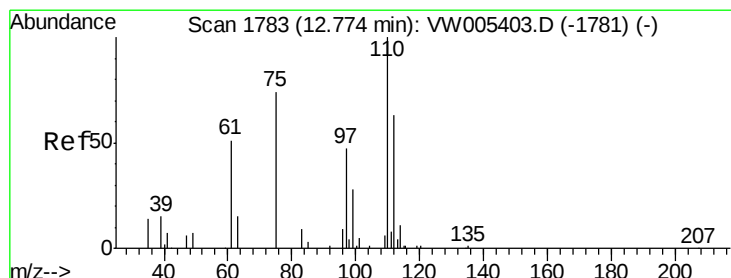
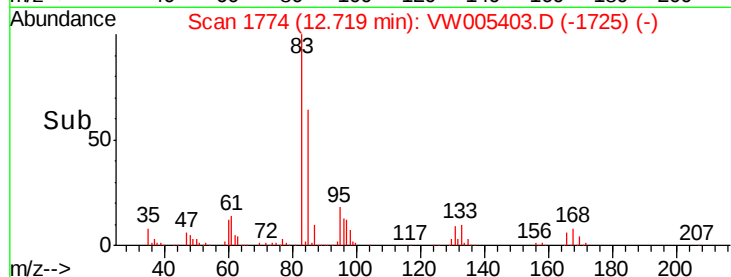
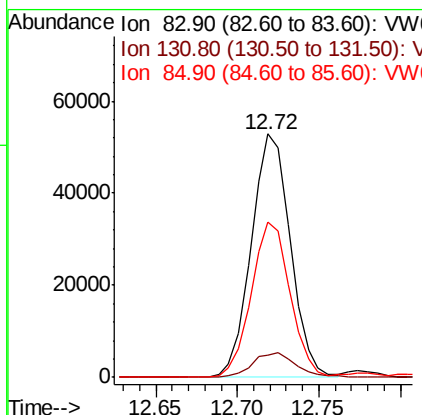
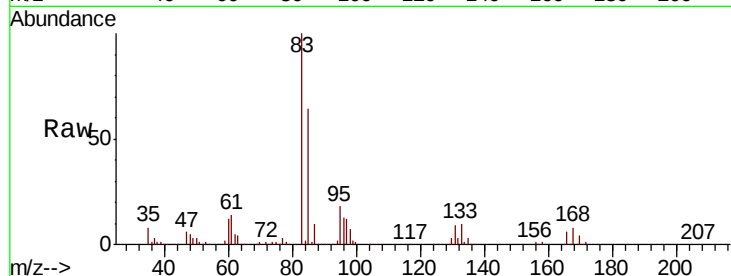
ClientSampled :

VSTDICCC050

Tot Ion:	83	Resp:	88048
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.7	17.1
85	63.3	31.6	95.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.42 ug/l m

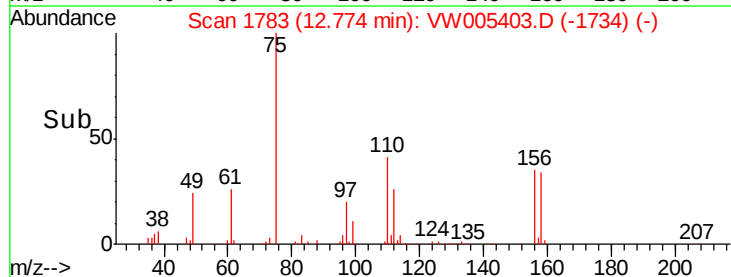
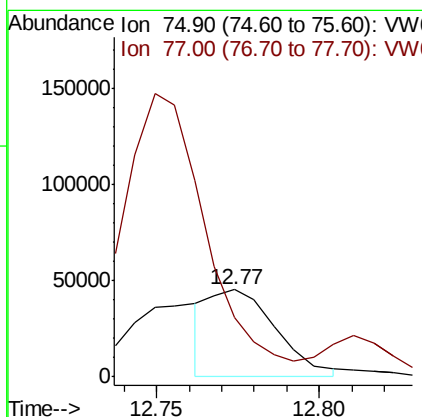
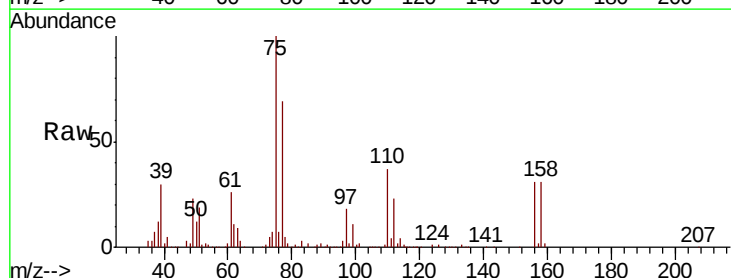
RT: 12.77 min Scan# 1783

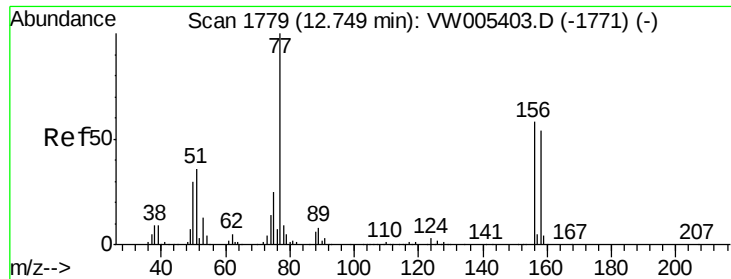
Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

Tgt Ion:	75	Resp:	65411
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





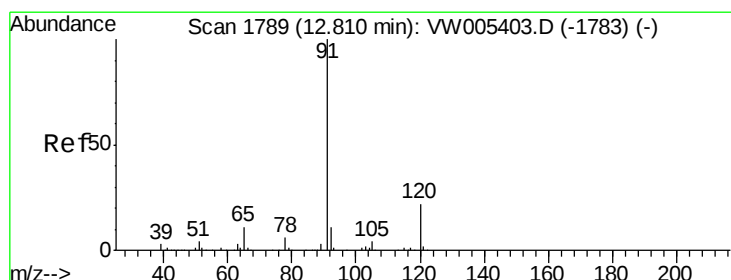
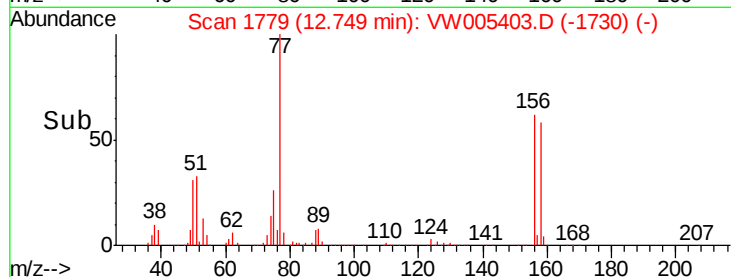
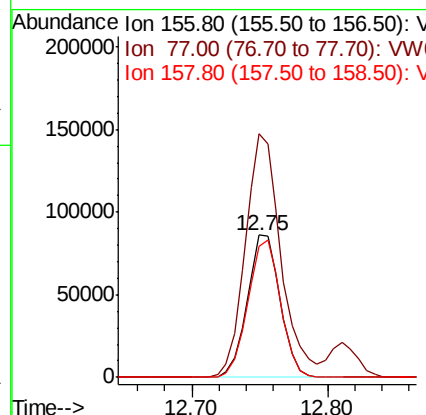
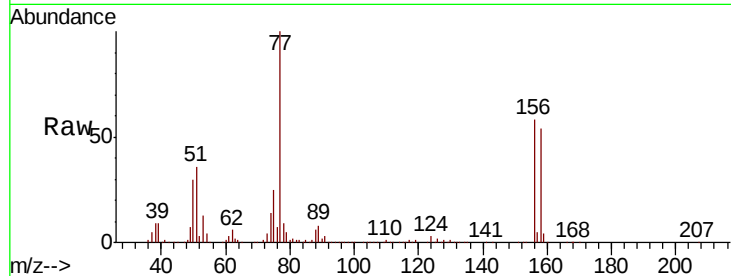
#77
Bromobenzene
Concen: 49.52 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	185.5	92.8	278.3
158	96.4	48.2	144.6

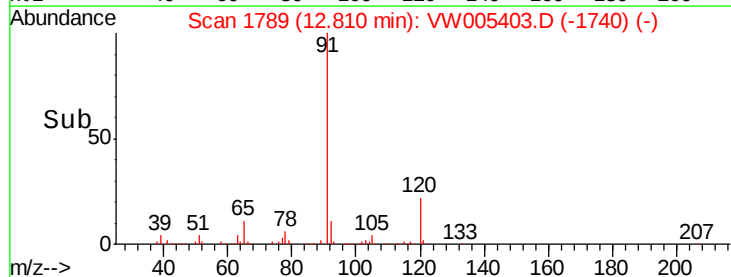
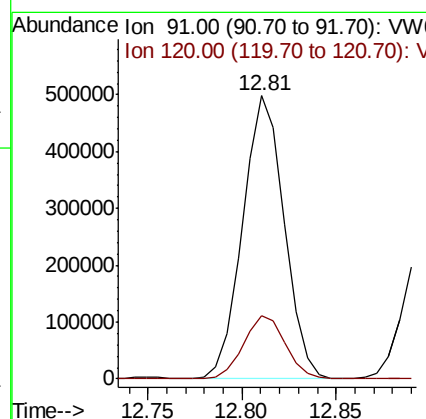
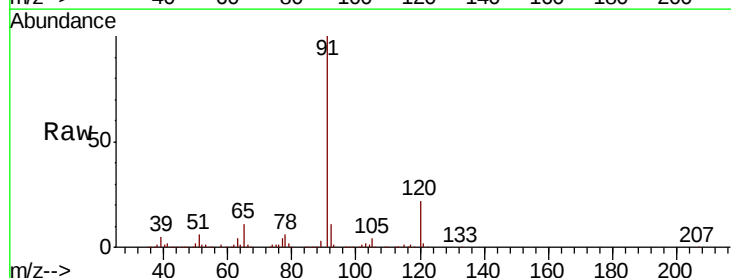
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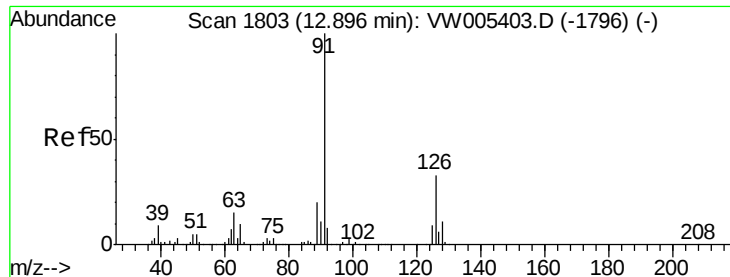
apatel
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#78
n-propylbenzene
Concen: 50.83 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.3	33.8





#79

2-Chlorotoluene

Concen: 51.44 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tot Ion: 91 Resp: 441847

Ion Ratio Lower Upper

91 100

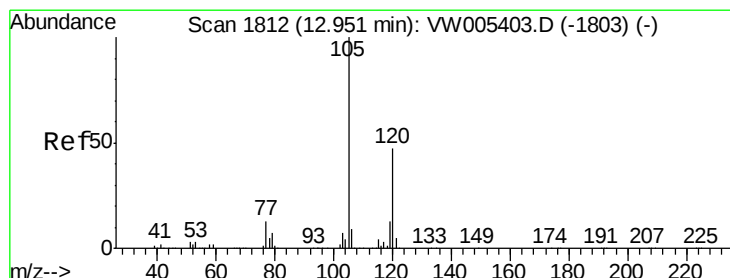
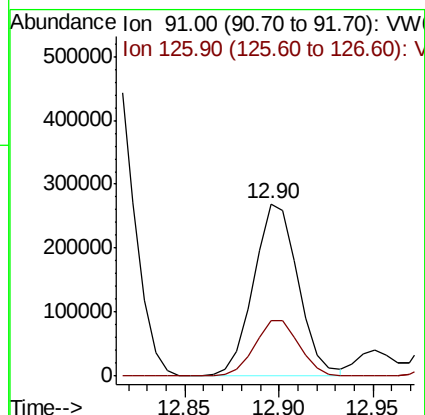
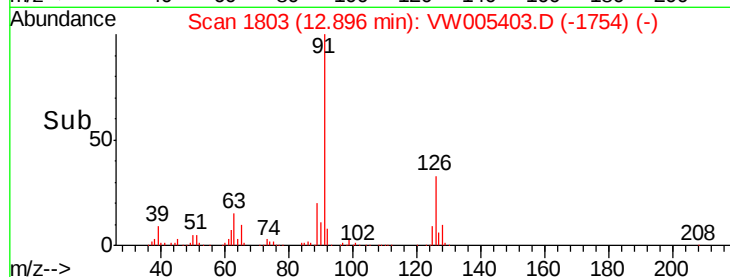
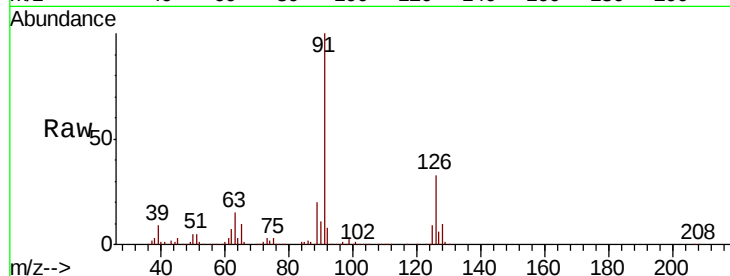
126 32.7 16.4 49.1

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#80

1,3,5-Trimethylbenzene

Concen: 52.43 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW005403.D

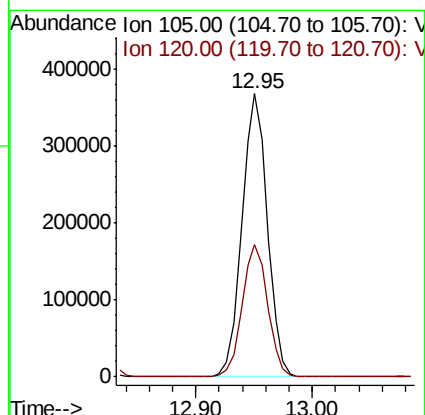
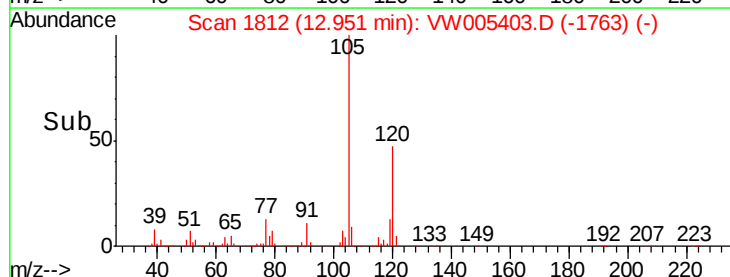
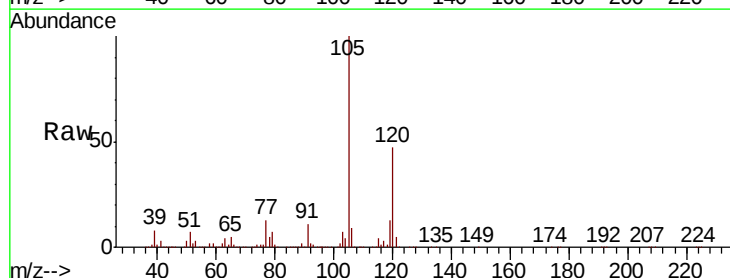
Acq: 15 Sep 2018 00:06

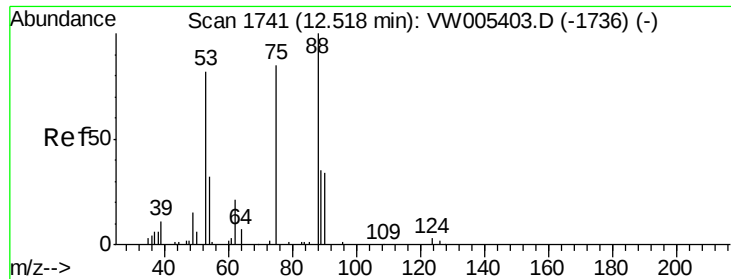
Tgt Ion: 105 Resp: 558363

Ion Ratio Lower Upper

105 100

120 47.0 23.5 70.5





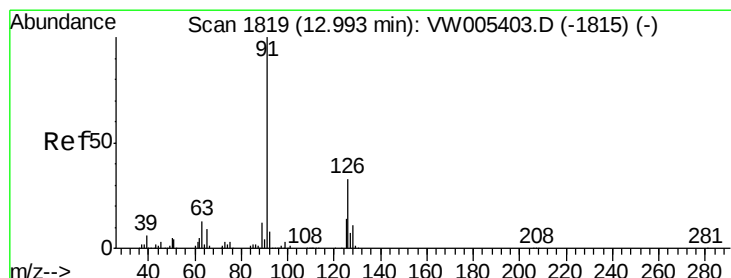
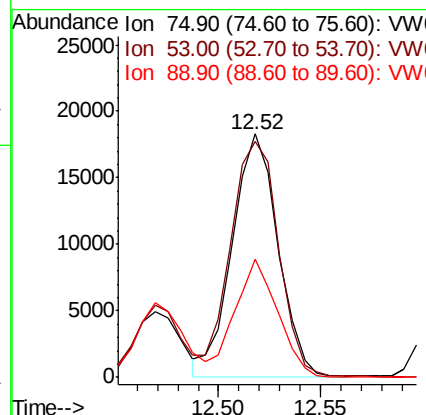
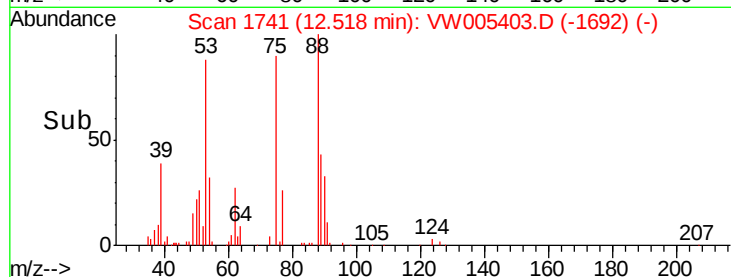
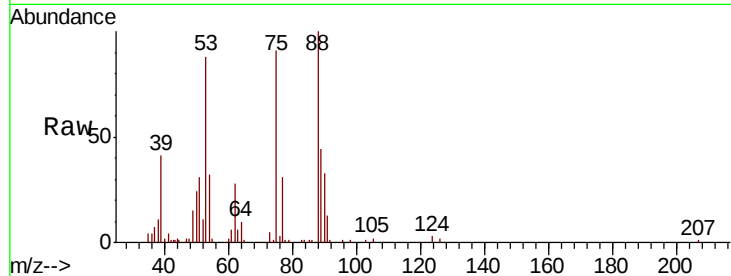
#81
trans-1,4-Dichloro-2-butene
Concen: 49.30 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.0	83.2	124.8
89	45.7	36.6	54.8

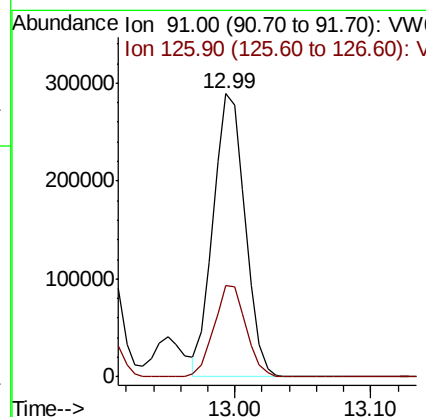
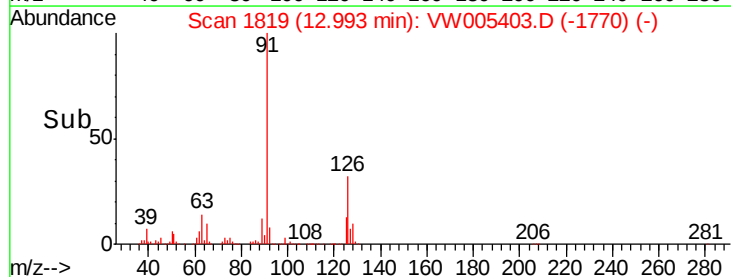
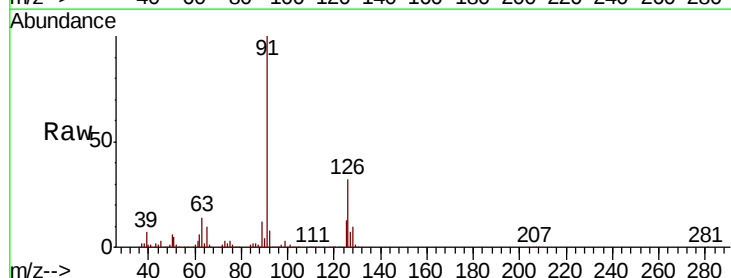
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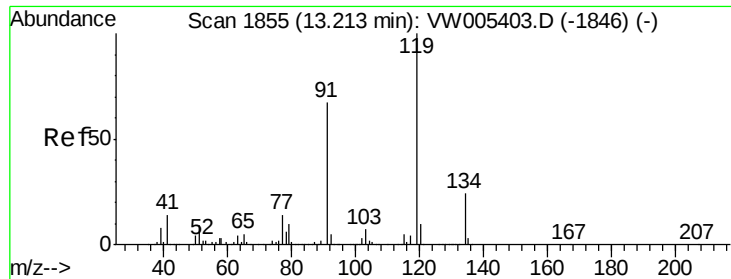
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#82
4-Chlorotoluene
Concen: 51.64 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.4	49.1





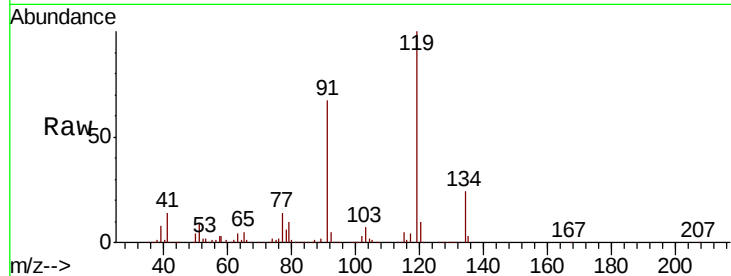
#83
tert-Butylbenzene
Concen: 49.94 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

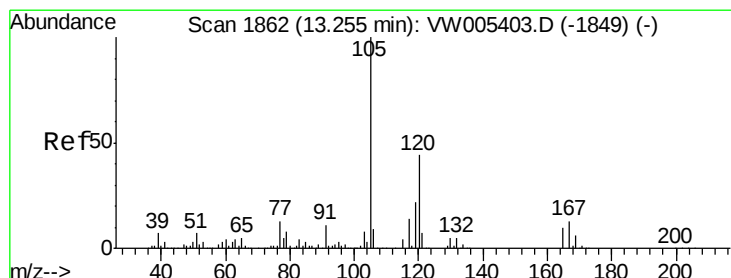
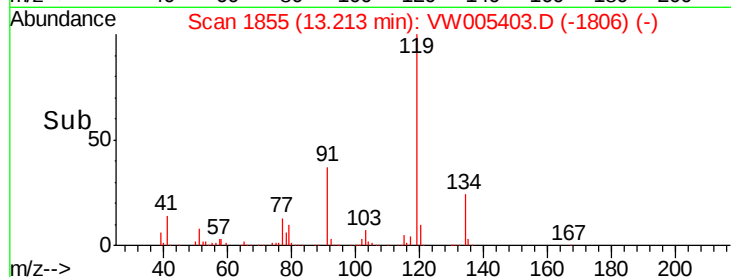
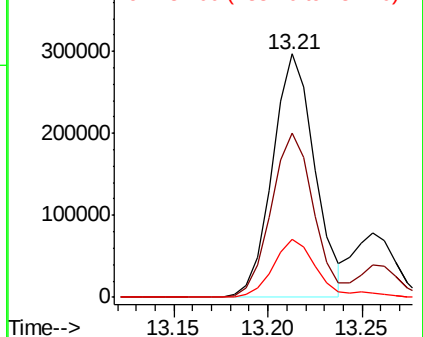
Tot Ion	Ratio	Lower	Upper
119	100		
91	68.8	34.4	103.2
134	25.3	12.7	38.0

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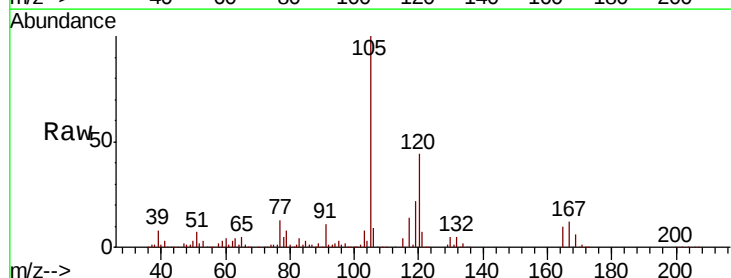


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

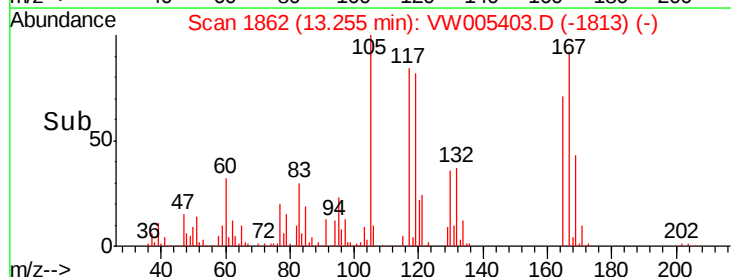
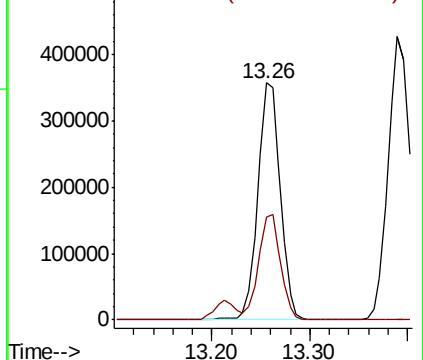


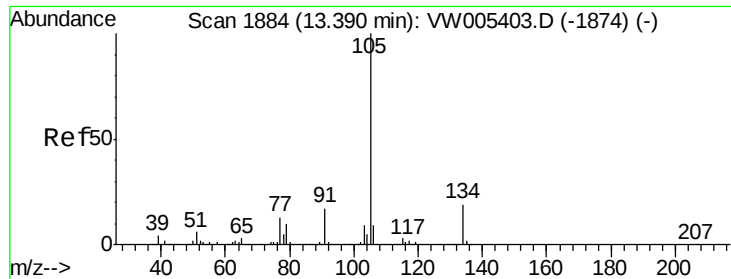
#84
1,2,4-Trimethylbenzene
Concen: 52.81 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.5	21.8	65.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.83 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 660604

Ion Ratio Lower Upper

105 100

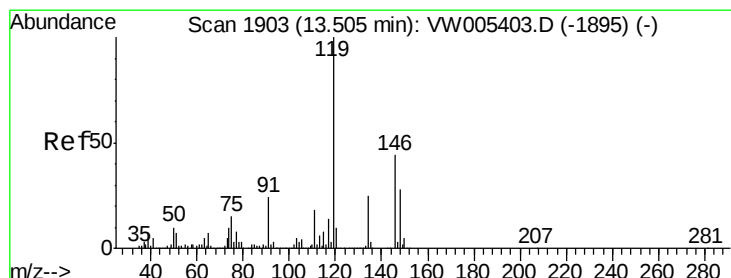
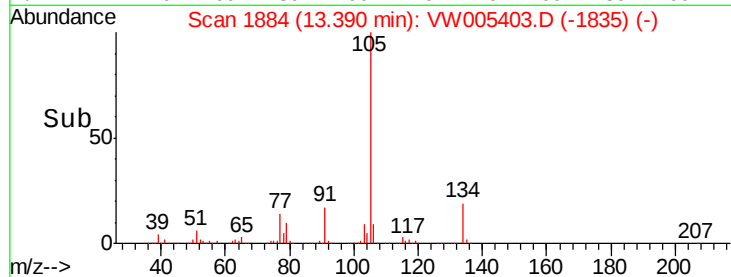
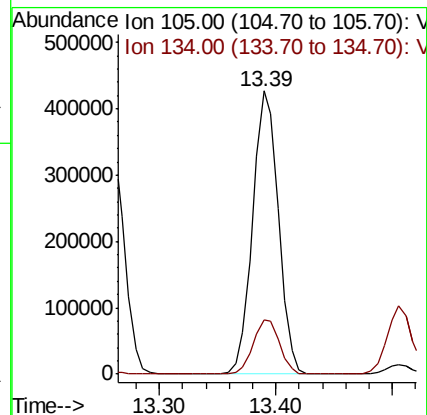
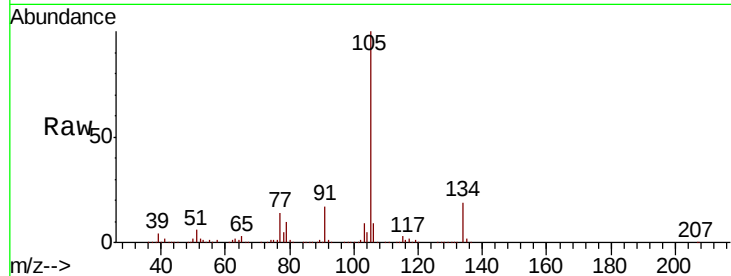
134 19.7 9.8 29.5

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#86

p-Isopropyltoluene

Concen: 51.00 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

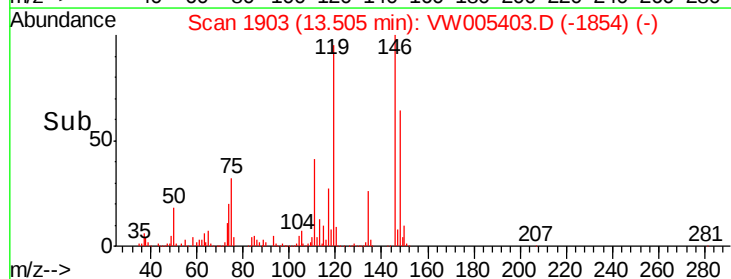
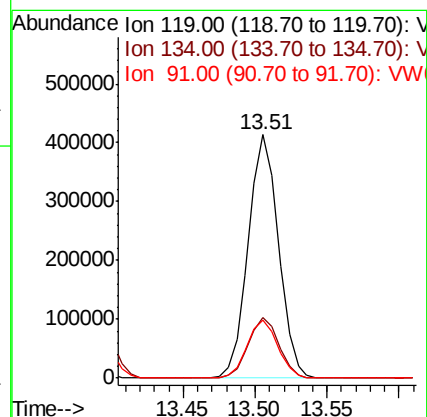
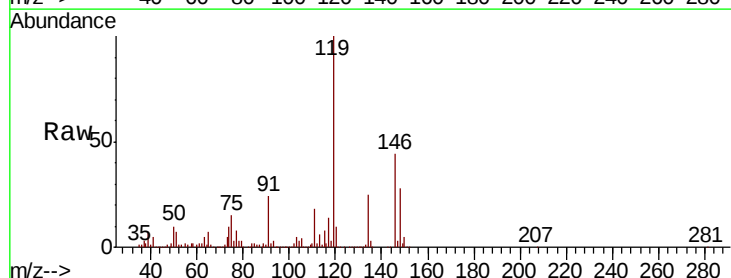
Tgt Ion:119 Resp: 599691

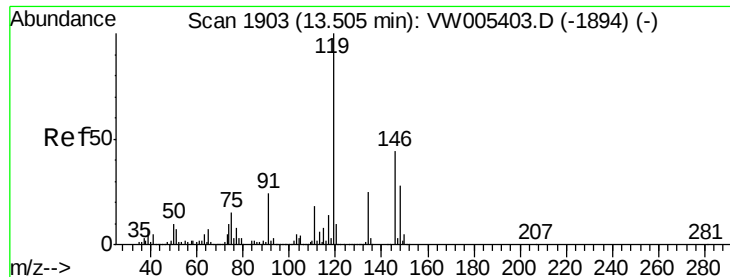
Ion Ratio Lower Upper

119 100

134 25.2 12.6 37.8

91 24.0 12.0 36.0





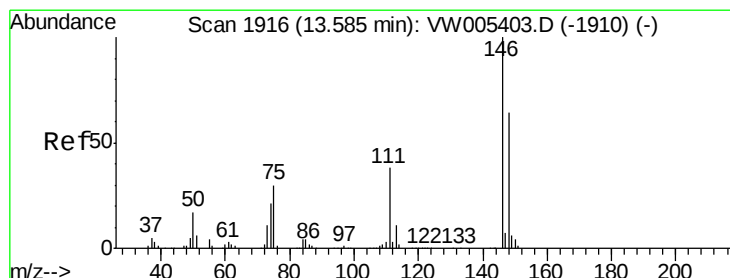
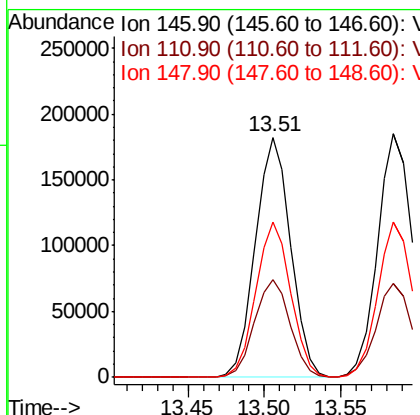
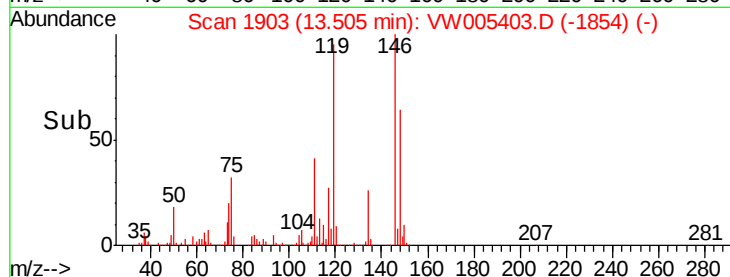
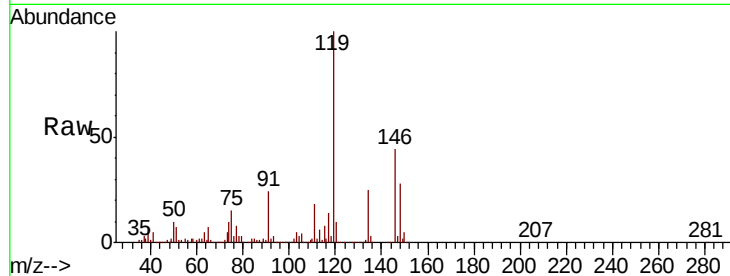
#87
 1,3-Dichlorobenzene
 Concen: 47.88 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005403.D
 Acq: 15 Sep 2018 00:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	292237		
111	40.8	20.4	61.2	
148	64.0	32.0	96.0	

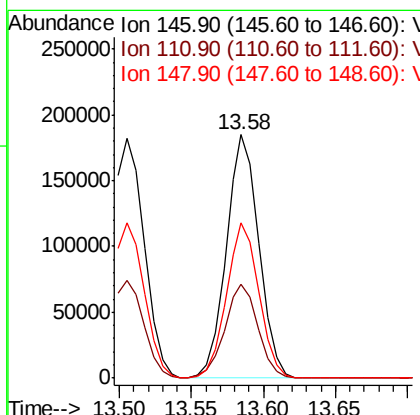
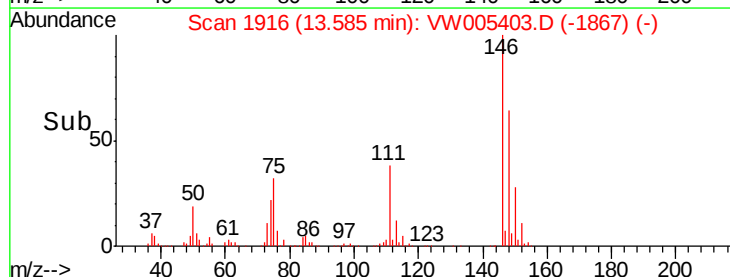
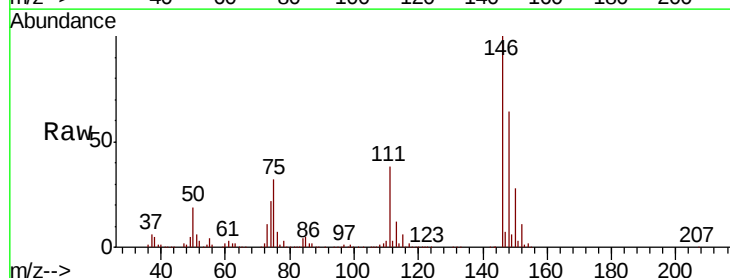
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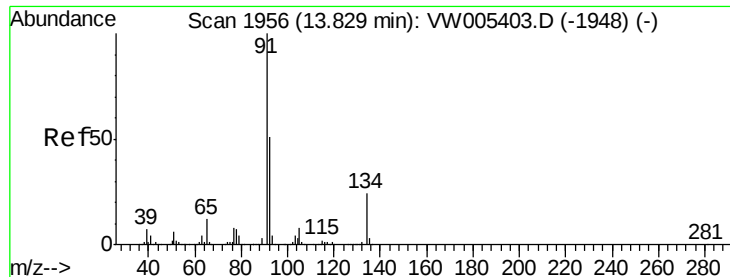
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#88
 1,4-Dichlorobenzene
 Concen: 48.21 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW005403.D
 Acq: 15 Sep 2018 00:06

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	290806		
111	39.2	19.6	58.8	
148	63.6	31.8	95.4	





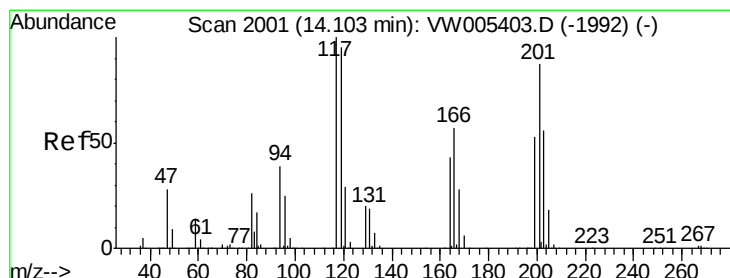
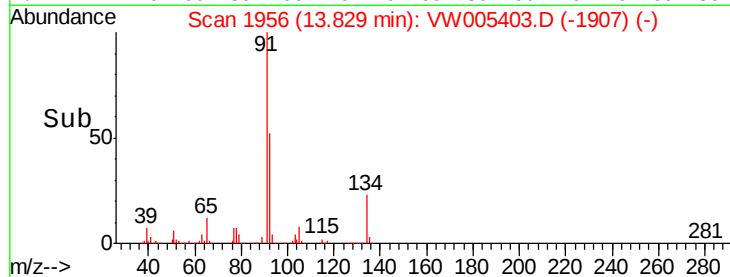
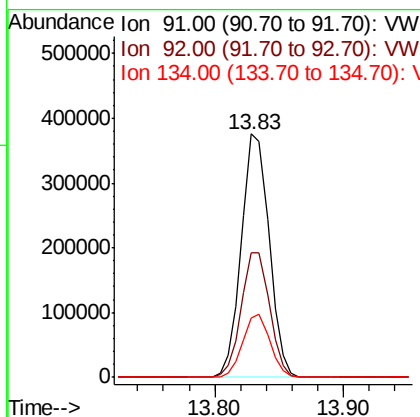
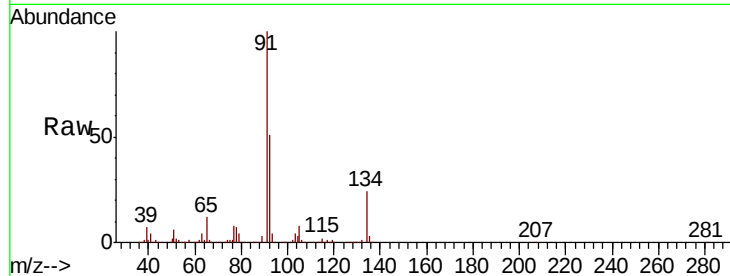
#89
n-Butylbenzene
Concen: 50.76 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.2	78.6
134	25.4	12.7	38.1

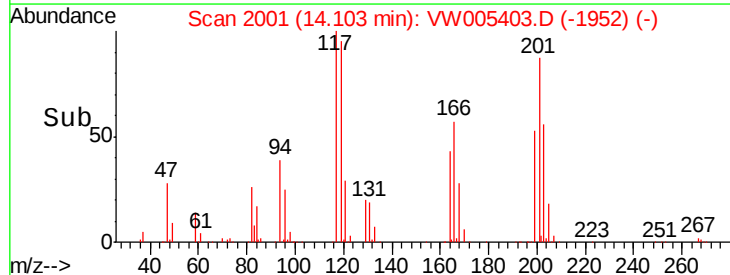
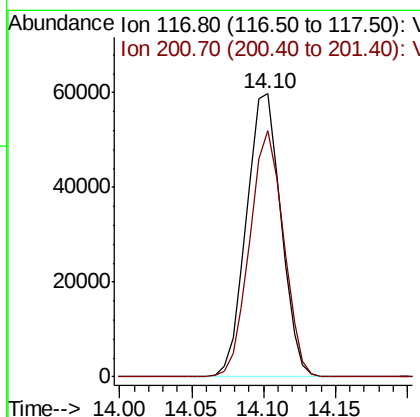
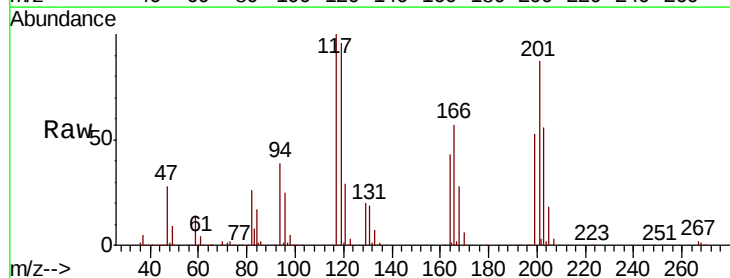
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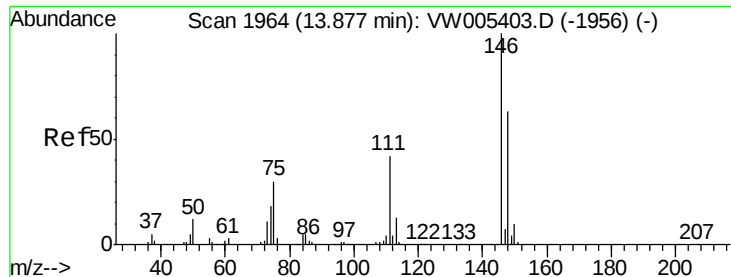
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#90
Hexachloroethane
Concen: 52.30 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.0	42.5	127.5





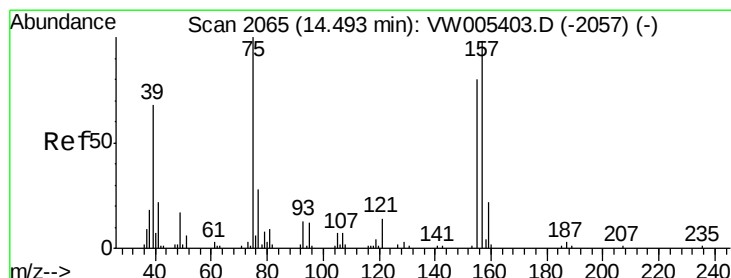
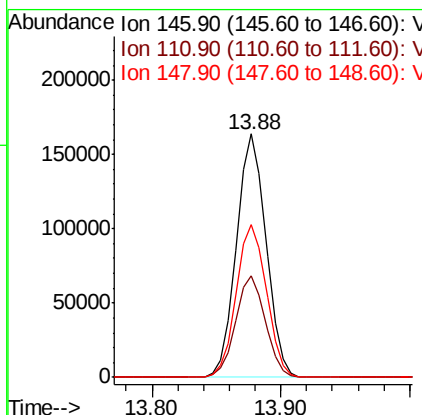
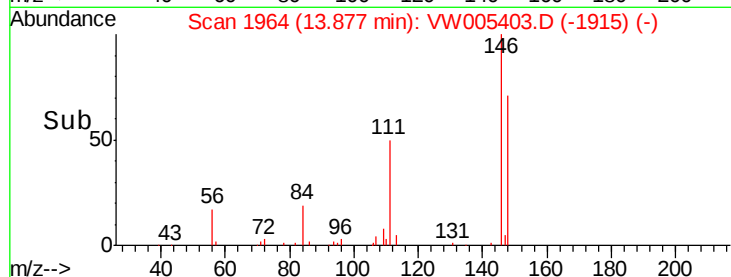
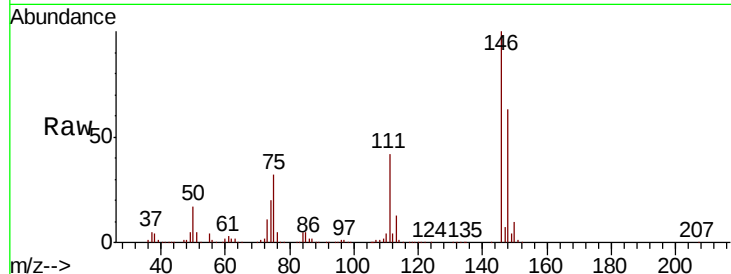
#91
 1,2-Dichlorobenzene
 Concen: 48.37 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW005403.D
 Acq: 15 Sep 2018 00:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.0	63.0
148	63.9	31.9	95.9

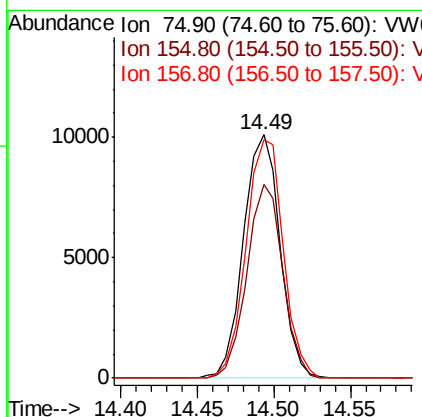
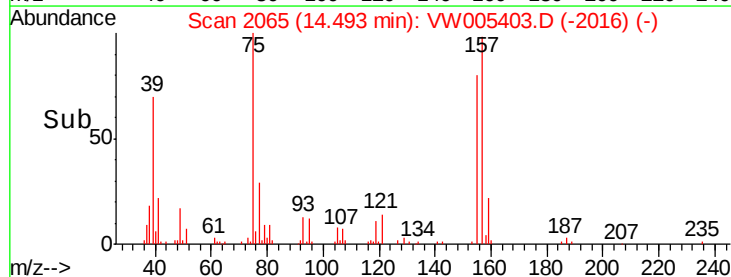
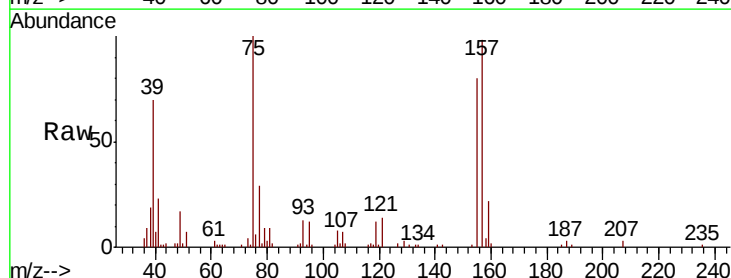
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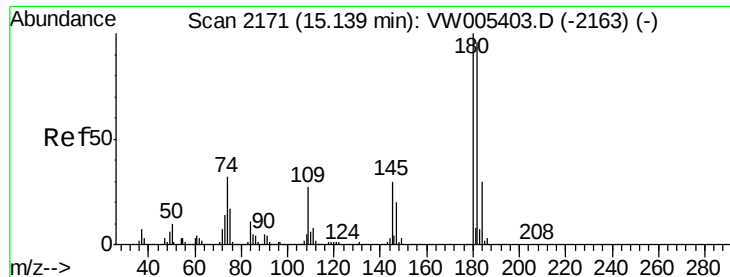
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.44 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW005403.D
 Acq: 15 Sep 2018 00:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.0	39.0	117.0
157	99.7	49.9	149.6





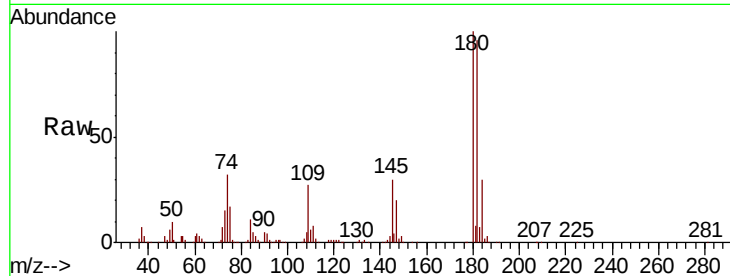
#93
 1,2,4-Trichlorobenzene
 Concen: 47.72 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW005403.D
 Acq: 15 Sep 2018 00:06

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDICCC050

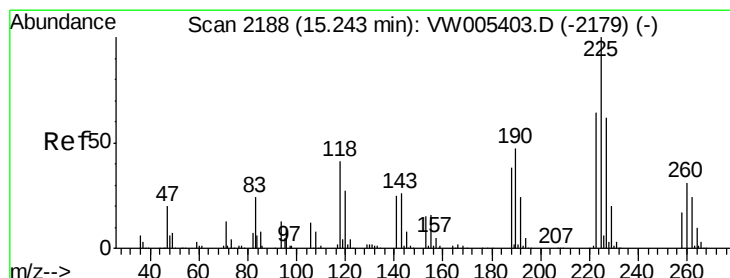
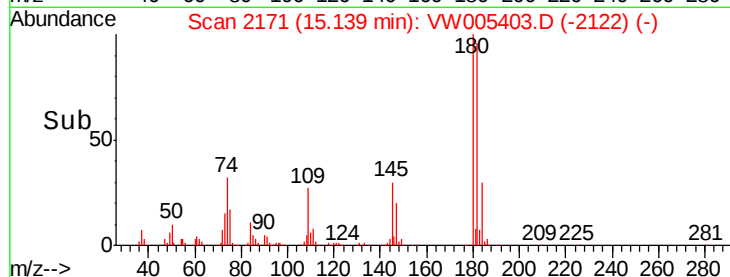
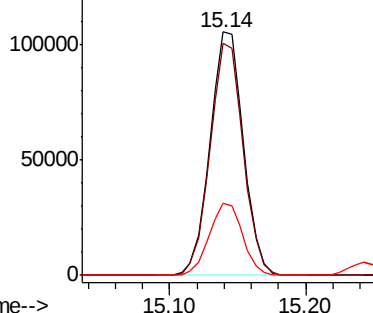
Tot Ion	Ratio	Resp	Lower	Upper
180	100	180981		
182	94.6	47.3	141.9	
145	29.5	14.8	44.3	

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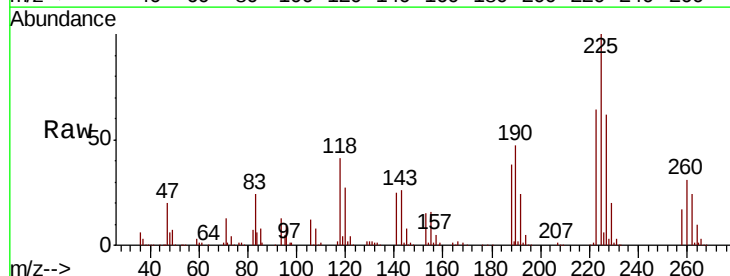


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

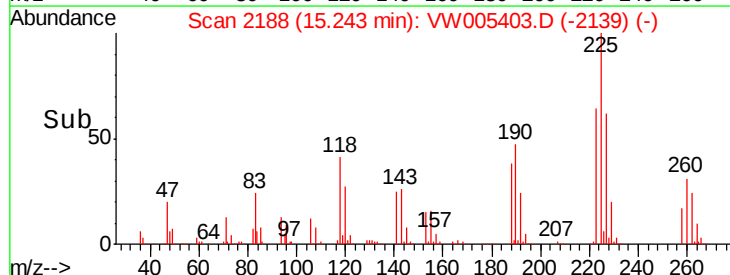
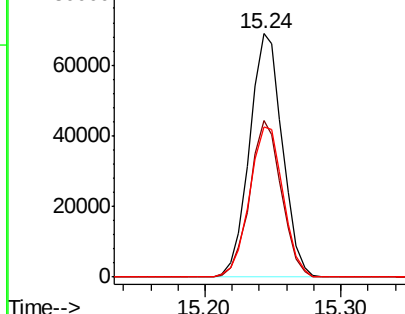


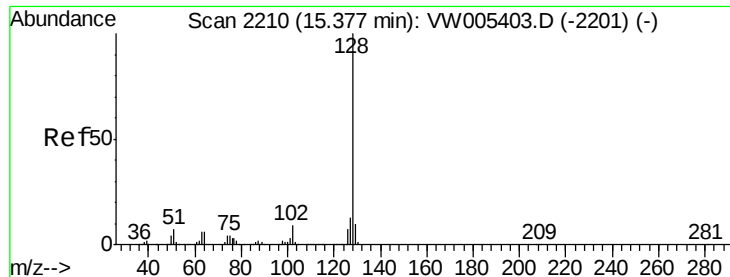
#94
 Hexachlorobutadiene
 Concen: 47.95 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW005403.D
 Acq: 15 Sep 2018 00:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	116426		
223	62.4	31.2	93.6	
227	63.3	31.6	95.0	



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





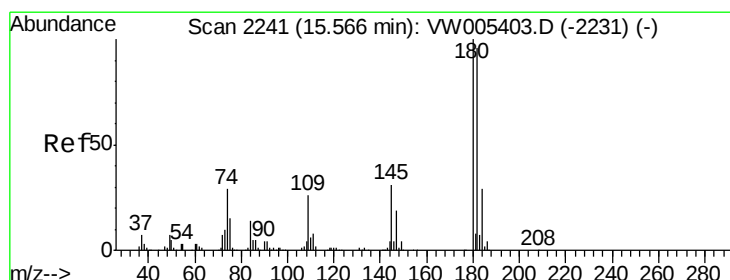
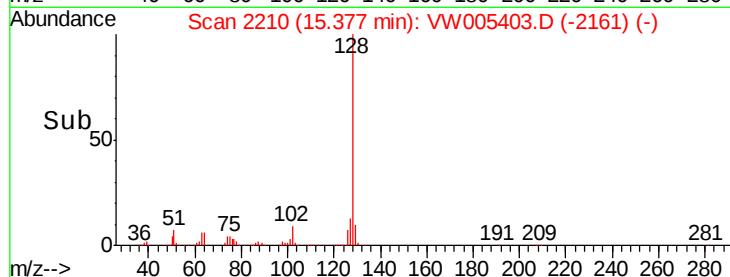
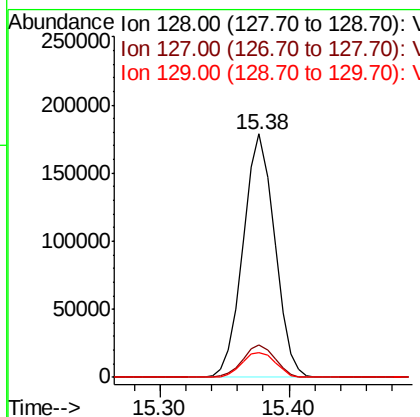
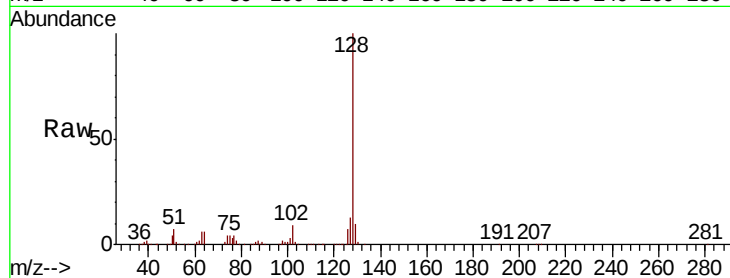
#95
Naphthalene
Concen: 49.32 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
127	13.7	11.0	16.4	
129	10.9	8.7	13.1	

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 47.96 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.3	48.1	144.4	
145	31.8	15.9	47.7	

