

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091618\
 Data File : VW005405.D
 Acq On : 15 Sep 2018 00:57
 Operator : SY/AP
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

apatel
 9/17/2018 2:24:05 PM

Quant Time: Sep 15 02:25:10 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	246160	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	366353	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	347722	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	174797	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	228765	118.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	236.14%	
35) Dibromofluoromethane	7.89	113	190898	99.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	198.48%	
50) Toluene-d8	10.33	98	912348	95.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	190.52%	
62) 4-Bromofluorobenzene	12.62	95	329631	93.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	186.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	198295	91.81	ug/l	100
3) Chloromethane	2.21	50	253109	88.89	ug/l	100
4) Vinyl Chloride	2.36	62	246307	93.80	ug/l	98
5) Bromomethane	2.78	94	152576	85.16	ug/l	100
6) Chloroethane	2.92	64	147230	100.32	ug/l	100
7) Trichlorofluoromethane	3.26	101	321316	104.91	ug/l	99
8) Diethyl Ether	3.69	74	100876	95.43	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	187740	89.10	ug/l	100
10) Methyl Iodide	4.28	142	278649	119.41	ug/l	99
11) Tert butyl alcohol	5.23	59	73097	479.40	ug/l	99
12) 1,1-Dichloroethene	4.04	96	176538	91.30	ug/l	98
13) Acrolein	3.90	56	49871	356.03	ug/l	98
14) Allyl chloride	4.68	41	342410	111.20	ug/l	99
15) Acrylonitrile	5.38	53	230817	483.66	ug/l	100
16) Acetone	4.15	43	177339	507.26	ug/l	99
17) Carbon Disulfide	4.39	76	638261	94.22	ug/l	99
18) Methyl Acetate	4.68	43	112344	106.55	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	511538	108.04	ug/l	97
20) Methylene Chloride	4.92	84	241607	82.96	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	211577	93.18	ug/l	99
22) Diisopropyl ether	6.32	45	687932	110.81	ug/l	99
23) Vinyl Acetate	6.26	43	1937633	558.13	ug/l	100
24) 1,1-Dichloroethane	6.22	63	392956	103.42	ug/l	99
25) 2-Butanone	7.18	43	271904	492.21	ug/l	99
26) 2,2-Dichloropropane	7.17	77	336249	101.89	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	232339	95.29	ug/l	99
28) Bromochloromethane	7.52	49	143550	102.69	ug/l	99
29) Tetrahydrofuran	7.54	42	181348	492.54	ug/l	100
30) Chloroform	7.68	83	400713	105.04	ug/l	100
31) Cyclohexane	7.96	56	379471	96.51	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	372487	107.32	ug/l	100
36) 1,1-Dichloropropene	8.09	75	335643	99.50	ug/l	99
37) Ethyl Acetate	7.26	43	129970	99.69	ug/l	99
38) Carbon Tetrachloride	8.07	117	334562	104.03	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	405363	92.46	ug/l	98
40) Benzene	8.33	78	962417	97.37	ug/l	100
41) Methacrylonitrile	7.49	41	81147	119.31	ug/l	96
42) 1,2-Dichloroethane	8.41	62	280176	112.34	ug/l	99
43) Isopropyl Acetate	8.43	43	263919	108.42	ug/l	100
44) Trichloroethene	9.10	130	247720	92.30	ug/l	96
45) 1,2-Dichloropropane	9.37	63	228465	96.20	ug/l	98
46) Dibromomethane	9.46	93	107364	91.65	ug/l	97
47) Bromodichloromethane	9.65	83	300090	103.21	ug/l	98
48) Methyl methacrylate	9.44	41	139599	111.30	ug/l	95
49) 1,4-Dioxane	9.49	88	38513	1810.81	ug/l #	95
51) 4-Methyl-2-Pentanone	10.22	43	686055	507.54	ug/l	99
52) Toluene	10.40	92	656004	91.82	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	319446	103.00	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	359160	97.68	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	161149	87.76	ug/l	96
56) Ethyl methacrylate	10.65	69	228908	98.00	ug/l	99
57) 1,3-Dichloropropane	10.94	76	287482	93.28	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	523221	512.99	ug/l	100
59) 2-Hexanone	10.98	43	477397	491.89	ug/l	99
60) Dibromochloromethane	11.13	129	203411	98.43	ug/l	100
61) 1,2-Dibromoethane	11.24	107	149209	88.69	ug/l	100
64) Tetrachloroethene	10.87	164	255591	99.32	ug/l	97
65) Chlorobenzene	11.66	112	697808	92.29	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	227261	99.45	ug/l	99
67) Ethyl Benzene	11.74	91	1299473	98.41	ug/l	99
68) m/p-Xylenes	11.85	106	981685	185.54	ug/l	100
69) o-Xylene	12.17	106	464949	94.64	ug/l	100
70) Styrene	12.19	104	779756	96.96	ug/l	100
71) Bromoform	12.35	173	121628	98.56	ug/l #	99
73) Isopropylbenzene	12.47	105	1285756	104.74	ug/l	100
74) N-amyl acetate	12.28	43	274520	115.14	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	175037	95.32	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	129944m	96.85	ug/l	
77) Bromobenzene	12.76	156	287262	98.89	ug/l	99
78) n-propylbenzene	12.81	91	1527887	102.89	ug/l	99
79) 2-Chlorotoluene	12.90	91	888873	104.20	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1104822	104.46	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	56644	99.62	ug/l	97
82) 4-Chlorotoluene	12.99	91	922433	102.65	ug/l	100
83) tert-Butylbenzene	13.21	119	927777	101.15	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1116738	104.59	ug/l	99
85) sec-Butylbenzene	13.39	105	1316828	100.02	ug/l	100
86) p-Isopropyltoluene	13.51	119	1190182	101.91	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	571144	94.23	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	556330	92.87	ug/l	99
89) n-Butylbenzene	13.83	91	1105514	100.71	ug/l	100
90) Hexachloroethane	14.10	117	200381	105.93	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	495515	92.53	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	31861	102.07	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	341078	90.55	ug/l	99
94) Hexachlorobutadiene	15.24	225	217145	90.06	ug/l	100
95) Naphthalene	15.38	128	621692	101.95	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	300530	92.90	ug/l	99

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

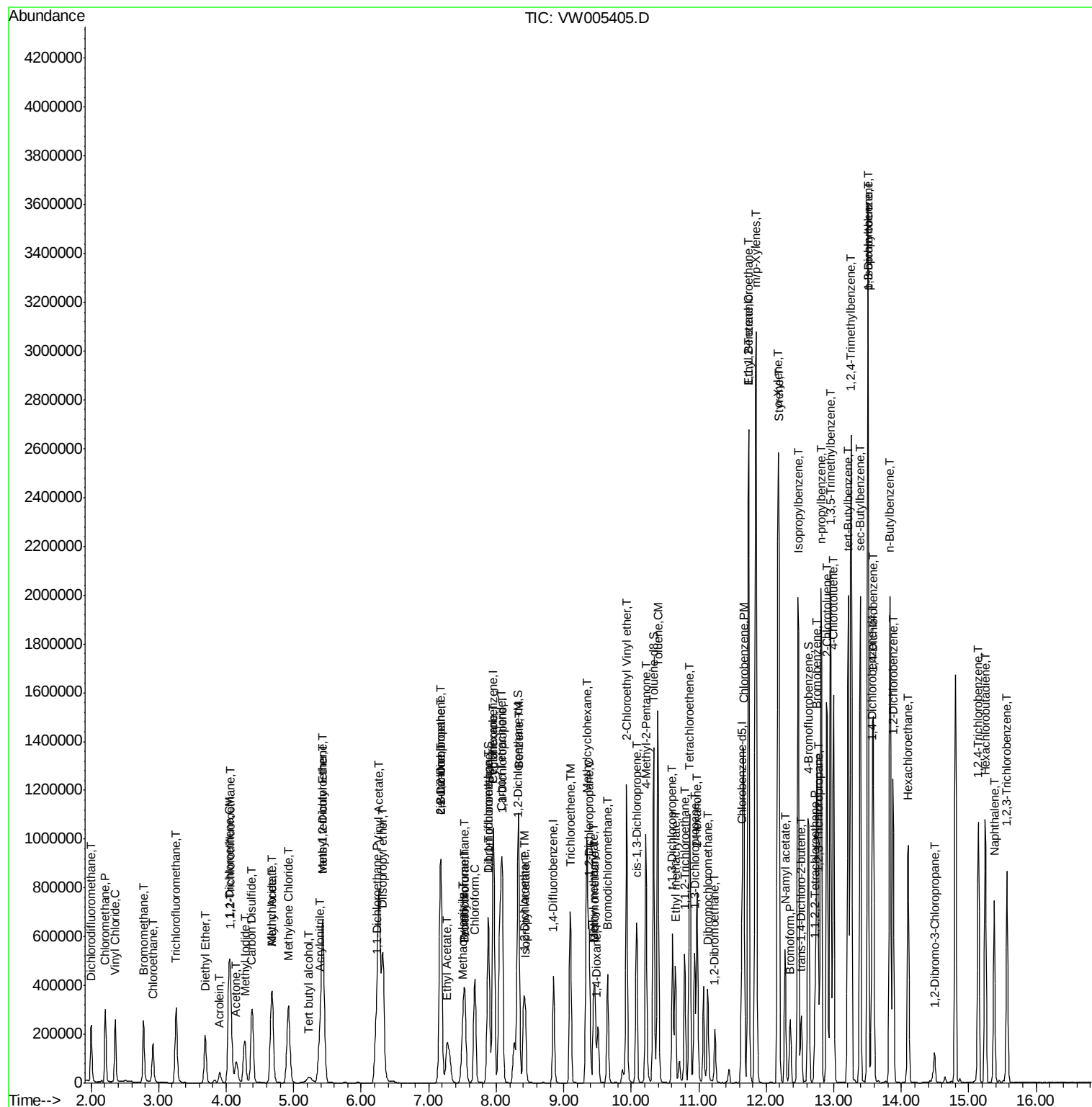
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091618\
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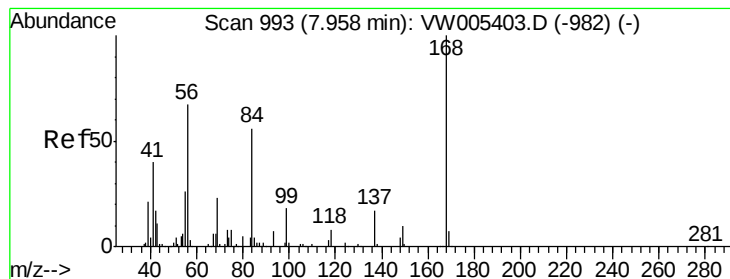
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

Tot Ion:168 Resp: 246160

Ion Ratio Lower Upper

168 100

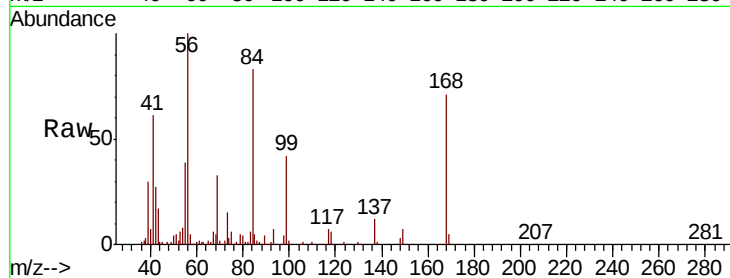
99 58.2 45.0 67.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

120000

100000

80000

60000

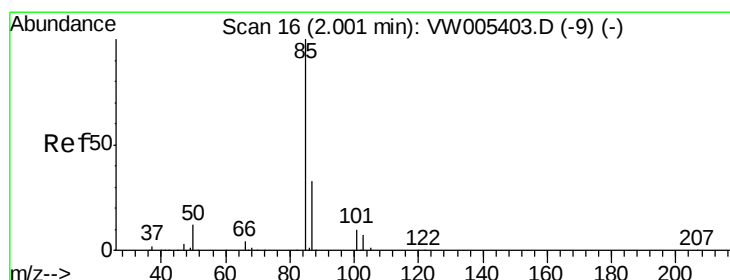
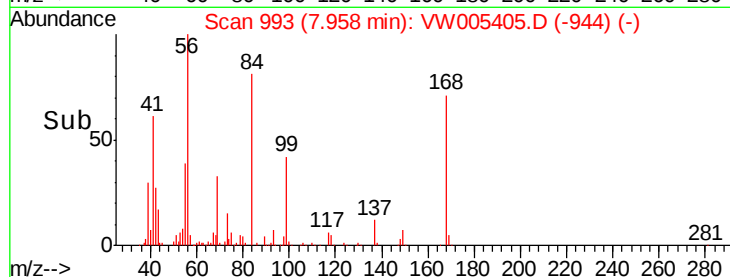
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 91.81 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW005405.D

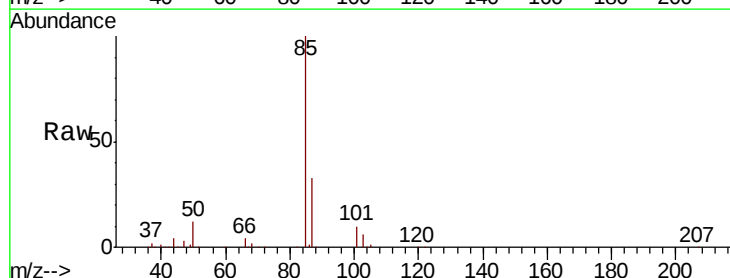
Acq: 15 Sep 2018 00:57

Tgt Ion: 85 Resp: 198295

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

150000

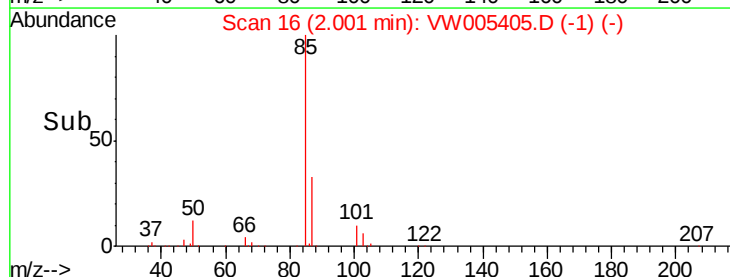
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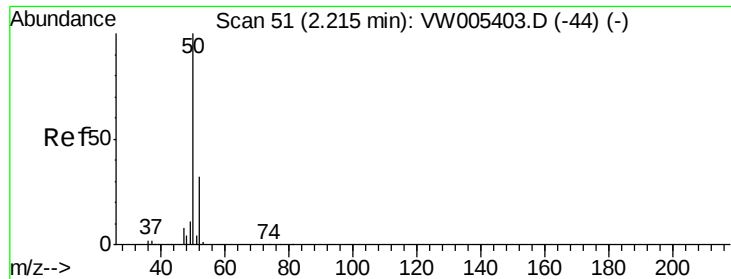
50000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 88.89 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 253109

Ion Ratio Lower Upper

50 100

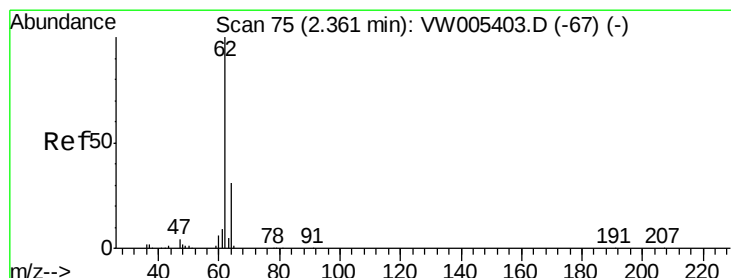
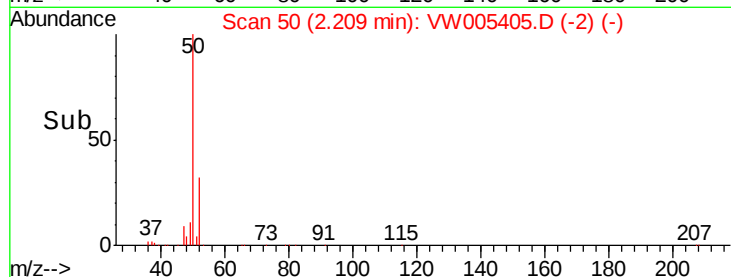
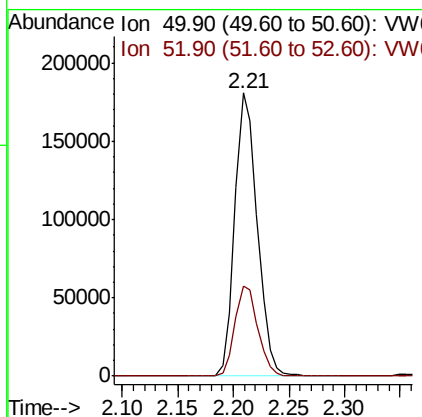
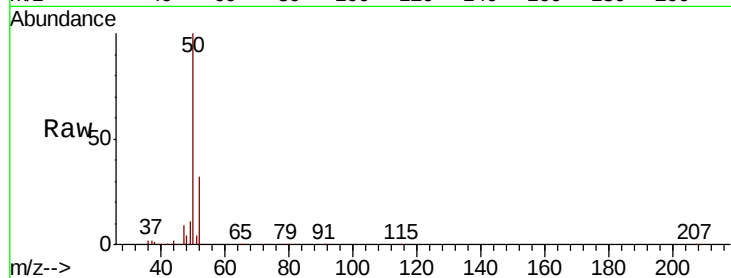
52 32.0 25.8 38.6

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#4

Vinyl Chloride

Concen: 93.80 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW005405.D

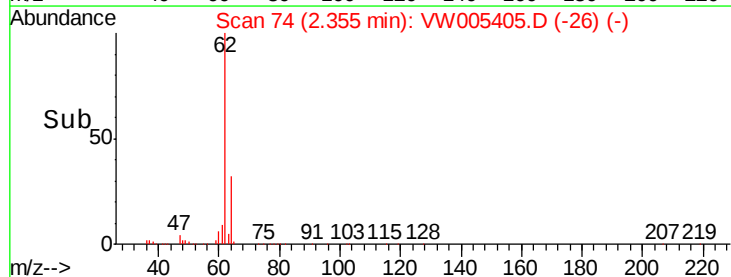
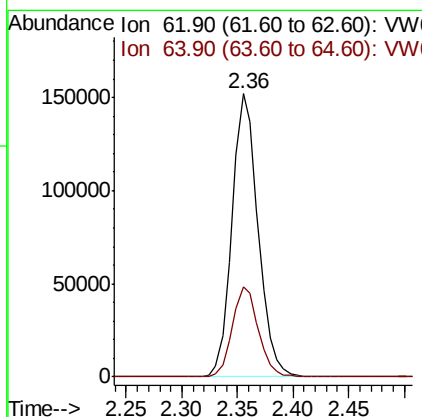
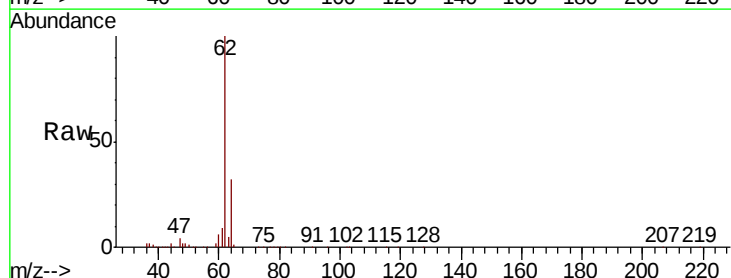
Acq: 15 Sep 2018 00:57

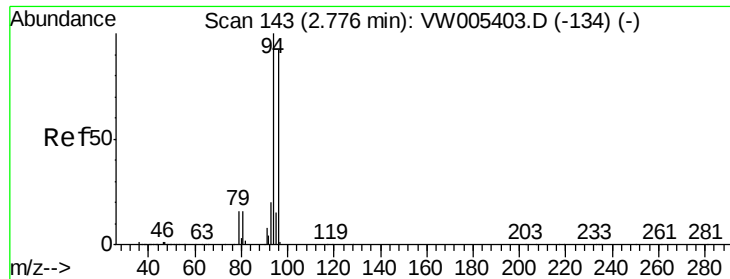
Tgt Ion: 62 Resp: 246307

Ion Ratio Lower Upper

62 100

64 31.8 24.5 36.7





#5

Bromomethane

Concen: 85.16 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

Tot Ion: 94 Resp: 152576

Ion Ratio Lower Upper

94 100

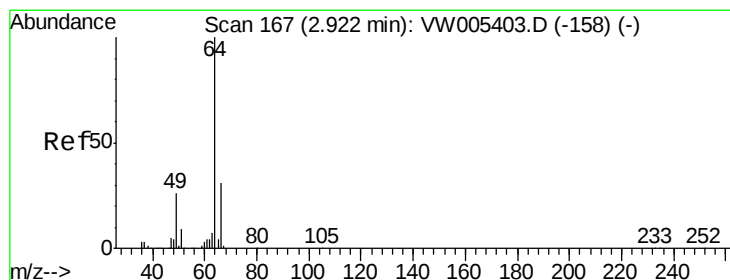
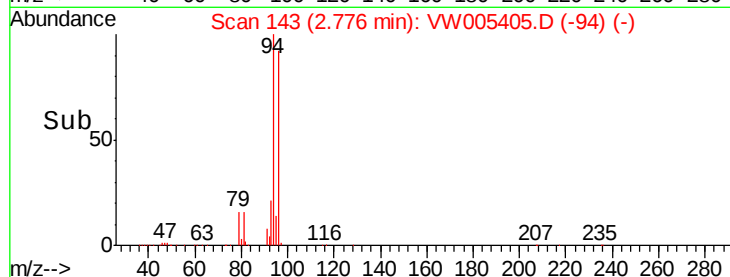
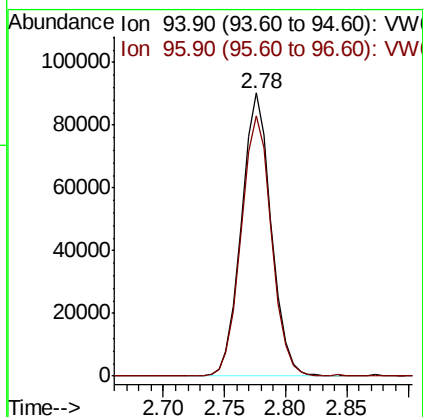
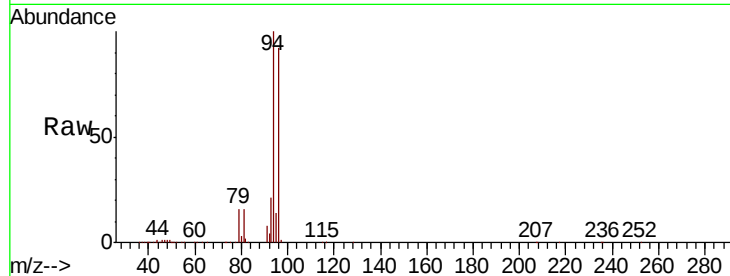
96 91.7 73.7 110.5

Manual Integrations

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#6

Chloroethane

Concen: 100.32 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW005405.D

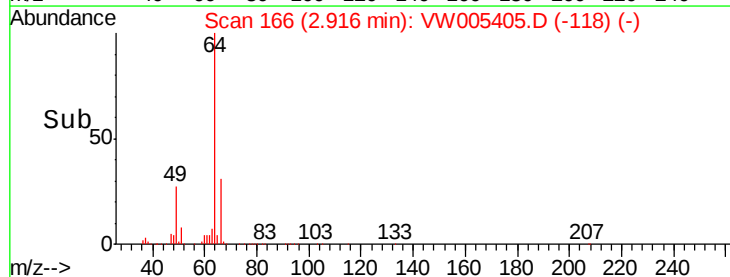
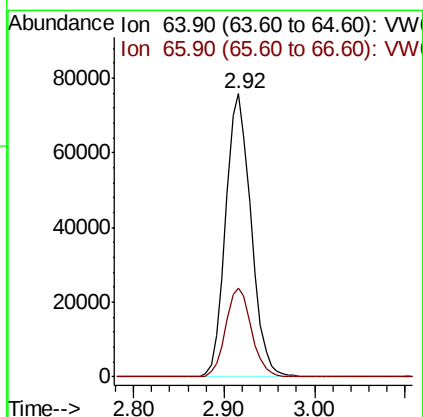
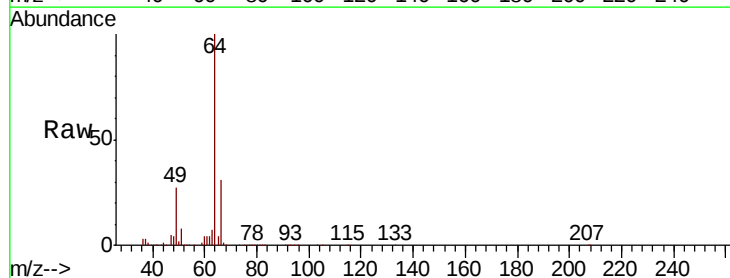
Acq: 15 Sep 2018 00:57

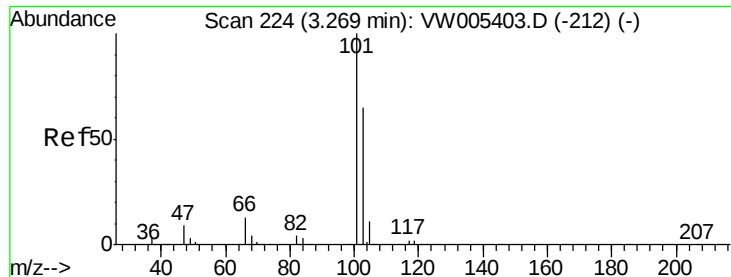
Tgt Ion: 64 Resp: 147230

Ion Ratio Lower Upper

64 100

66 31.2 25.2 37.8





#7

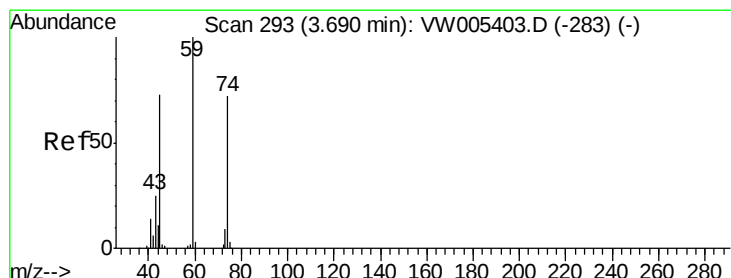
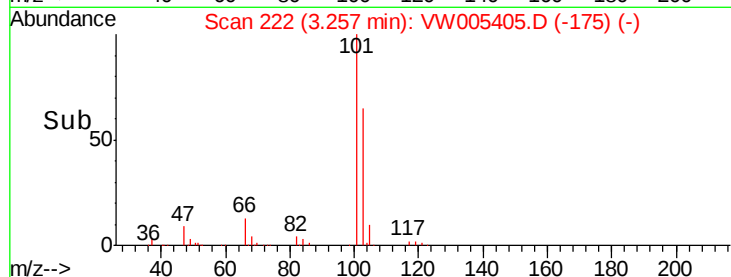
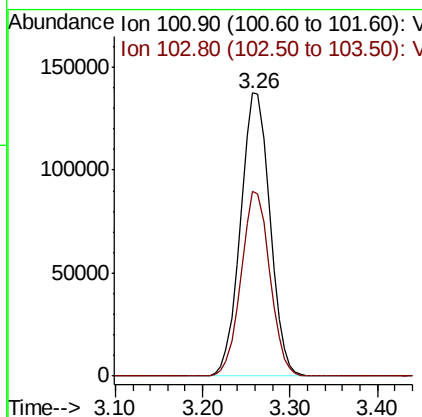
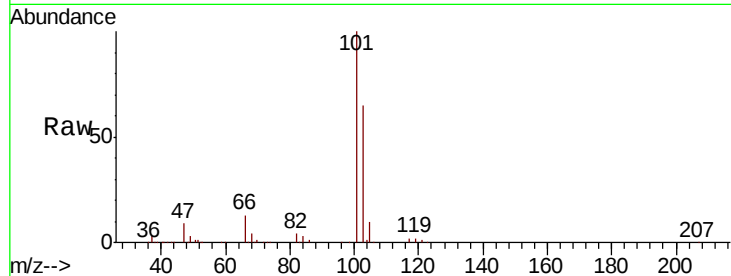
Trichlorofluoromethane
 Concen: 104.91 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW005405.D
 Acq: 15 Sep 2018 00:57

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	51.7	77.5

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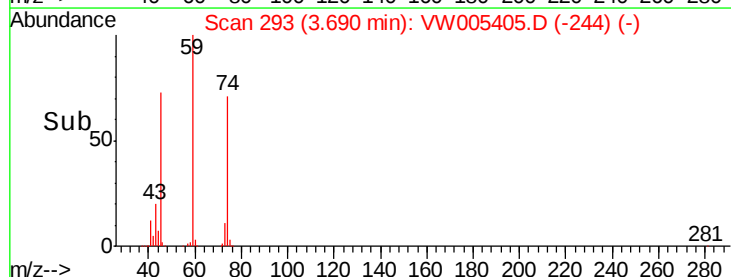
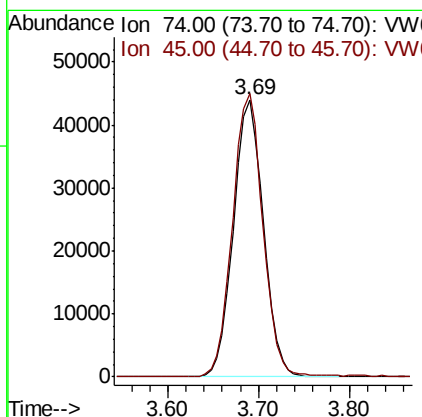
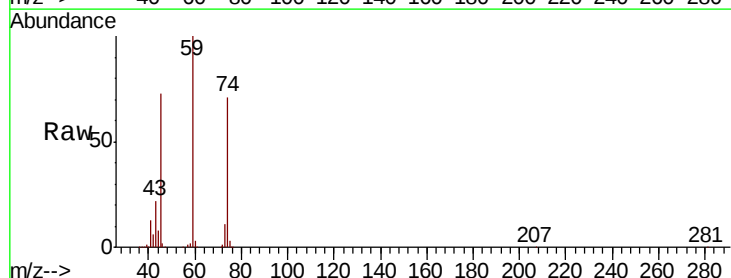
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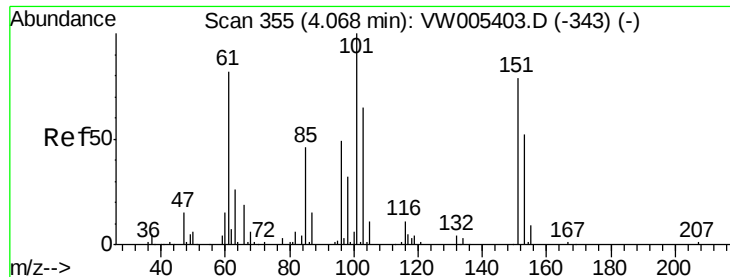


#8

Diethyl Ether
 Concen: 95.43 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VW005405.D
 Acq: 15 Sep 2018 00:57

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.5	53.1	159.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 89.10 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

Instrument :

MSVOA_W

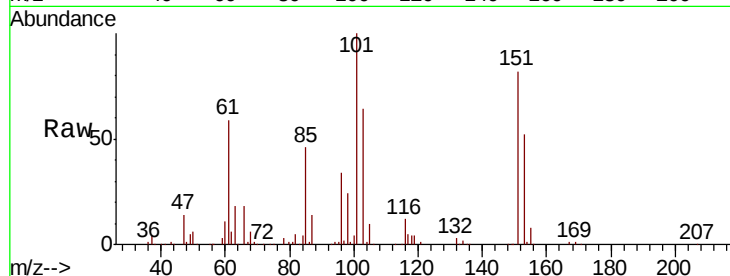
ClientSampled :

VSTDIC100

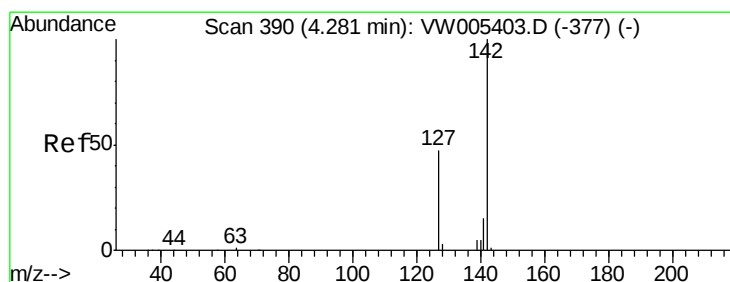
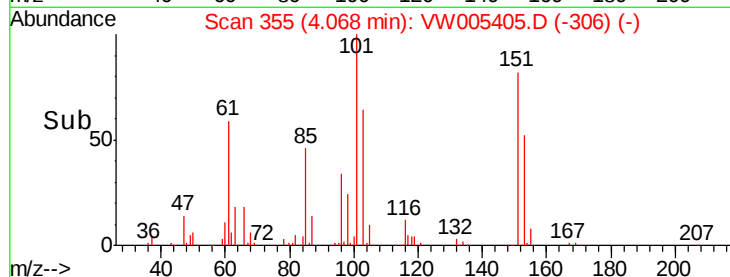
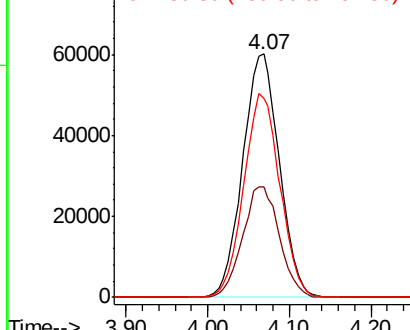
Tot Ion:	101	Resp:	187740
Ion Ratio	Lower	Upper	
101	100		
85	45.7	36.6	54.8
151	82.7	66.3	99.5

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 119.41 ug/l

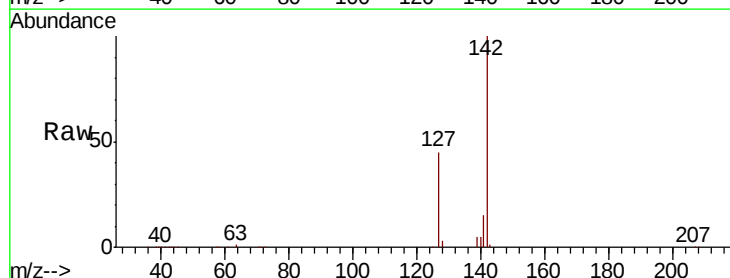
RT: 4.28 min Scan# 389

Delta R.T. -0.01 min

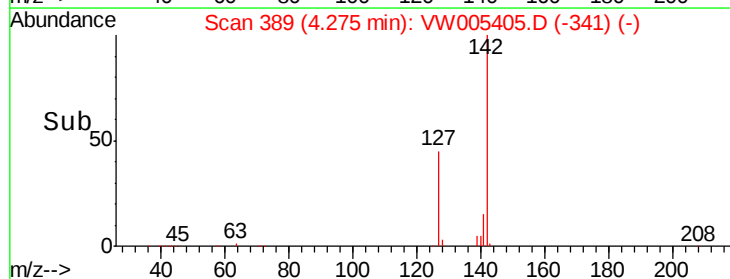
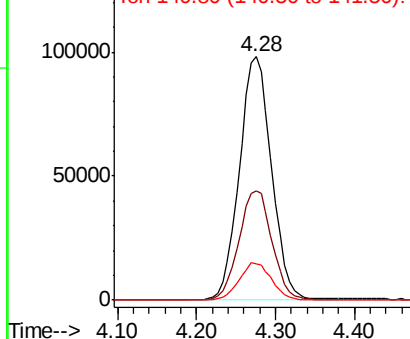
Lab File: VW005405.D

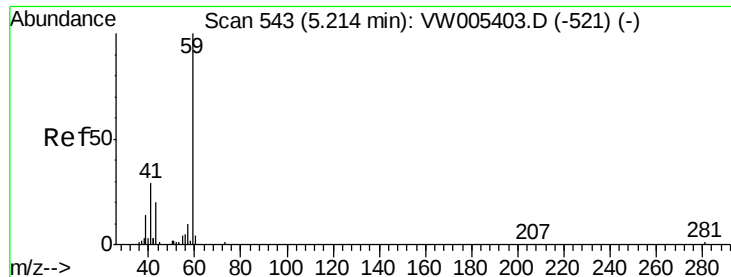
Acq: 15 Sep 2018 00:57

Tgt Ion:	142	Resp:	278649
Ion Ratio	Lower	Upper	
142	100		
127	46.1	37.5	56.3
141	15.2	12.4	18.6



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

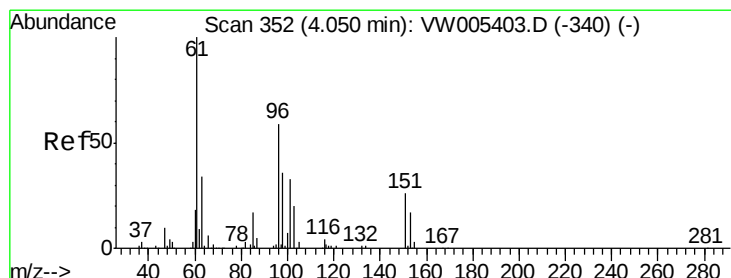
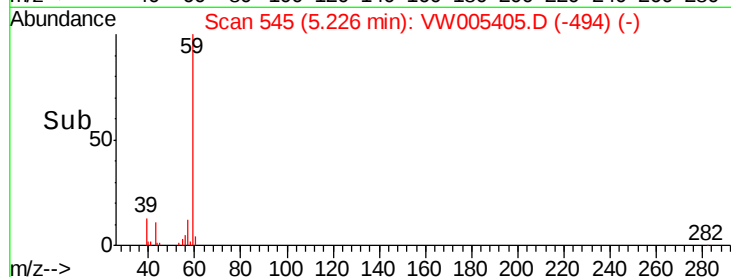
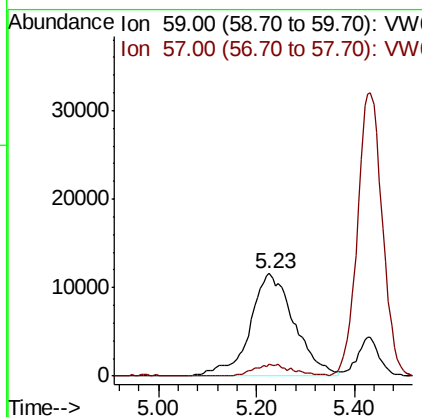
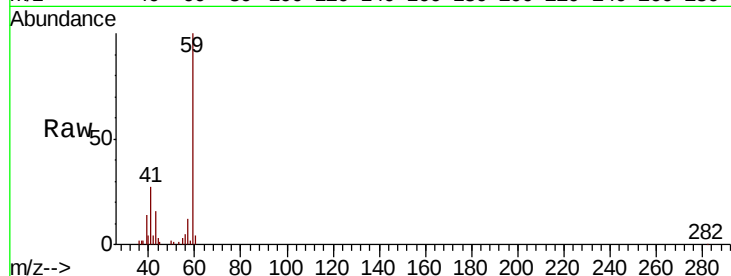
Tert butyl alcohol
Concen: 479.40 ug/l
RT: 5.23 min Scan# 545
Delta R.T. 0.01 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.6	13.0

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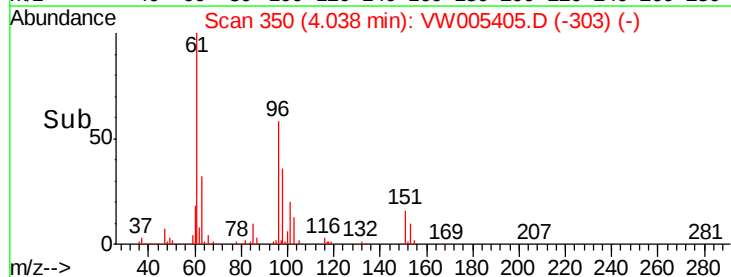
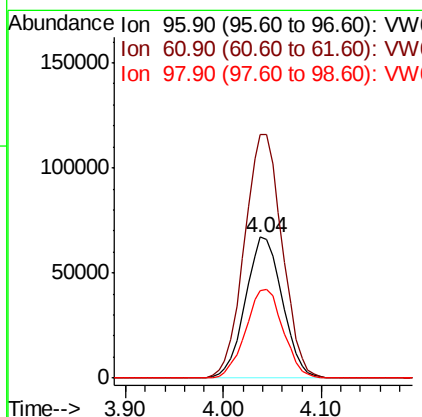
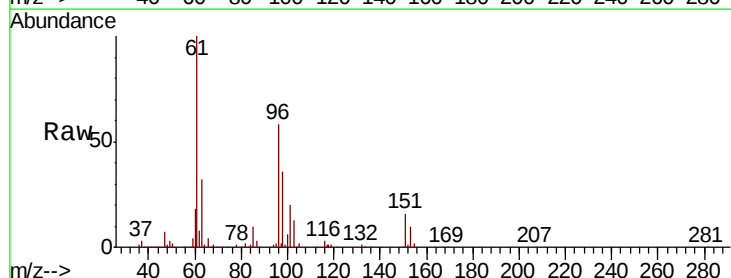
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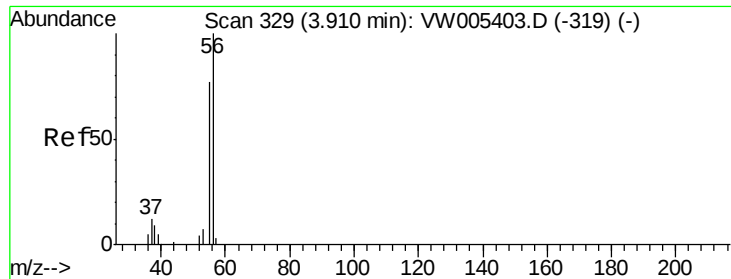


#12

1,1-Dichloroethene
Concen: 91.30 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

Tgt Ion	Ratio	Lower	Upper
96	100		
61	172.9	135.7	203.5
98	62.0	48.6	73.0





#13

Acrolein

Concen: 356.03 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.01 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 49871

Ion Ratio Lower Upper

56 100

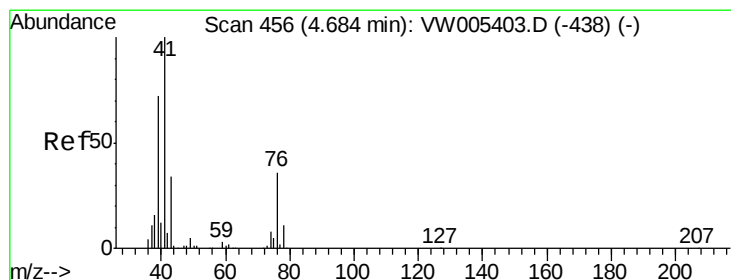
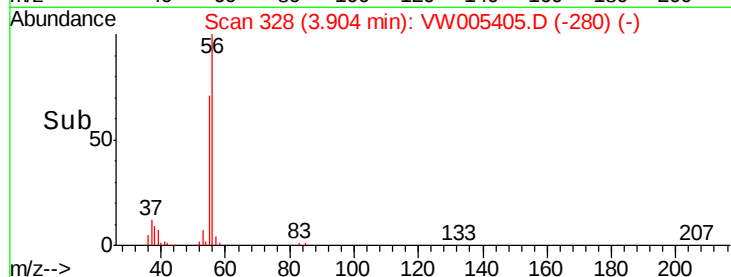
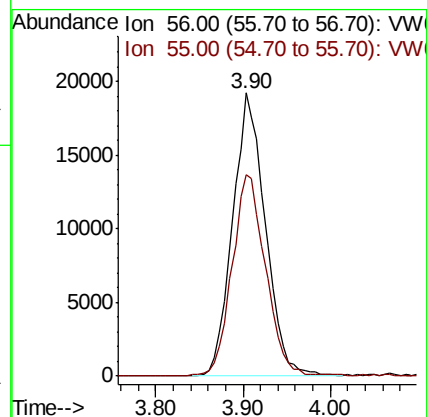
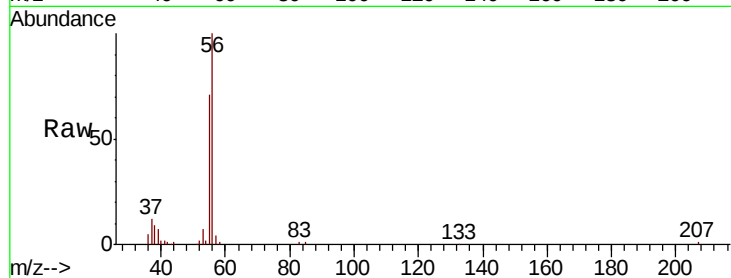
55 72.8 59.8 89.8

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#14

Allyl chloride

Concen: 111.20 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

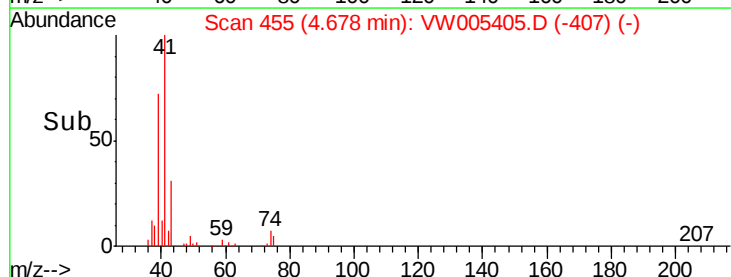
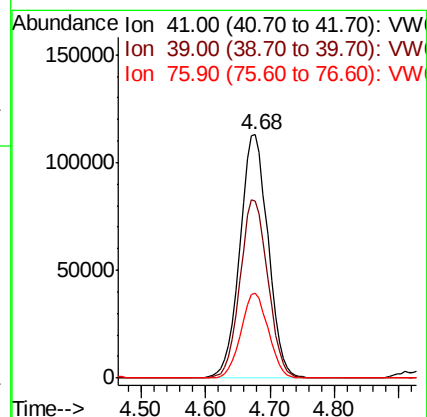
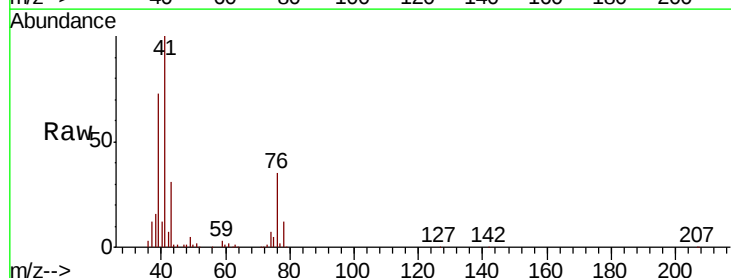
Tgt Ion: 41 Resp: 342410

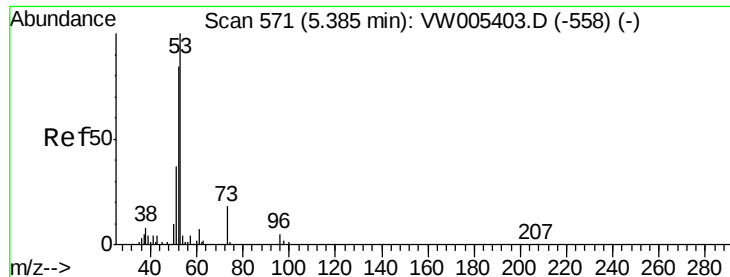
Ion Ratio Lower Upper

41 100

39 72.4 58.6 88.0

76 34.0 27.4 41.0





#15

Acrylonitrile

Concen: 483.66 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.00 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

Instrument :

MSVOA_W

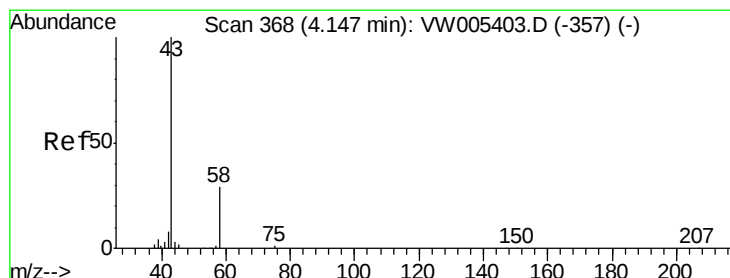
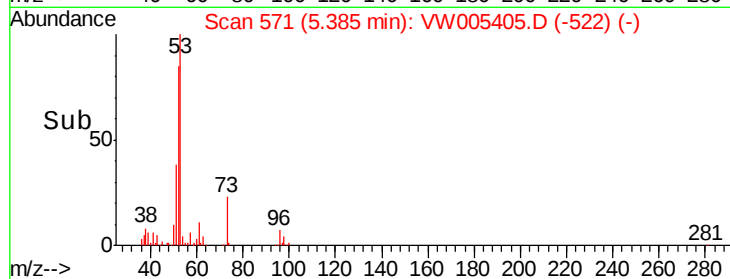
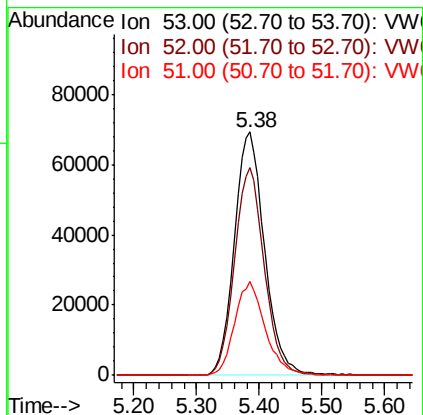
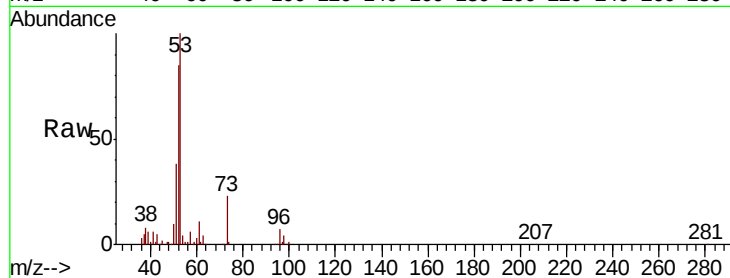
ClientSampled :

VSTDIC100

Tot Ion:	53	Resp:	230817
Ion Ratio		Lower	Upper
53	100		
52	83.6	66.6	99.8
51	38.8	31.1	46.7

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#16

Acetone

Concen: 507.26 ug/l

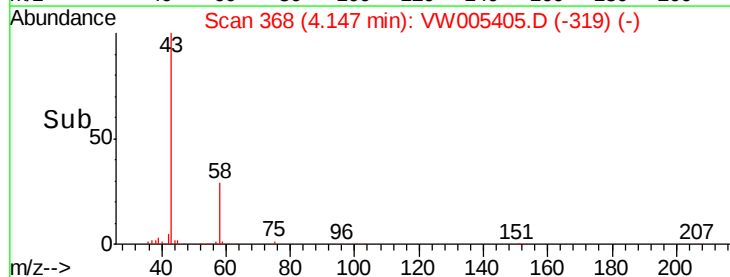
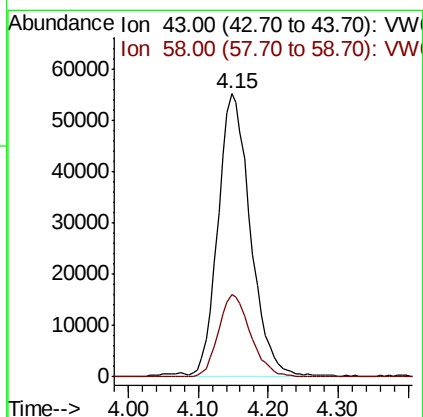
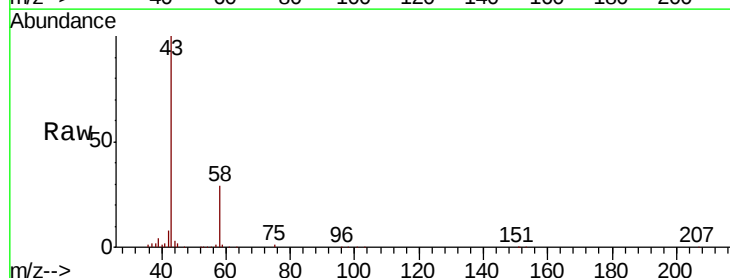
RT: 4.15 min Scan# 368

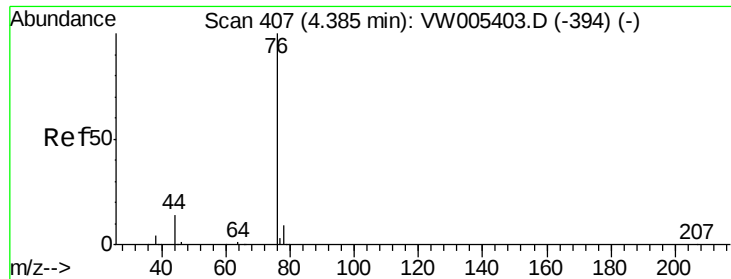
Delta R.T. 0.00 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

Tgt Ion:	43	Resp:	177339
Ion Ratio		Lower	Upper
43	100		
58	29.0	22.8	34.2





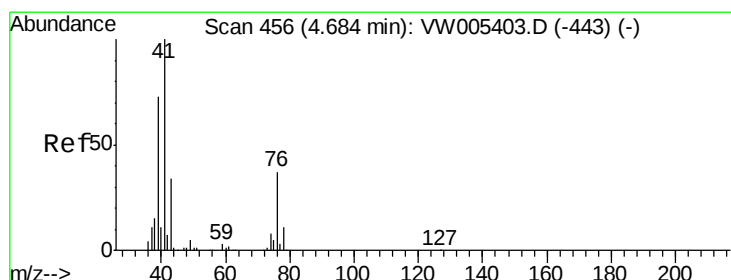
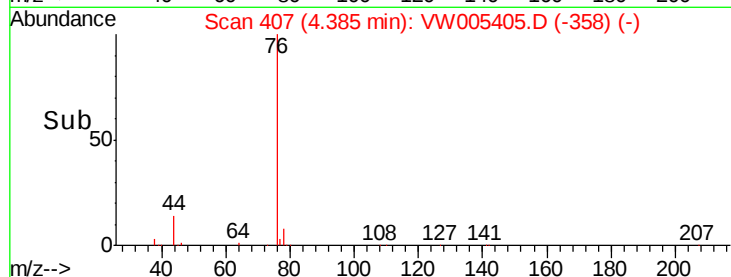
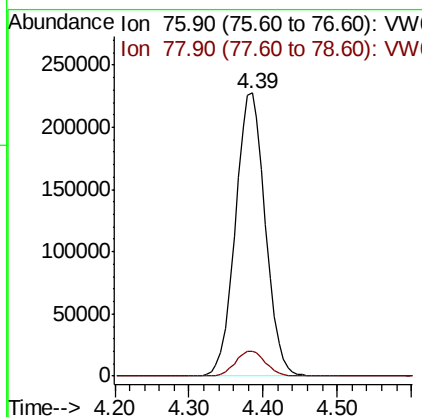
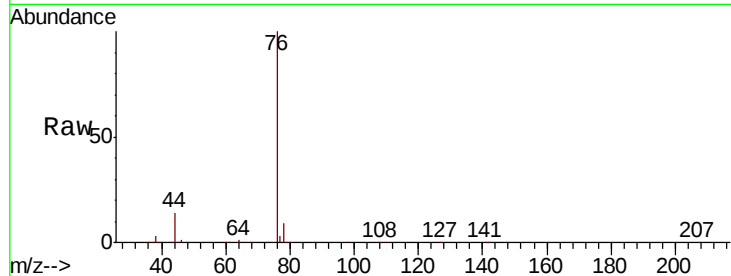
#17
Carbon Disulfide
Concen: 94.22 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.0

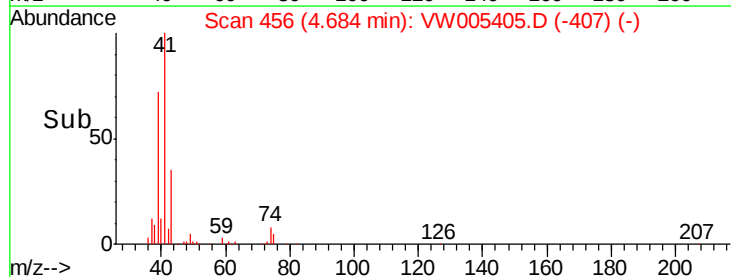
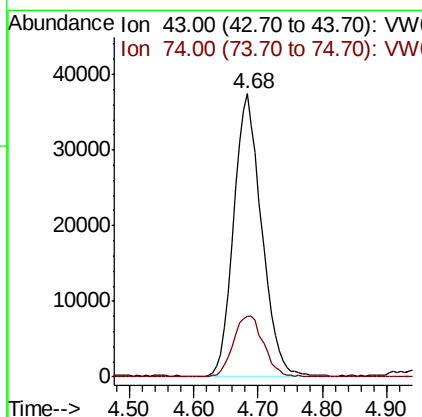
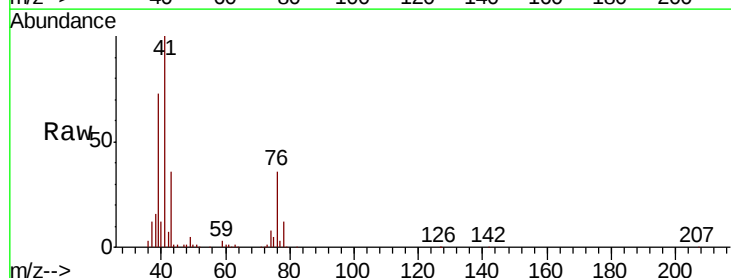
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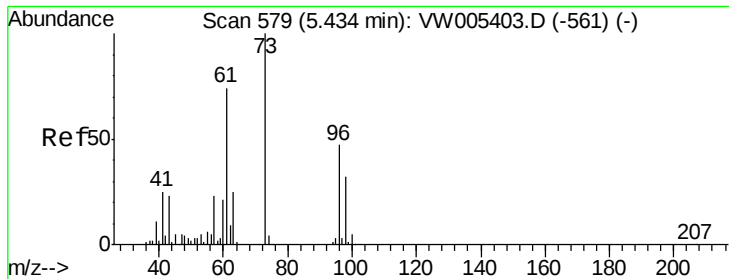
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#18
Methyl Acetate
Concen: 106.55 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.00 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.3	17.7	26.5





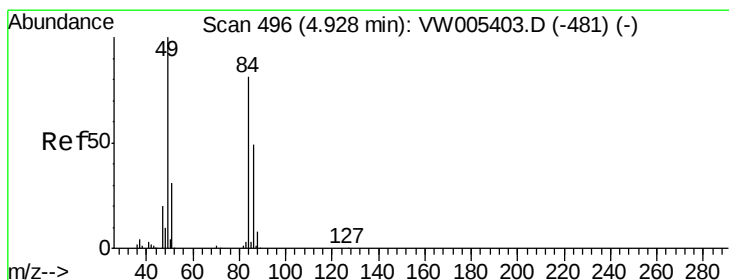
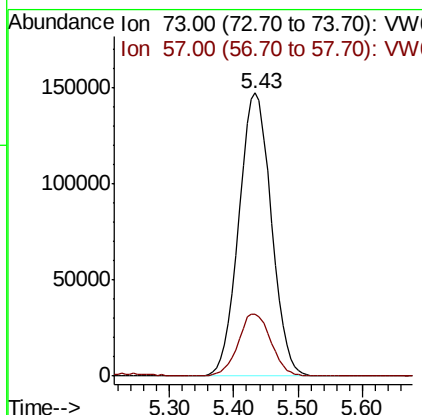
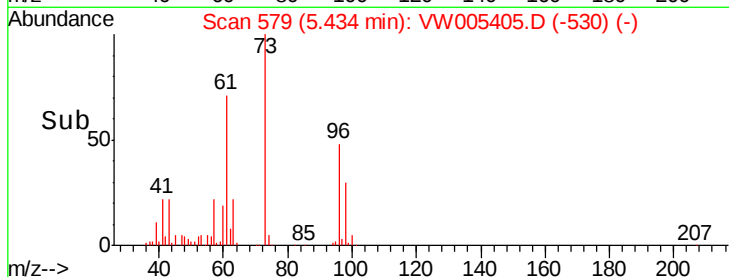
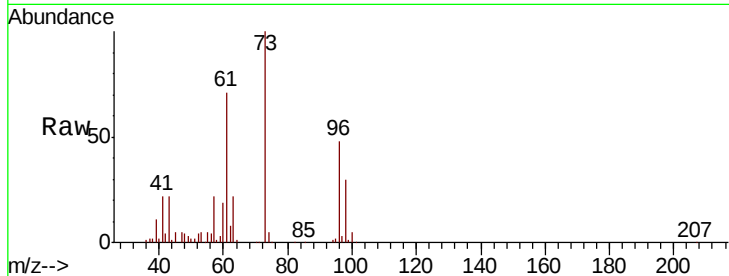
#19
Methvl tert-butvl Ether
Concen: 108.04 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion: 73 Resp: 511538
Ion Ratio Lower Upper
73 100
57 21.7 18.6 28.0

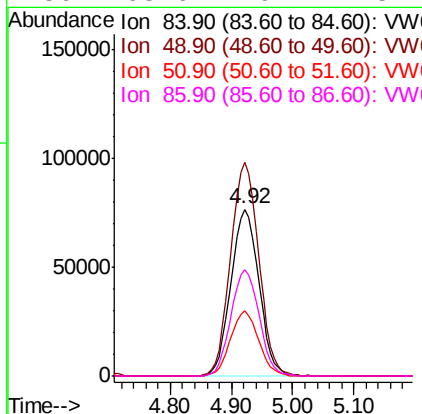
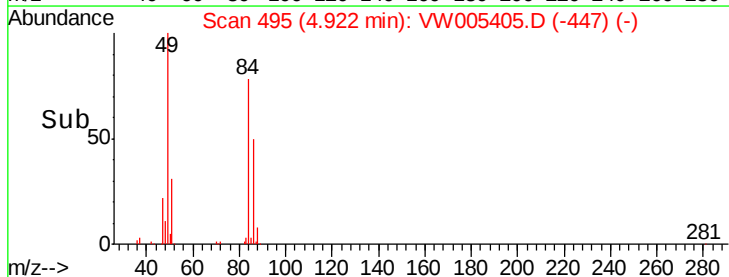
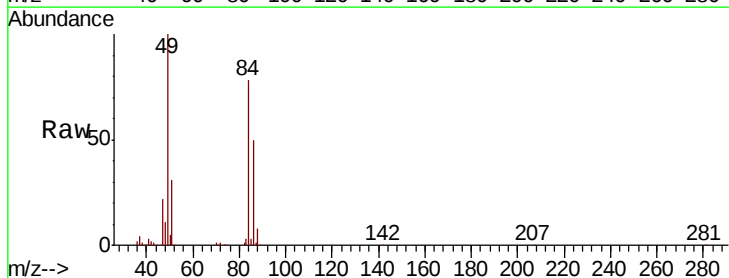
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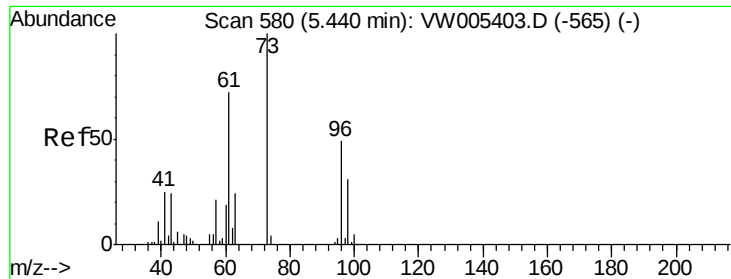
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#20
Methylene Chloride
Concen: 82.96 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.01 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

Tgt Ion: 84 Resp: 241607
Ion Ratio Lower Upper
84 100
49 128.1 99.3 148.9
51 39.3 31.1 46.7
86 63.6 49.1 73.7





#21

trans-1,2-Dichloroethene

Concen: 93.18 ug/l

RT: 5.43 min Scan# 579

Delta R.T. -0.01 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

Instrument :

MSVOA_W

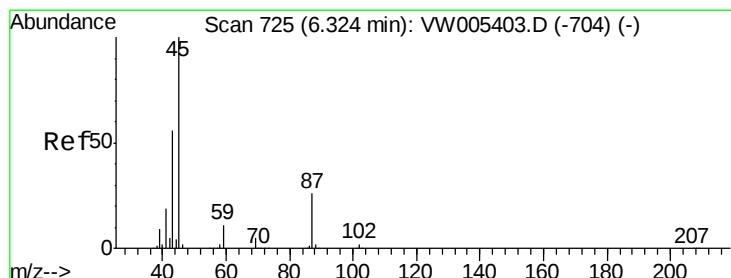
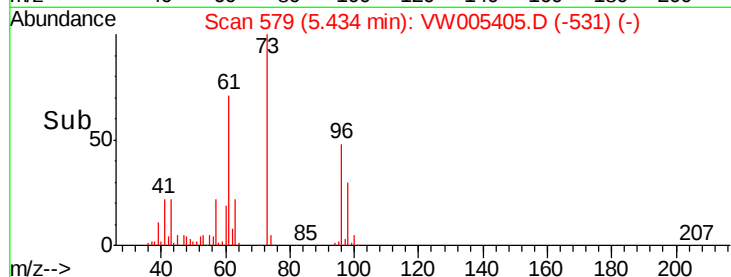
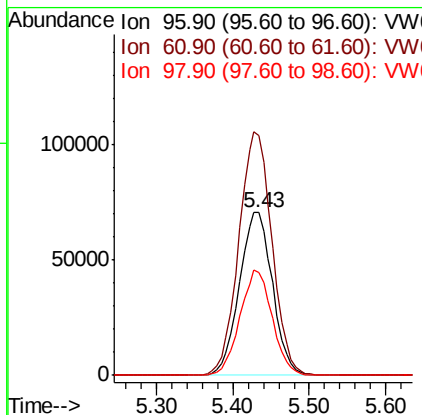
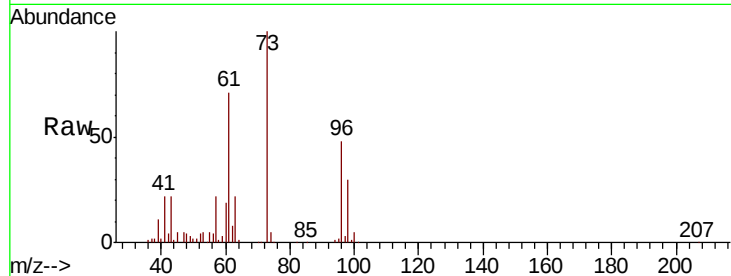
ClientSampled :

VSTDIC100

Tot Ion:	96	Resp:	211577
Ion	Ratio	Lower	Upper
96	100		
61	147.5	116.7	175.1
98	62.7	51.0	76.6

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#22

Diisopropyl ether

Concen: 110.81 ug/l

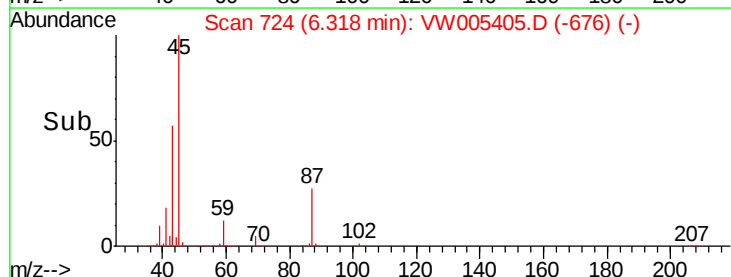
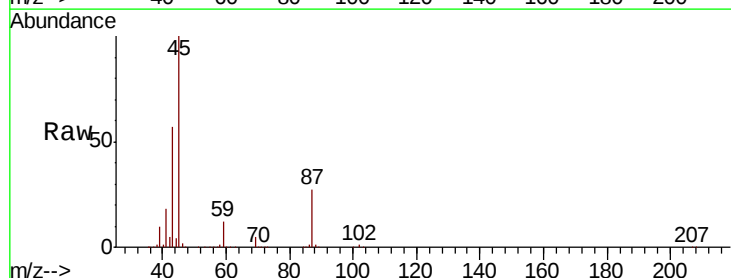
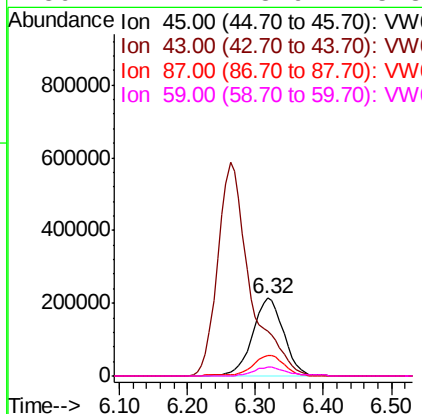
RT: 6.32 min Scan# 724

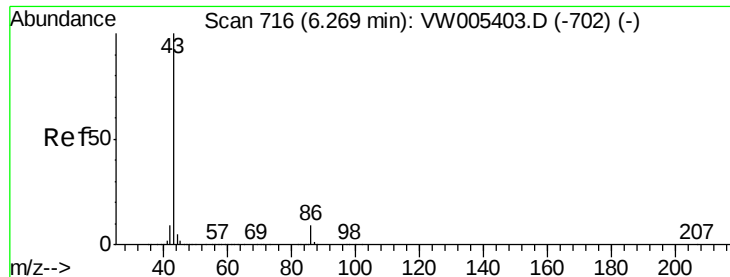
Delta R.T. -0.01 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

Tgt Ion:	45	Resp:	687932
Ion	Ratio	Lower	Upper
45	100		
43	56.2	44.6	67.0
87	26.5	20.6	31.0
59	11.4	8.9	13.3





#23

Vinyl Acetate

Concen: 558.13 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.01 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

Tot Ion: 43 Resp: 1937633

Ion Ratio Lower Upper

43 100

86 9.4 7.5 11.3

Instrument :

MSVOA_W

ClientSampled :

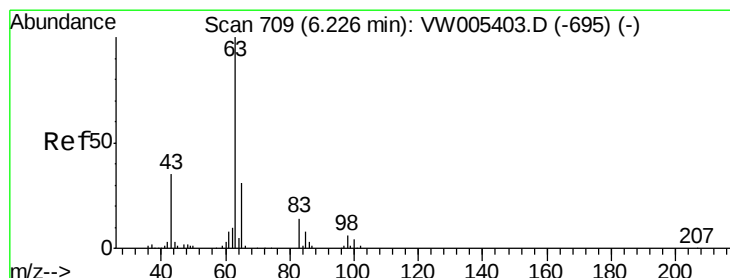
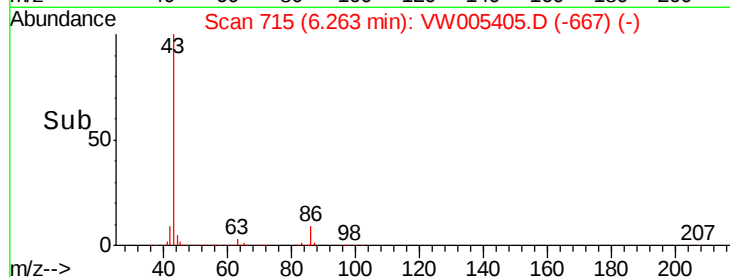
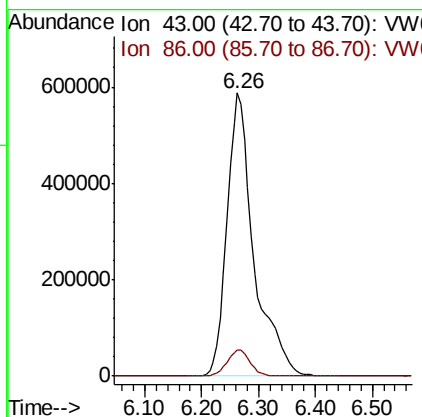
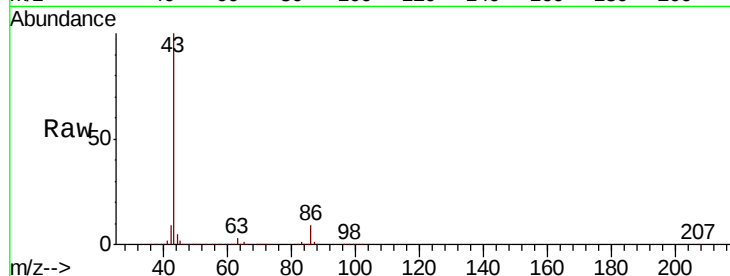
VSTDIC100

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#24

1,1-Dichloroethane

Concen: 103.42 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.01 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

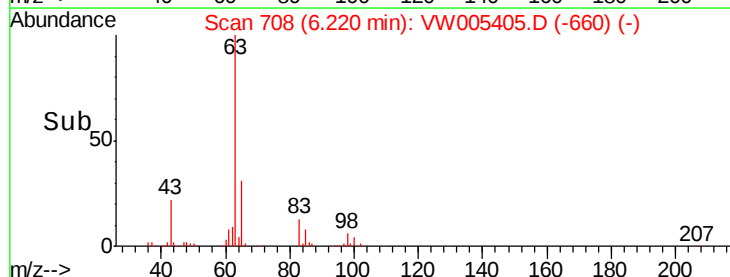
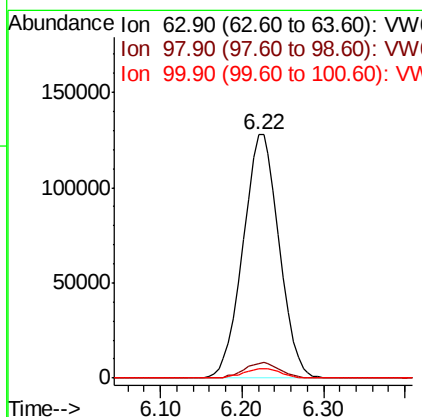
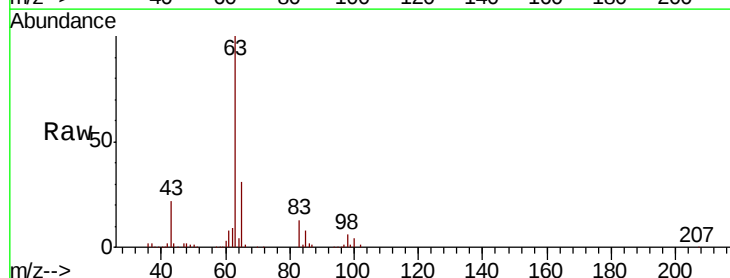
Tgt Ion: 63 Resp: 392956

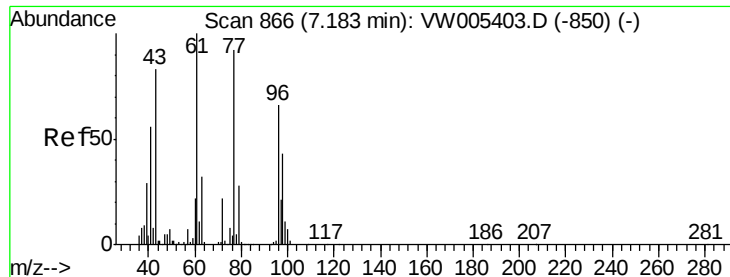
Ion Ratio Lower Upper

63 100

98 6.1 2.9 8.8

100 3.7 2.3 6.8





#25

2-Butanone

Concen: 492.21 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

Tot Ion: 43 Resp: 271904

Ion Ratio Lower Upper

43 100

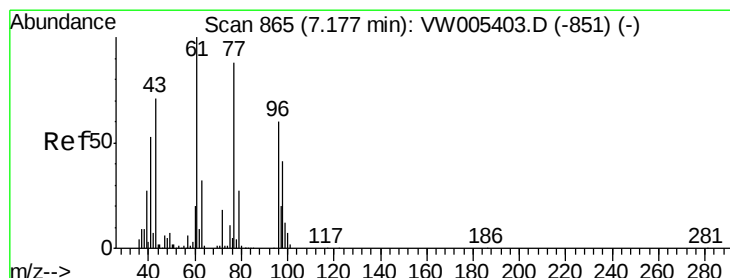
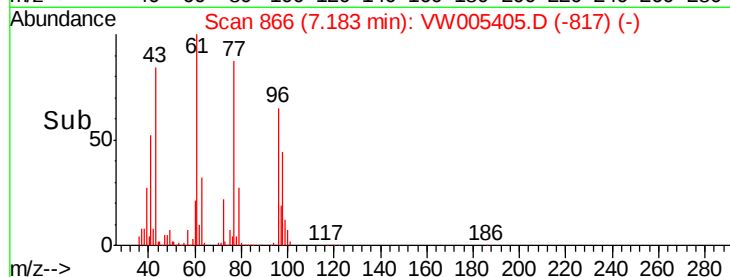
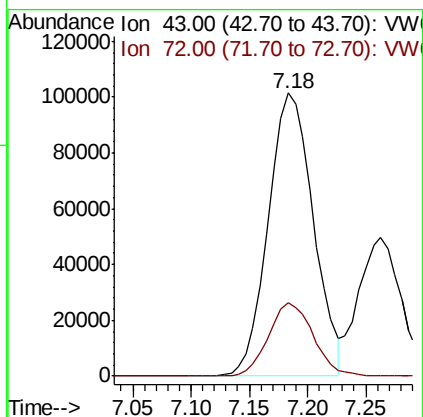
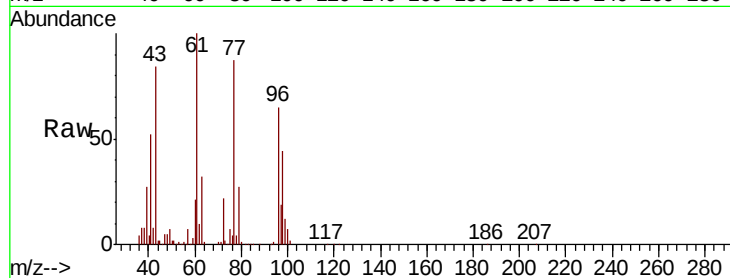
72 25.9 21.1 31.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 101.89 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW005405.D

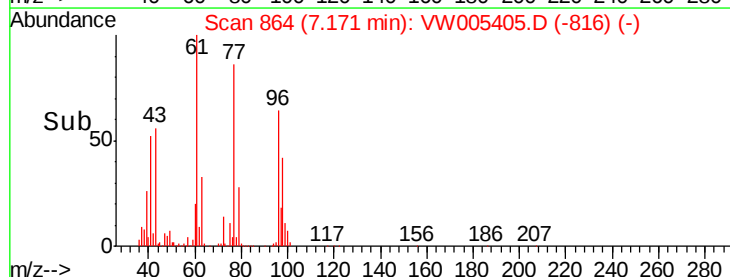
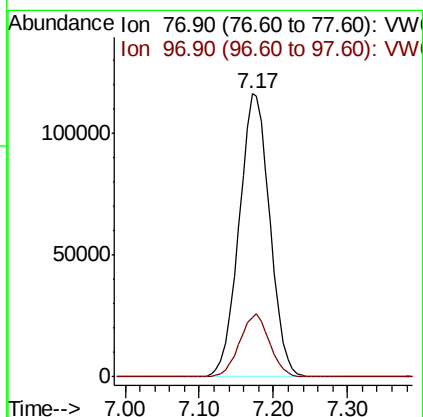
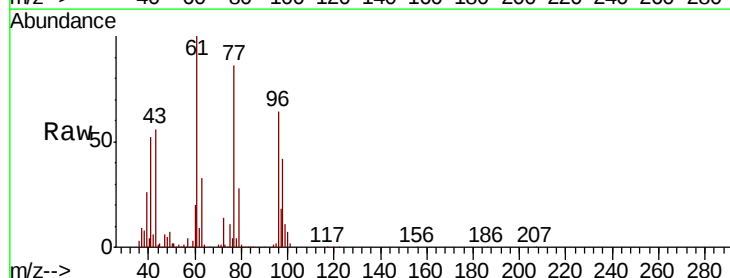
Acq: 15 Sep 2018 00:57

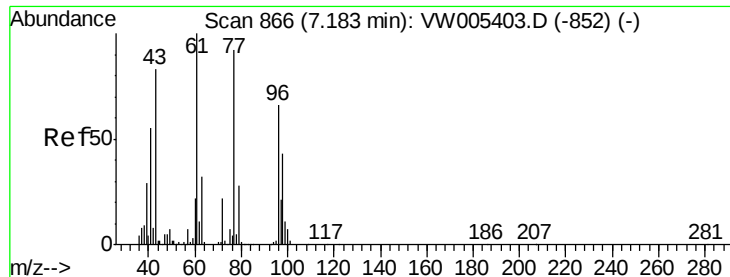
Tgt Ion: 77 Resp: 336249

Ion Ratio Lower Upper

77 100

97 21.8 10.7 32.1





#27

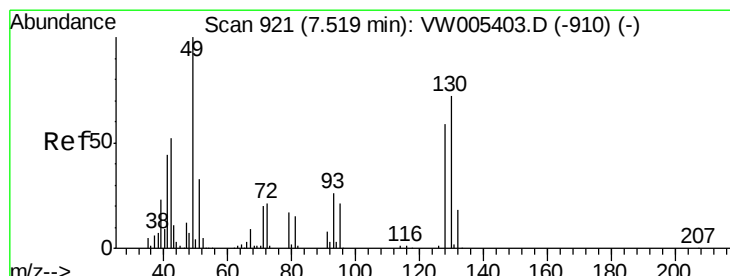
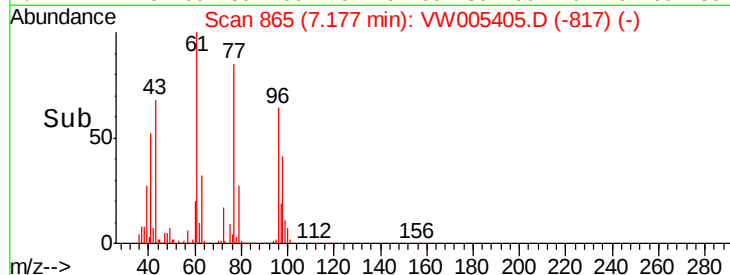
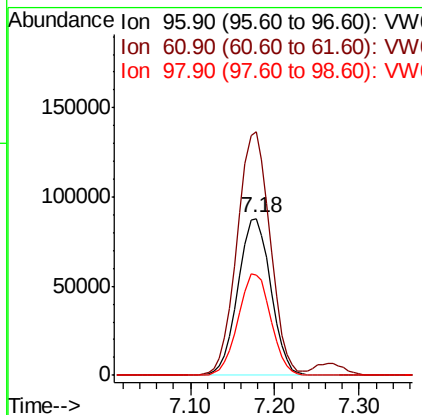
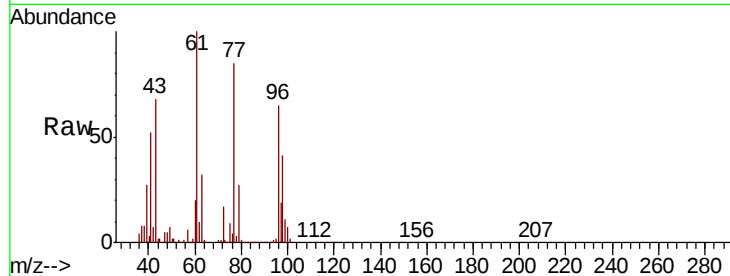
cis-1,2-Dichloroethene
 Concen: 95.29 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.01 min
 Lab File: VW005405.D
 Acq: 15 Sep 2018 00:57

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
96	100	232339		
61	156.3	0.0	316.0	
98	64.6	0.0	130.8	

Manual Integrations
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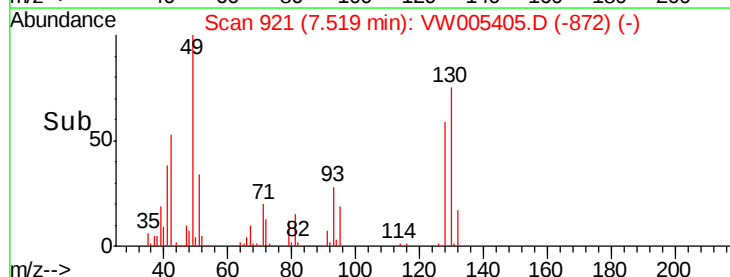
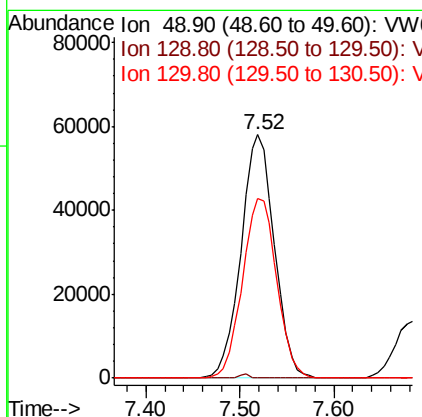
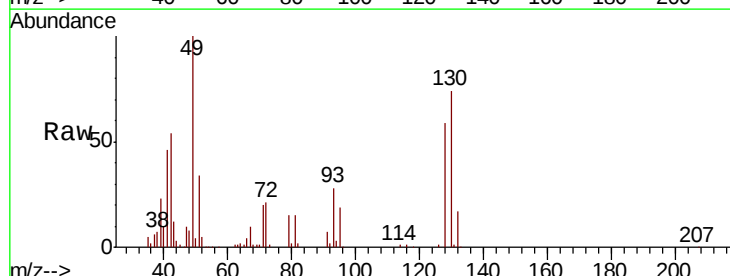
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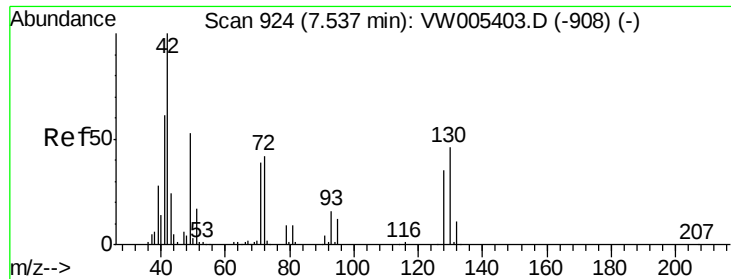


#28

Bromochloromethane
 Concen: 102.69 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VW005405.D
 Acq: 15 Sep 2018 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	143550		
129	0.5	0.0	1.0	
130	76.0	61.4	92.2	





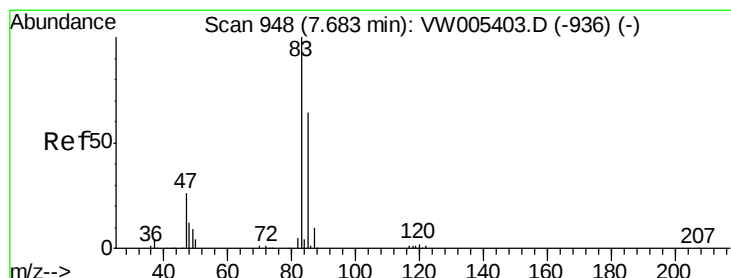
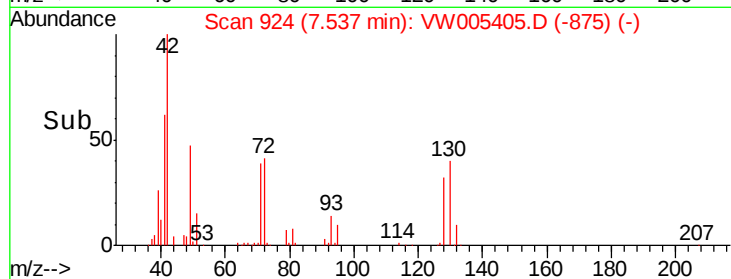
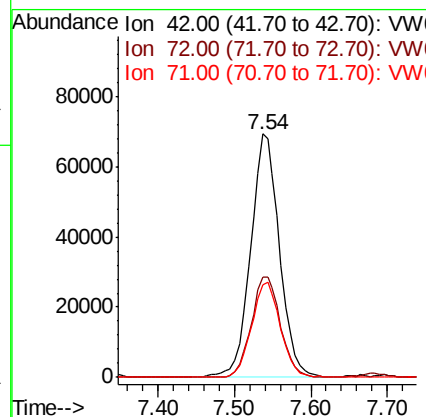
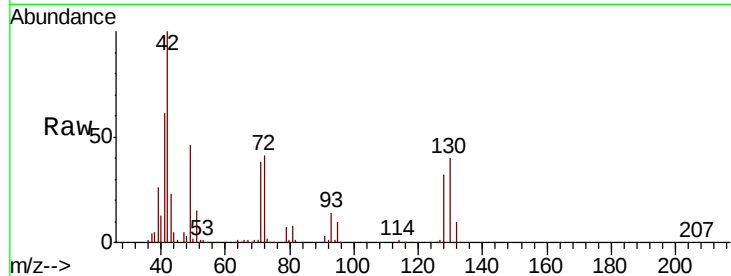
#29
Tetrahydrofuran
Concen: 492.54 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.8	33.2	49.8
71	39.1	31.0	46.6

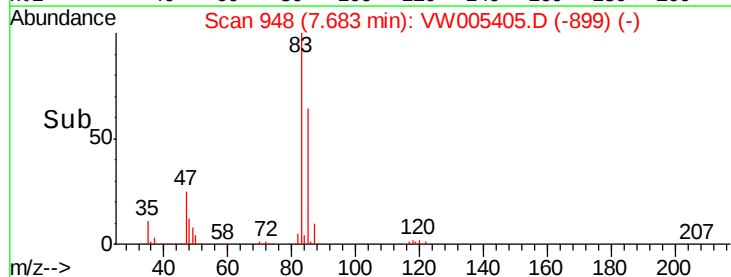
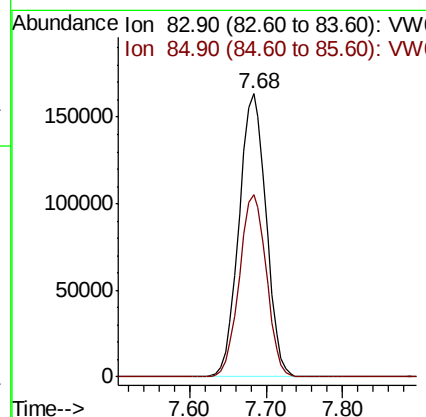
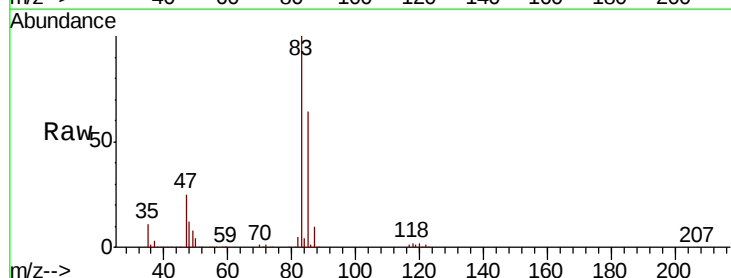
Manual Integrations
APPROVED

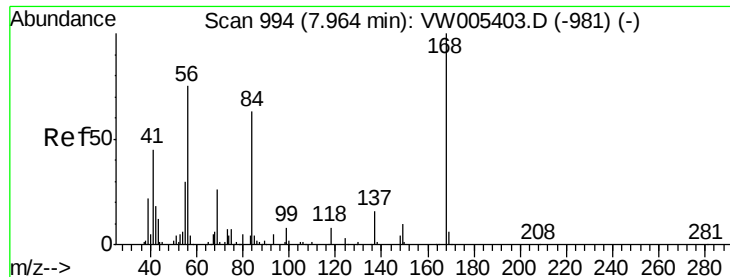
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#30
Chloroform
Concen: 105.04 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.00 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.5	77.3





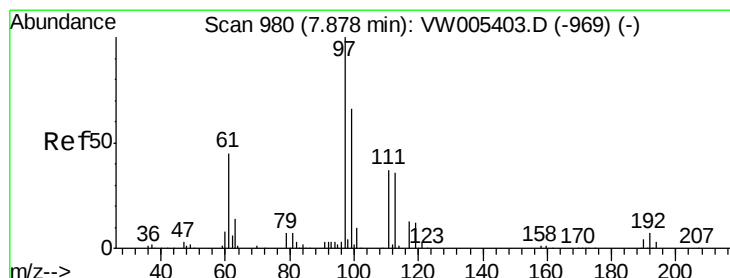
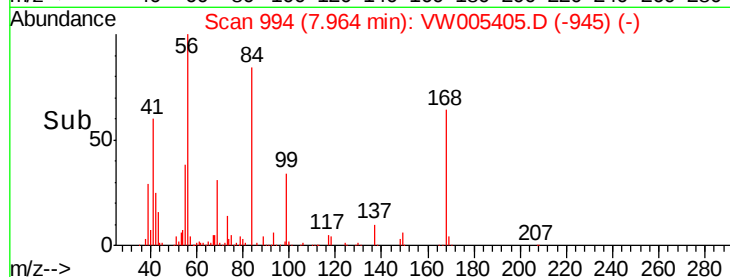
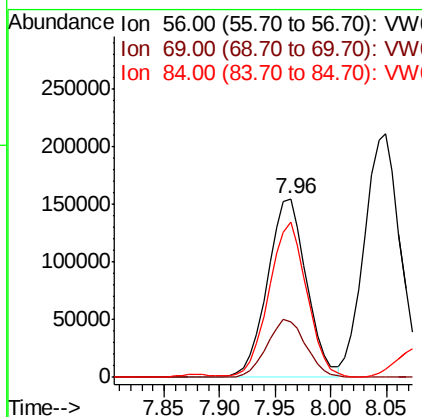
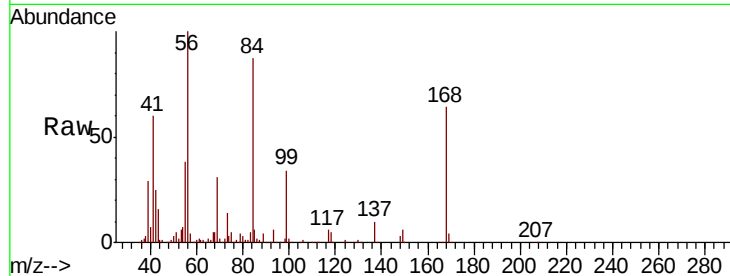
#31
Cyclohexane
Concen: 96.51 ug/l
RT: 7.96 min Scan# 994
Delta R.T. 0.00 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.4	27.2	40.8
84	85.4	66.7	100.1

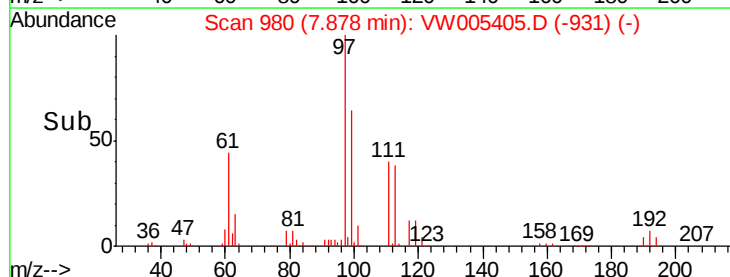
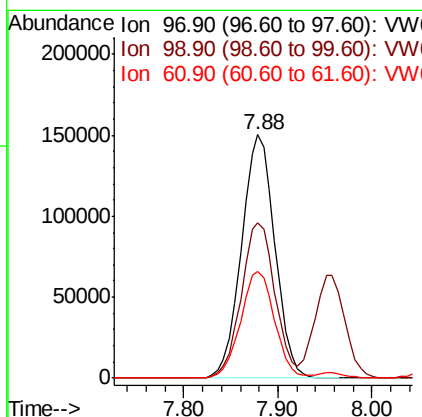
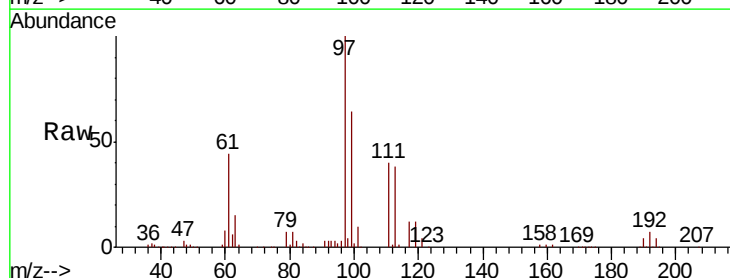
Manual Integrations
APPROVED

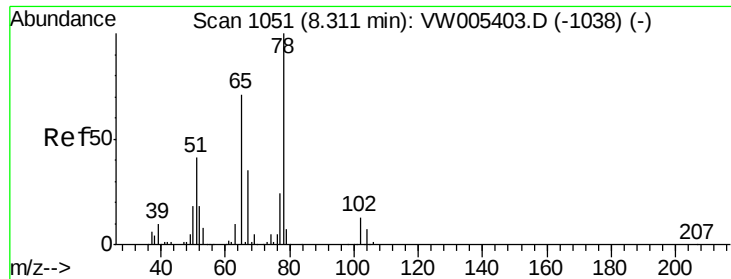
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#32
1,1,1-Trichloroethane
Concen: 107.32 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.5	77.3
61	44.7	35.8	53.6





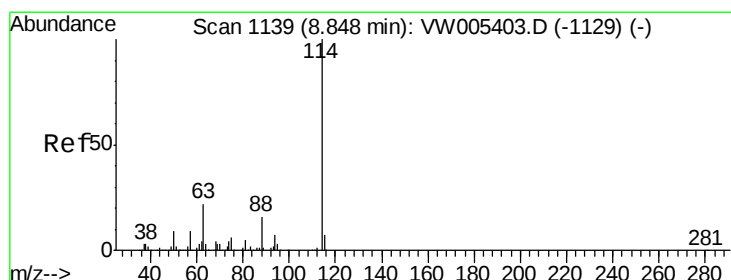
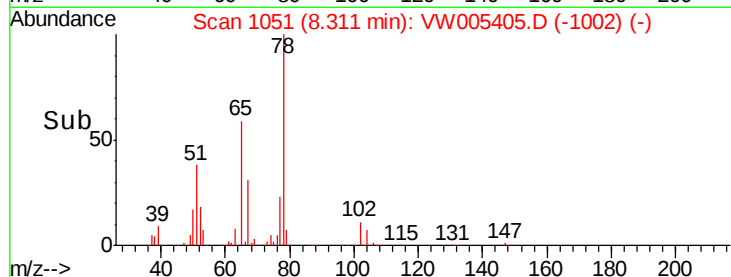
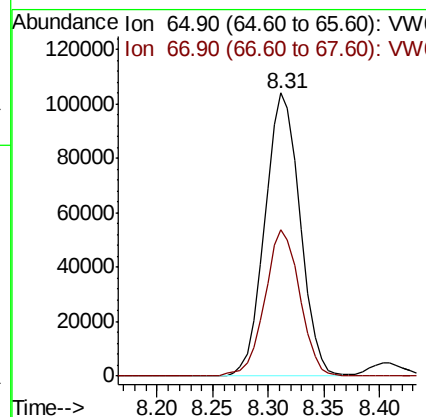
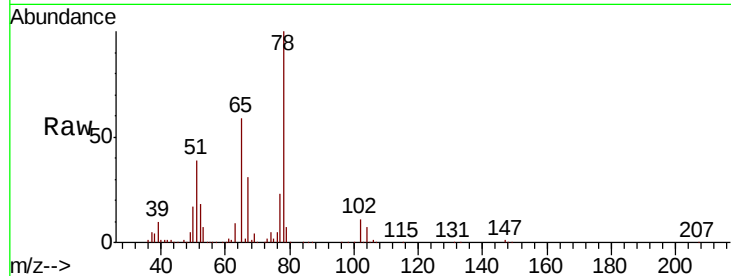
#33
 1,2-Dichloroethane-d4
 Concen: 118.07 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW005405.D
 Acq: 15 Sep 2018 00:57

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
65	100	228765		
67	51.5	0.0	100.6	

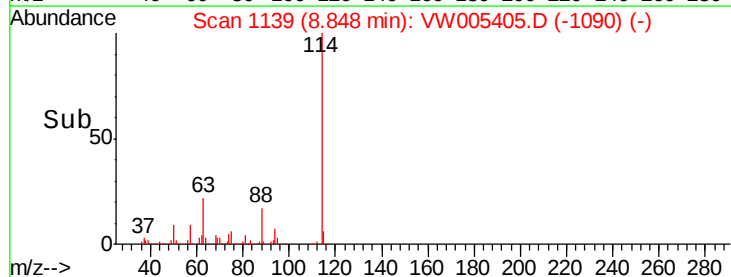
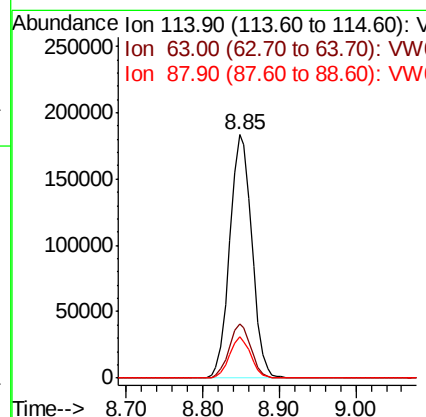
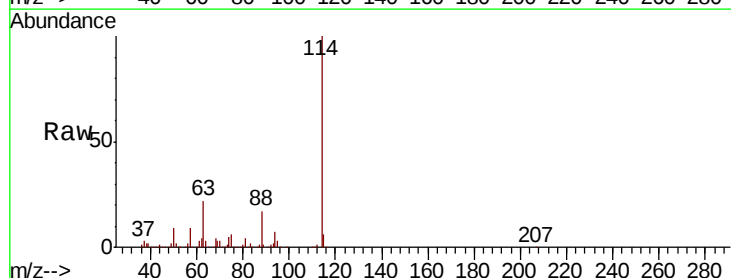
Manual Integrations
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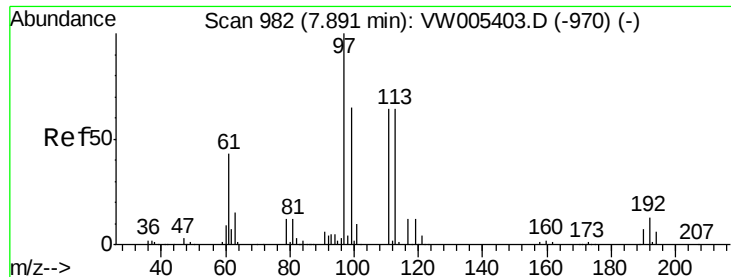
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005405.D
 Acq: 15 Sep 2018 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	366353		
63	22.5	0.0	43.4	
88	16.8	0.0	31.8	





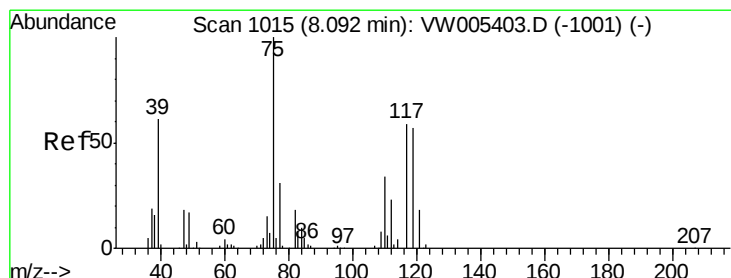
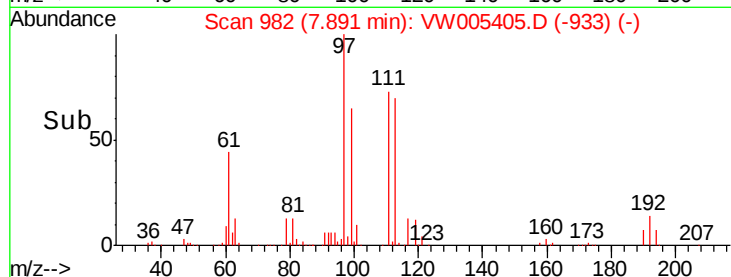
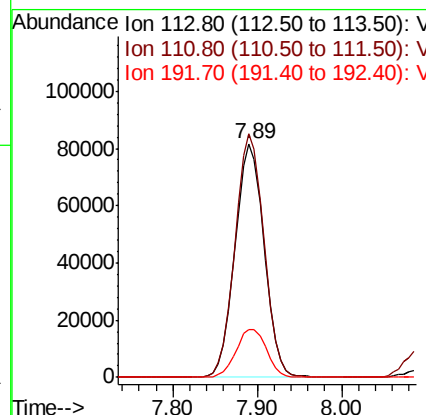
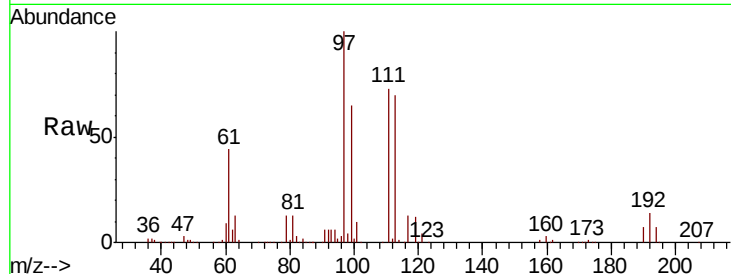
#35
 Dibromofluoromethane
 Concen: 99.24 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW005405.D
 Acq: 15 Sep 2018 00:57

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
113	100	190898		
111	103.2	82.3	123.5	
192	21.5	16.5	24.7	

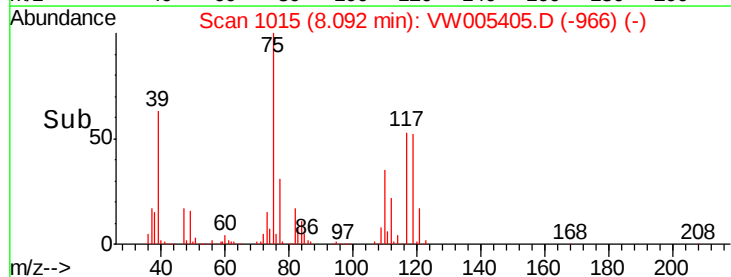
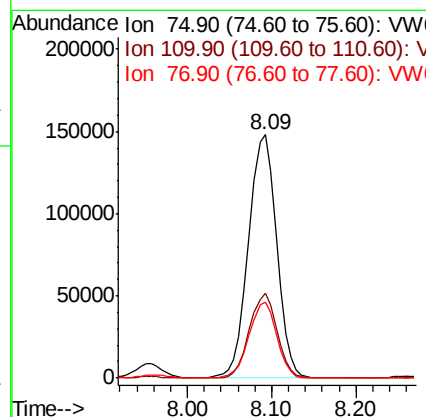
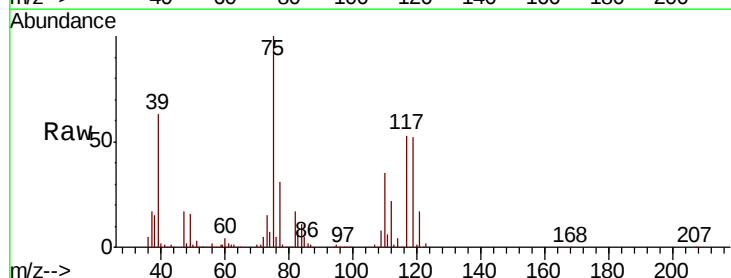
Manual Integrations
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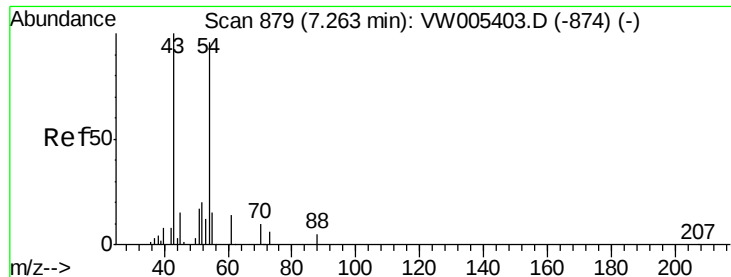
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#36
 1,1-Dichloropropene
 Concen: 99.50 ug/l
 RT: 8.09 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VW005405.D
 Acq: 15 Sep 2018 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	335643		
110	34.0	16.8	50.4	
77	30.8	24.2	36.4	





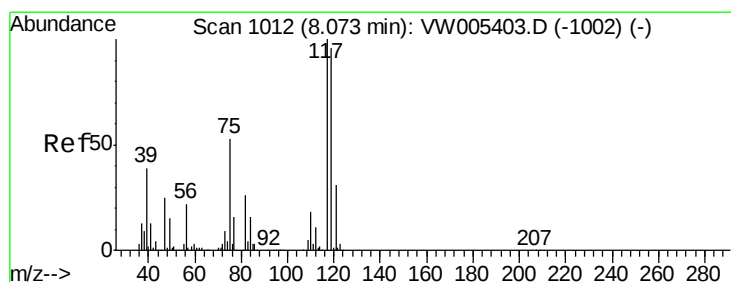
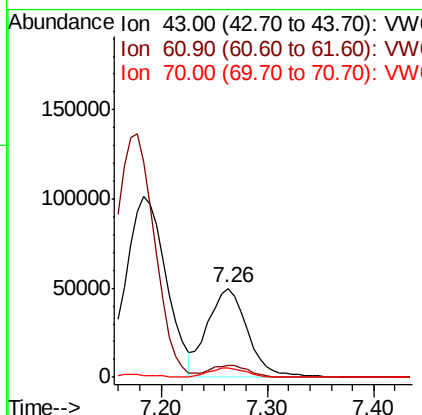
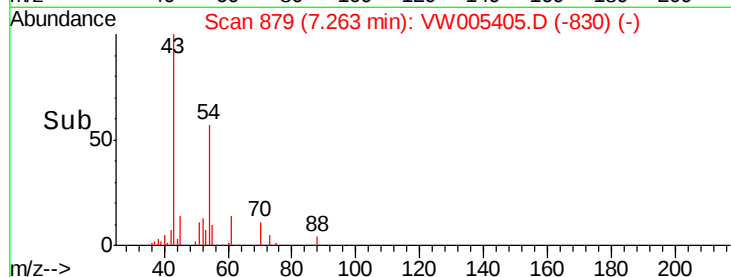
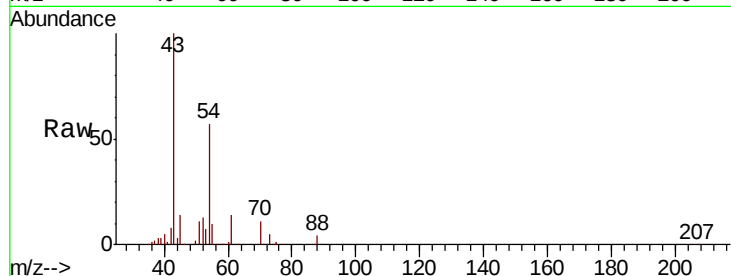
#37
Ethyl Acetate
Concen: 99.69 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	43	Resp	129970
Ion	Ratio	Lower	Upper
43	100		
61	13.3	11.3	16.9
70	10.3	8.2	12.4

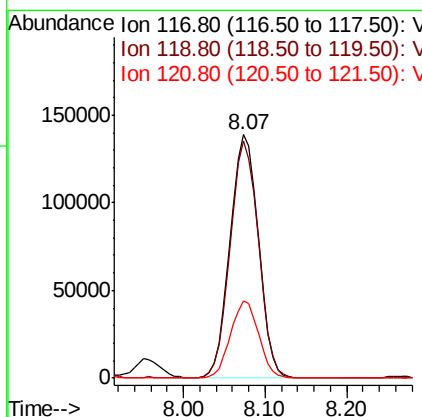
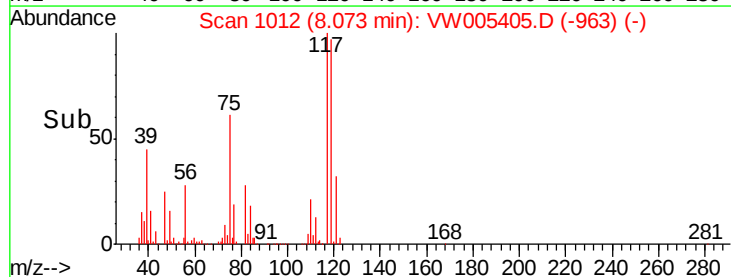
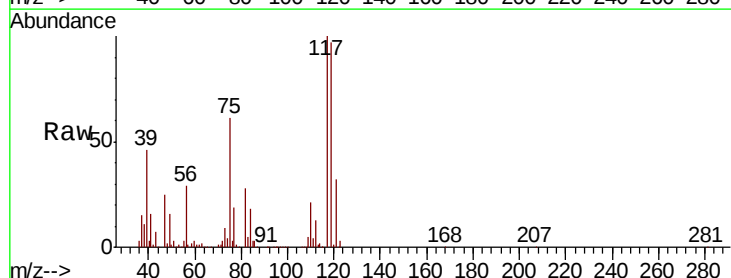
Manual Integrations
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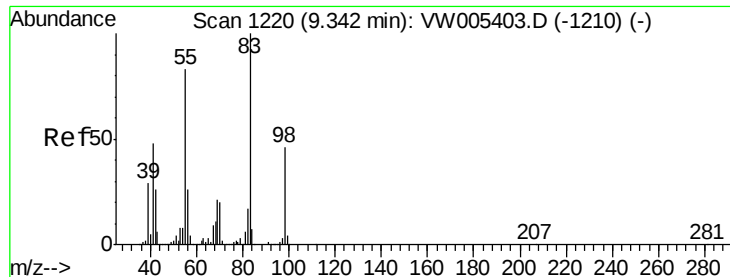
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#38
Carbon Tetrachloride
Concen: 104.03 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

Tgt Ion	117	Resp	334562
Ion	Ratio	Lower	Upper
117	100		
119	97.3	76.8	115.2
121	31.9	24.7	37.1





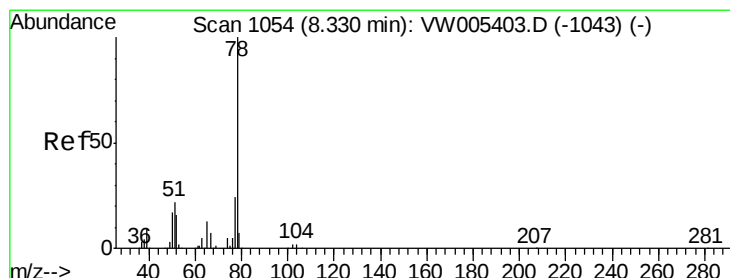
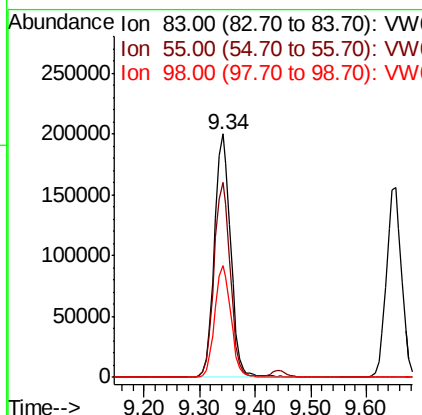
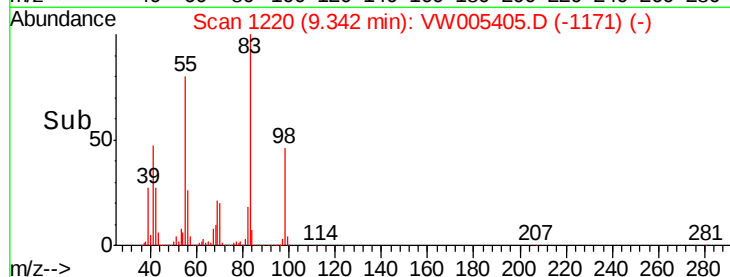
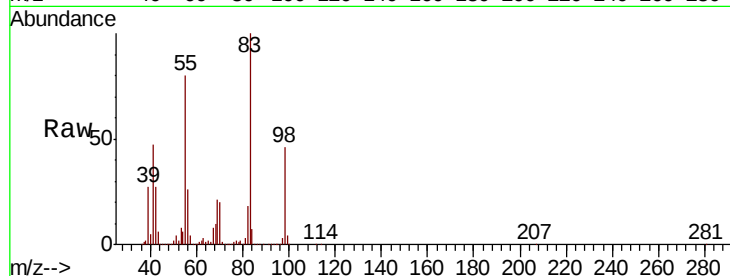
#39
Methvlcvclohexane
Concen: 92.46 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	80.2	66.1	99.1	
98	46.1	36.7	55.1	

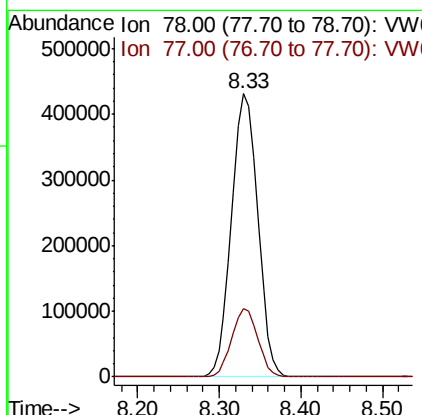
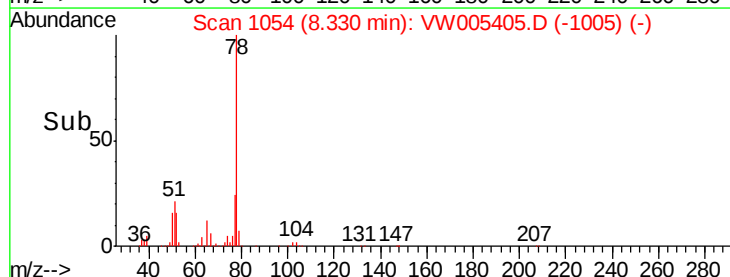
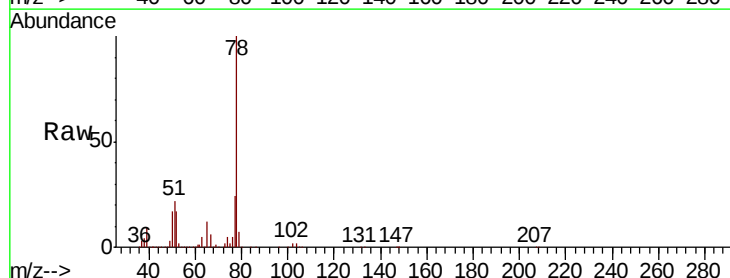
Manual Integrations
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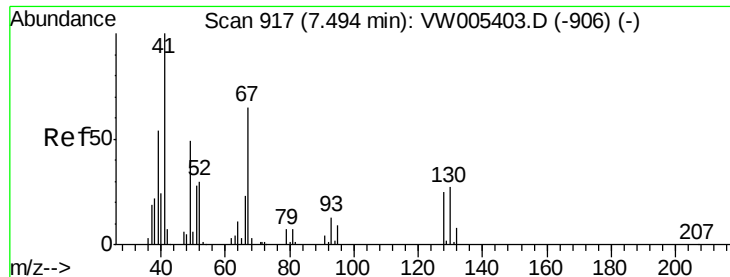
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#40
Benzene
Concen: 97.37 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.0	19.3	28.9	





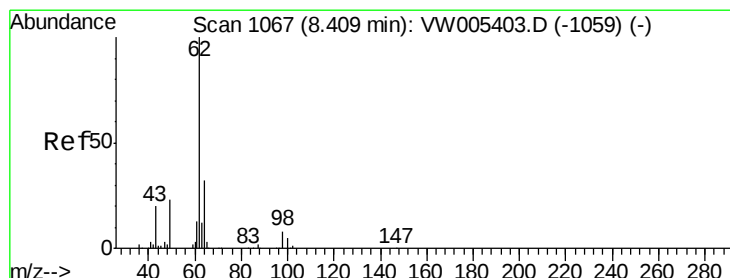
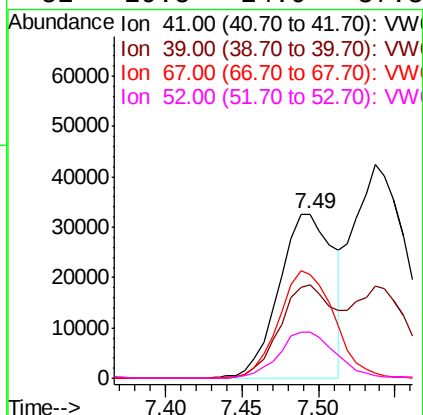
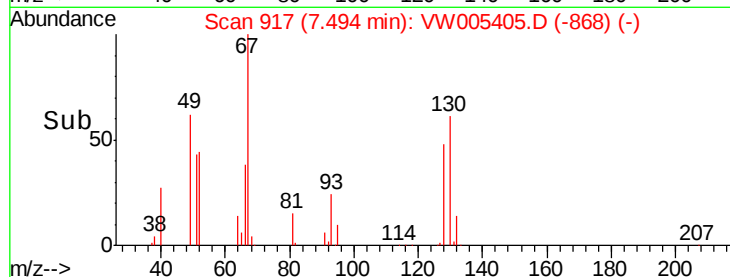
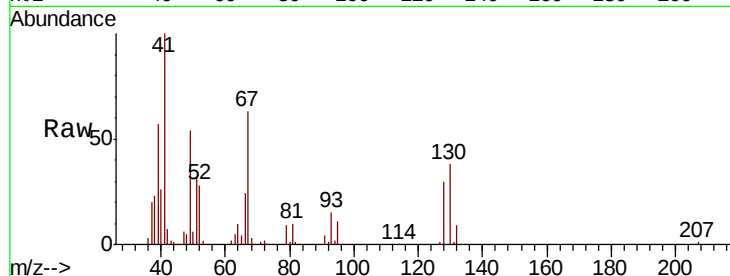
#41
Methacrylonitrile
Concen: 119.31 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.00 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		81147		
39	61.7	44.6	67.0		
67	66.2	53.6	80.4		
52	29.5	24.9	37.3		

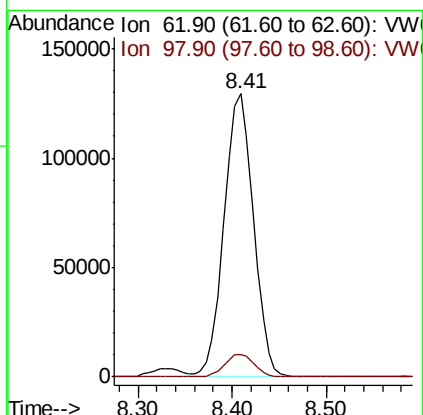
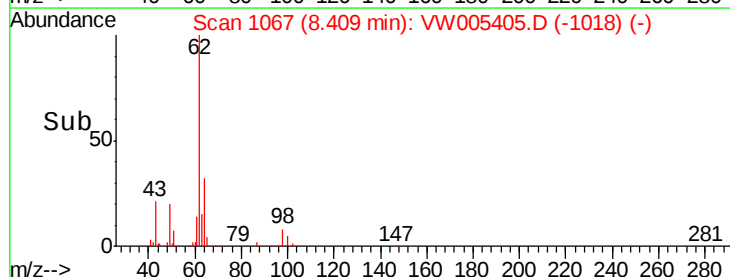
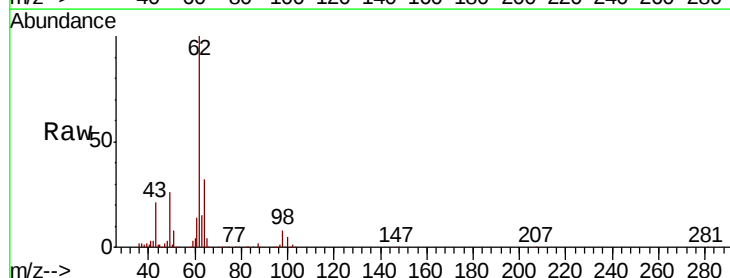
Manual Integrations
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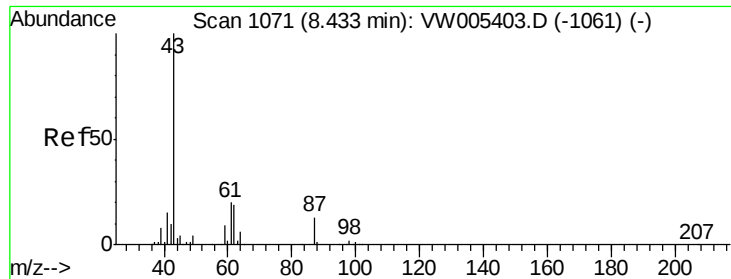
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#42
1,2-Dichloroethane
Concen: 112.34 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		280176		
98	8.0	0.0	15.6		





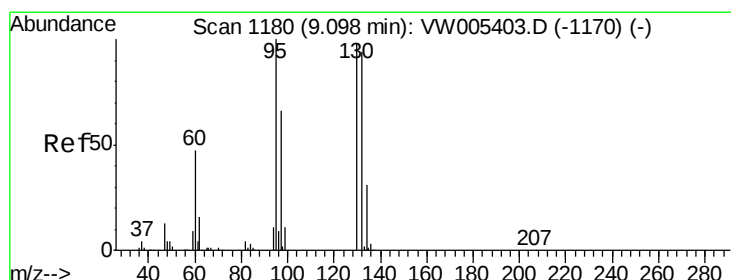
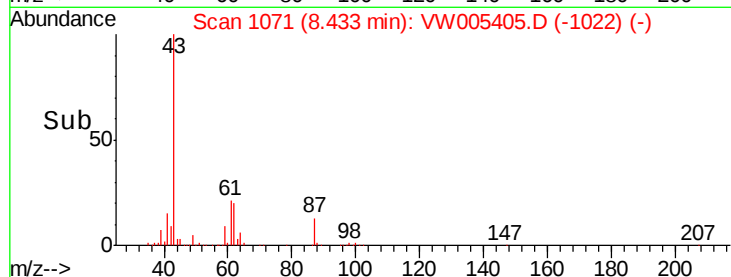
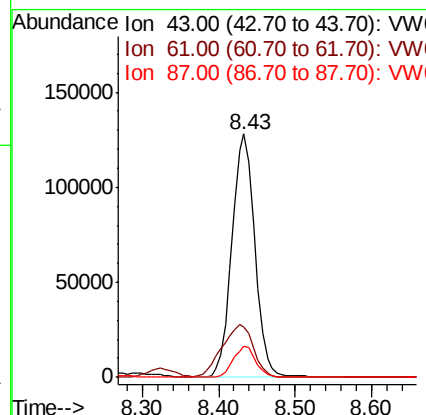
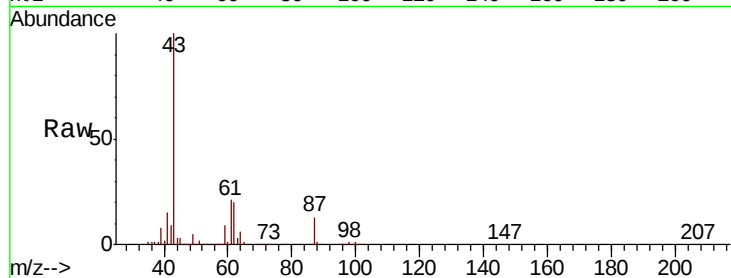
#43
Isopropyl Acetate
Concen: 108.42 ug/l
RT: 8.43 min Scan# 1071
Delta R.T. 0.00 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
43	100	263919		
61	29.7		23.8	35.6
87	12.6		10.1	15.1

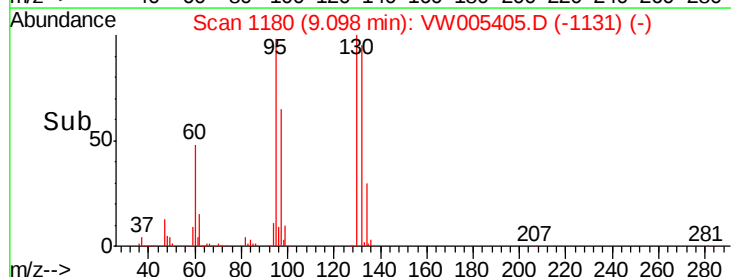
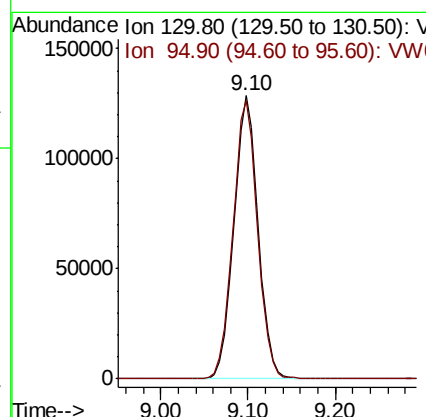
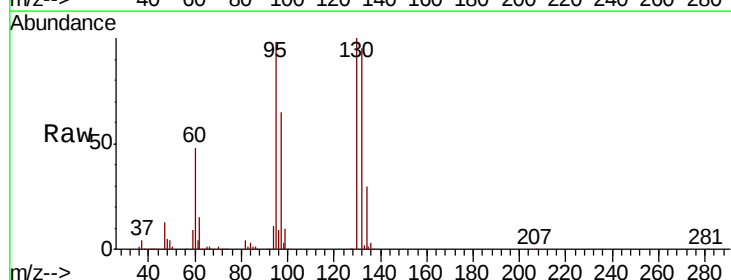
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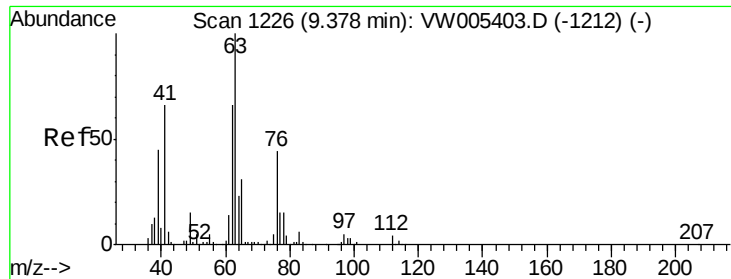
apatel
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#44
Trichloroethene
Concen: 92.30 ug/l
RT: 9.10 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	247720		
95	98.2		0.0	204.6





#45

1,2-Dichloropropane

Concen: 96.20 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.01 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

Tot Ion: 63 Resp: 228465

Ion Ratio Lower Upper

63 100

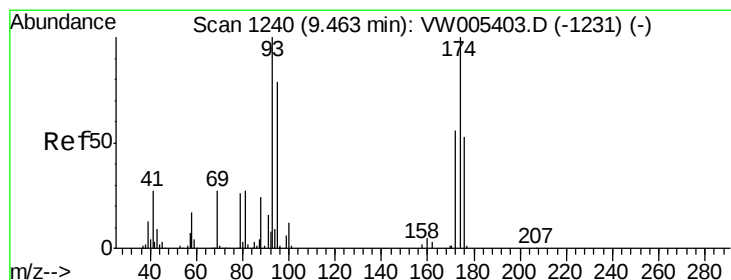
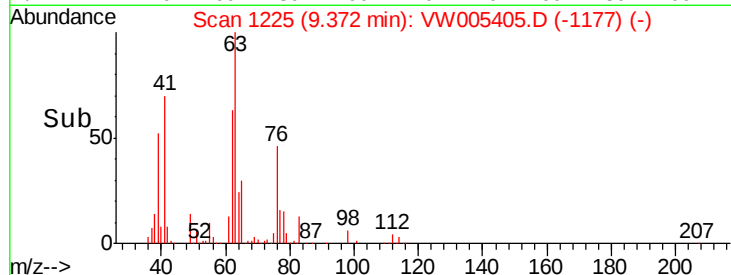
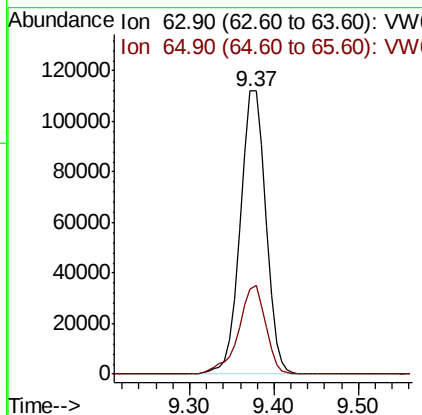
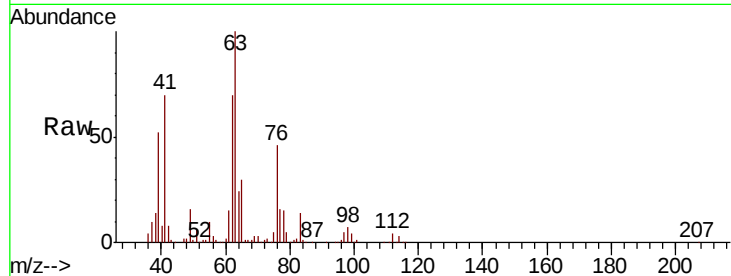
65 30.1 25.0 37.6

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#46

Dibromomethane

Concen: 91.65 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

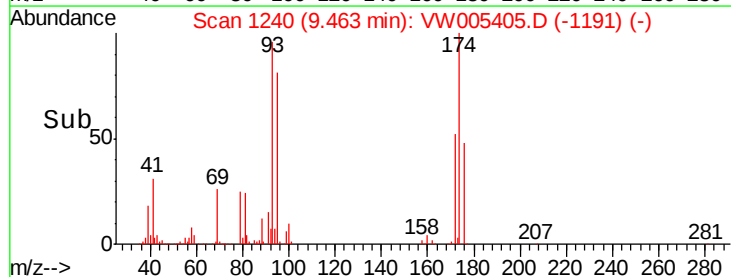
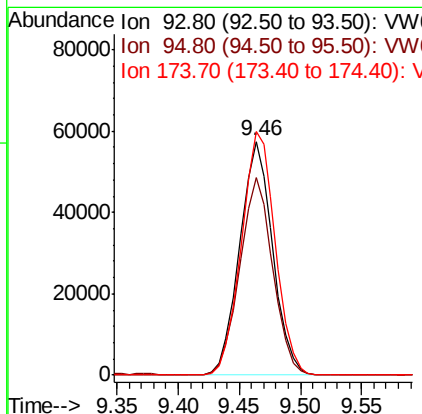
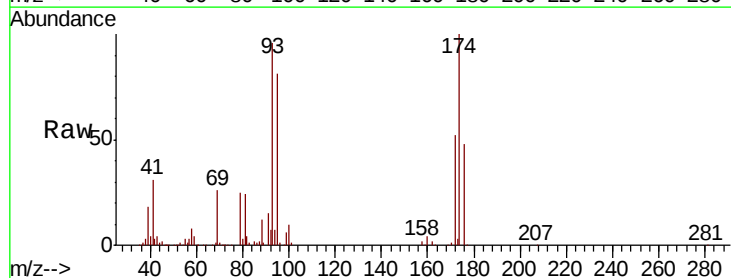
Tgt Ion: 93 Resp: 107364

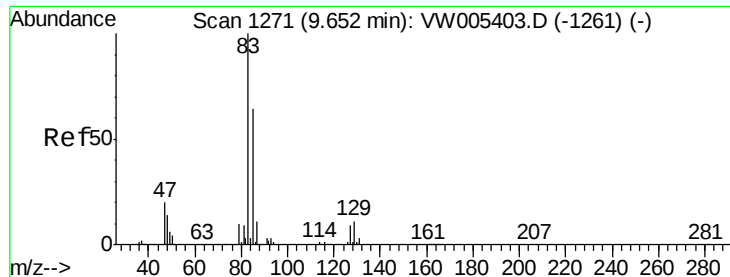
Ion Ratio Lower Upper

93 100

95 84.5 65.4 98.0

174 106.9 83.4 125.2





#47

Bromodichloromethane

Concen: 103.21 ug/l

RT: 9.65 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

Instrument :

MSVOA_W

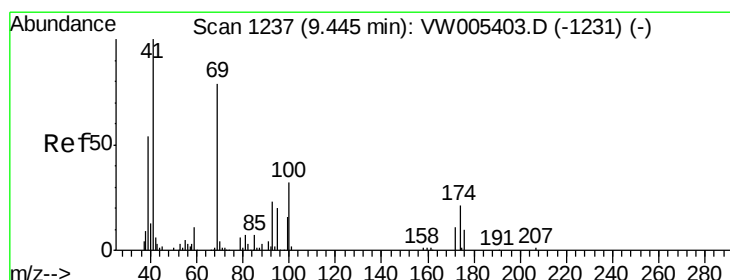
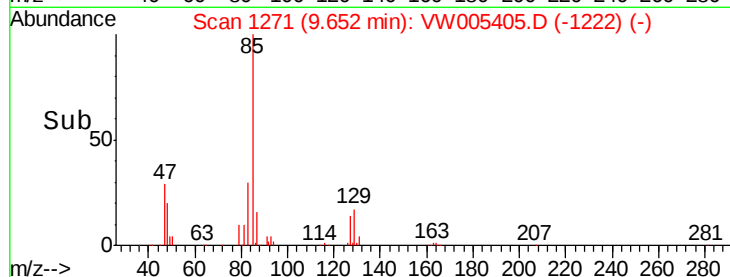
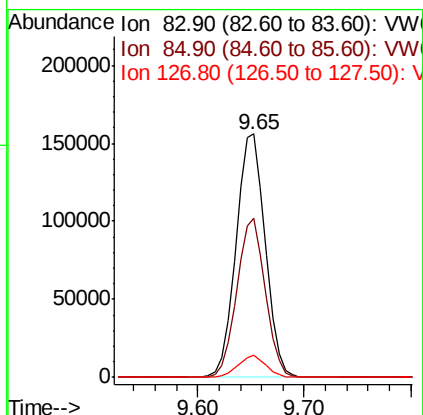
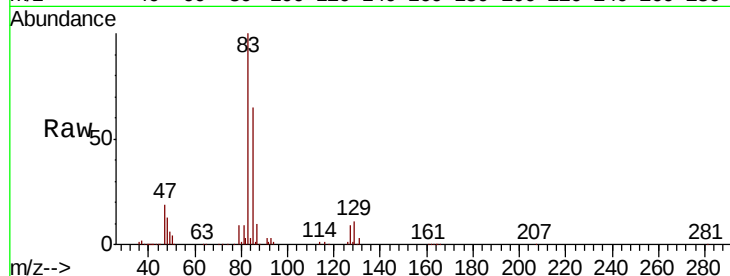
ClientSampled :

VSTDIC100

Tot Ion:	83	Resp:	300090
Ion Ratio	Lower	Upper	
83	100		
85	65.3	50.9	76.3
127	9.0	7.0	10.4

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#48

Methyl methacrylate

Concen: 111.30 ug/l

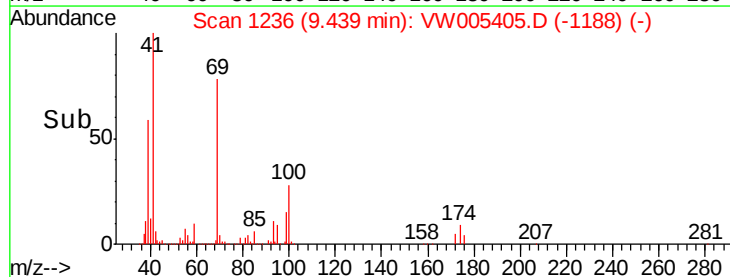
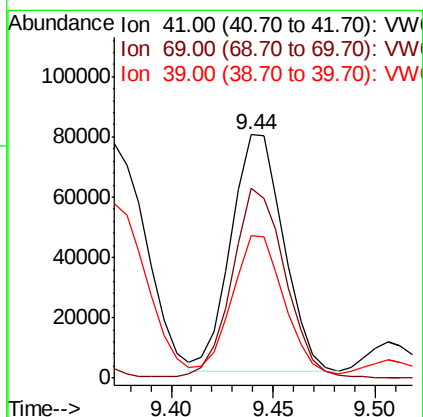
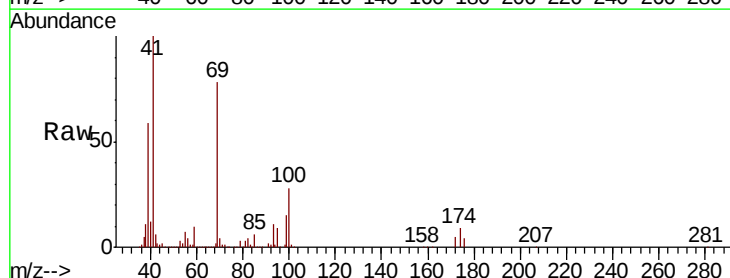
RT: 9.44 min Scan# 1236

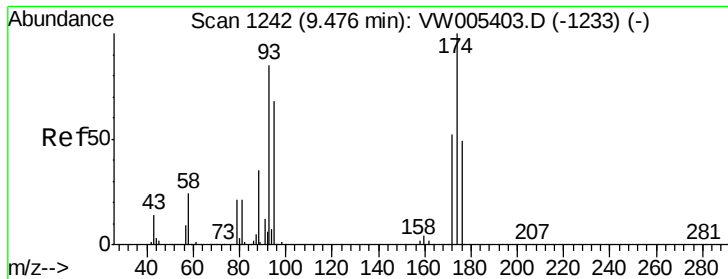
Delta R.T. -0.01 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

Tgt Ion:	41	Resp:	139599
Ion Ratio	Lower	Upper	
41	100		
69	81.7	67.5	101.3
39	62.0	45.5	68.3





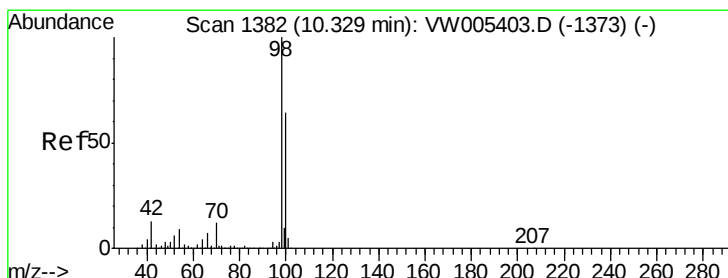
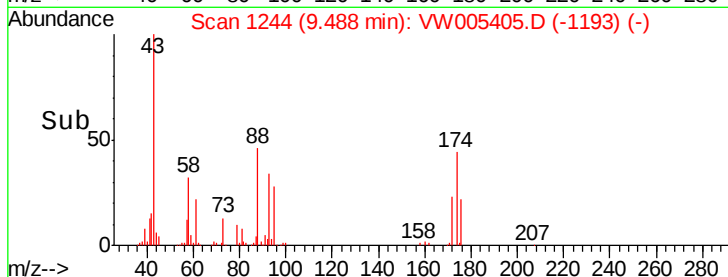
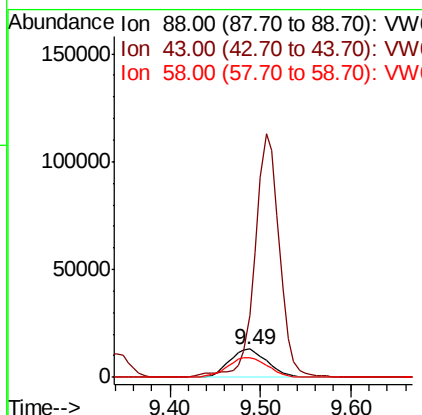
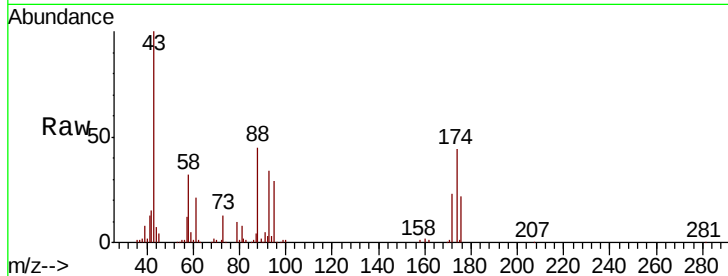
#49
1,4-Dioxane
Concen: 1810.81 ug/l
RT: 9.49 min Scan# 1244
Delta R.T. 0.01 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	74.0	62.4	93.6

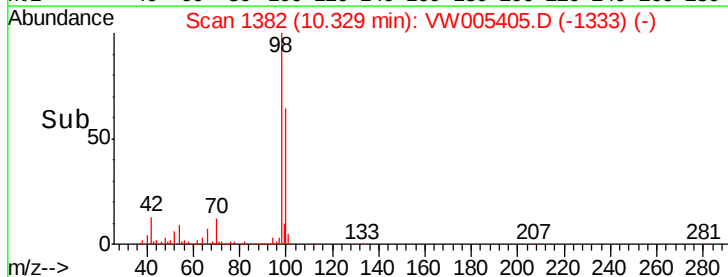
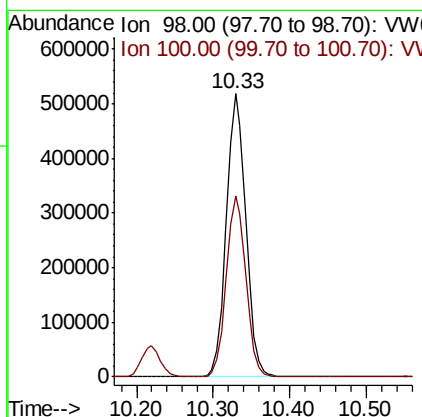
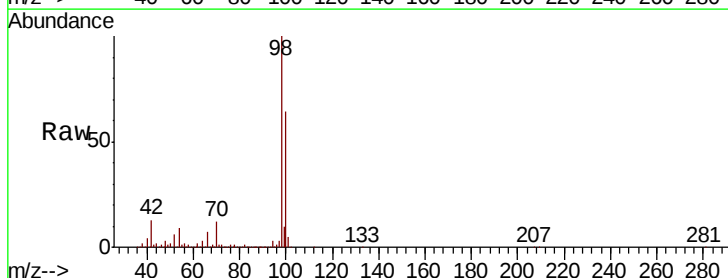
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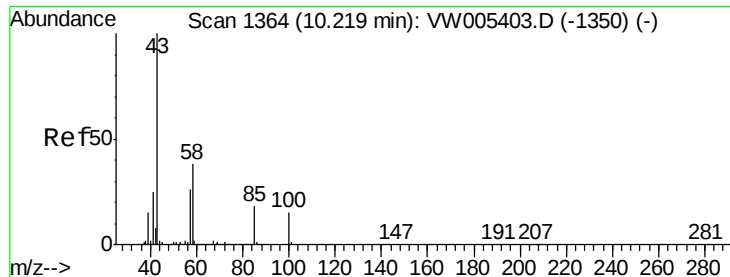
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#50
Toluene-d8
Concen: 95.26 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.4	77.0





#51

4-Methyl-2-Pentanone

Concen: 507.54 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

Tot Ion: 43 Resp: 686055

Ion Ratio Lower Upper

43 100

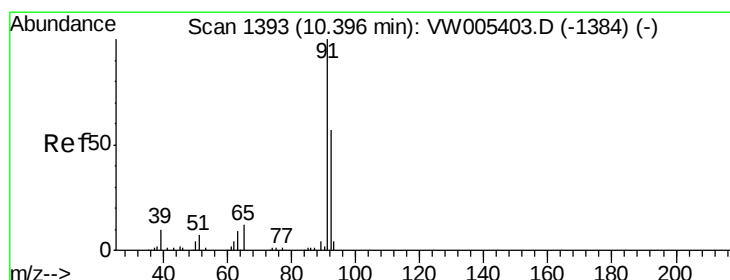
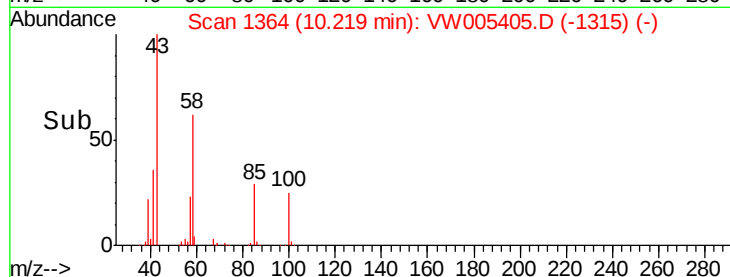
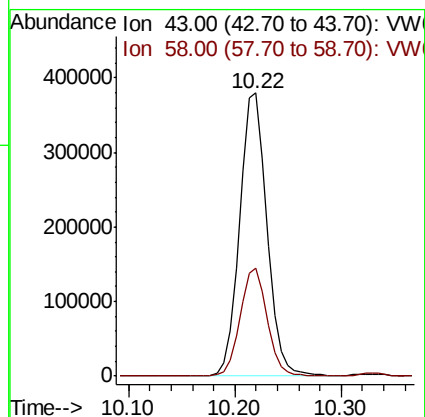
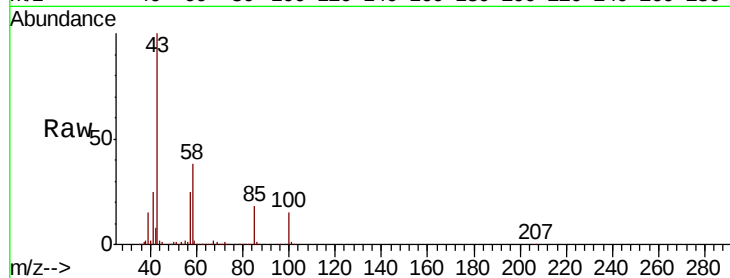
58 37.8 29.9 44.9

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#52

Toluene

Concen: 91.82 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW005405.D

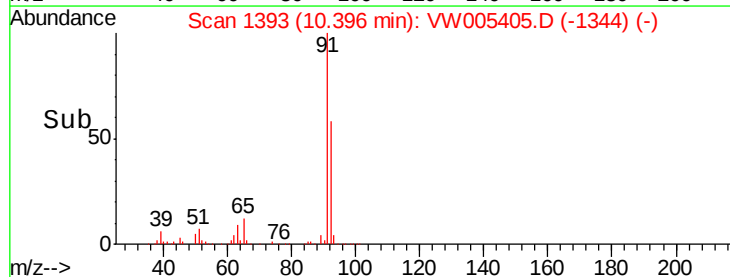
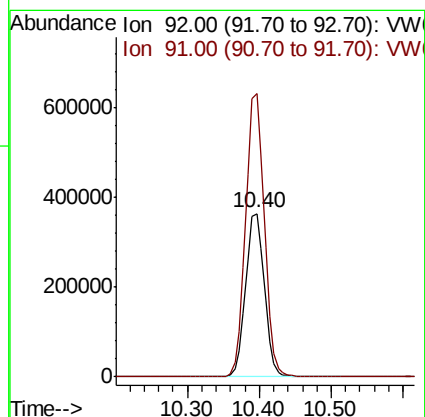
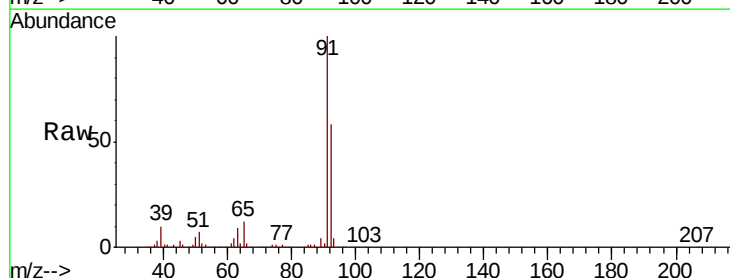
Acq: 15 Sep 2018 00:57

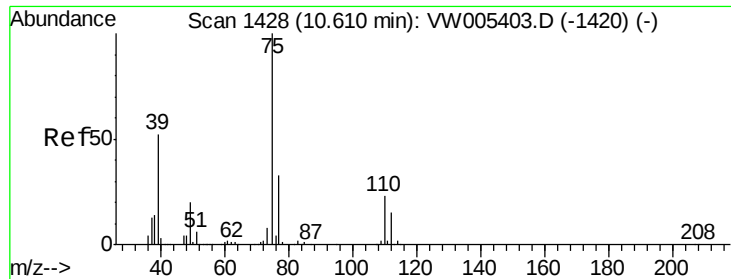
Tgt Ion: 92 Resp: 656004

Ion Ratio Lower Upper

92 100

91 172.9 139.1 208.7





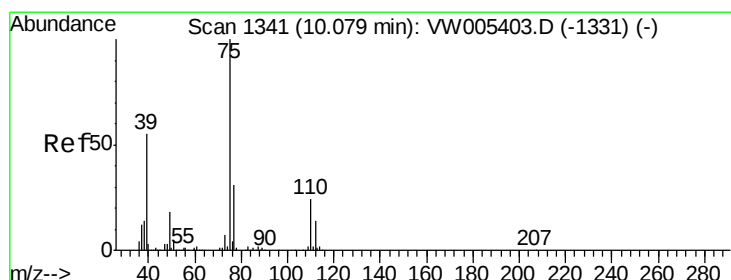
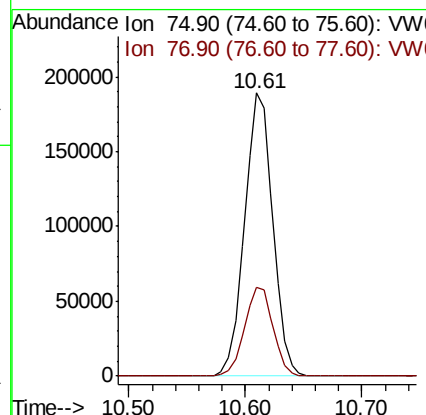
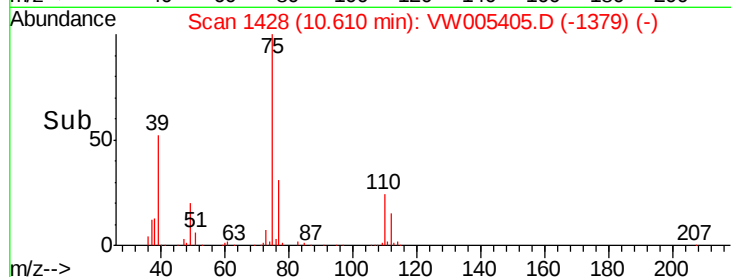
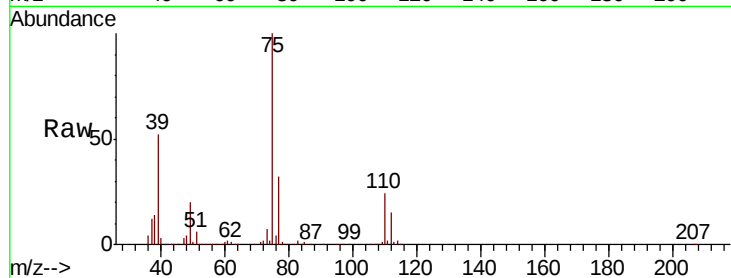
#53
 t-1,3-Dichloropropene
 Concen: 103.00 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW005405.D
 Acq: 15 Sep 2018 00:57

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

Tot Ion: 75 Resp: 319446
 Ion Ratio Lower Upper
 75 100
 77 31.5 26.5 39.7

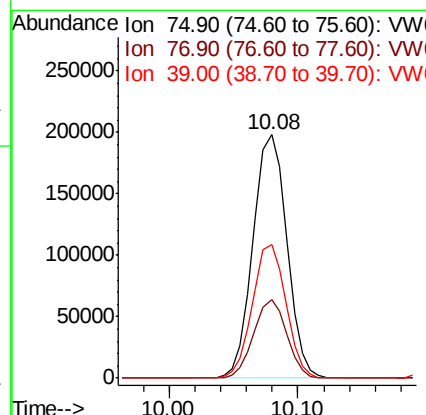
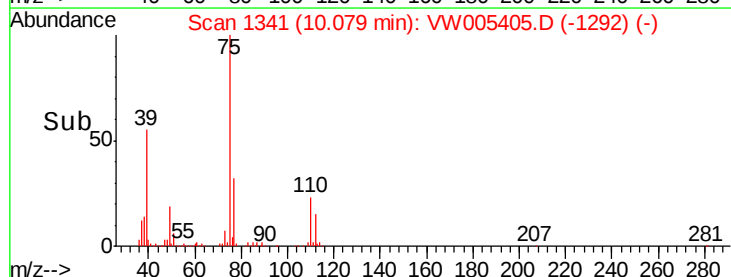
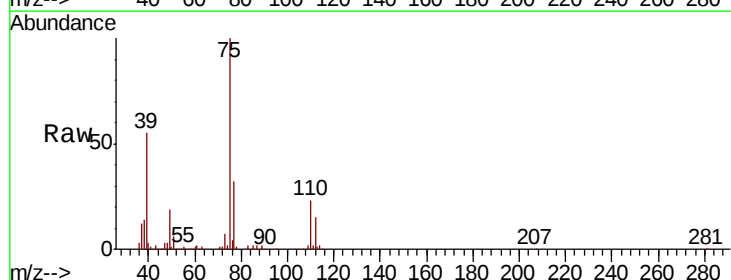
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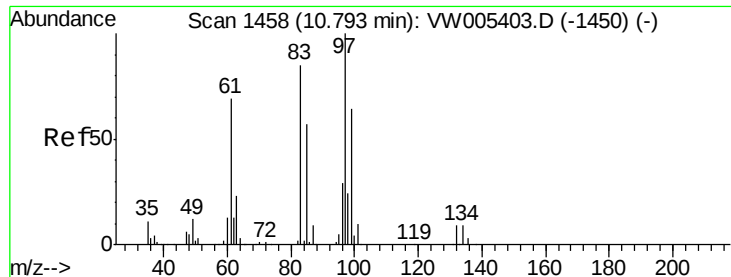
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#54
 cis-1,3-Dichloropropene
 Concen: 97.68 ug/l
 RT: 10.08 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: VW005405.D
 Acq: 15 Sep 2018 00:57

Tgt Ion: 75 Resp: 359160
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.0 37.4
 39 55.0 44.2 66.2





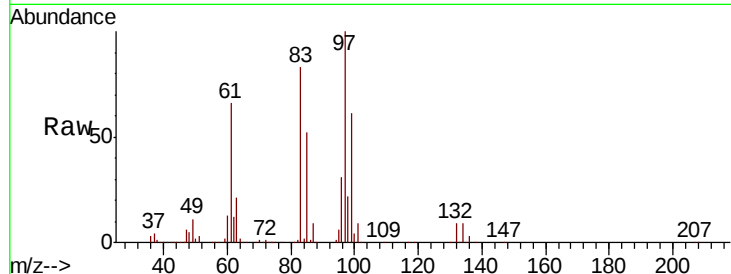
#55
 1,1,2-Trichloroethane
 Concen: 87.76 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW005405.D
 Acq: 15 Sep 2018 00:57

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDIC100

Tot Ion:	97	Resp:	161149
Ion	Ratio	Lower	Upper
97	100		
83	83.0	67.8	101.8
85	52.4	45.4	68.0
99	60.8	51.5	77.3

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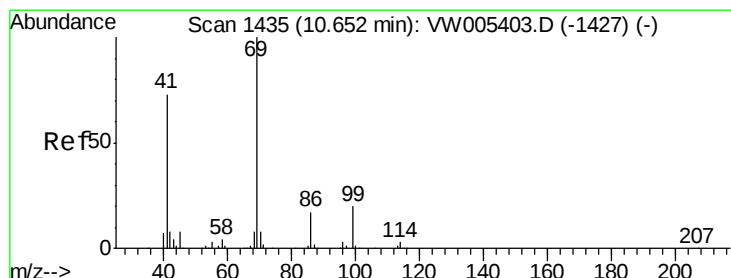
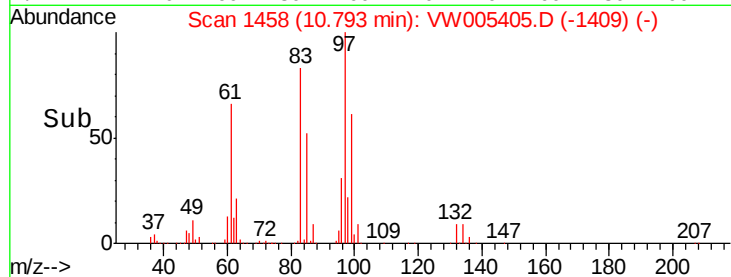
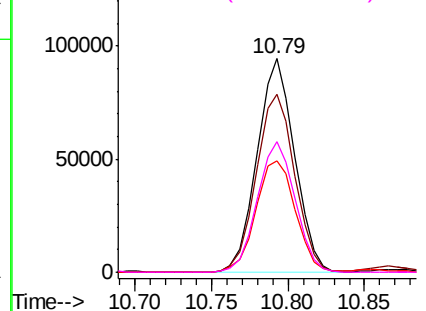
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

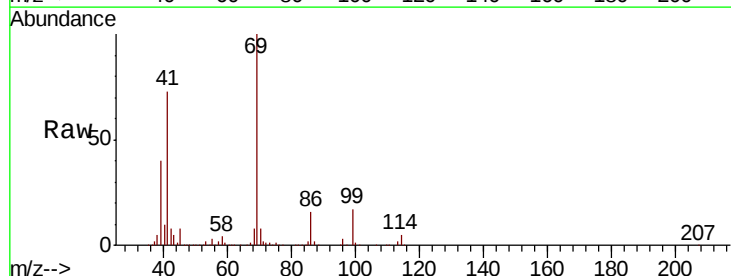
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 98.00 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW005405.D
 Acq: 15 Sep 2018 00:57

Tgt Ion:	69	Resp:	228908
Ion	Ratio	Lower	Upper
69	100		
41	72.6	59.3	88.9
39	37.3	30.2	45.4

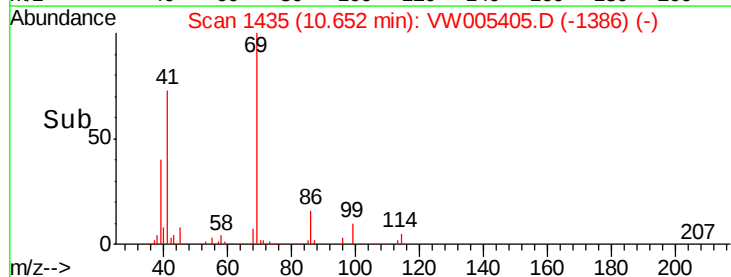
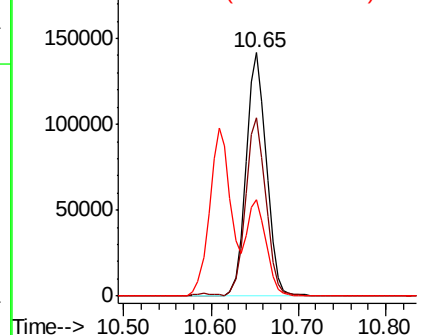


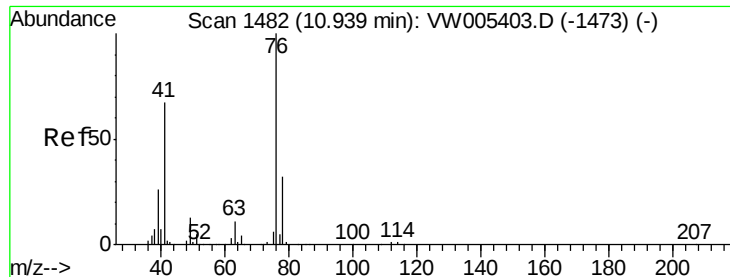
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





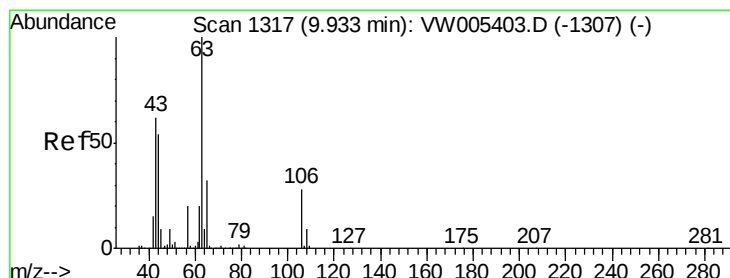
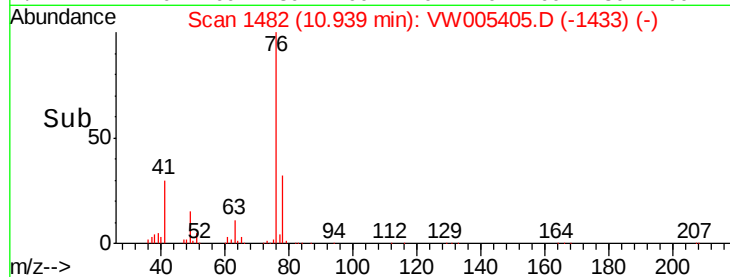
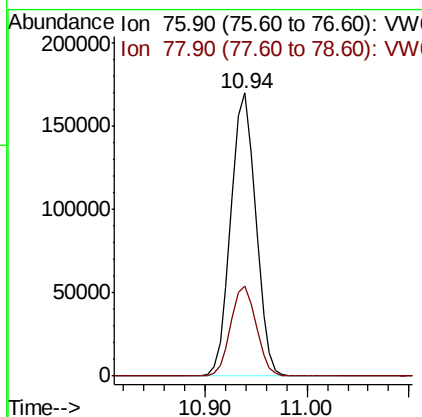
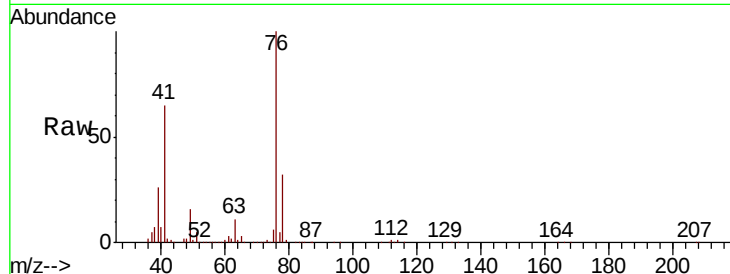
#57
 1,3-Dichloropropane
 Concen: 93.28 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: VW005405.D
 Acq: 15 Sep 2018 00:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.6	38.4

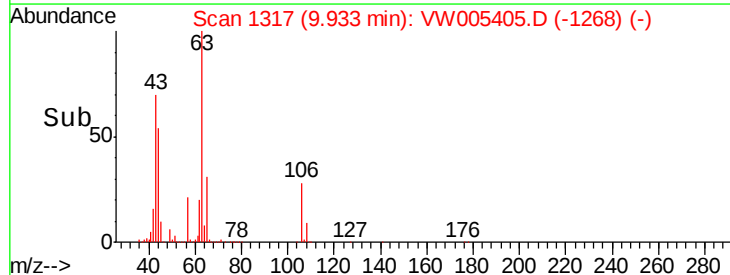
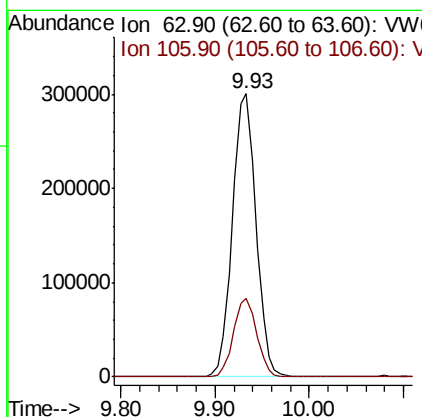
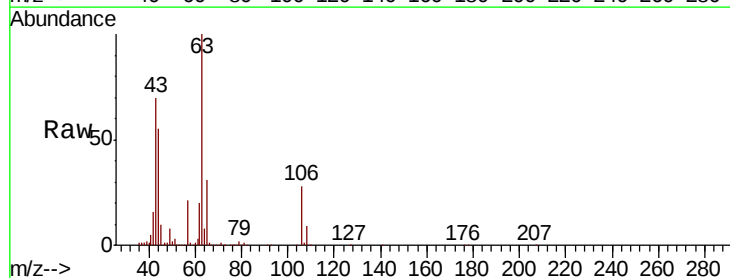
Manual Integrations
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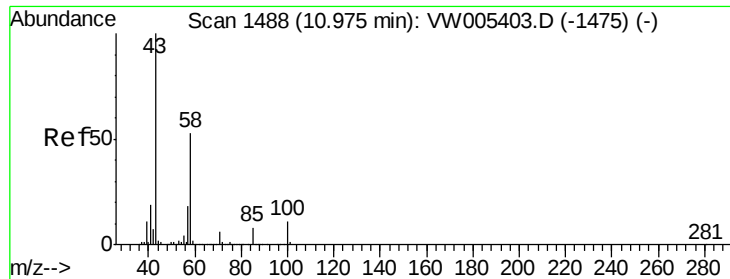
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#58
 2-Chloroethyl Vinyl ether
 Concen: 512.99 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VW005405.D
 Acq: 15 Sep 2018 00:57

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.4	22.0	33.0





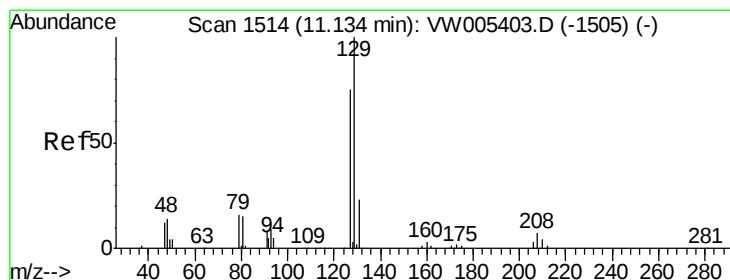
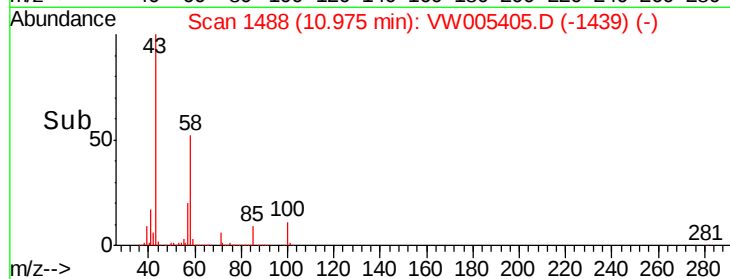
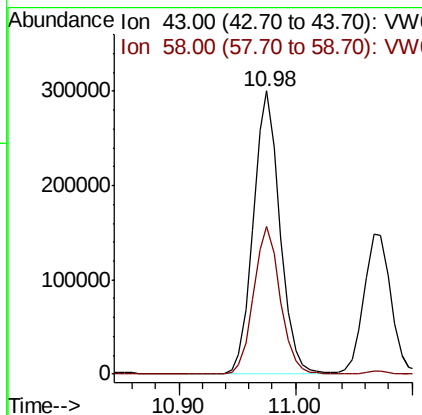
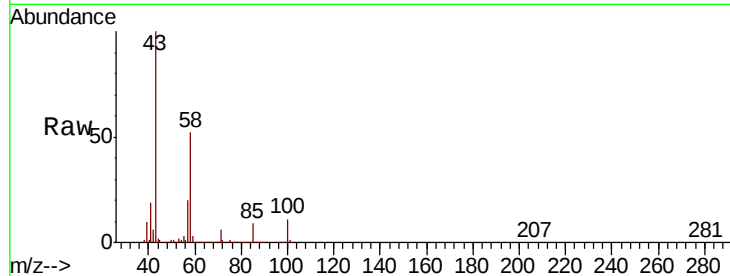
#59
2-Hexanone
Concen: 491.89 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.0	25.5	76.5

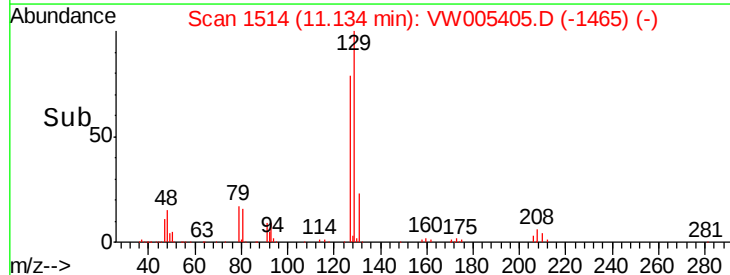
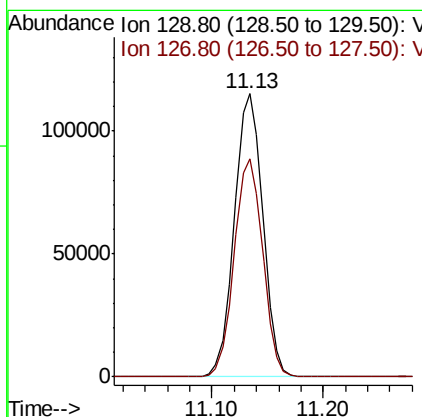
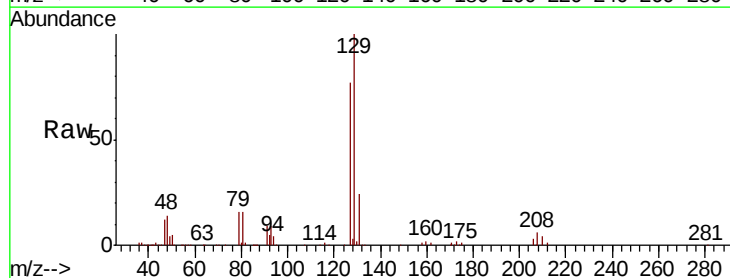
Manual Integrations
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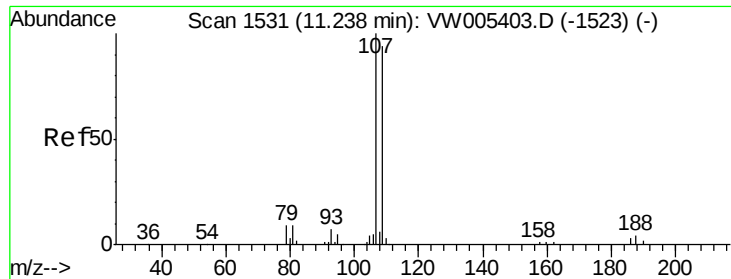
apatel
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#60
Dibromochloromethane
Concen: 98.43 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.2	38.5	115.3





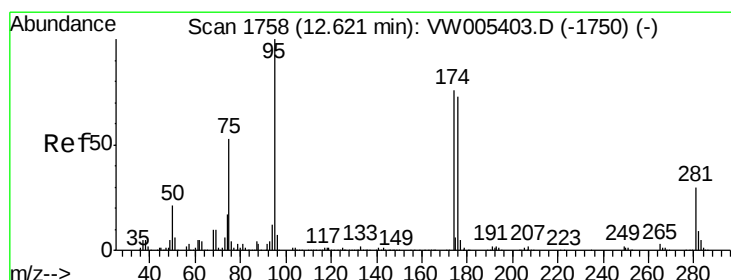
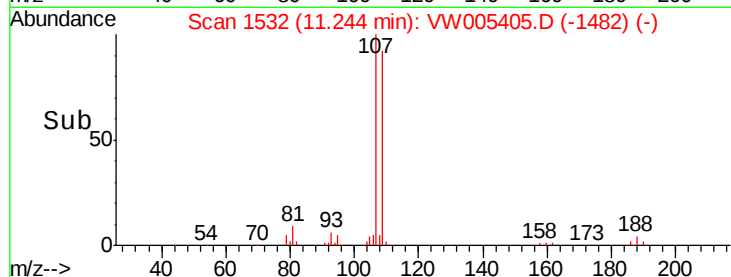
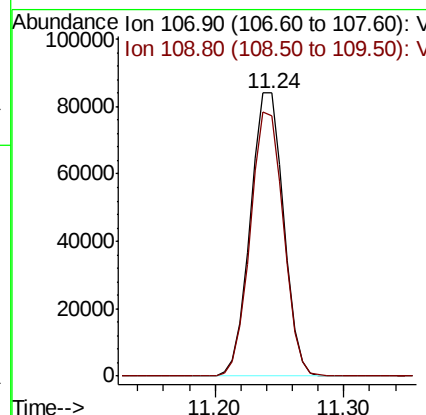
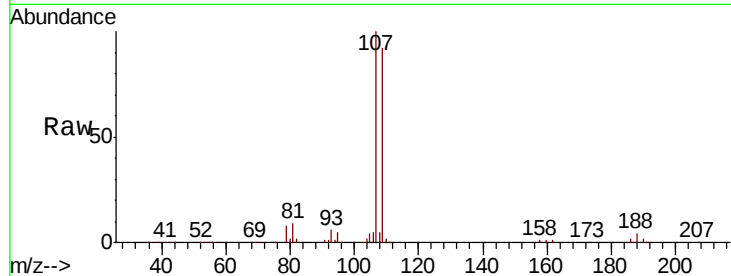
#61
 1,2-Dibromoethane
 Concen: 88.69 ug/l
 RT: 11.24 min Scan# 1532
 Delta R.T. 0.01 min
 Lab File: VW005405.D
 Acq: 15 Sep 2018 00:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.5	75.0	112.6

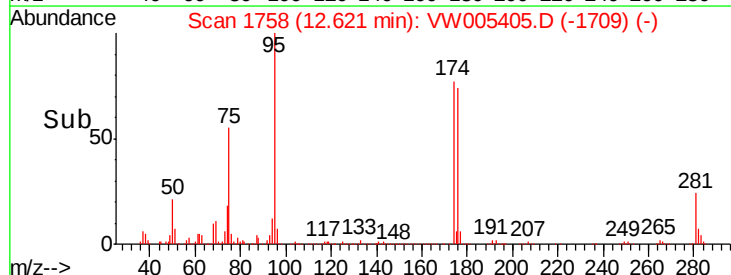
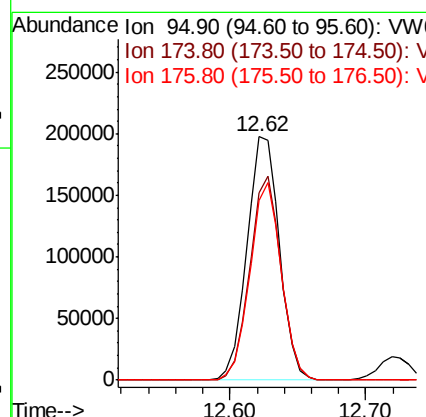
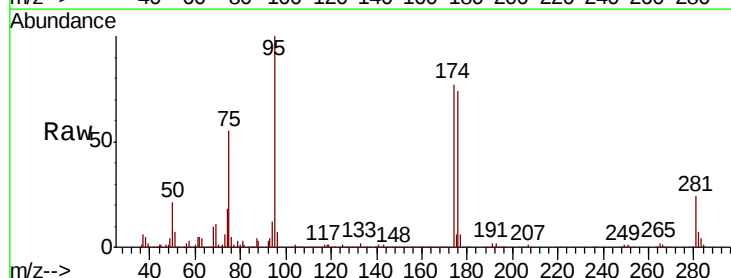
Manual Integrations
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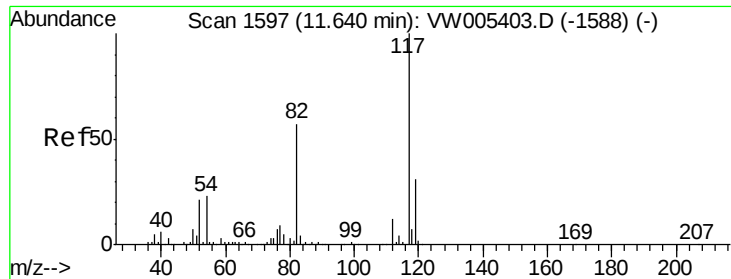
apatel
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#62
 4-Bromofluorobenzene
 Concen: 93.42 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW005405.D
 Acq: 15 Sep 2018 00:57

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.9	0.0	161.2
176	78.6	0.0	156.6





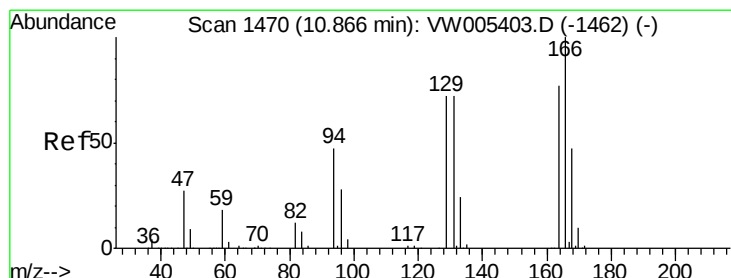
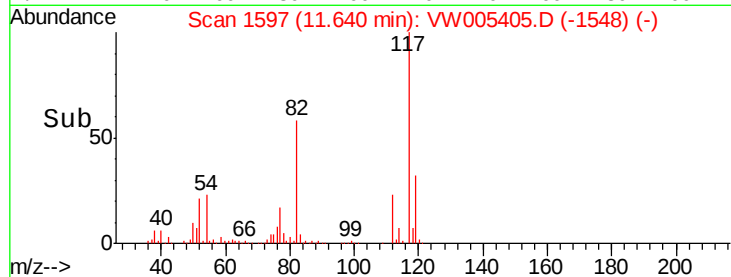
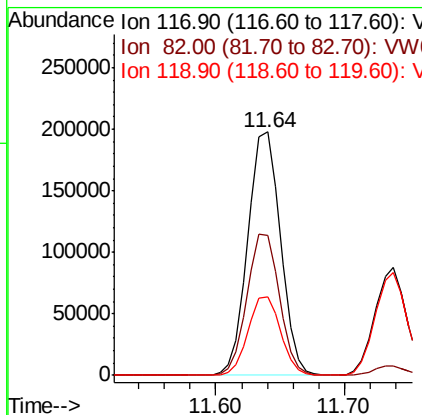
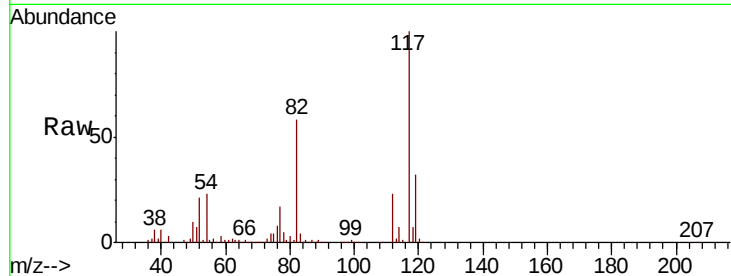
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.7	45.9	68.9
119	32.1	24.8	37.2

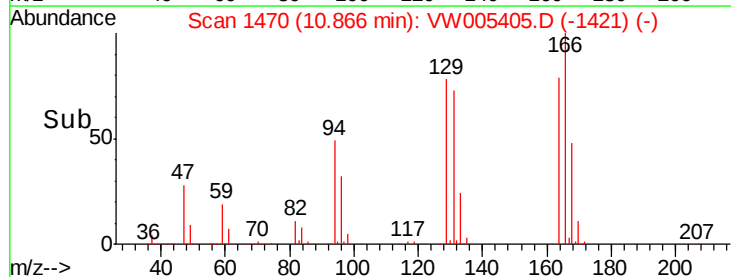
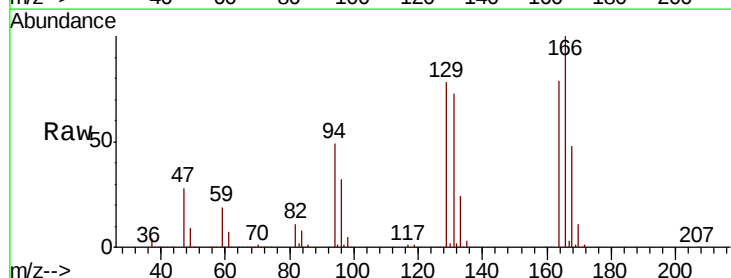
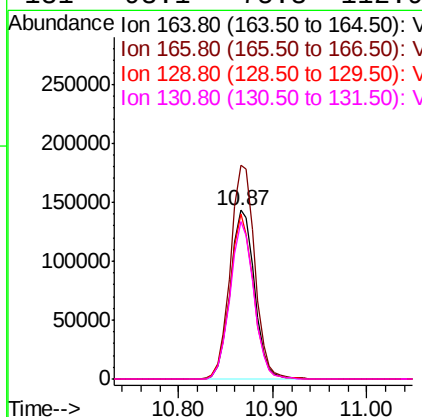
Manual Integrations
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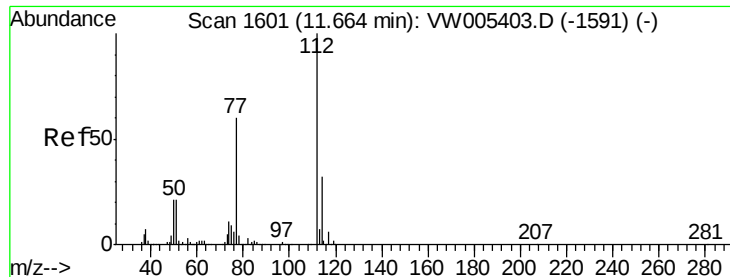
apatel
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#64
Tetrachloroethene
Concen: 99.32 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.8	104.0	156.0
129	98.3	74.9	112.3
131	93.1	75.3	112.9





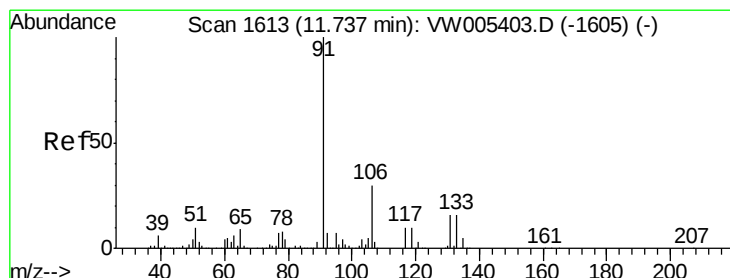
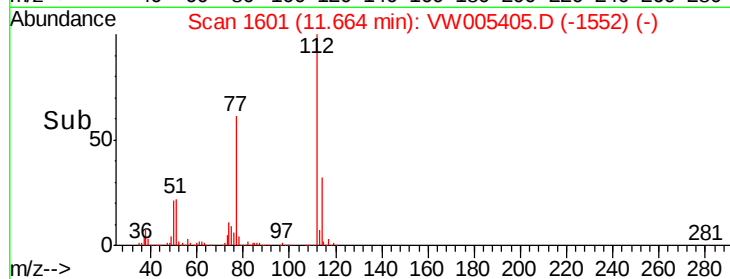
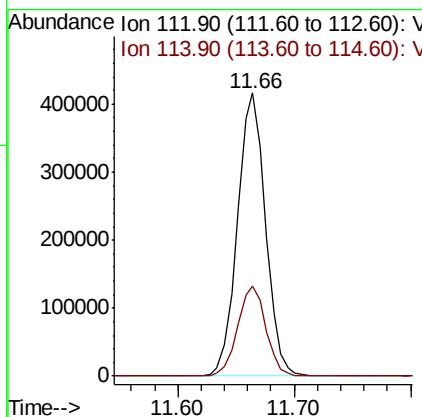
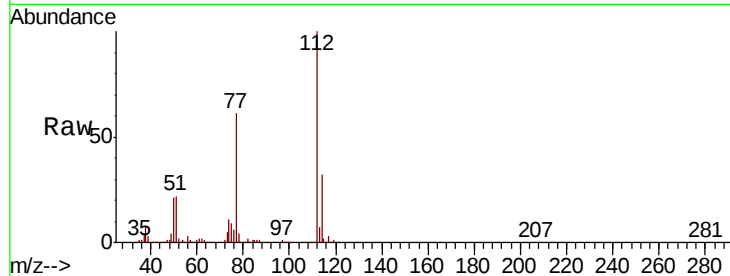
#65
Chlorobenzene
Concen: 92.29 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.3	37.9

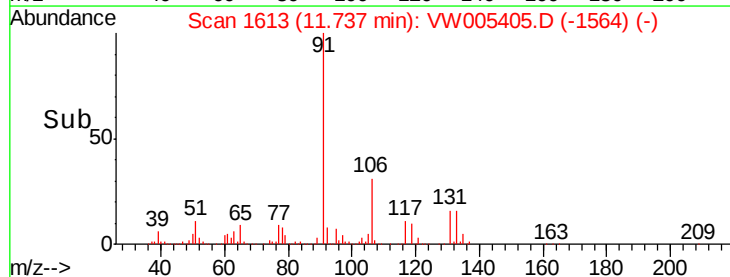
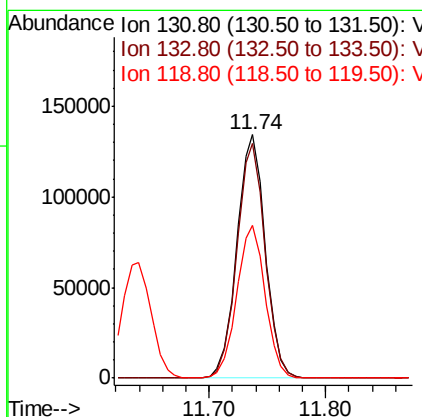
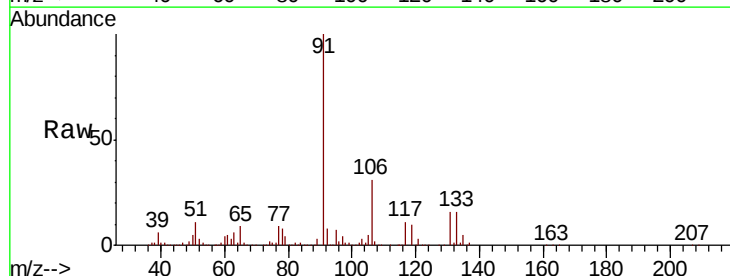
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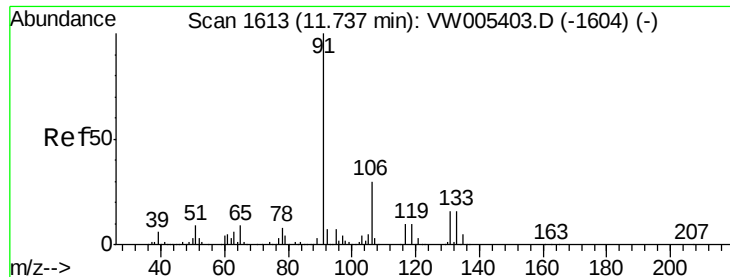
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#66
1,1,1,2-Tetrachloroethane
Concen: 99.45 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.0	47.3	141.9
119	63.0	31.1	93.5





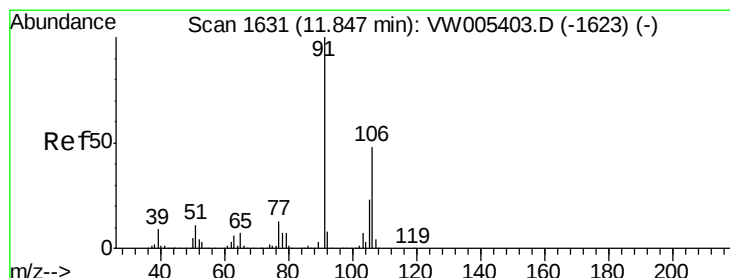
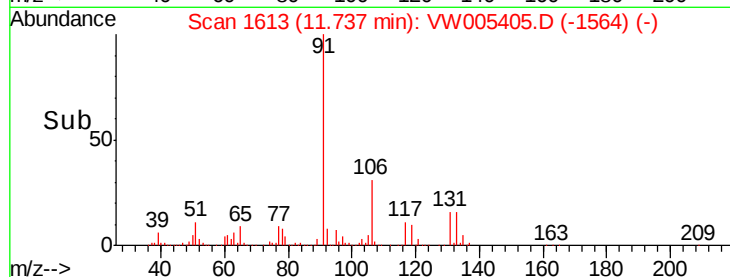
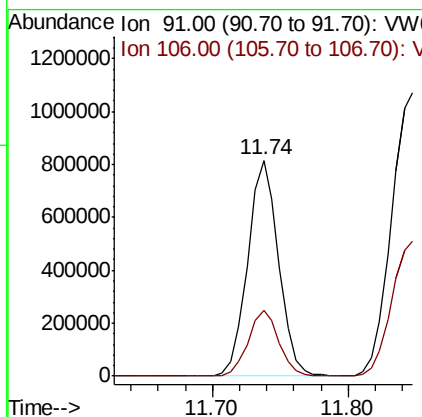
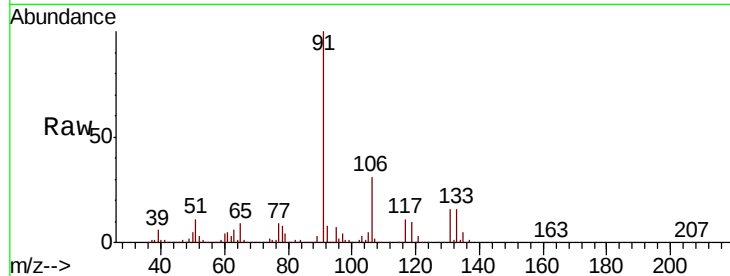
#67
Ethyl Benzene
Concen: 98.41 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion: 91 Resp: 1299473
Ion Ratio Lower Upper
91 100
106 30.6 24.2 36.4

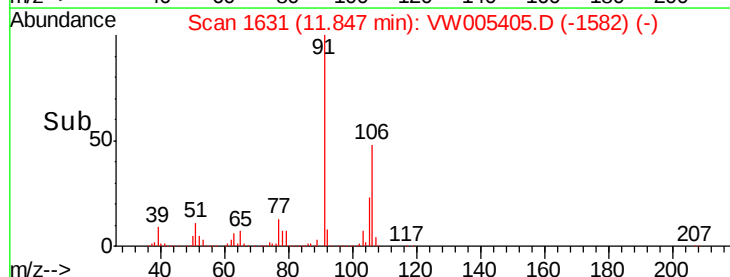
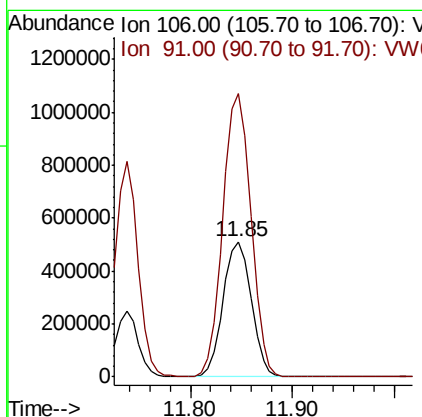
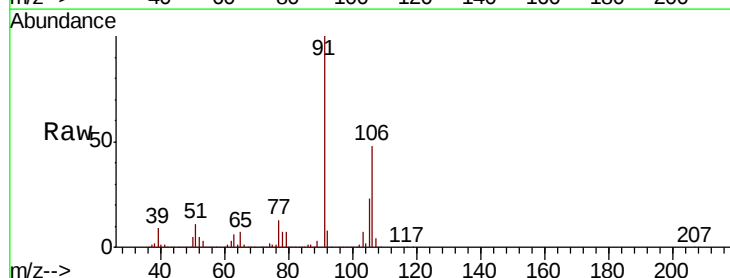
Manual Integrations
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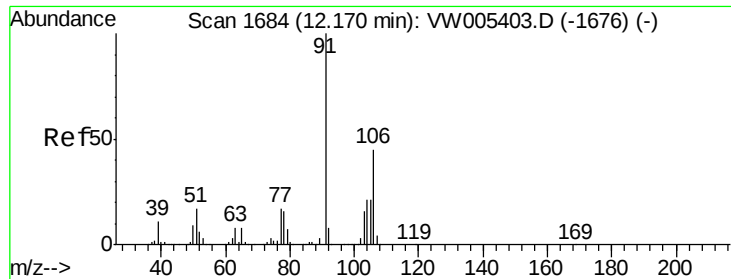
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#68
m/p-Xylenes
Concen: 185.54 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

Tgt Ion: 106 Resp: 981685
Ion Ratio Lower Upper
106 100
91 209.4 167.9 251.9





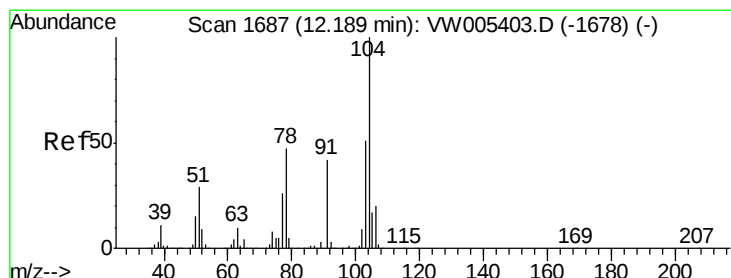
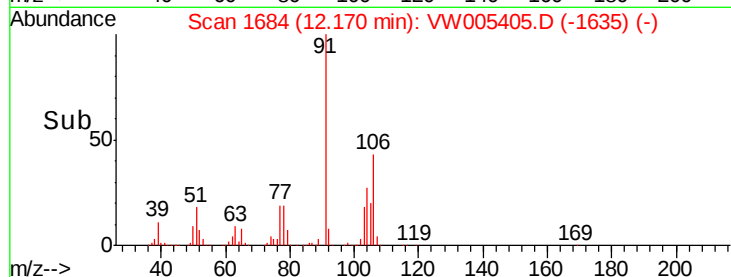
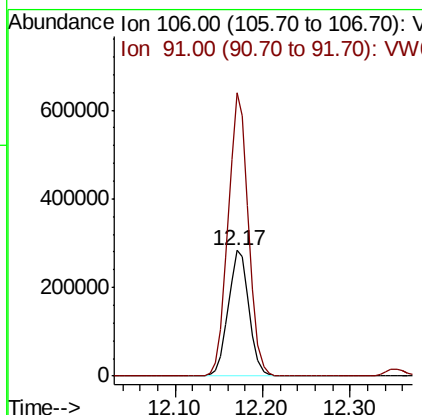
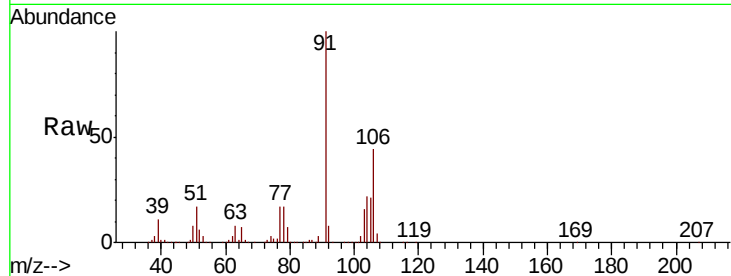
#69
o-Xylene
Concen: 94.64 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
106	100		
91	220.6	110.6	331.6

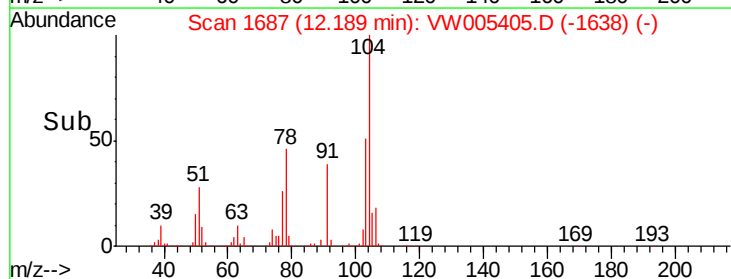
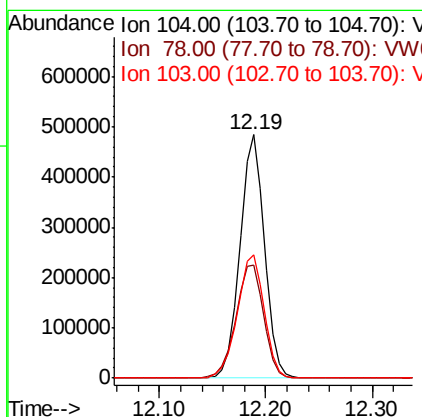
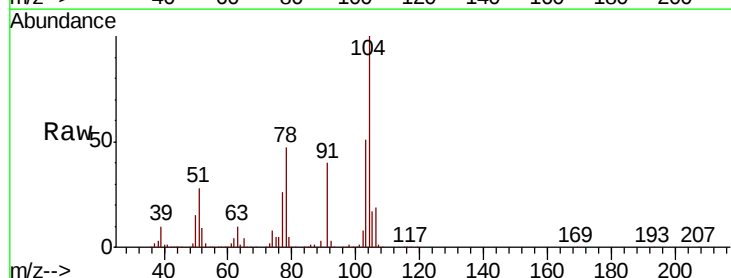
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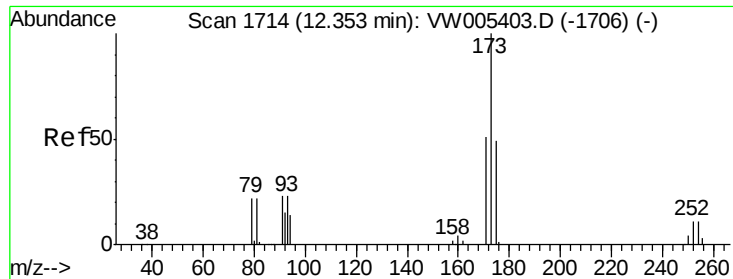
apatel
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#70
Styrene
Concen: 96.96 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

Tgt Ion	Ratio	Lower	Upper
104	100		
78	53.0	42.4	63.6
103	55.7	44.8	67.2





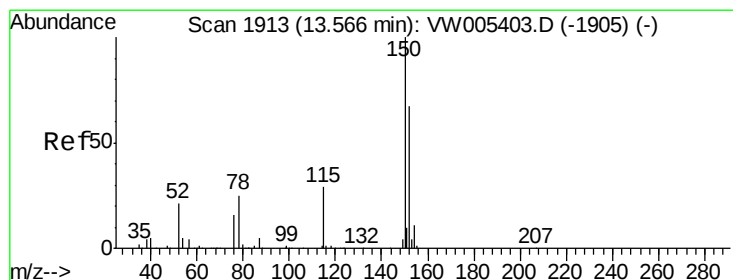
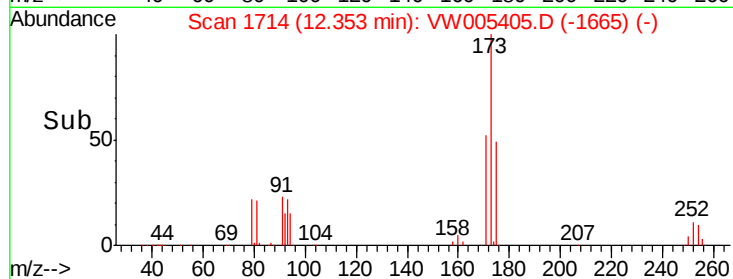
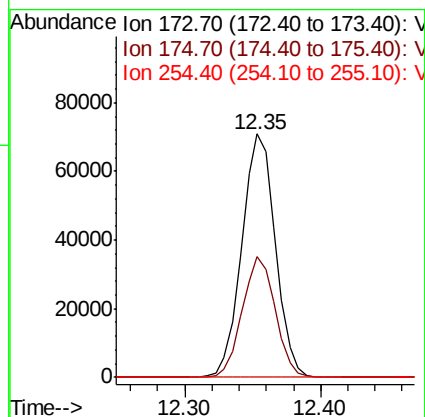
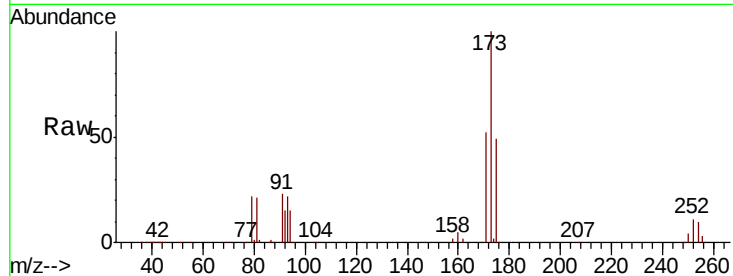
#71
Bromoform
Concen: 98.56 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.2	72.6
254	0.0	0.0	0.0

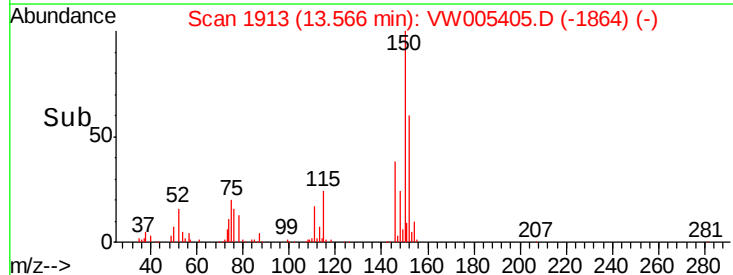
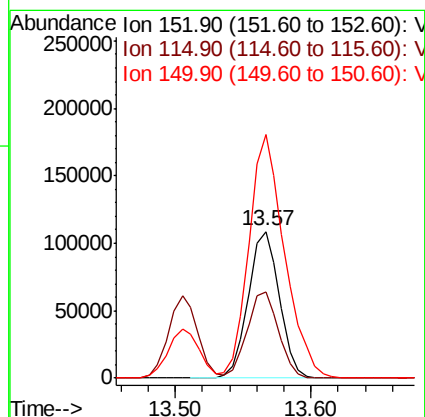
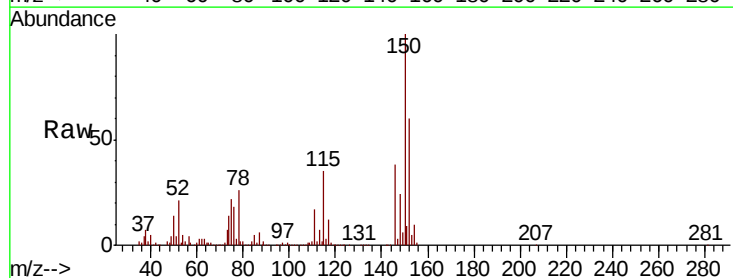
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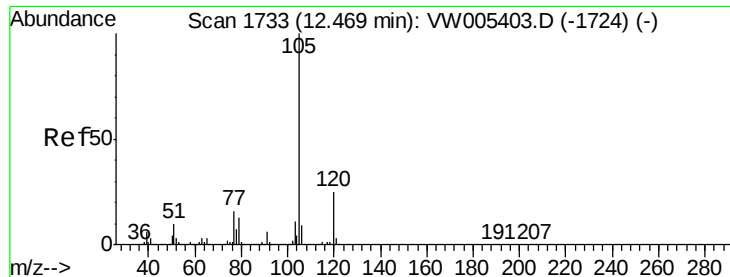
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.9	29.5	88.5
150	189.4	0.0	345.6





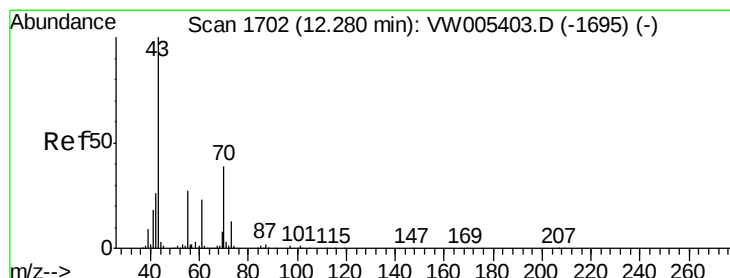
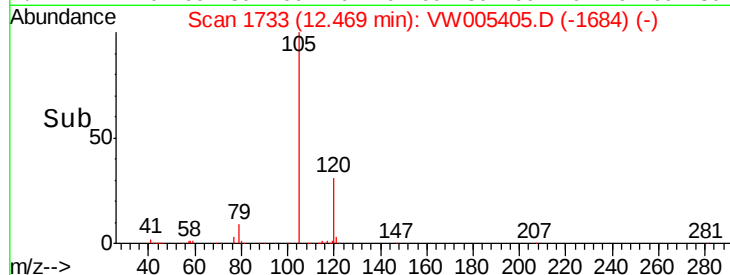
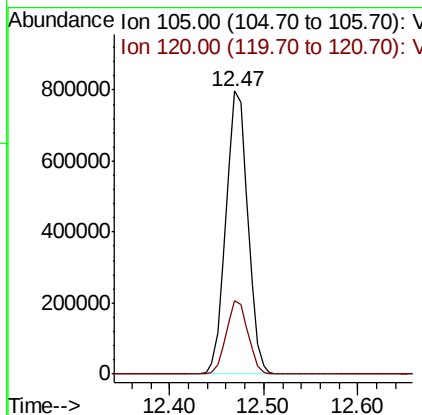
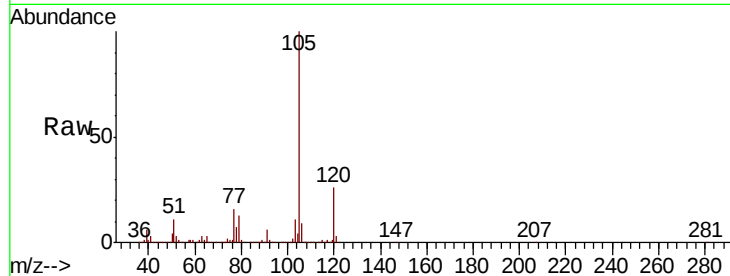
#73
Isopropylbenzene
Concen: 104.74 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion:105 Resp: 1285756
Ion Ratio Lower Upper
105 100
120 25.9 12.9 38.6

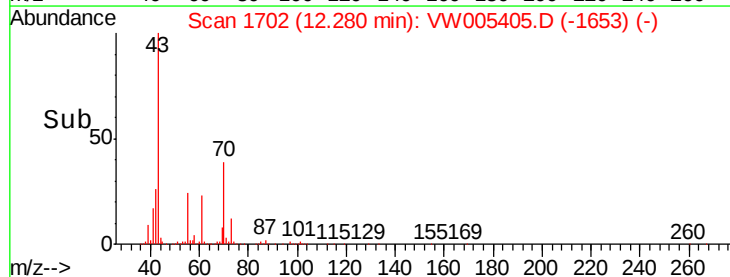
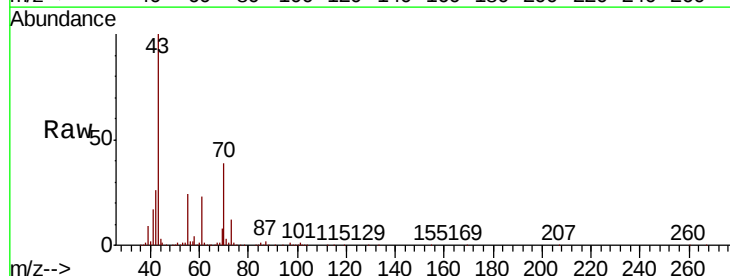
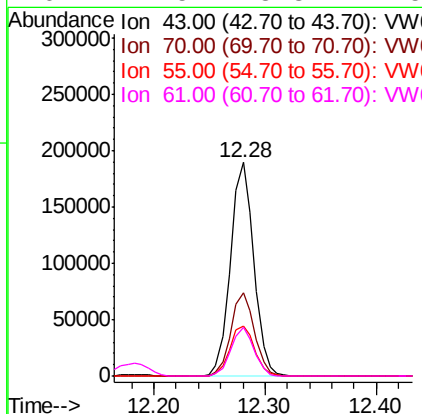
Manual Integrations
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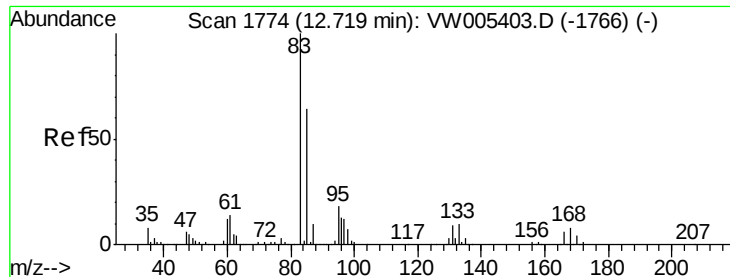
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#74
N-ethyl acetate
Concen: 115.14 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

Tgt Ion: 43 Resp: 274520
Ion Ratio Lower Upper
43 100
70 39.3 31.9 47.9
55 25.0 21.4 32.0
61 22.5 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 95.32 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 83 Resp: 175037
Ion Ratio Lower Upper

83 100

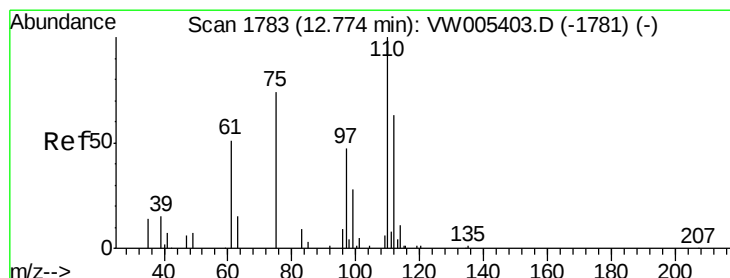
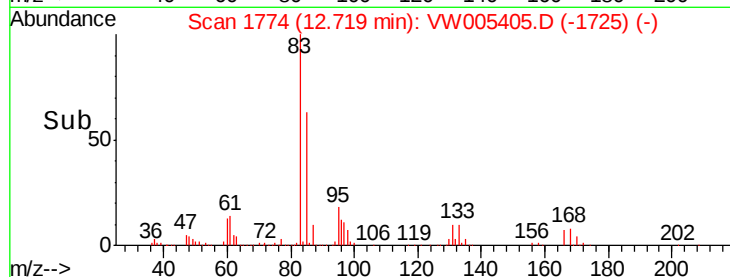
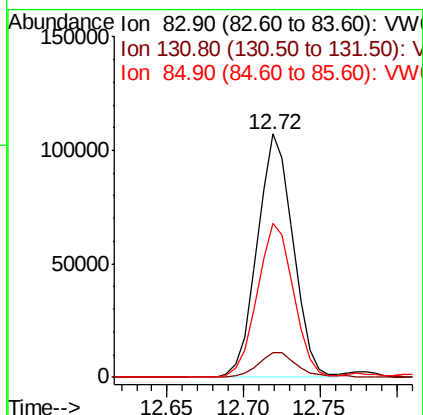
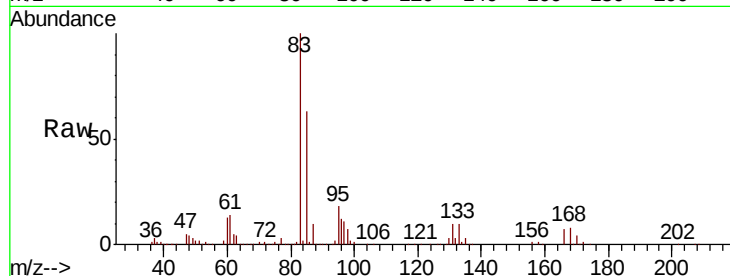
131 11.4 5.7 17.1

85 64.1 31.6 95.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 96.85 ug/l m

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

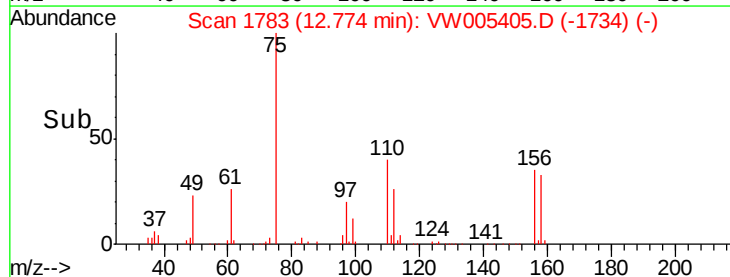
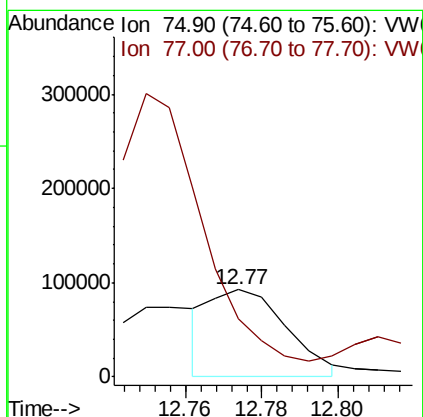
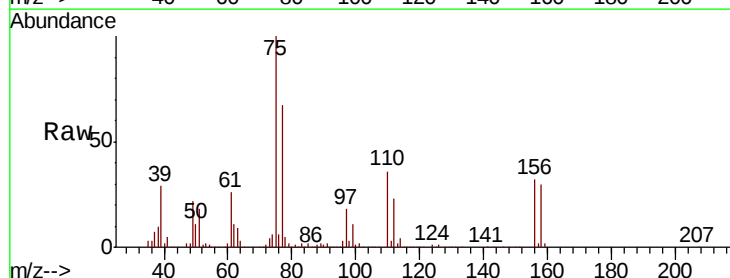
Lab File: VW005405.D

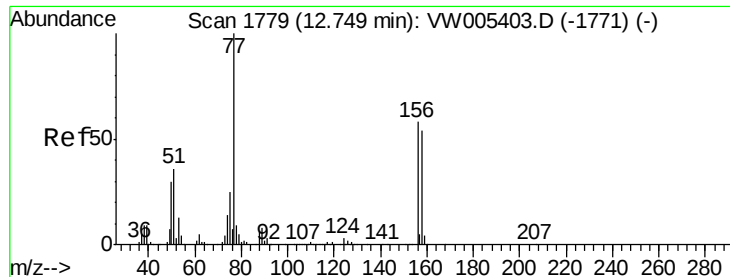
Acq: 15 Sep 2018 00:57

Tgt Ion: 75 Resp: 129944
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 98.89 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

Instrument :

MSVOA_W

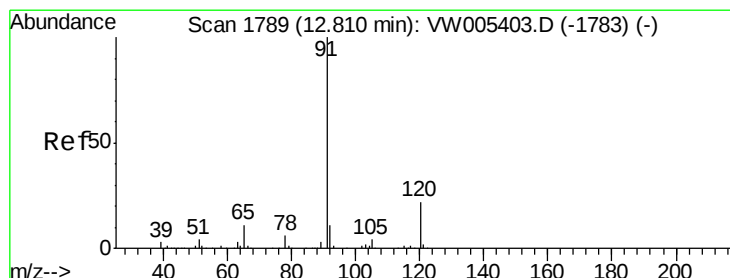
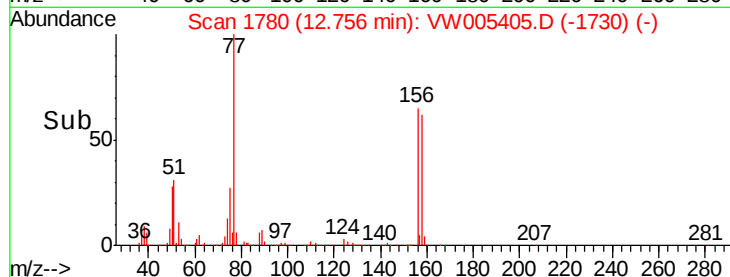
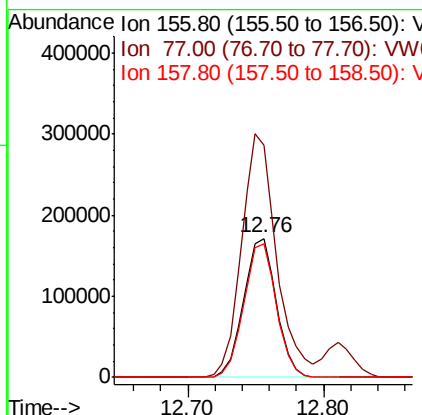
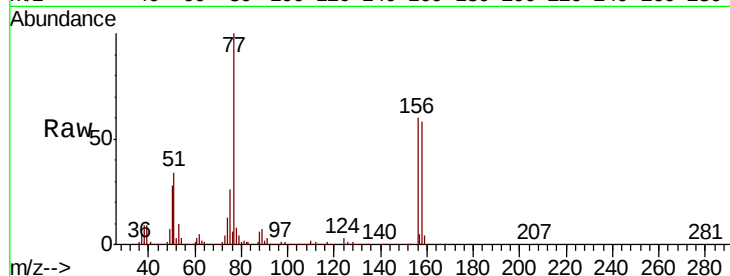
ClientSampleId :

VSTDIC100

Tot Ion	Ratio	Lower	Upper
156	100		
77	187.7	92.8	278.3
158	96.2	48.2	144.6

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#78

n-propylbenzene

Concen: 102.89 ug/l

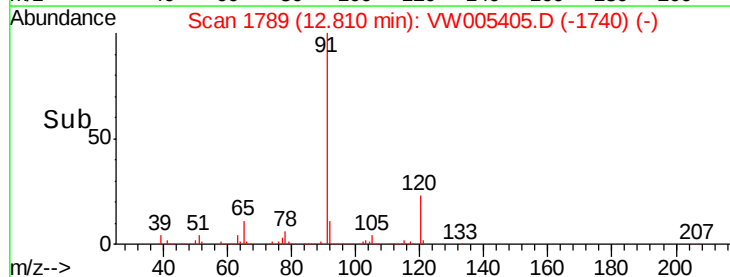
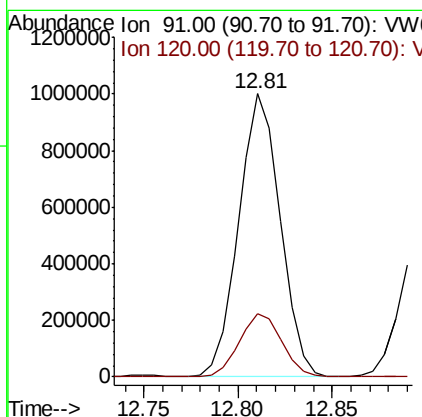
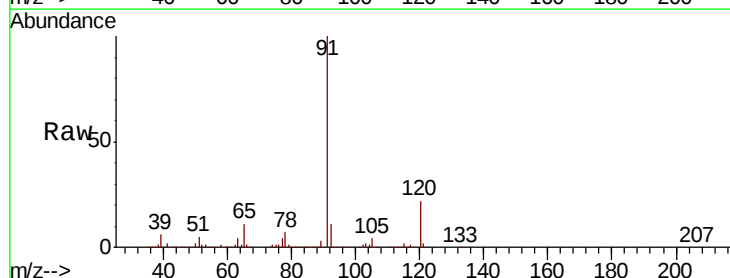
RT: 12.81 min Scan# 1789

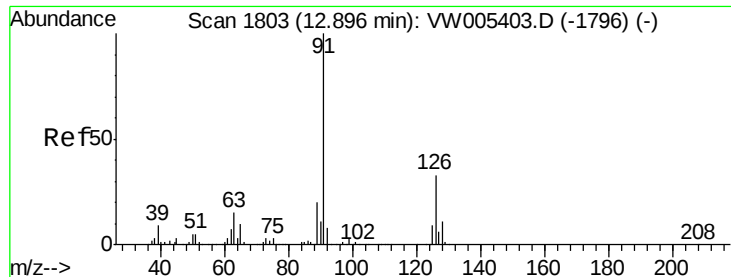
Delta R.T. 0.00 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.3	33.8





#79

2-Chlorotoluene

Concen: 104.20 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 888873

Ion Ratio Lower Upper

91 100

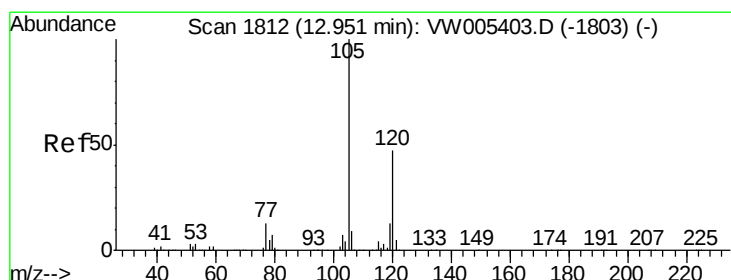
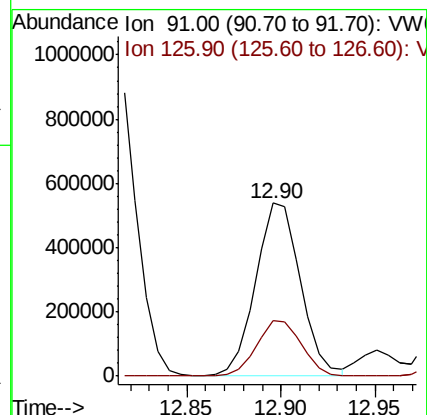
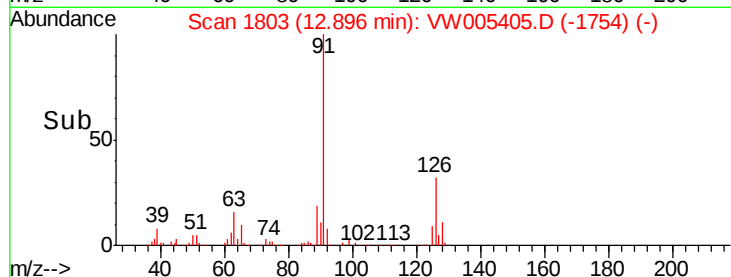
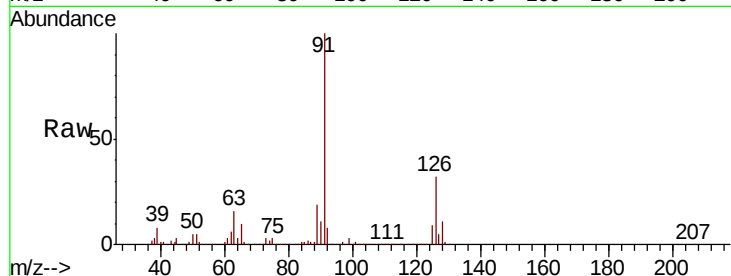
126 32.3 16.4 49.1

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#80

1,3,5-Trimethylbenzene

Concen: 104.46 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW005405.D

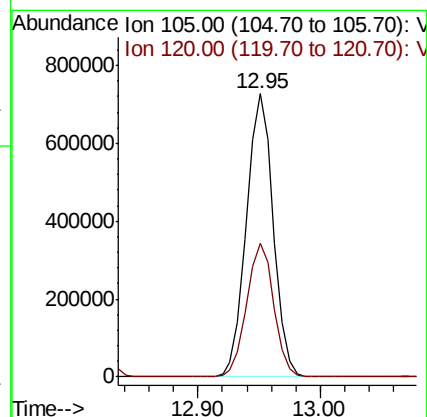
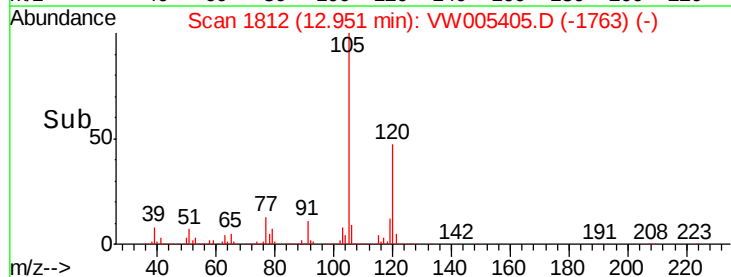
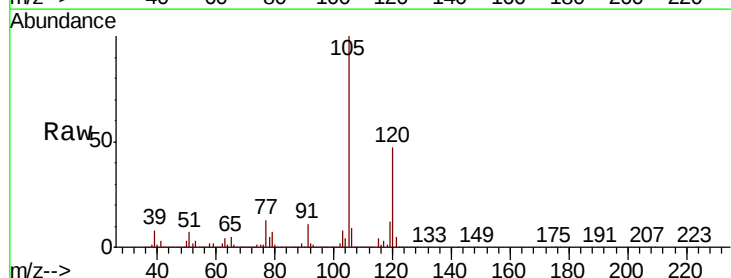
Acq: 15 Sep 2018 00:57

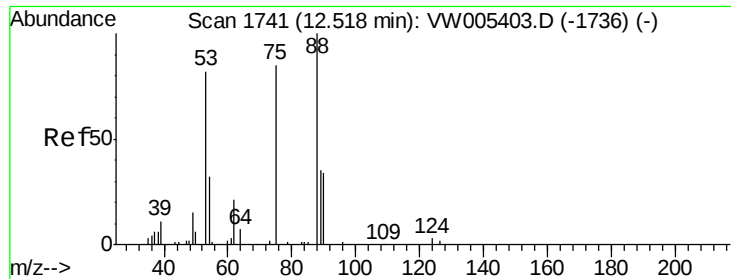
Tgt Ion:105 Resp: 1104822

Ion Ratio Lower Upper

105 100

120 47.5 23.5 70.5





#81

trans-1,4-Dichloro-2-butene

Concen: 99.62 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

Instrument :

MSVOA_W

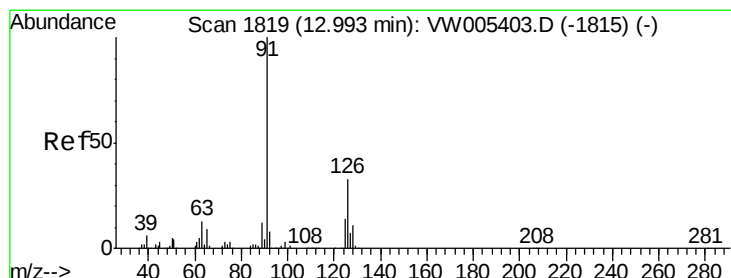
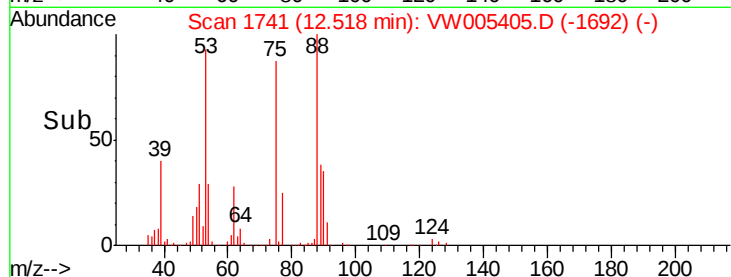
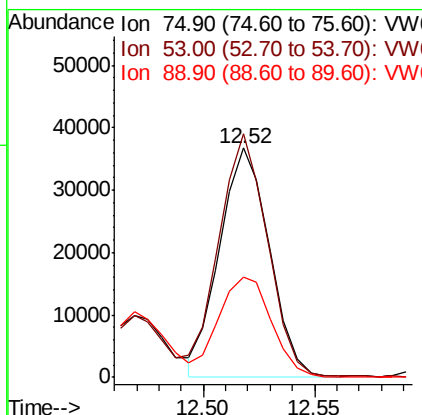
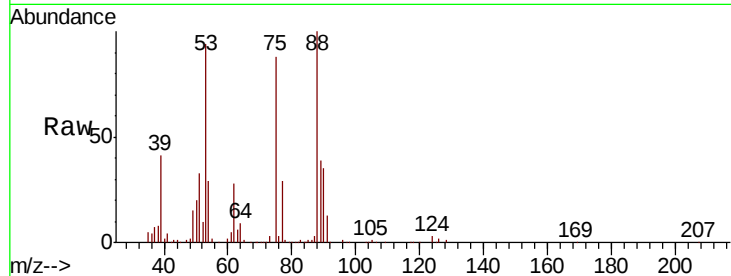
ClientSampled :

VSTDIC100

Tot Ion:	75	Resp:	56644
Ion	Ratio	Lower	Upper
75	100		
53	106.8	83.2	124.8
89	47.0	36.6	54.8

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#82

4-Chlorotoluene

Concen: 102.65 ug/l

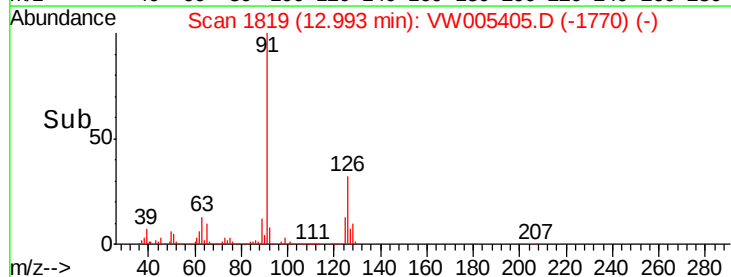
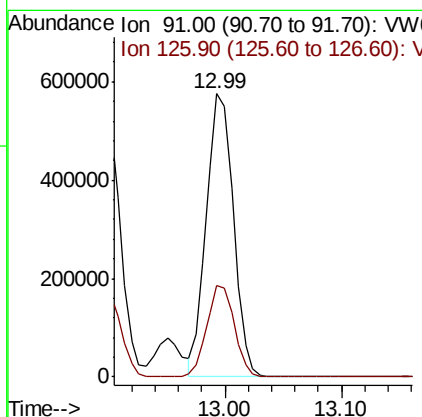
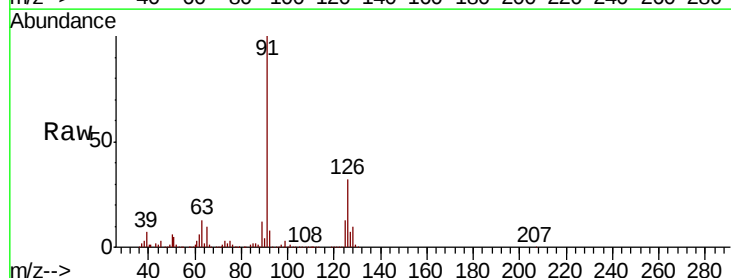
RT: 12.99 min Scan# 1819

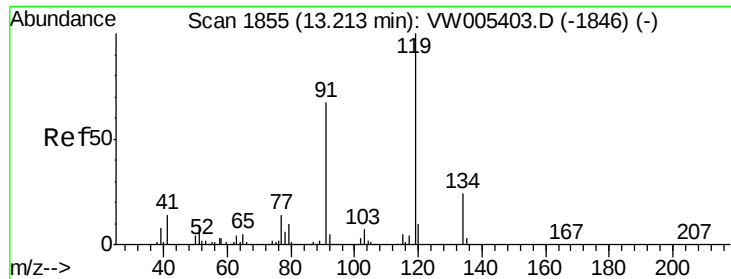
Delta R.T. 0.00 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

Tgt Ion:	91	Resp:	922433
Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.4	49.1





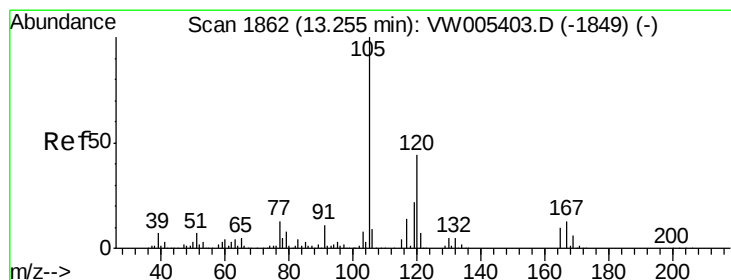
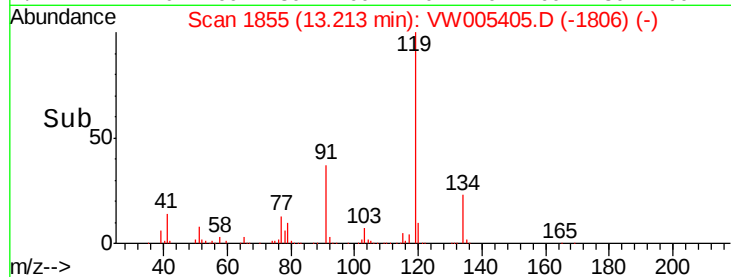
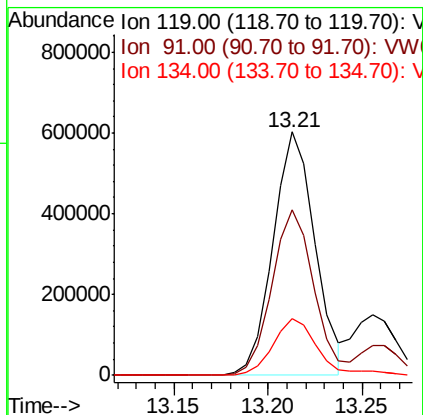
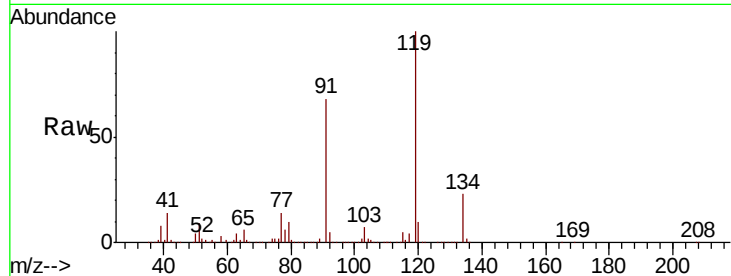
#83
 tert-Butylbenzene
 Concen: 101.15 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW005405.D
 Acq: 15 Sep 2018 00:57

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.7	34.4	103.2
134	25.0	12.7	38.0

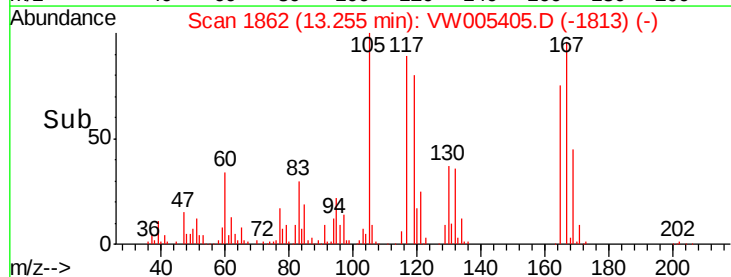
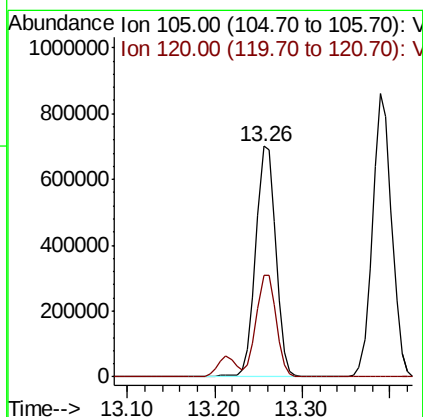
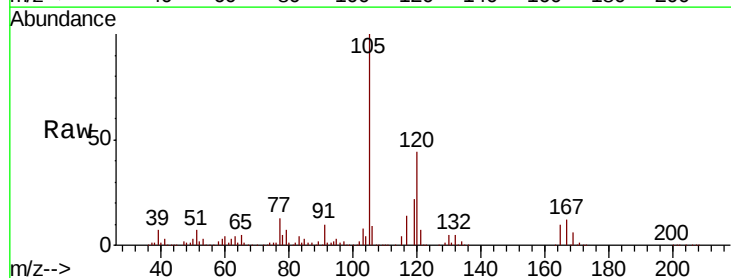
Manual Integrations
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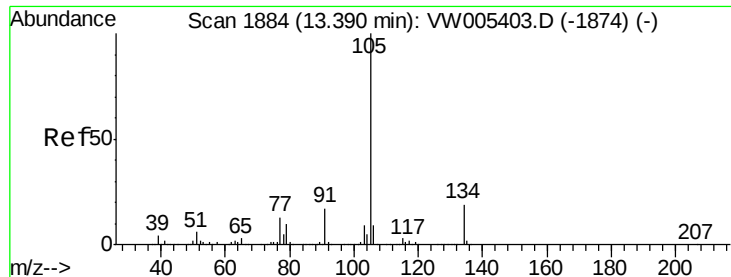
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#84
 1,2,4-Trimethylbenzene
 Concen: 104.59 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW005405.D
 Acq: 15 Sep 2018 00:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.9	21.8	65.3





#85

sec-Butylbenzene

Concen: 100.02 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 1316828

Ion Ratio Lower Upper

105 100

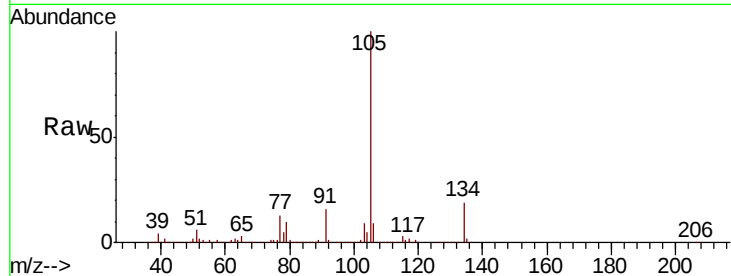
134 19.7 9.8 29.5

Manual Integrations

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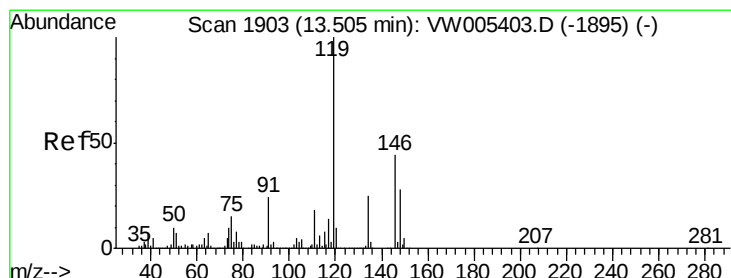
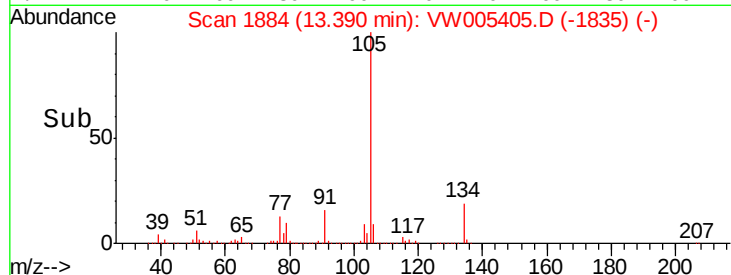
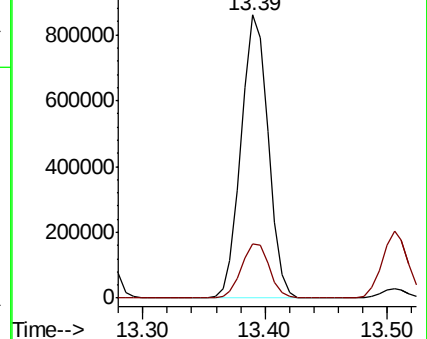
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 101.91 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

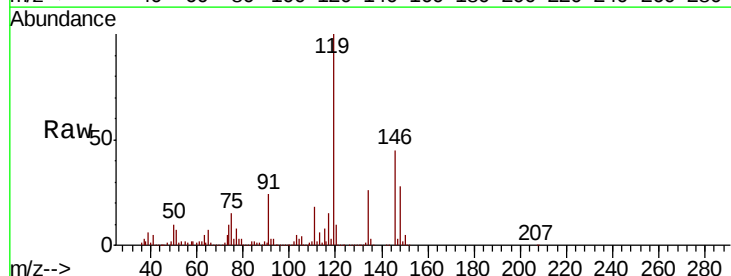
Tgt Ion:119 Resp: 1190182

Ion Ratio Lower Upper

119 100

134 25.4 12.6 37.8

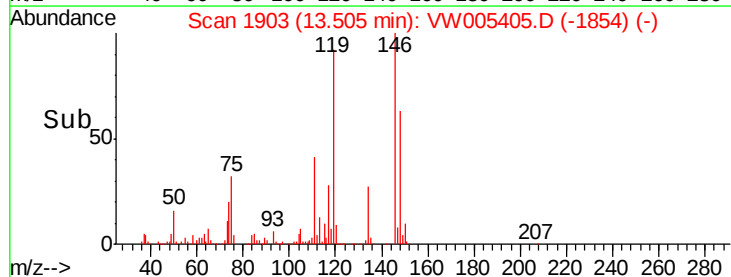
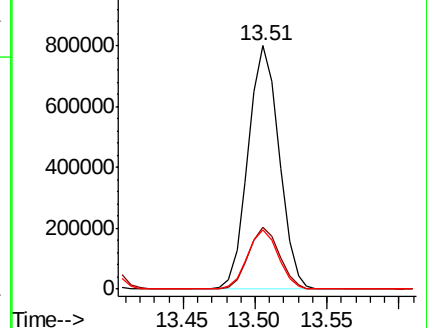
91 24.1 12.0 36.0

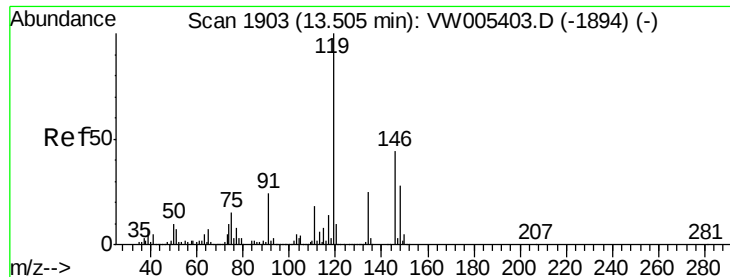


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





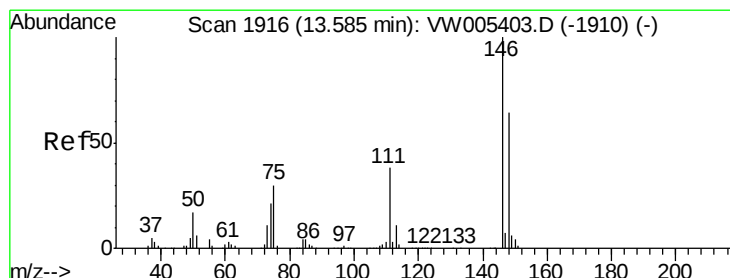
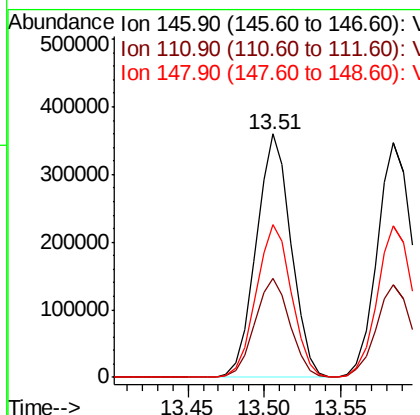
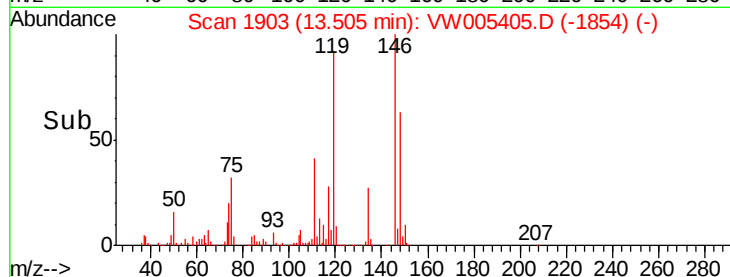
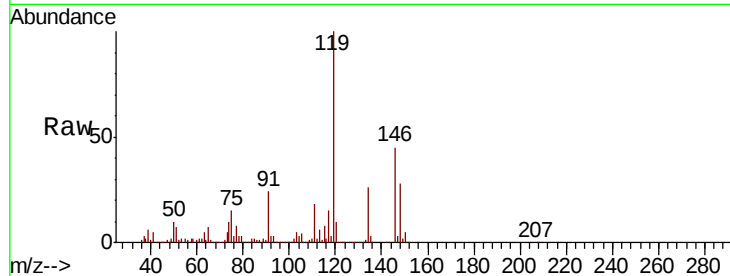
#87
 1,3-Dichlorobenzene
 Concen: 94.23 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005405.D
 Acq: 15 Sep 2018 00:57

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
146	100	571144		
111	40.6	20.4	61.2	
148	63.2	32.0	96.0	

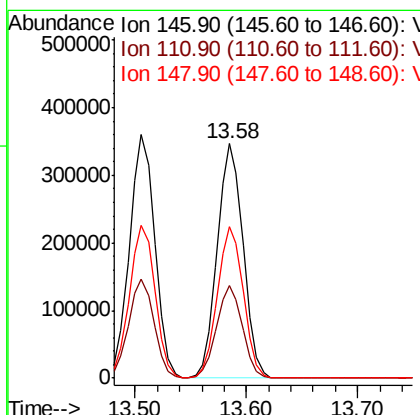
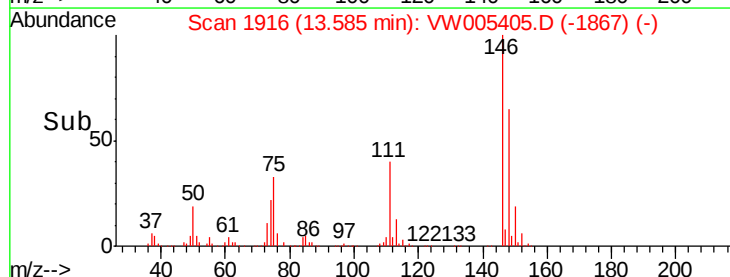
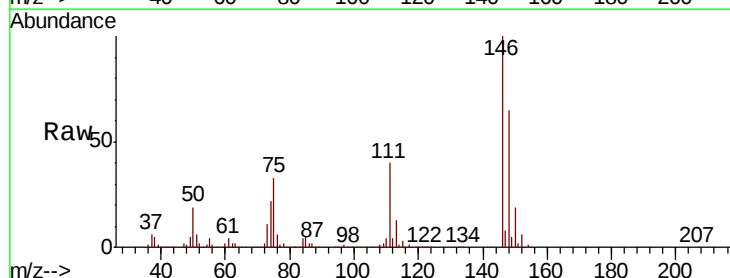
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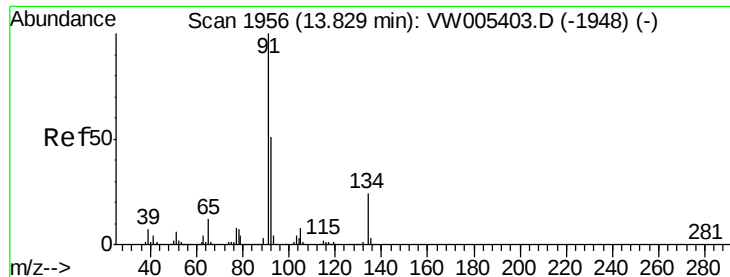
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#88
 1,4-Dichlorobenzene
 Concen: 92.87 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW005405.D
 Acq: 15 Sep 2018 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	556330		
111	39.4	19.6	58.8	
148	64.5	31.8	95.4	





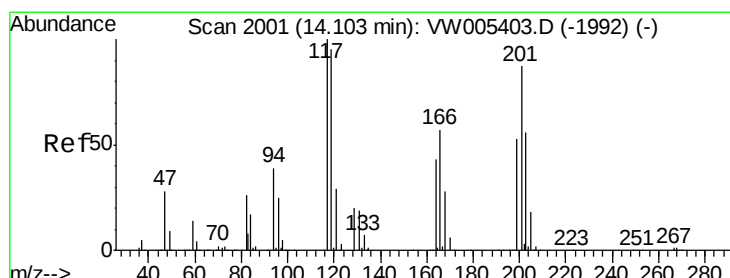
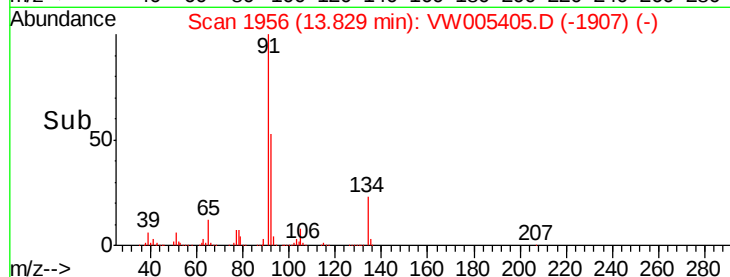
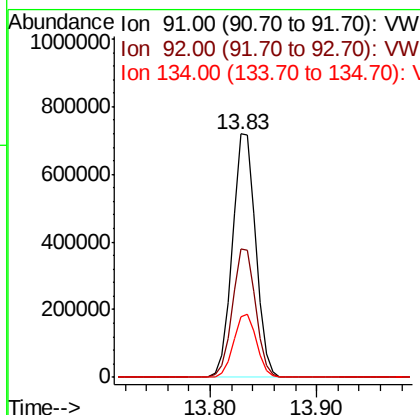
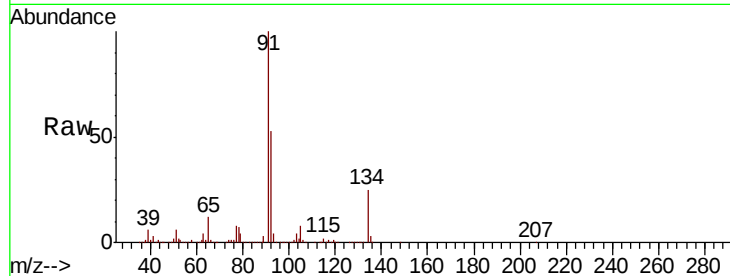
#89
n-Butylbenzene
Concen: 100.71 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.2	78.6
134	25.6	12.7	38.1

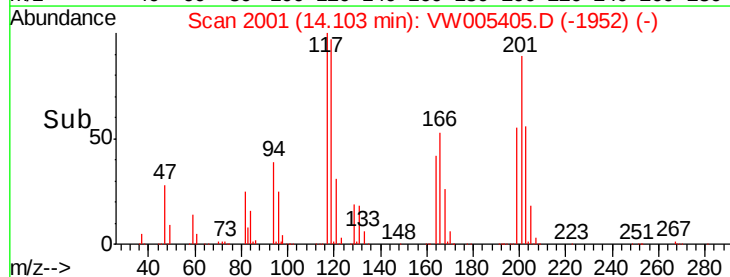
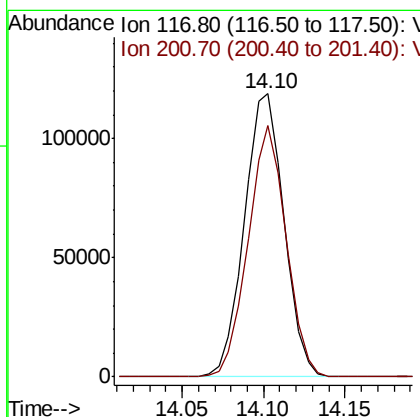
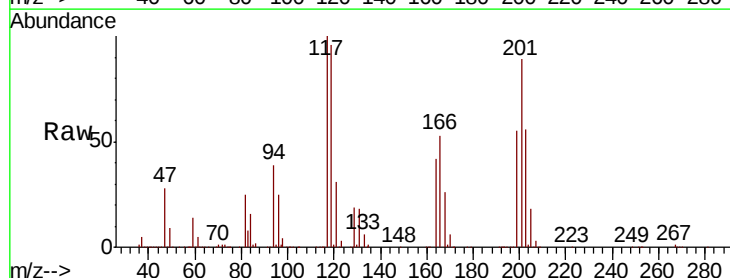
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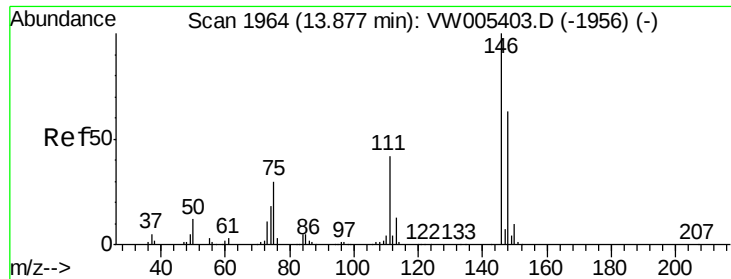
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#90
Hexachloroethane
Concen: 105.93 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.00 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.0	42.5	127.5





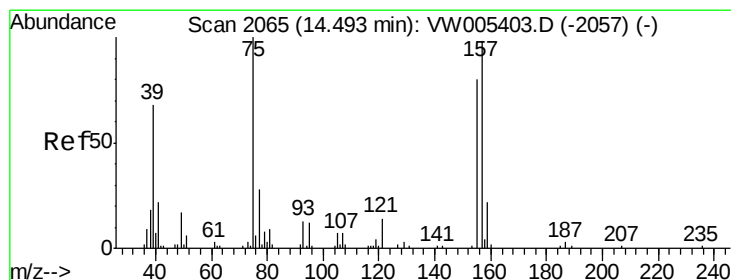
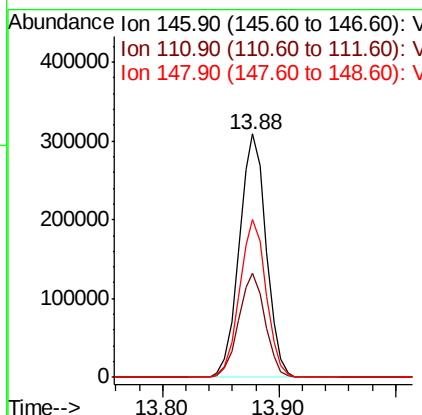
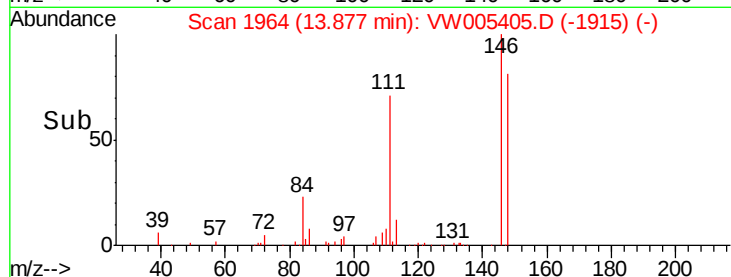
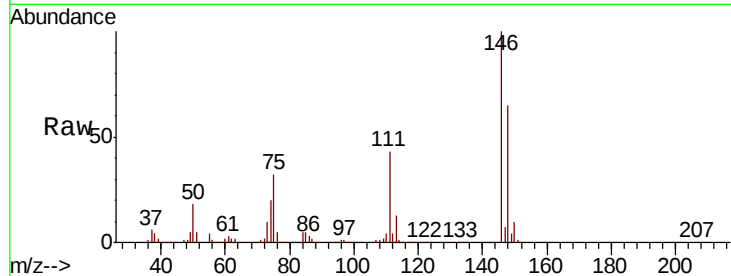
#91
 1,2-Dichlorobenzene
 Concen: 92.53 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW005405.D
 Acq: 15 Sep 2018 00:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.0	63.0
148	64.4	31.9	95.9

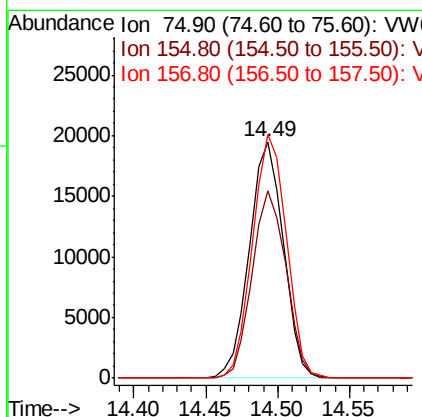
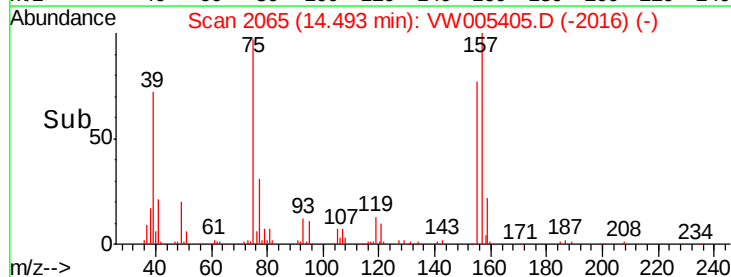
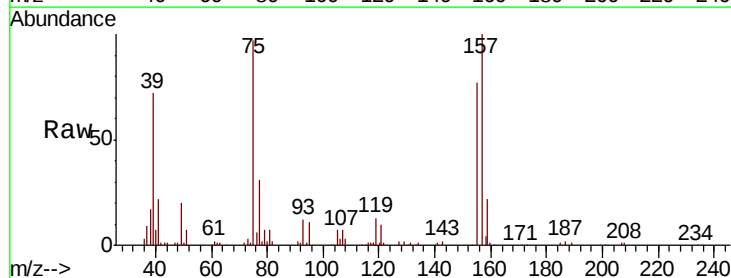
Manual Integrations
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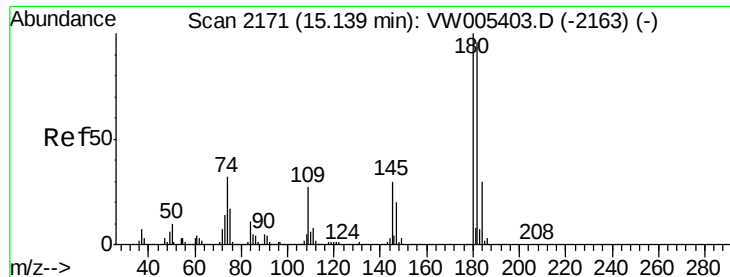
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 102.07 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW005405.D
 Acq: 15 Sep 2018 00:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.9	39.0	117.0
157	102.6	49.9	149.6





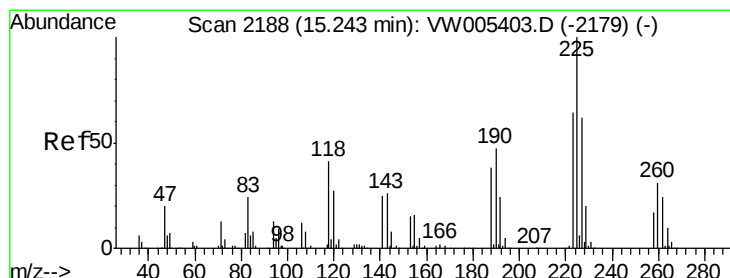
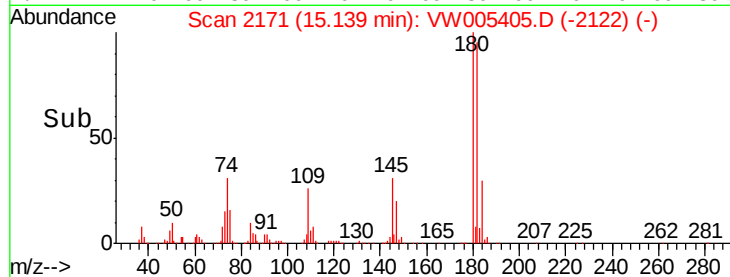
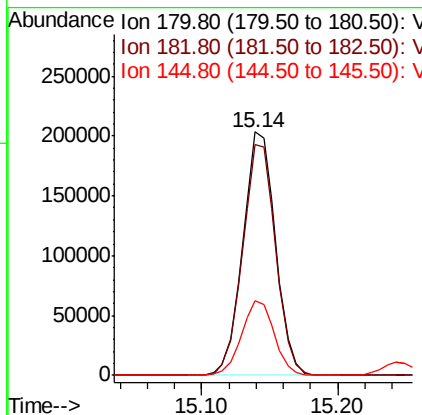
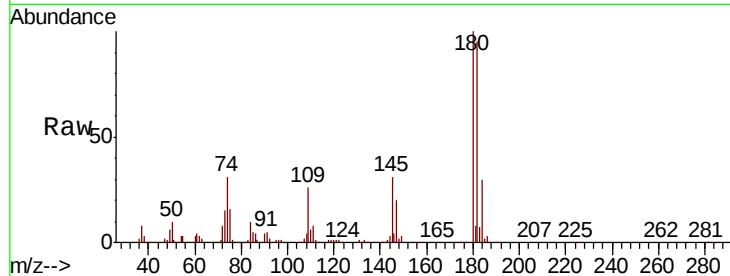
#93
 1,2,4-Trichlorobenzene
 Concen: 90.55 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW005405.D
 Acq: 15 Sep 2018 00:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.6	47.3	141.9	
145	30.6	14.8	44.3	

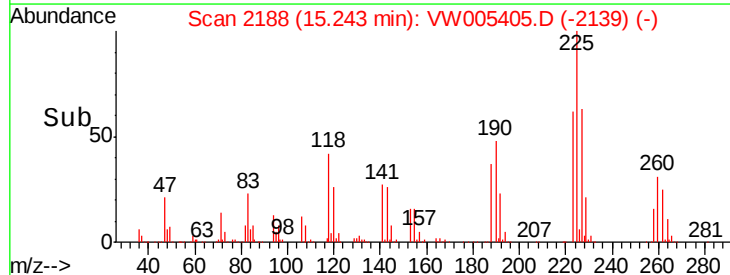
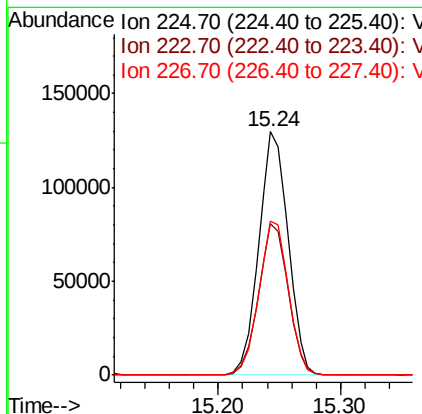
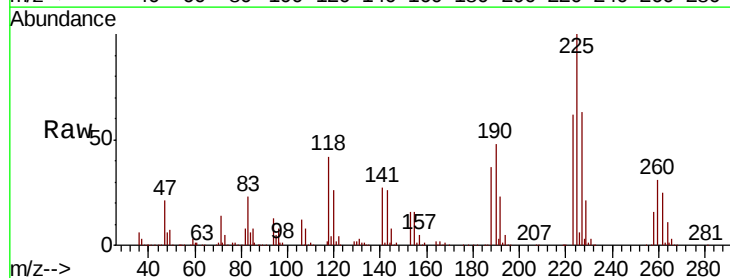
Manual Integrations
 APPROVED

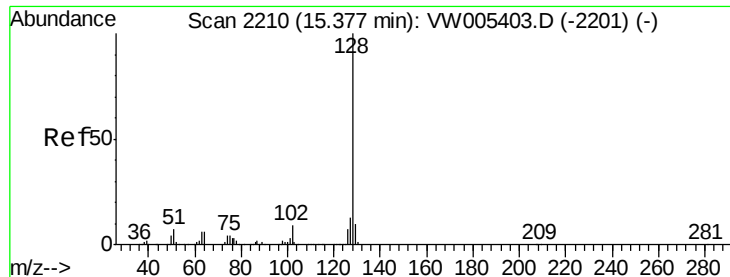
apatel
 9/17/2018 2:24:05 PM



#94
 Hexachlorobutadiene
 Concen: 90.06 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW005405.D
 Acq: 15 Sep 2018 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.6	31.2	93.6	
227	63.7	31.6	95.0	





#95

Naphthalene

Concen: 101.95 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

Instrument :

MSVOA_W

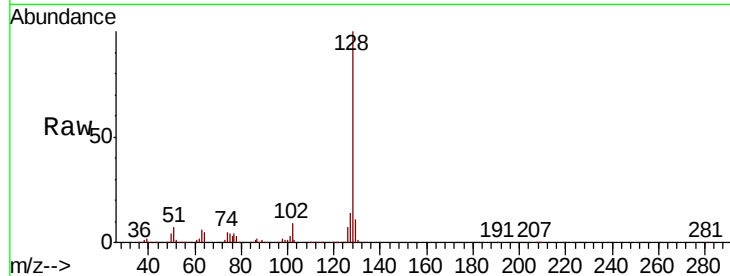
ClientSampleId :

VSTDIC100

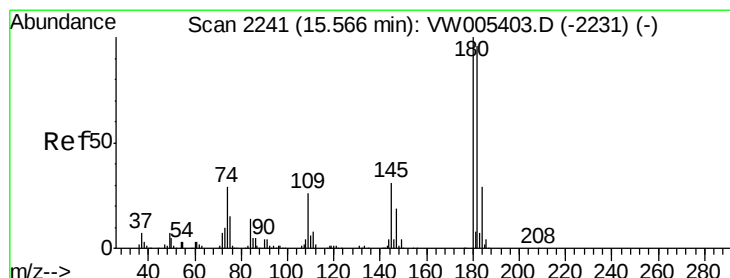
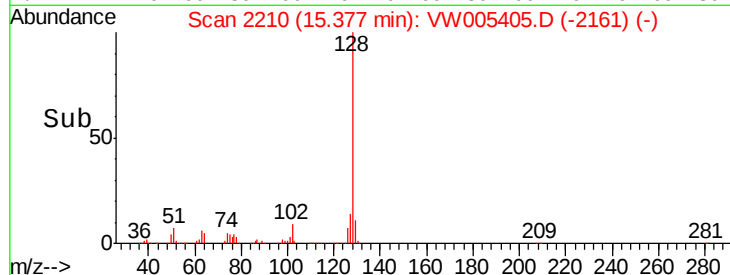
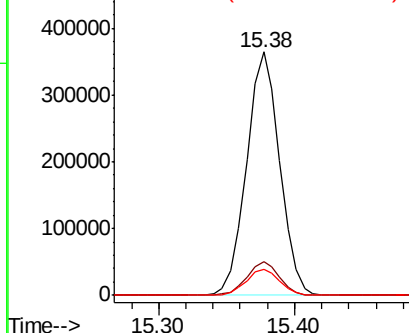
Tot Ion:	128	Resp:	621692
Ion Ratio	Lower	Upper	
128	100		
127	13.6	11.0	16.4
129	10.9	8.7	13.1

Manual Integrations
APPROVED

apatel
9/17/2018 2:24:05 PM



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 92.90 ug/l

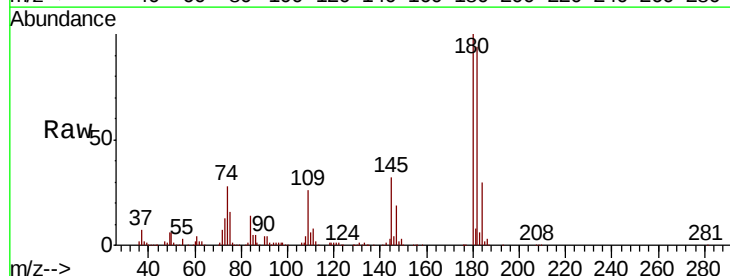
RT: 15.57 min Scan# 2241

Delta R.T. 0.00 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

Tgt Ion:	180	Resp:	300530
Ion Ratio	Lower	Upper	
180	100		
182	94.8	48.1	144.4
145	31.9	15.9	47.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

