

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091618\
 Data File : VW005400.D
 Acq On : 14 Sep 2018 22:50
 Operator : SY/AP
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Manual Integrations
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 9/17/2018 2:23:44 PM

Quant Time: Sep 15 02:27:41 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	205414	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	314468	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	309419	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	164257	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.32	65	12309	7.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	15.22%	
35) Dibromofluoromethane	7.90	113	9593	5.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.62%	
50) Toluene-d8	10.33	98	41563	5.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.12%	
62) 4-Bromofluorobenzene	12.62	95	15097	4.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	11444	6.35	ug/l	99
3) Chloromethane	2.21	50	13719	5.77	ug/l	97
4) Vinyl Chloride	2.36	62	12597	5.75	ug/l	97
5) Bromomethane	2.78	94	11563	7.73	ug/l	91
6) Chloroethane	2.92	64	7536	6.15	ug/l	92
7) Trichlorofluoromethane	3.27	101	17116	6.70	ug/l	96
8) Diethyl Ether	3.69	74	4888	5.54	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.07	101	10072	5.73	ug/l	99
10) Methyl Iodide	4.28	142	4977	2.56	ug/l	97
11) Tert butyl alcohol	5.23	59	5348m	42.03	ug/l	
12) 1,1-Dichloroethene	4.04	96	8792	5.45	ug/l	99
13) Acrolein	3.92	56	2997	25.64	ug/l	86
14) Allyl chloride	4.68	41	15495	6.03	ug/l	100
15) Acrylonitrile	5.38	53	10656	26.76	ug/l	97
16) Acetone	4.16	43	11348	38.90	ug/l	94
17) Carbon Disulfide	4.39	76	30862	5.46	ug/l	99
18) Methyl Acetate	4.69	43	5934	6.74	ug/l	99
19) Methyl tert-butyl Ether	5.44	73	21275	5.38	ug/l	96
20) Methylene Chloride	4.93	84	19274	7.93	ug/l	94
21) trans-1,2-Dichloroethene	5.44	96	10374	5.48	ug/l	92
22) Diisopropyl ether	6.32	45	27083	5.23	ug/l	92
23) Vinyl Acetate	6.27	43	79091	27.30	ug/l	98
24) 1,1-Dichloroethane	6.23	63	18822	5.94	ug/l	98
25) 2-Butanone	7.19	43	13952	30.27	ug/l	94
26) 2,2-Dichloropropane	7.18	77	18520	6.73	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	11150	5.48	ug/l	94
28) Bromochloromethane	7.52	49	8242	7.07	ug/l #	97
29) Tetrahydrofuran	7.55	42	8618	28.05	ug/l	98
30) Chloroform	7.68	83	20439	6.42	ug/l	93
31) Cyclohexane	7.96	56	20049	6.11	ug/l #	80
32) 1,1,1-Trichloroethane	7.88	97	18626	6.43	ug/l	99
36) 1,1-Dichloropropene	8.09	75	15229	5.26	ug/l	98
37) Ethyl Acetate	7.27	43	6475	5.79	ug/l	97
38) Carbon Tetrachloride	8.07	117	16842	6.10	ug/l	85

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 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleID :
 VSTDIC005

Manual Integrations
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Quant Time: Sep 15 02:27:41 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)
39) Methylcyclohexane	9.34	83	16819	4.47	ug/l	97
40) Benzene	8.33	78	45151	5.32	ug/l	94
41) Methacrylonitrile	7.49	41	3401	5.83	ug/l	90
42) 1,2-Dichloroethane	8.41	62	14762	6.90	ug/l	98
43) Isopropyl Acetate	8.44	43	12039	5.76	ug/l	96
44) Trichloroethene	9.10	130	11289	4.90	ug/l	87
45) 1,2-Dichloropropane	9.37	63	10795	5.30	ug/l	98
46) Dibromomethane	9.46	93	5239	5.21	ug/l	92
47) Bromodichloromethane	9.65	83	14287	5.72	ug/l	94
48) Methyl methacrylate	9.45	41	5717	5.31	ug/l	95
49) 1,4-Dioxane	9.48	88	1727	94.60	ug/l #	98
51) 4-Methyl-2-Pentanone	10.22	43	29589	25.50	ug/l	98
52) Toluene	10.40	92	29166	4.76	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	13279	4.99	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	15106	4.79	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	8412	5.34	ug/l	93
56) Ethyl methacrylate	10.65	69	8546	4.26	ug/l	95
57) 1,3-Dichloropropane	10.94	76	13114	4.96	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	19508	22.28	ug/l	98
59) 2-Hexanone	10.98	43	19676	23.62	ug/l	97
60) Dibromochloromethane	11.13	129	9533	5.37	ug/l	97
61) 1,2-Dibromoethane	11.24	107	7048	4.88	ug/l	97
64) Tetrachloroethene	10.87	164	11563	5.05	ug/l	96
65) Chlorobenzene	11.66	112	34180	5.08	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	10901	5.36	ug/l	97
67) Ethyl Benzene	11.74	91	55849	4.75	ug/l	99
68) m/p-Xylenes	11.85	106	42721	9.07	ug/l	98
69) o-Xylene	12.18	106	19823	4.53	ug/l	97
70) Styrene	12.19	104	30901	4.32	ug/l	99
71) Bromoform	12.35	173	5569	5.07	ug/l #	99
73) Isopropylbenzene	12.47	105	52838	4.58	ug/l	99
74) N-amyl acetate	12.28	43	11013	4.92	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	8612	4.99	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	6748m	5.35	ug/l	
77) Bromobenzene	12.75	156	14051	5.15	ug/l	95
78) n-propylbenzene	12.81	91	63980	4.58	ug/l	99
79) 2-Chlorotoluene	12.90	91	39352	4.91	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	45098	4.54	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.52	75	2483	4.65	ug/l	96
82) 4-Chlorotoluene	12.99	91	41465	4.91	ug/l	99
83) tert-Butylbenzene	13.21	119	37860	4.39	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	45883	4.57	ug/l	99
85) sec-Butylbenzene	13.39	105	56027	4.53	ug/l	99
86) p-Isopropyltoluene	13.51	119	48169	4.39	ug/l	97
87) 1,3-Dichlorobenzene	13.51	146	28906	5.08	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	28683	5.10	ug/l	91
89) n-Butylbenzene	13.83	91	46650	4.52	ug/l	99
90) Hexachloroethane	14.10	117	9220	5.19	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	25132	4.99	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1695	5.78	ug/l	96

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ALS Vial : 5 Sample Multiplier: 1

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MSVOA_W
ClientSampleId :
VSTDICC005

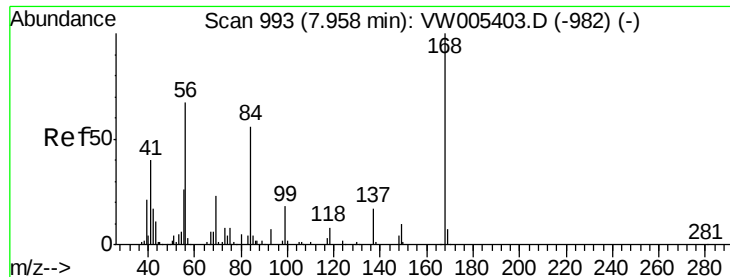
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:05:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	15380	4.35	ug/l	98
94) Hexachlorobutadiene	15.25	225	10591	4.67	ug/l	95
95) Naphthalene	15.38	128	23201	4.05	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	13586	4.47	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 205414

Ion Ratio Lower Upper

168 100

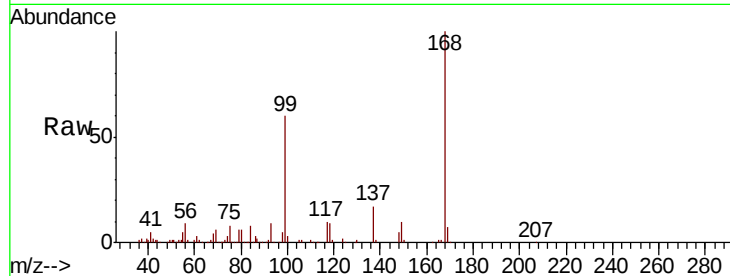
99 60.2 45.0 67.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

100000

80000

60000

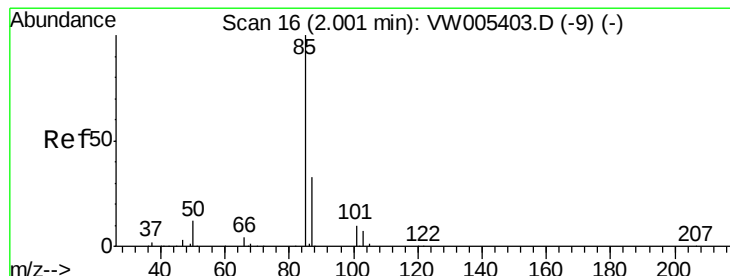
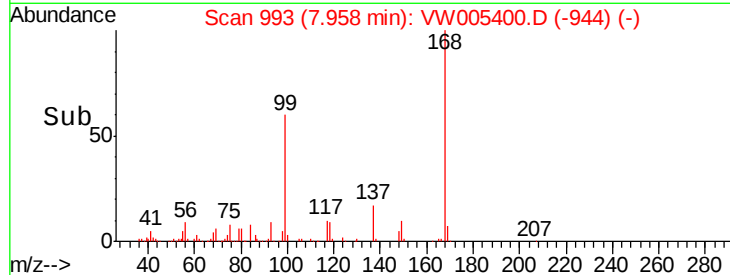
40000

20000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 6.35 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW005400.D

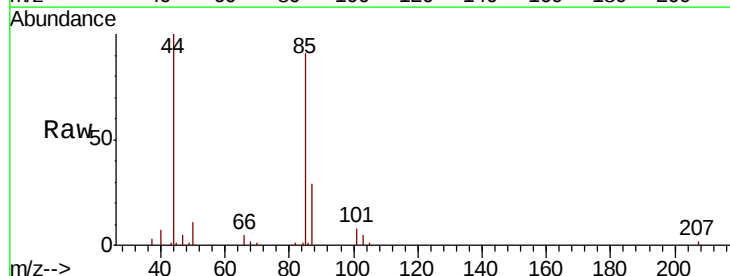
Acq: 14 Sep 2018 22:50

Tgt Ion: 85 Resp: 11444

Ion Ratio Lower Upper

85 100

87 32.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

8000

6000

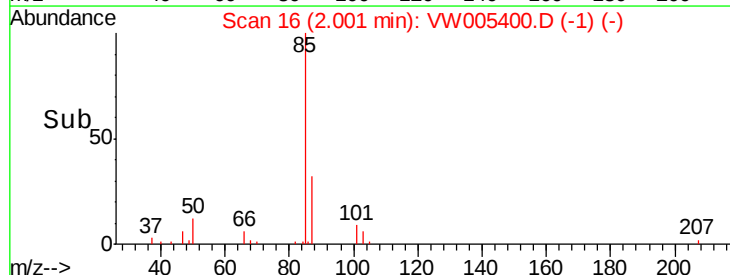
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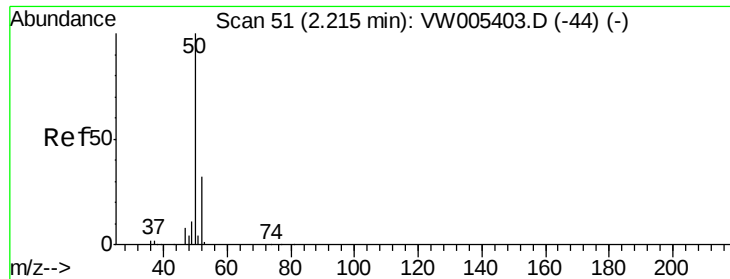
2000

0

1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 5.77 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 13719

Ion Ratio Lower Upper

50 100

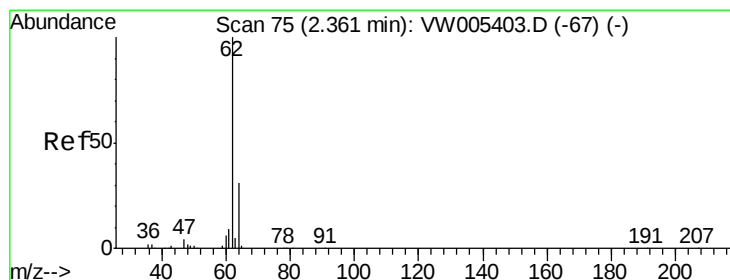
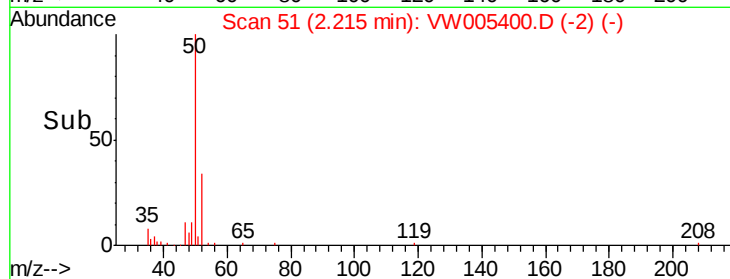
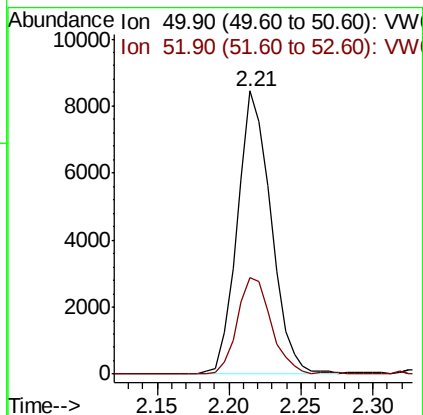
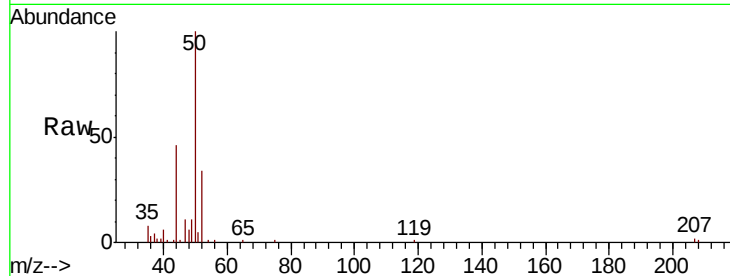
52 34.0 25.8 38.6

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#4

Vinyl Chloride

Concen: 5.75 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW005400.D

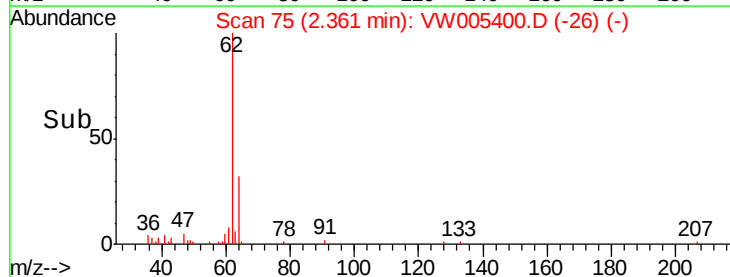
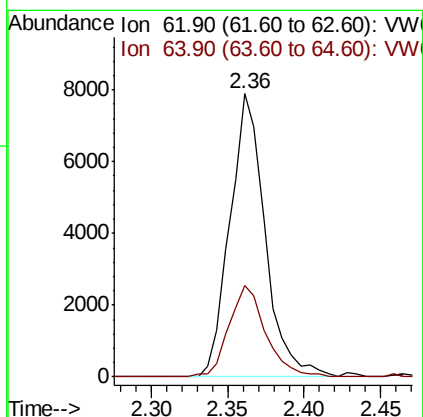
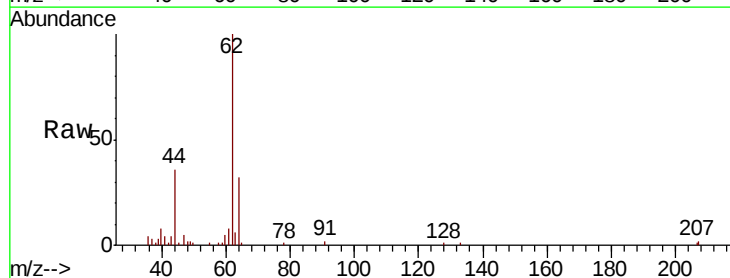
Acq: 14 Sep 2018 22:50

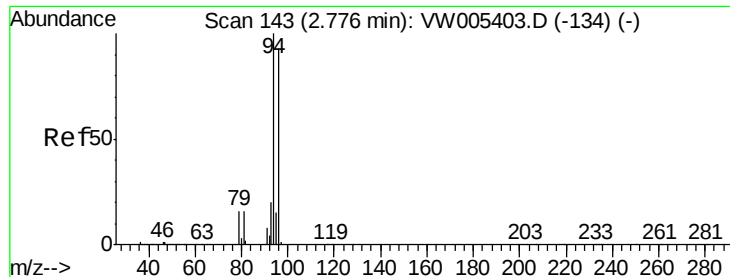
Tgt Ion: 62 Resp: 12597

Ion Ratio Lower Upper

62 100

64 32.3 24.5 36.7





#5

Bromomethane

Concen: 7.73 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Instrument :

MSVOA_W

ClientSampled :

VSTDIC005

Tot Ion: 94 Resp: 11563

Ion Ratio Lower Upper

94 100

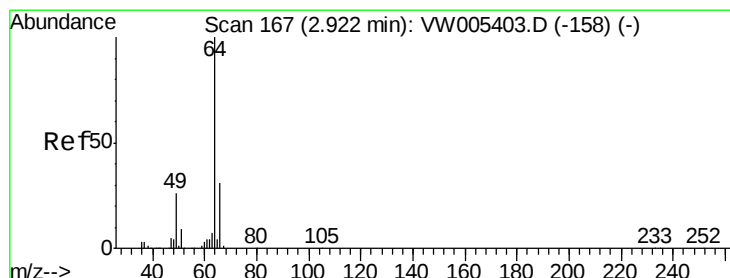
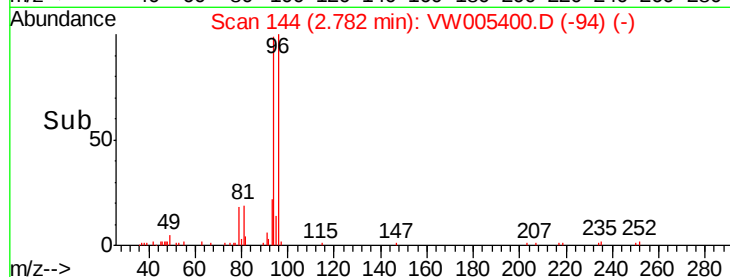
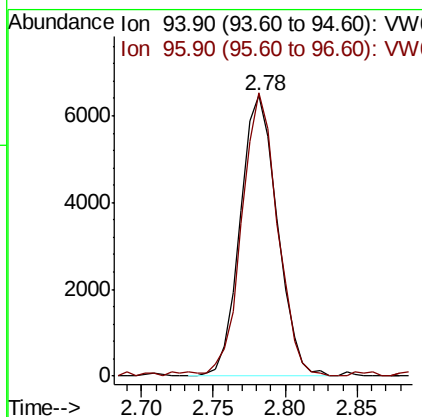
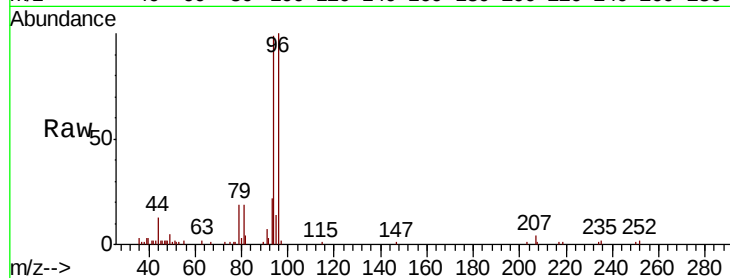
96 101.0 73.7 110.5

Manual Integrations

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#6

Chloroethane

Concen: 6.15 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW005400.D

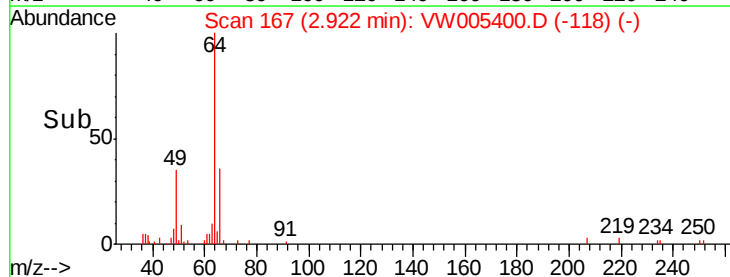
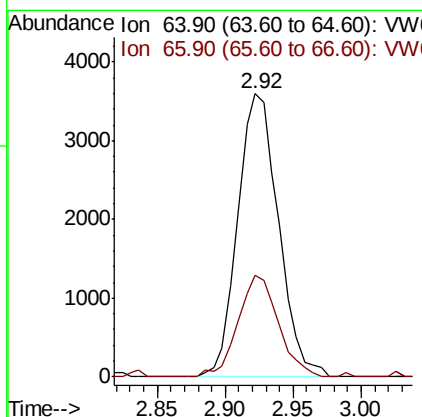
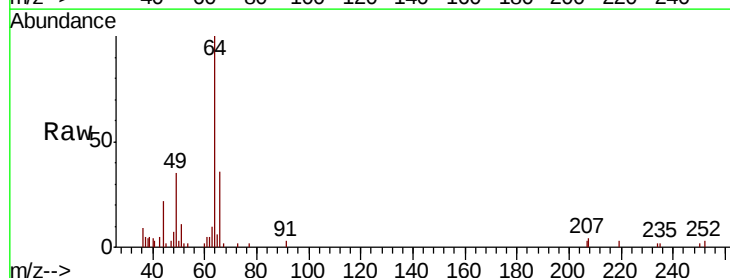
Acq: 14 Sep 2018 22:50

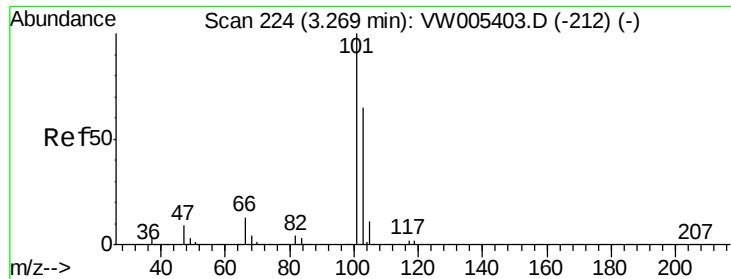
Tgt Ion: 64 Resp: 7536

Ion Ratio Lower Upper

64 100

66 35.9 25.2 37.8





#7

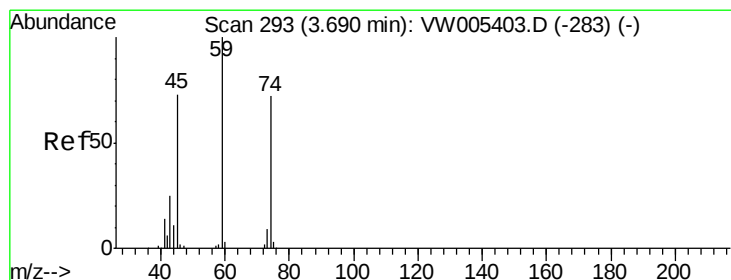
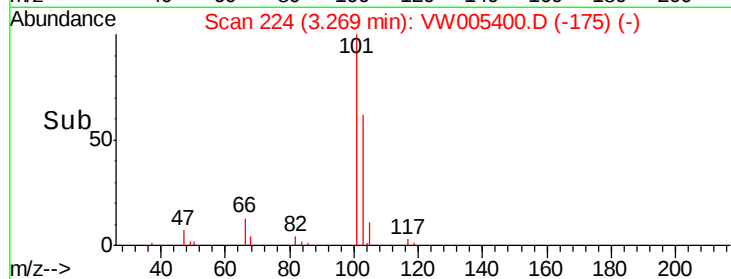
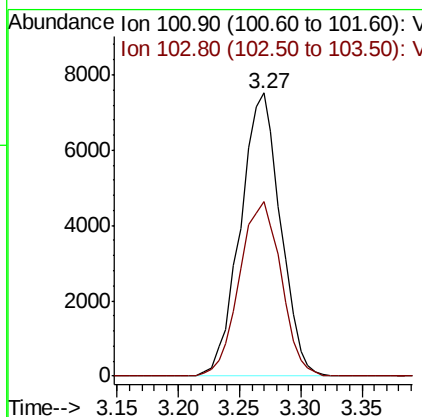
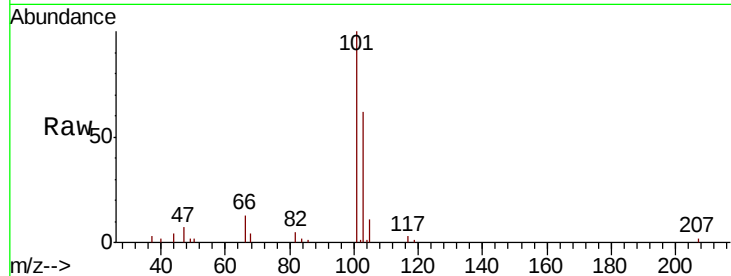
Trichlorofluoromethane
 Concen: 6.70 ug/l
 RT: 3.27 min Scan# 224
 Delta R.T. -0.00 min
 Lab File: VW005400.D
 Acq: 14 Sep 2018 22:50

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.7	51.7	77.5

Manual Integrations
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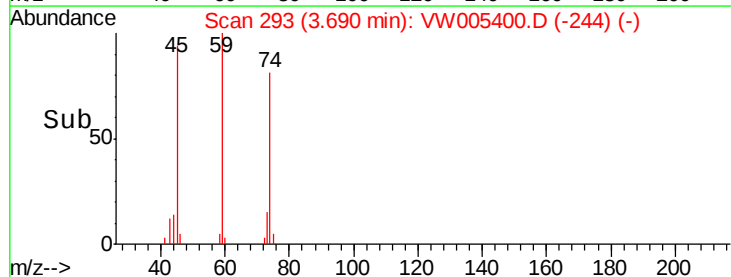
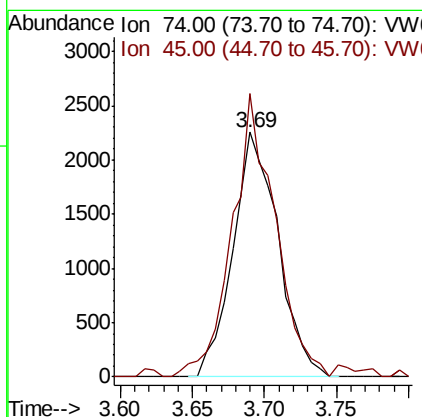
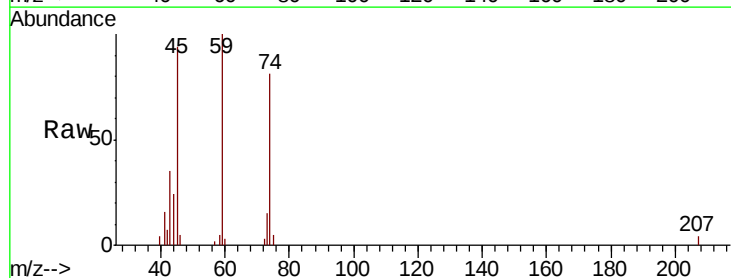
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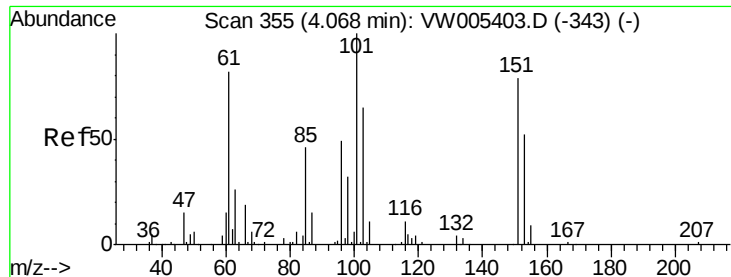


#8

Diethyl Ether
 Concen: 5.54 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW005400.D
 Acq: 14 Sep 2018 22:50

Tgt Ion	Ratio	Lower	Upper
74	100		
45	111.0	53.1	159.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.73 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Instrument :

MSVOA_W

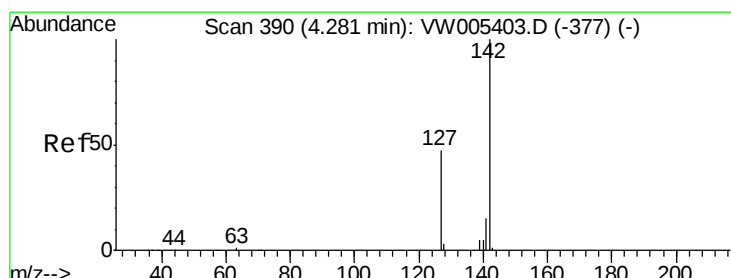
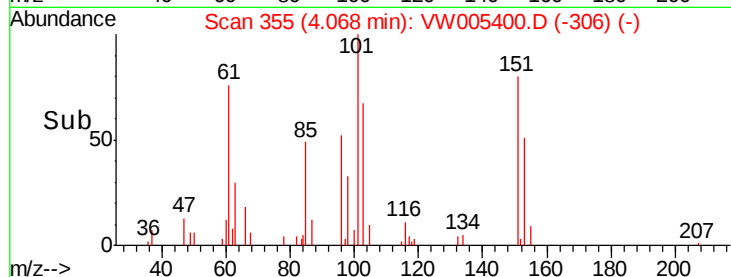
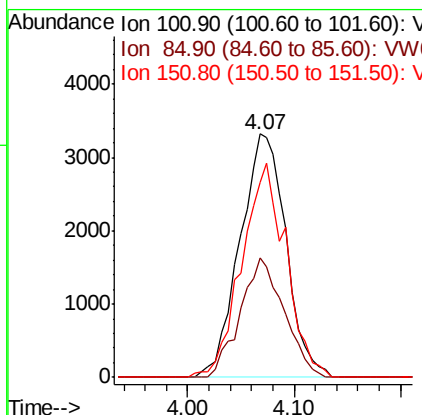
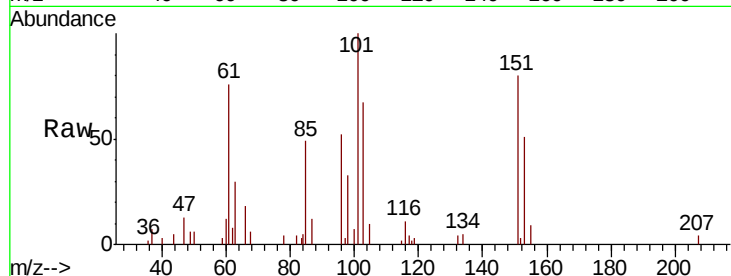
ClientSampleId :

VSTDIC005

Tot Ion:	101	Resp:	10072
Ion Ratio	Lower	Upper	
101	100		
85	46.7	36.6	54.8
151	84.3	66.3	99.5

Manual Integrations
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#10

Methyl Iodide

Concen: 2.56 ug/l

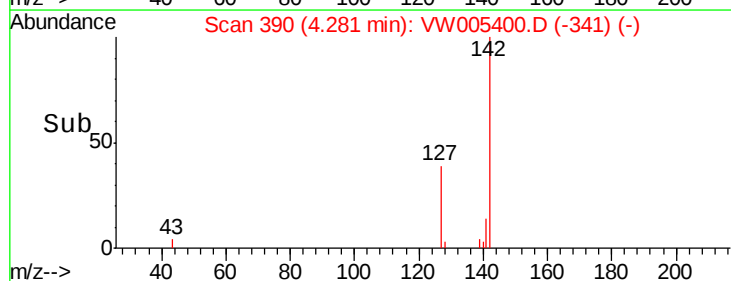
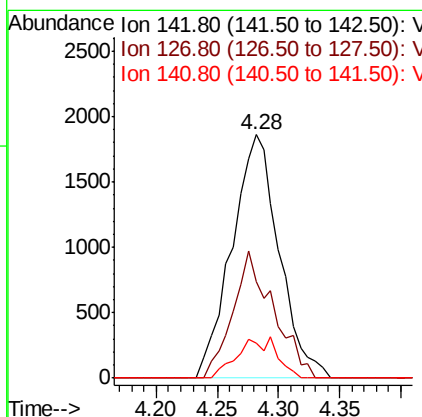
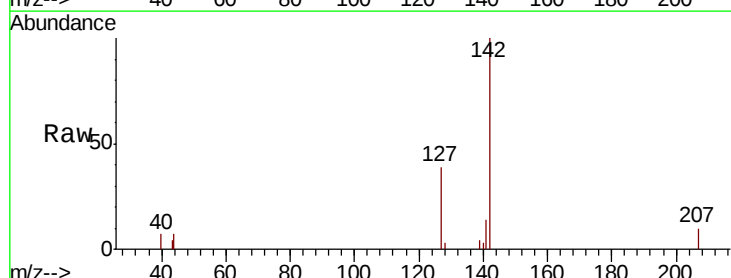
RT: 4.28 min Scan# 390

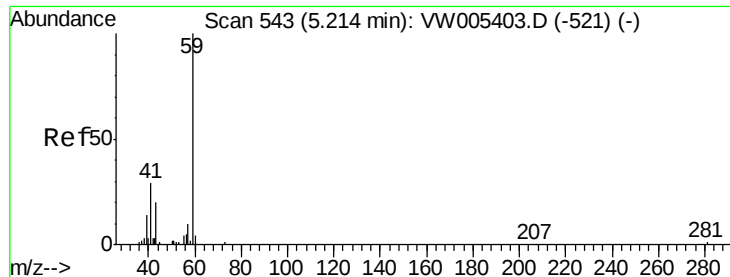
Delta R.T. -0.00 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Tgt Ion:	142	Resp:	4977
Ion Ratio	Lower	Upper	
142	100		
127	45.0	37.5	56.3
141	13.8	12.4	18.6





#11

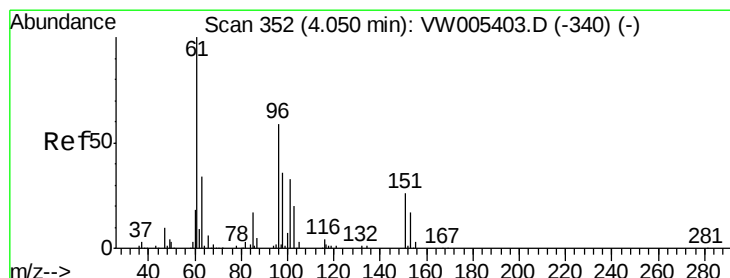
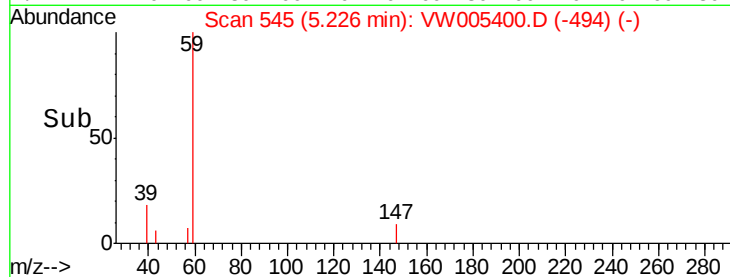
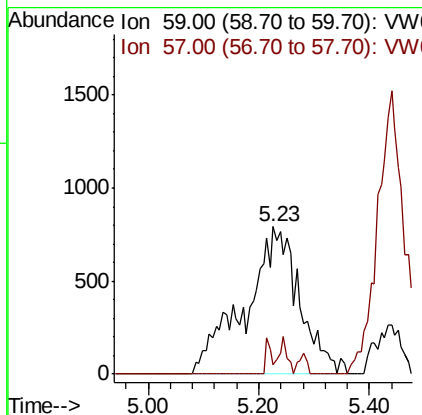
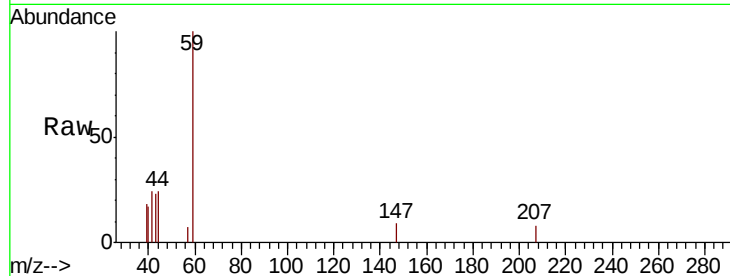
Tert butyl alcohol
 Concen: 42.03 ug/l m
 RT: 5.23 min Scan# 545
 Delta R.T. 0.01 min
 Lab File: VW005400.D
 Acq: 14 Sep 2018 22:50

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
59	100		
57	3.7	8.6	13.0#

Manual Integrations
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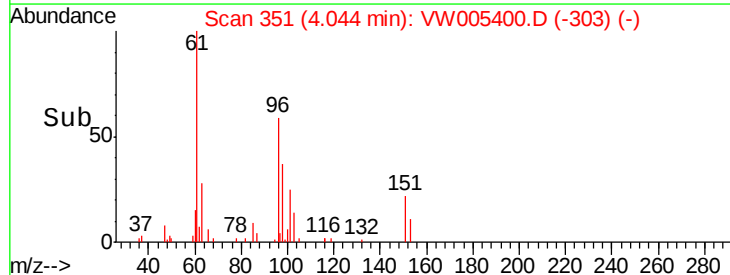
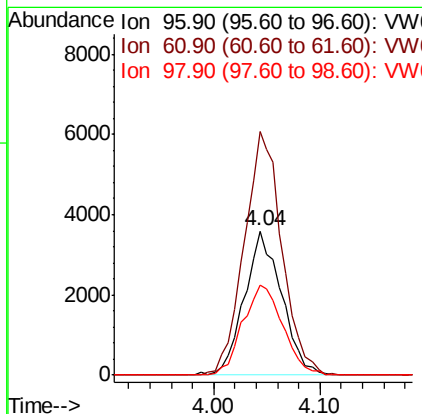
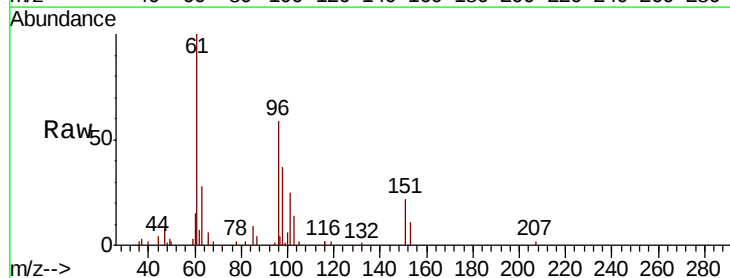
apatel
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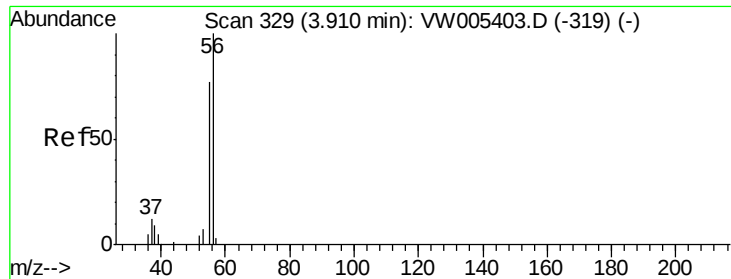


#12

1,1-Dichloroethene
 Concen: 5.45 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VW005400.D
 Acq: 14 Sep 2018 22:50

Tgt Ion	Ratio	Lower	Upper
96	100		
61	169.2	135.7	203.5
98	62.2	48.6	73.0





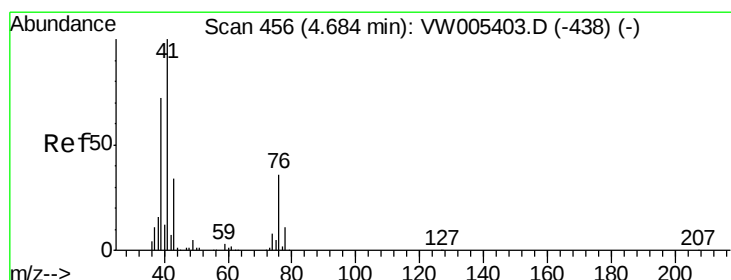
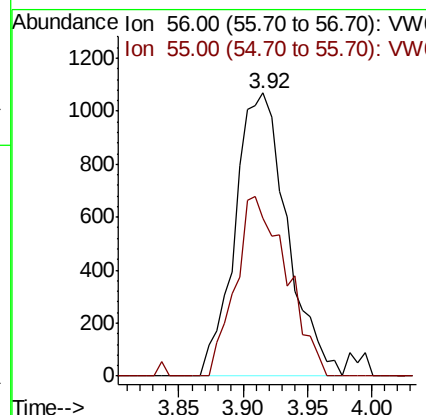
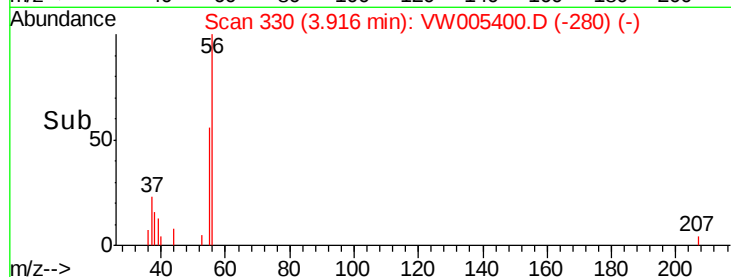
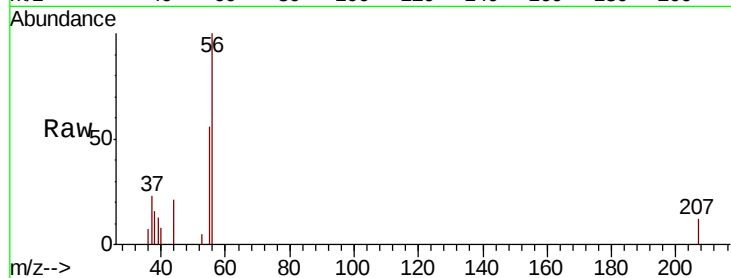
#13
Acrolein
Concen: 25.64 ug/l
RT: 3.92 min Scan# 330
Delta R.T. 0.01 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
56	100		
55	62.6	59.8	89.8

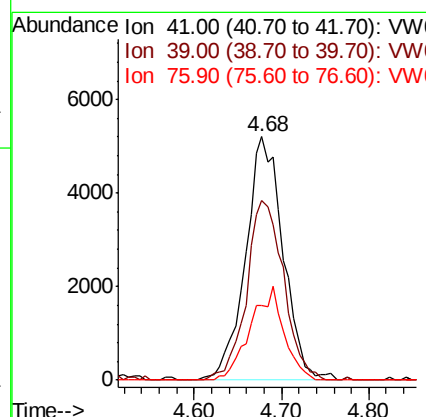
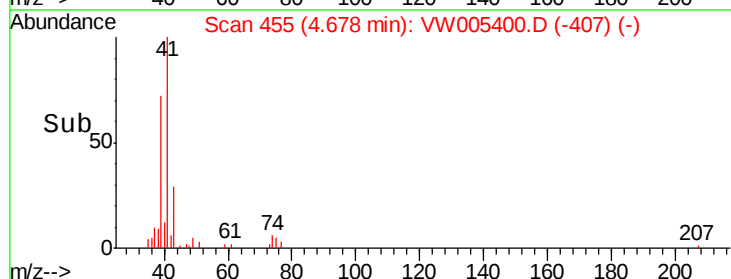
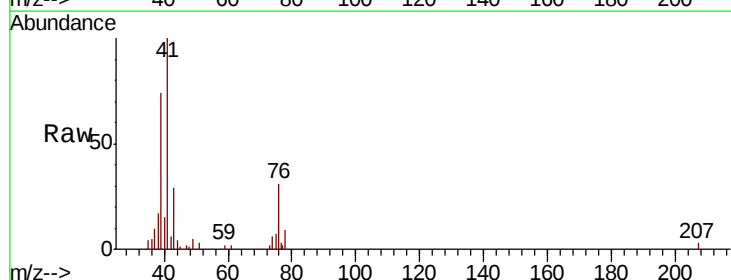
Manual Integrations
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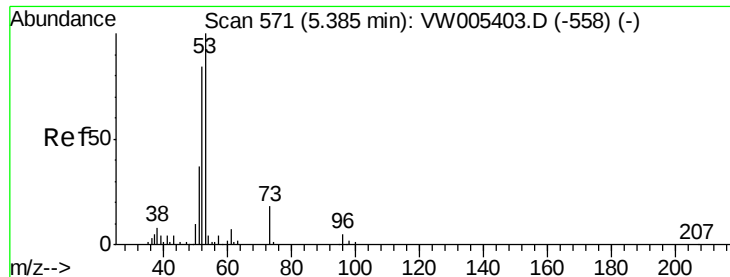
apatel
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#14
Allyl chloride
Concen: 6.03 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

Tgt Ion	Ratio	Lower	Upper
41	100		
39	72.9	58.6	88.0
76	34.2	27.4	41.0





#15

Acrylonitrile

Concen: 26.76 ug/l

RT: 5.38 min Scan# 571

Delta R.T. -0.00 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Instrument :

MSVOA_W

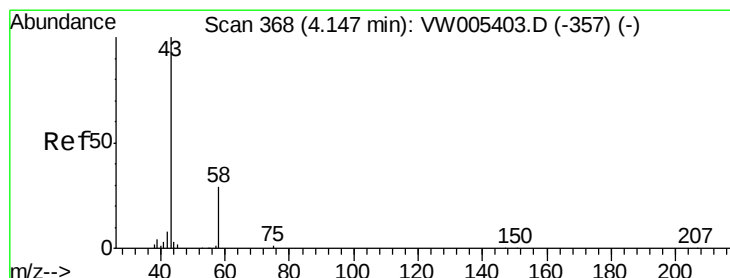
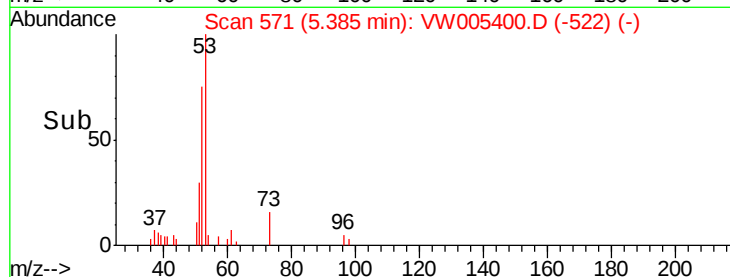
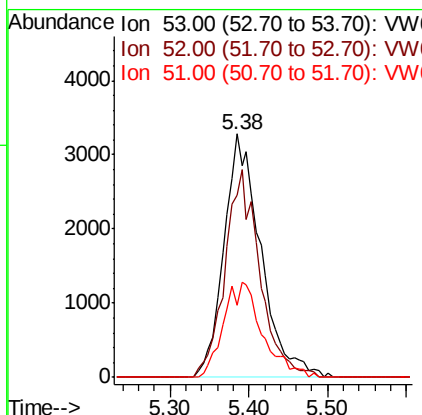
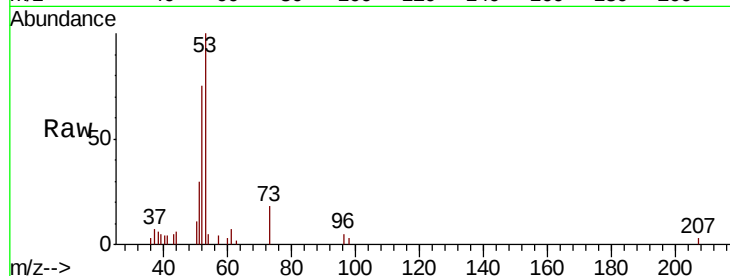
ClientSampleId :

VSTDIC005

Tot Ion:	53	Resp:	10656
Ion Ratio	Lower	Upper	
53	100		
52	80.5	66.6	99.8
51	41.4	31.1	46.7

Manual Integrations
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#16

Acetone

Concen: 38.90 ug/l

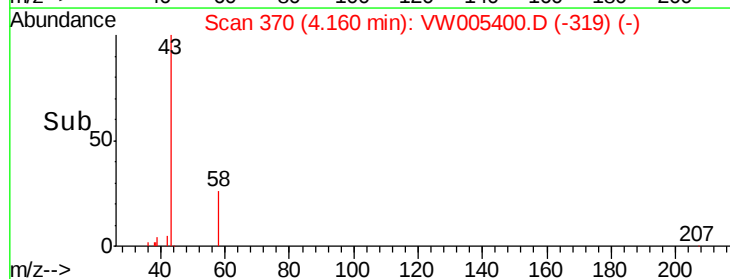
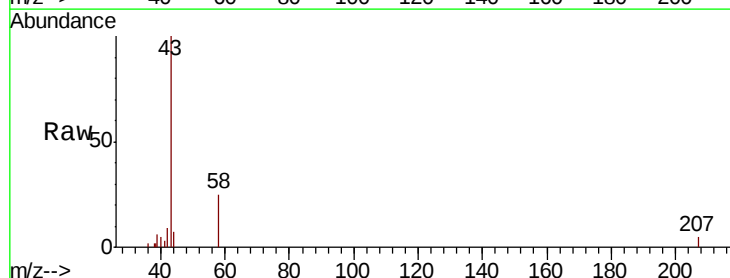
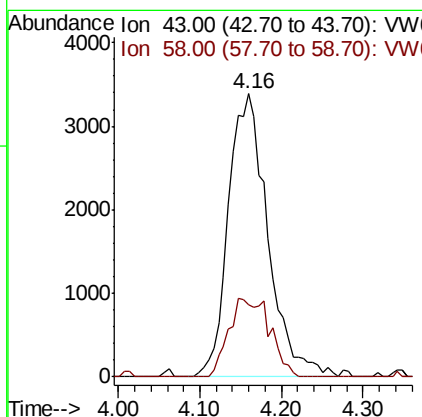
RT: 4.16 min Scan# 370

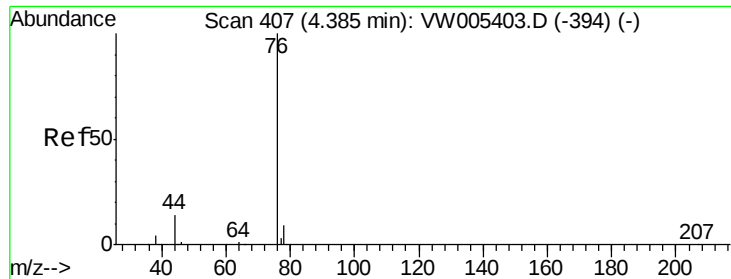
Delta R.T. 0.01 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Tgt Ion:	43	Resp:	11348
Ion Ratio	Lower	Upper	
43	100		
58	25.3	22.8	34.2





#17

Carbon Disulfide

Concen: 5.46 ug/l

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 76 Resp: 30862

Ion Ratio Lower Upper

76 100

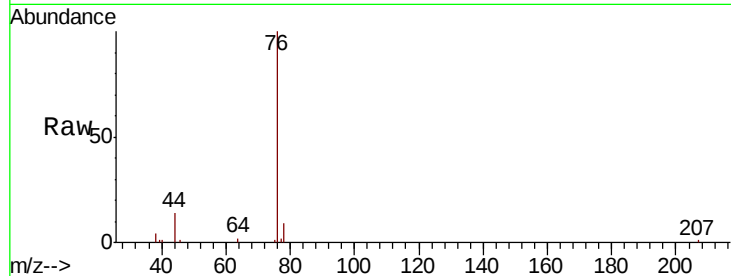
78 9.4 7.4 11.0

Manual Integrations

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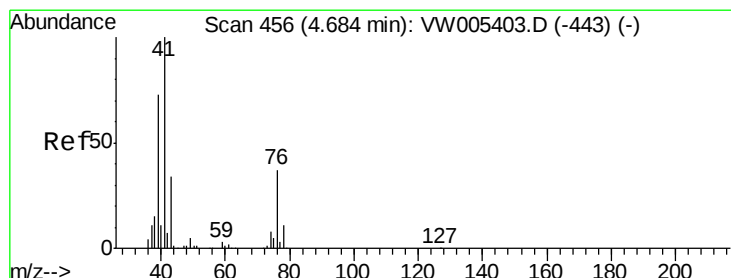
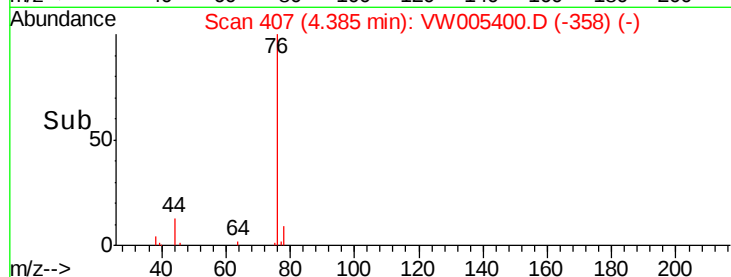
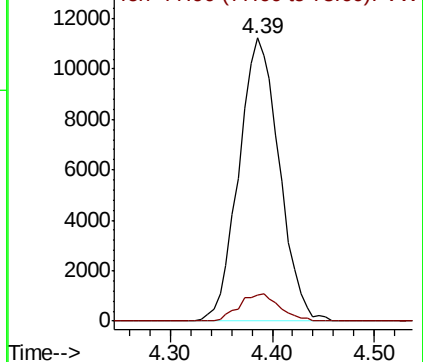
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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 6.74 ug/l

RT: 4.69 min Scan# 457

Delta R.T. 0.01 min

Lab File: VW005400.D

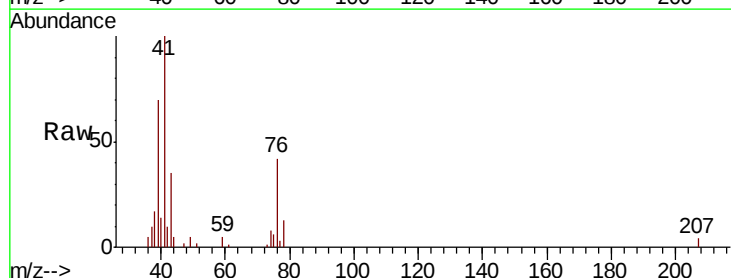
Acq: 14 Sep 2018 22:50

Tgt Ion: 43 Resp: 5934

Ion Ratio Lower Upper

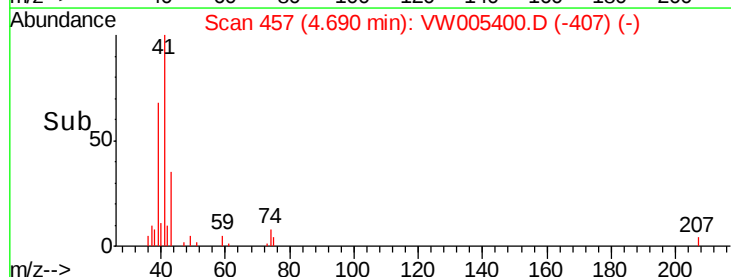
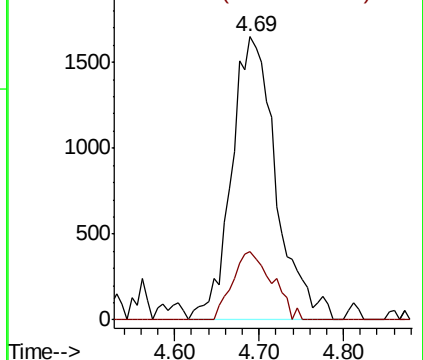
43 100

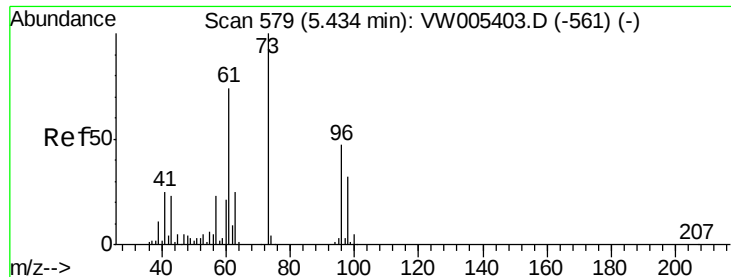
74 21.5 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





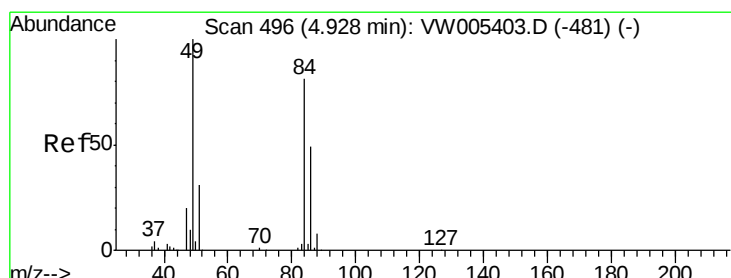
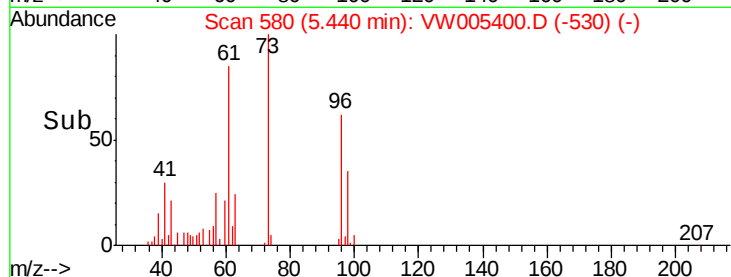
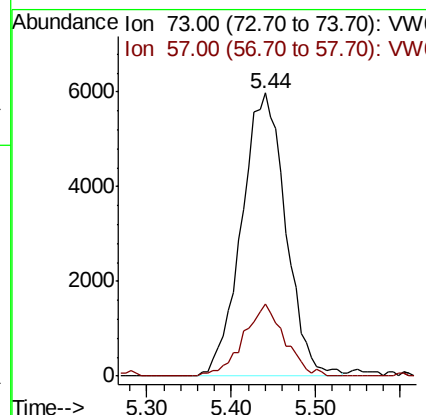
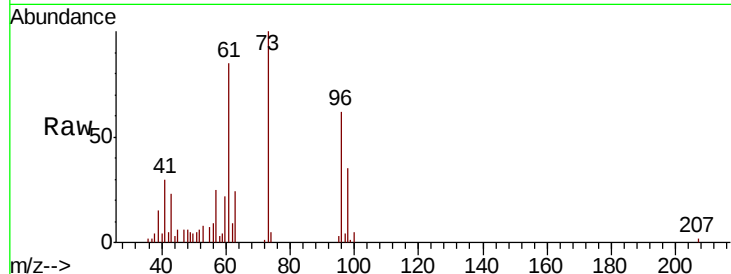
#19
Methyl tert-butyl Ether
Concen: 5.38 ug/l
RT: 5.44 min Scan# 580
Delta R.T. 0.01 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion: 73 Resp: 21275
Ion Ratio Lower Upper
73 100
57 25.5 18.6 28.0

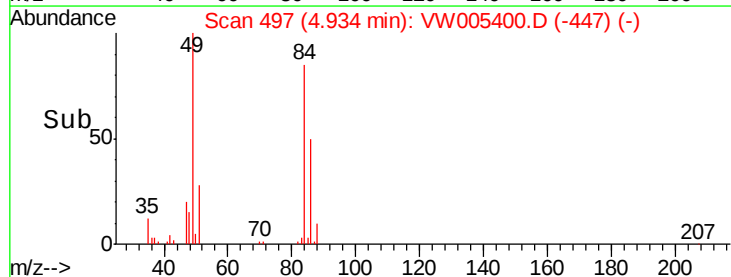
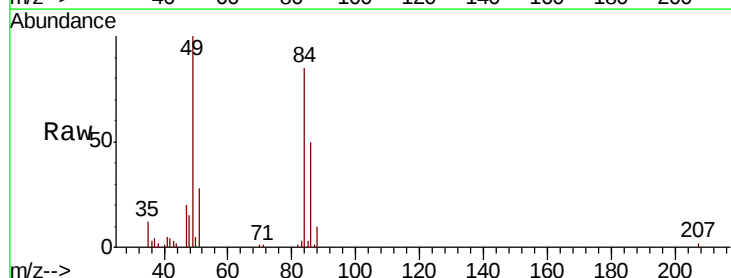
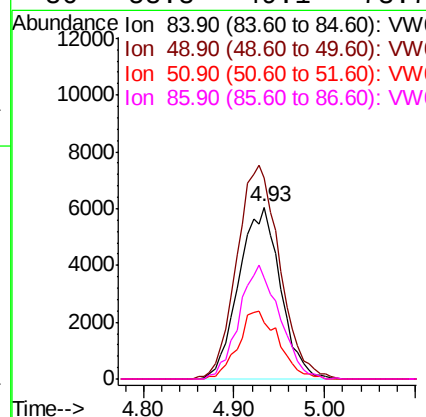
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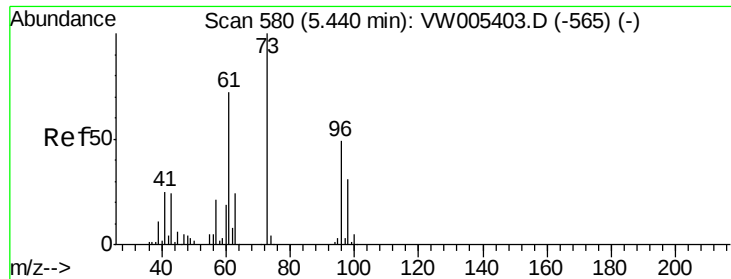
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#20
Methylene Chloride
Concen: 7.93 ug/l
RT: 4.93 min Scan# 497
Delta R.T. 0.01 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

Tgt Ion: 84 Resp: 19274
Ion Ratio Lower Upper
84 100
49 117.3 99.3 148.9
51 32.7 31.1 46.7
86 58.8 49.1 73.7





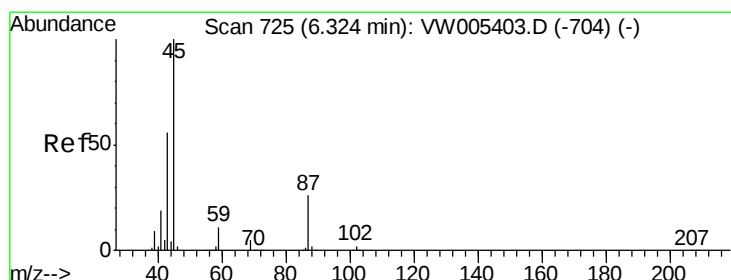
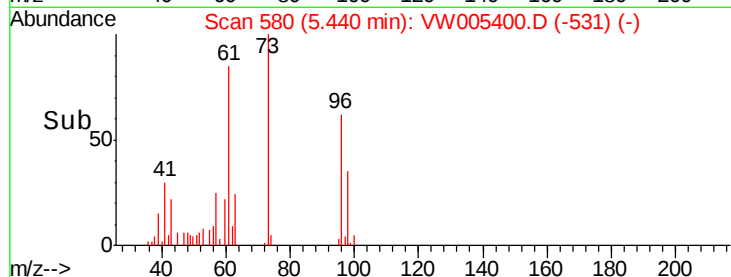
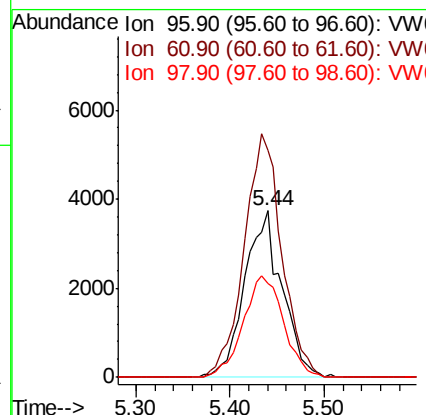
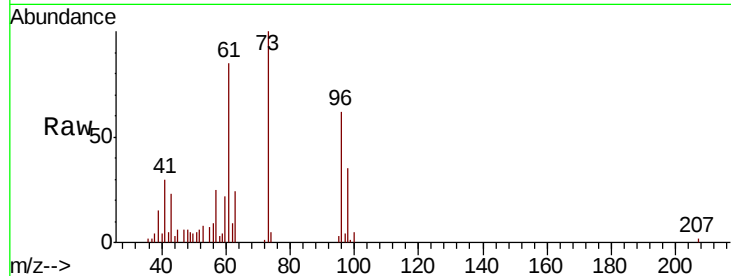
#21
trans-1,2-Dichloroethene
Concen: 5.48 ug/l
RT: 5.44 min Scan# 580
Delta R.T. -0.00 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.5	116.7	175.1
98	56.5	51.0	76.6

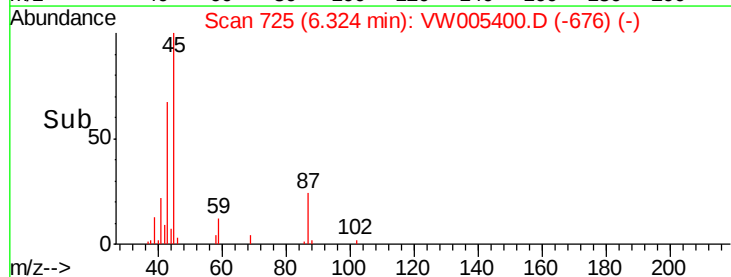
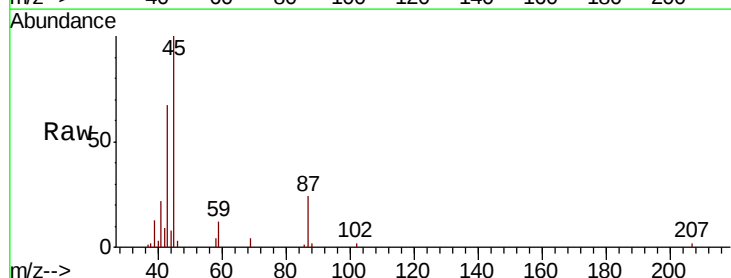
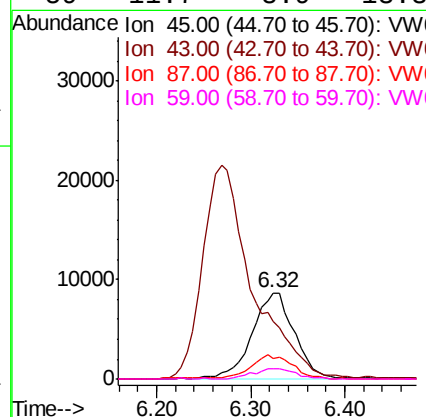
Manual Integrations
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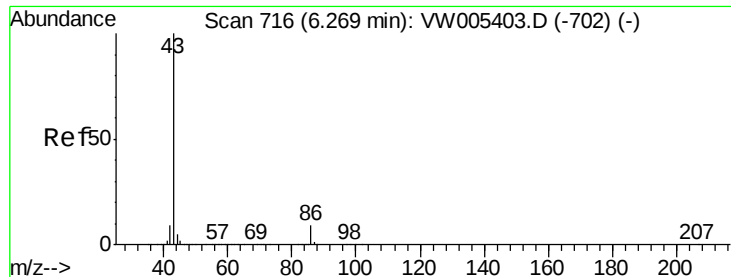
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#22
Diisopropyl ether
Concen: 5.23 ug/l
RT: 6.32 min Scan# 725
Delta R.T. -0.00 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

Tgt Ion	Ratio	Lower	Upper
45	100		
43	63.4	44.6	67.0
87	23.3	20.6	31.0
59	11.7	8.9	13.3





#23

Vinyl Acetate

Concen: 27.30 ug/l

RT: 6.27 min Scan# 716

Delta R.T. -0.00 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Instrument :

MSVOA_W

ClientSampleID :

VSTDIC005

Tot Ion: 43 Resp: 79091

Ion Ratio Lower Upper

43 100

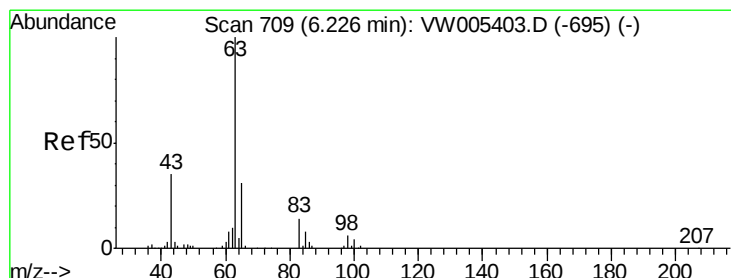
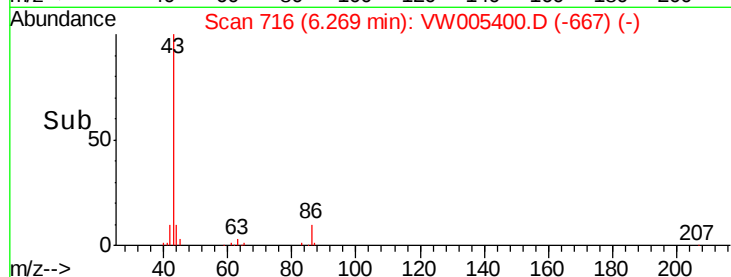
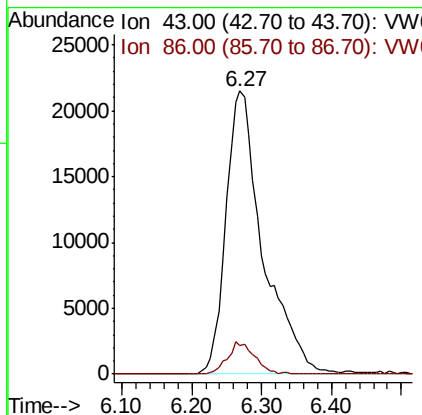
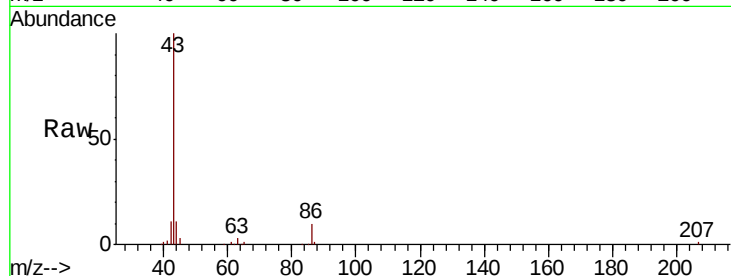
86 10.2 7.5 11.3

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#24

1,1-Dichloroethane

Concen: 5.94 ug/l

RT: 6.23 min Scan# 709

Delta R.T. -0.00 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

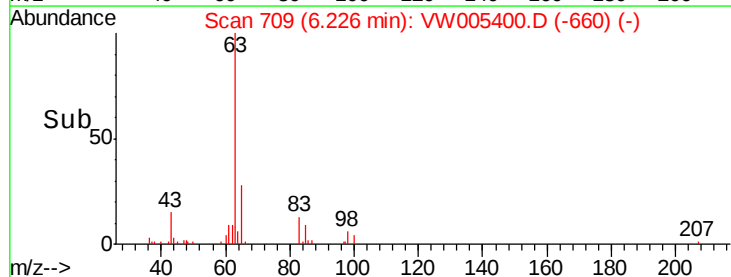
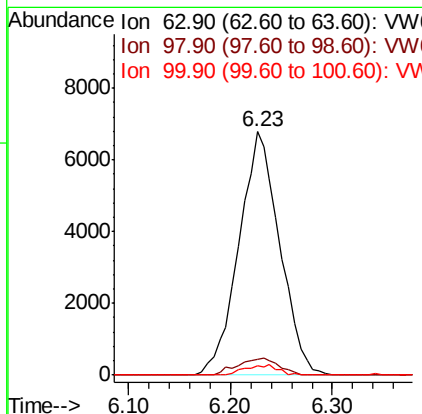
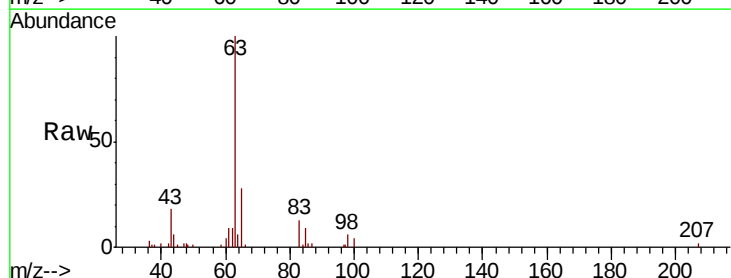
Tgt Ion: 63 Resp: 18822

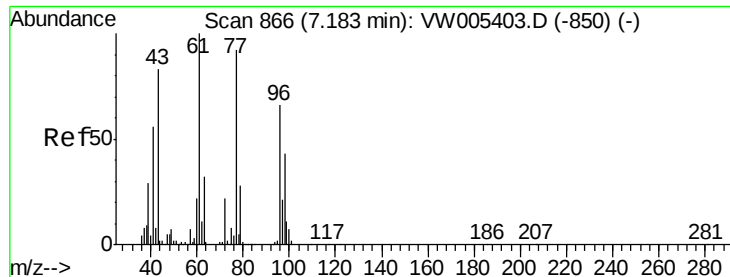
Ion Ratio Lower Upper

63 100

98 6.5 2.9 8.8

100 3.7 2.3 6.8





#25

2-Butanone

Concen: 30.27 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Instrument :

MSVOA_W

ClientSampled :

VSTDIC005

Tot Ion: 43 Resp: 13952

Ion Ratio Lower Upper

43 100

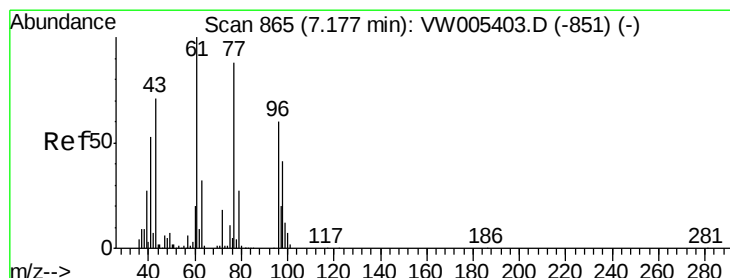
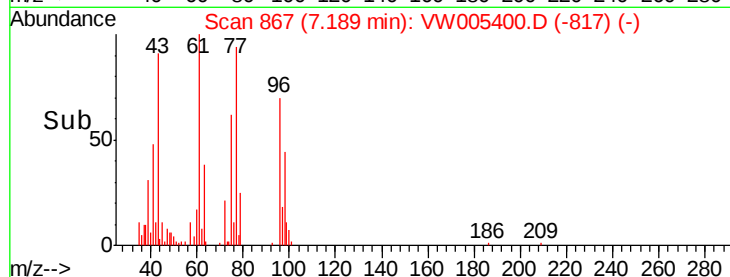
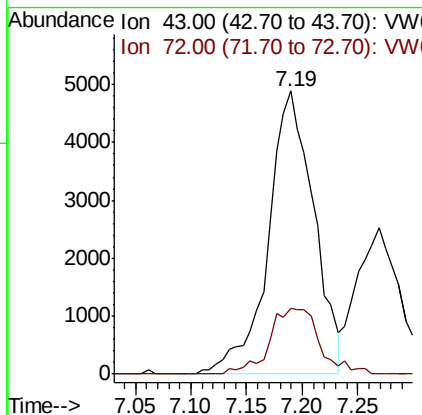
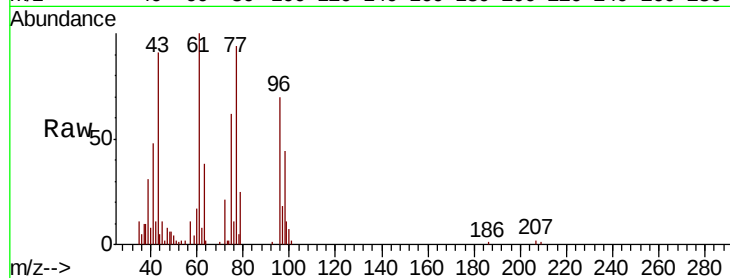
72 23.2 21.1 31.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 6.73 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005400.D

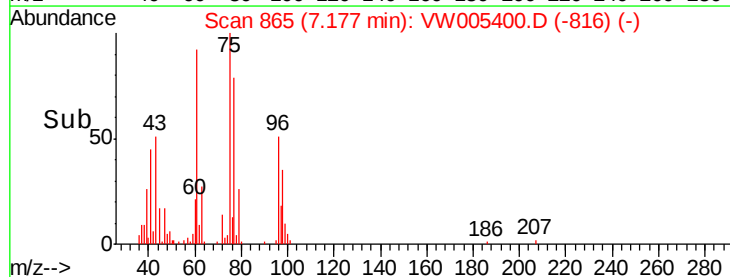
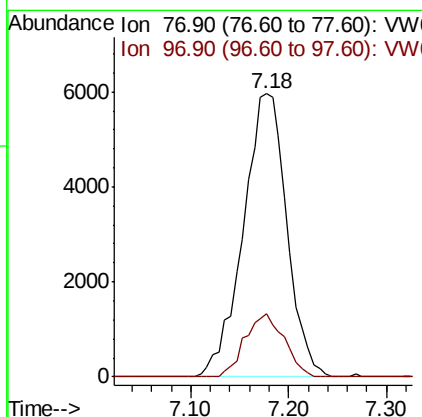
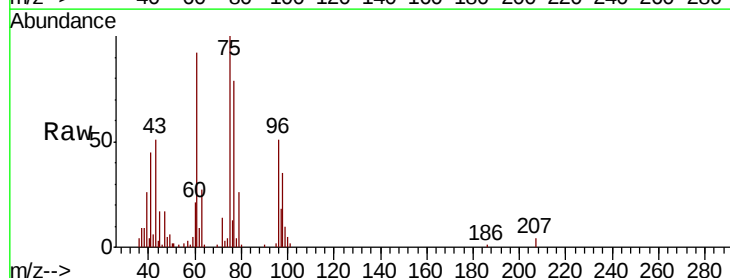
Acq: 14 Sep 2018 22:50

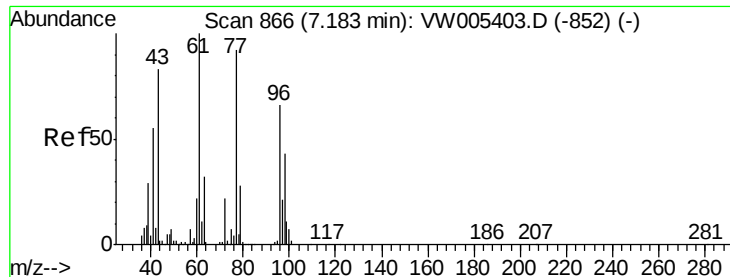
Tgt Ion: 77 Resp: 18520

Ion Ratio Lower Upper

77 100

97 19.9 10.7 32.1





#27

cis-1,2-Dichloroethene

Concen: 5.48 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Instrument :

MSVOA_W

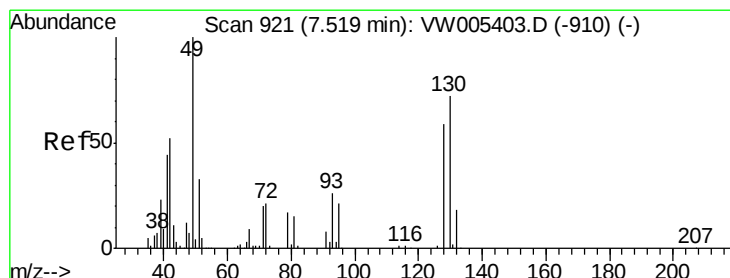
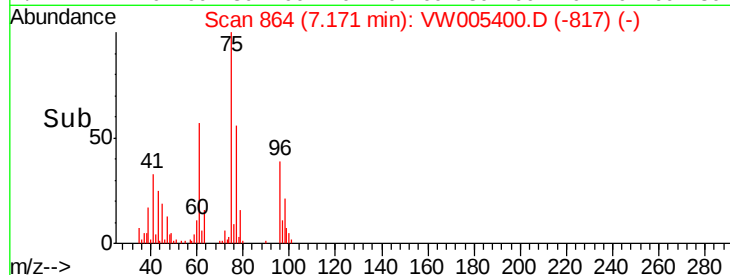
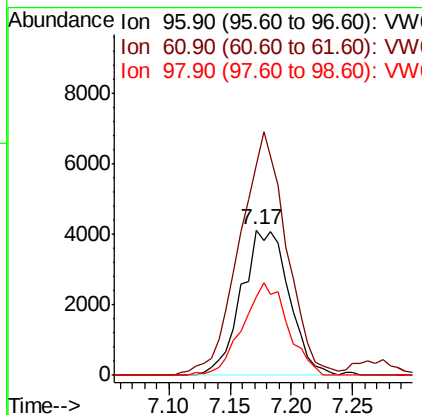
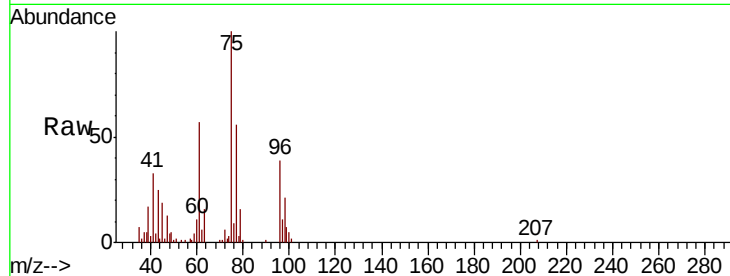
ClientSampled :

VSTDIC005

Tot Ion:	96	Resp:	11150
Ion	Ratio	Lower	Upper
96	100		
61	165.7	0.0	316.0
98	60.4	0.0	130.8

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#28

Bromochloromethane

Concen: 7.07 ug/l

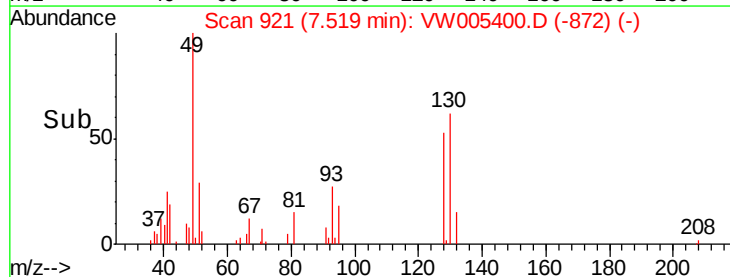
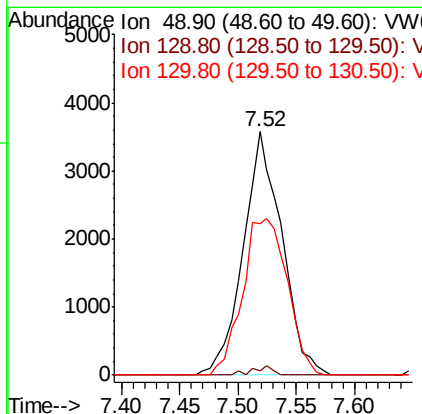
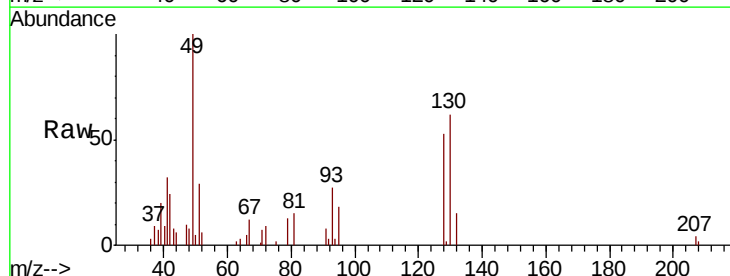
RT: 7.52 min Scan# 921

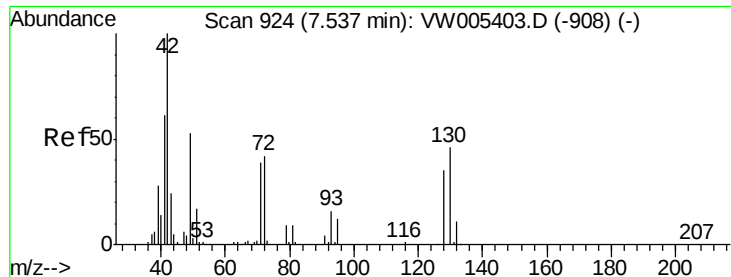
Delta R.T. -0.00 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Tgt Ion:	49	Resp:	8242
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	1.0#
130	74.3	61.4	92.2





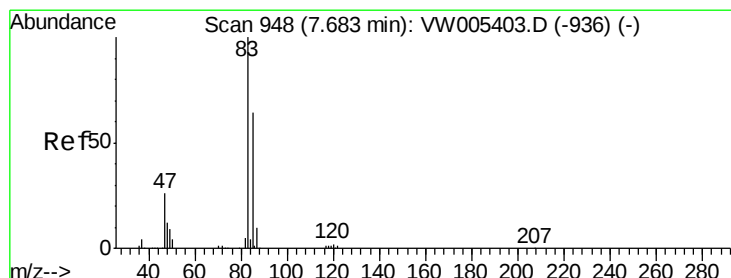
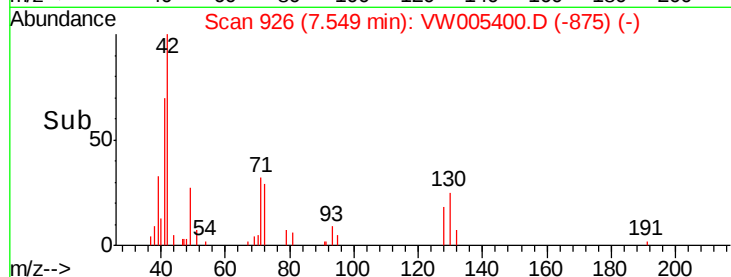
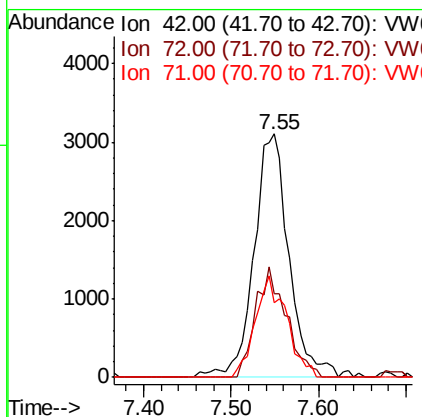
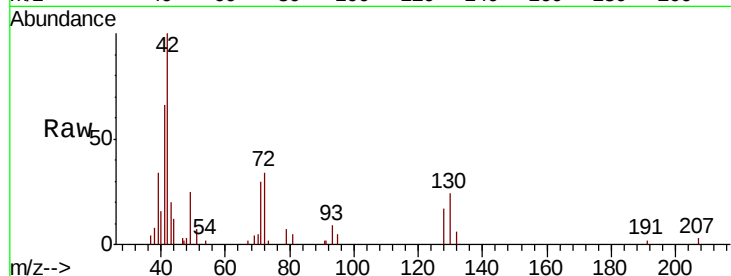
#29
Tetrahydrofuran
Concen: 28.05 ug/l
RT: 7.55 min Scan# 926
Delta R.T. 0.01 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.2	33.2	49.8
71	37.6	31.0	46.6

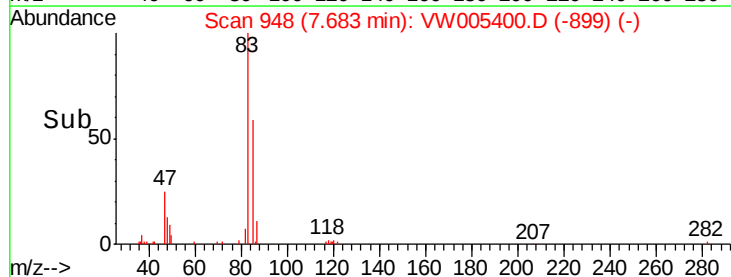
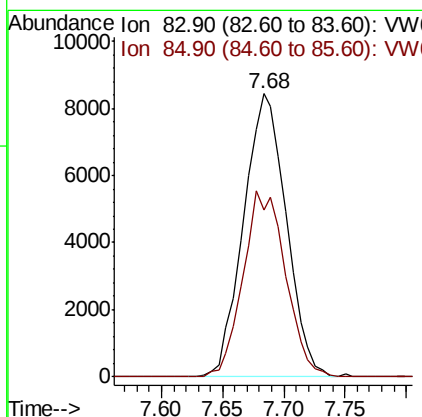
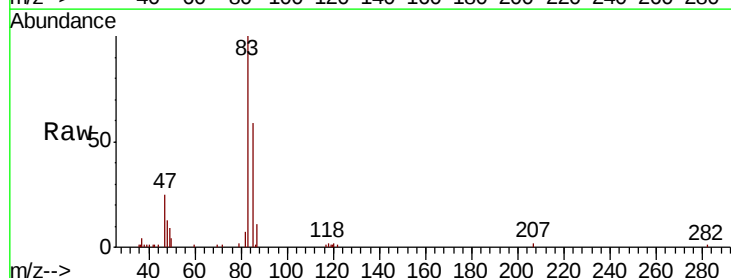
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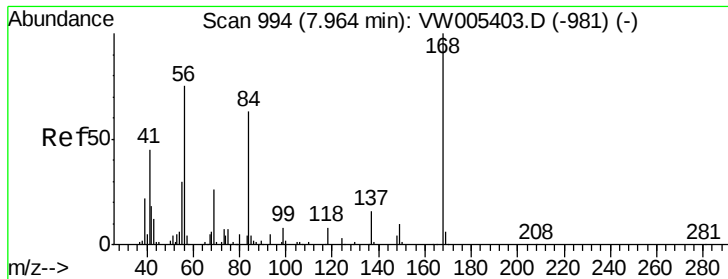
apatel
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#30
Chloroform
Concen: 6.42 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	58.8	51.5	77.3





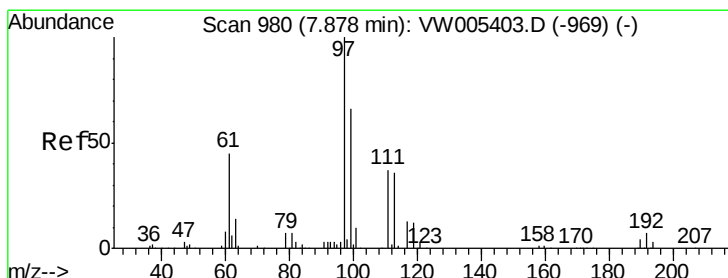
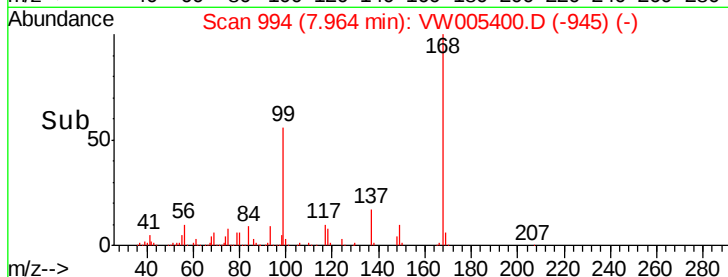
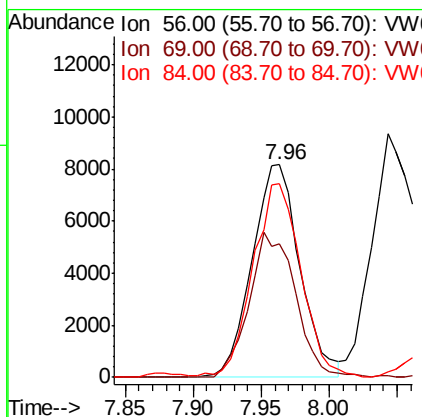
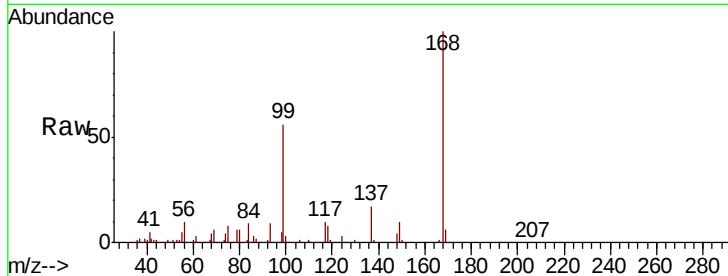
#31
Cyclohexane
Concen: 6.11 ug/l
RT: 7.96 min Scan# 994
Delta R.T. -0.00 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
56	100		
69	62.7	27.2	40.8#
84	90.6	66.7	100.1

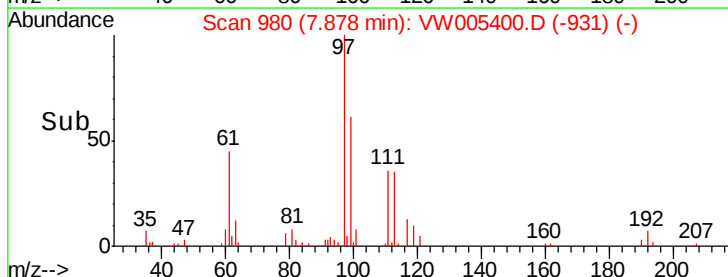
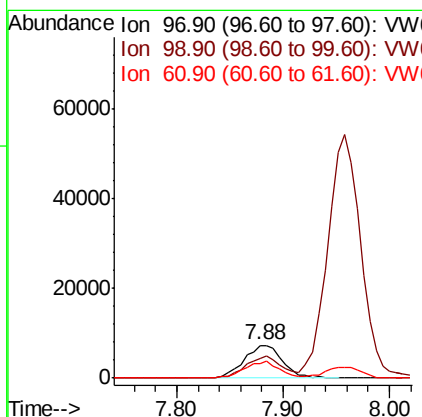
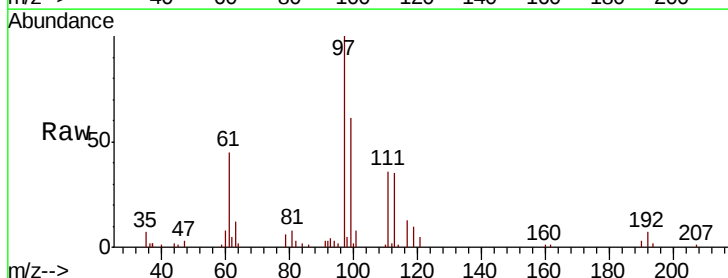
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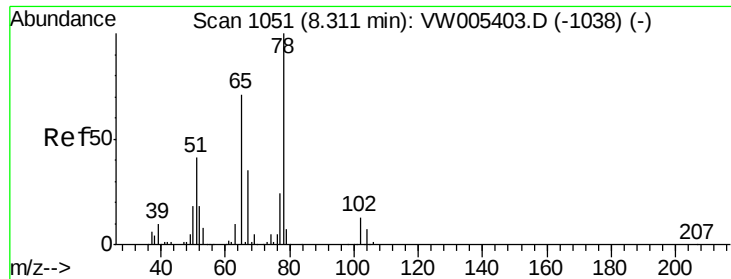
apatel
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#32
1,1,1-Trichloroethane
Concen: 6.43 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.5	77.3
61	46.7	35.8	53.6





#33

1,2-Dichloroethane-d4

Concen: 7.61 ug/l

RT: 8.32 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 65 Resp: 12309

Ion Ratio Lower Upper

65 100

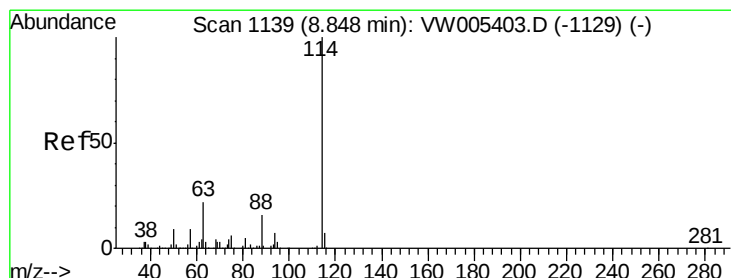
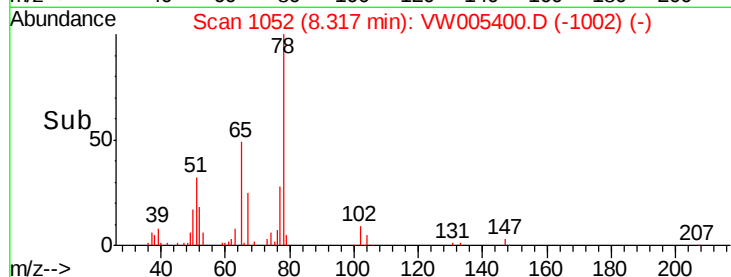
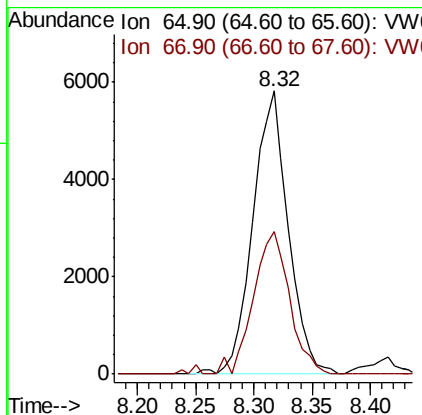
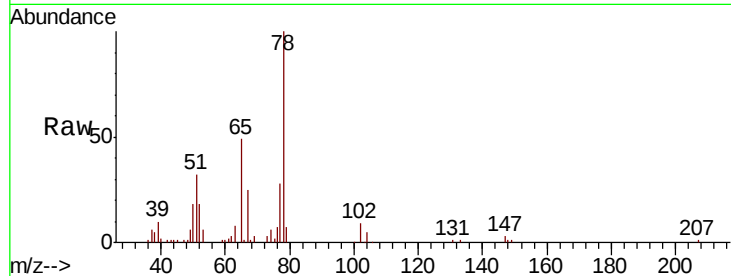
67 51.5 0.0 100.6

Manual Integrations

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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: VW005400.D

Acq: 14 Sep 2018 22:50

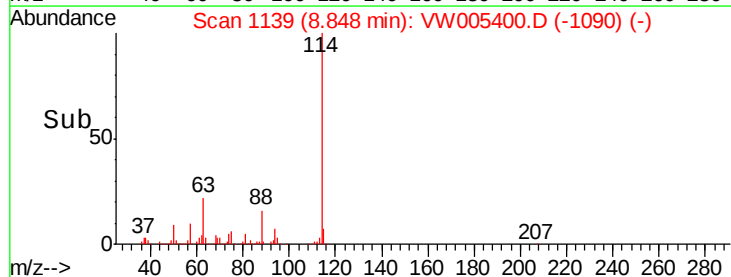
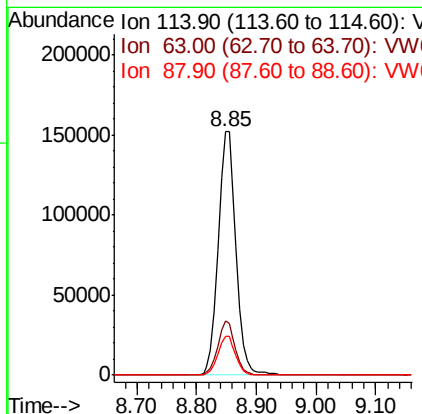
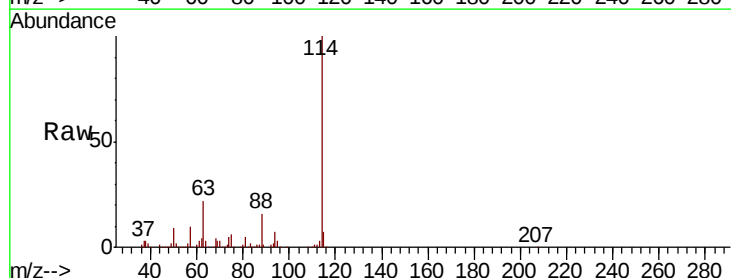
Tgt Ion: 114 Resp: 314468

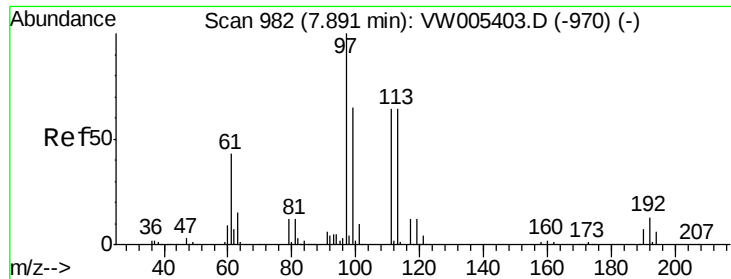
Ion Ratio Lower Upper

114 100

63 22.4 0.0 43.4

88 16.1 0.0 31.8





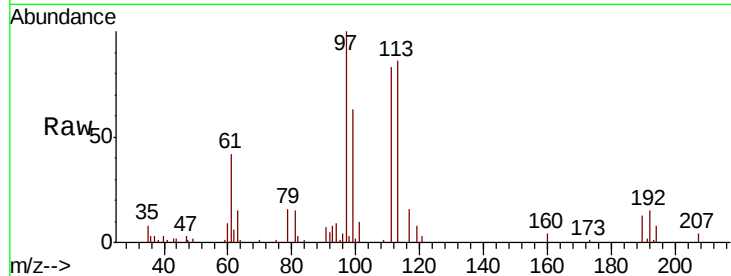
#35
Dibromofluoromethane
Concen: 5.81 ug/l
RT: 7.90 min Scan# 983
Delta R.T. 0.01 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
113	100		
111	107.4	82.3	123.5
192	20.1	16.5	24.7

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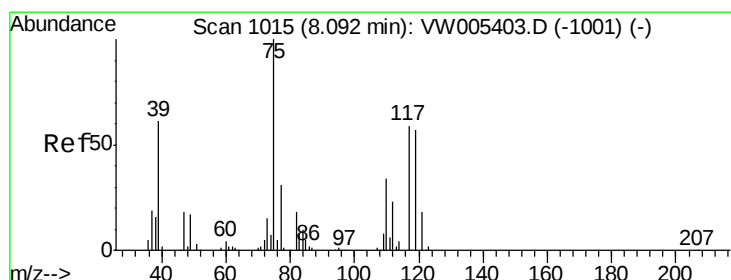
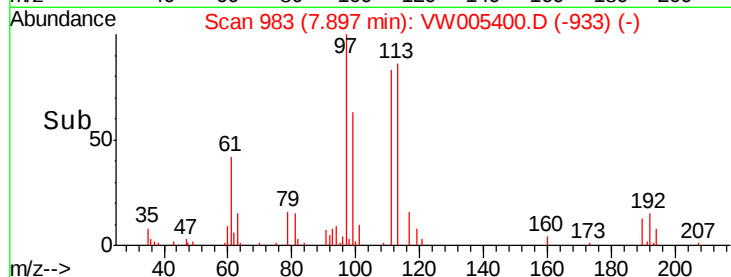
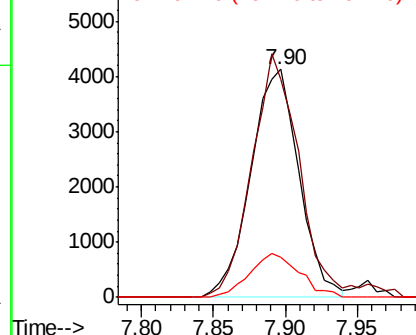


Abundance

Ion 112.80 (112.50 to 113.50): V

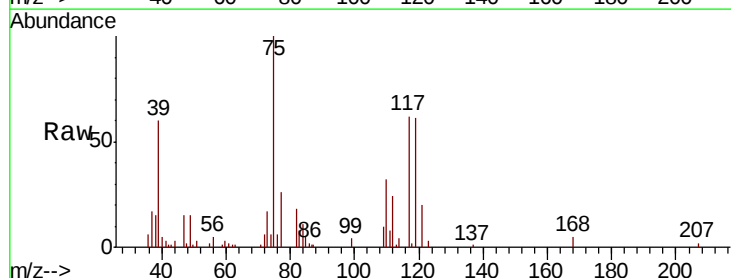
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
1,1-Dichloropropene
Concen: 5.26 ug/l
RT: 8.09 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.2	16.8	50.4
77	29.0	24.2	36.4

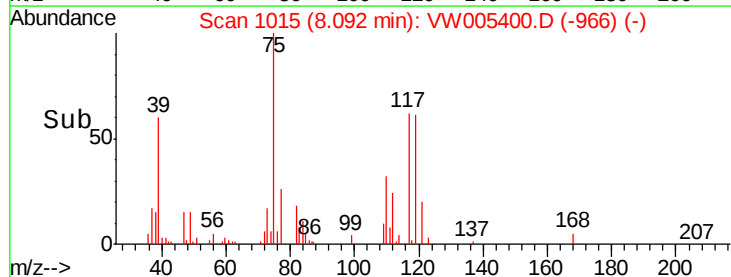
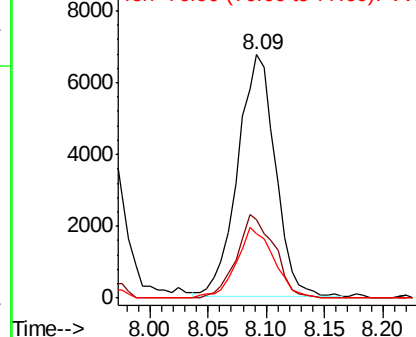


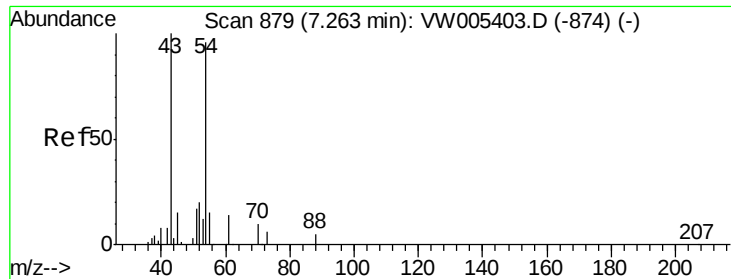
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





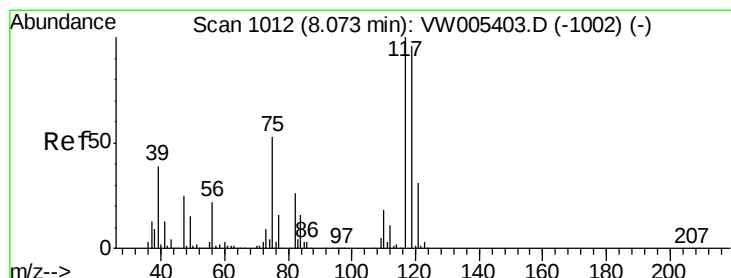
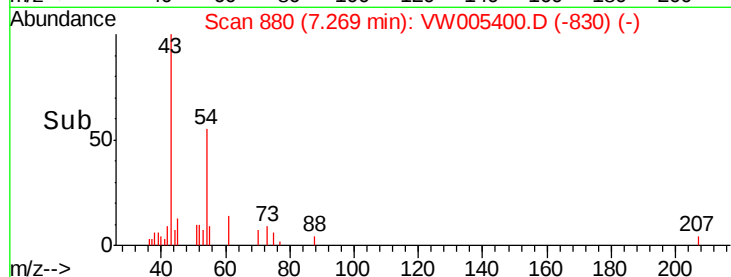
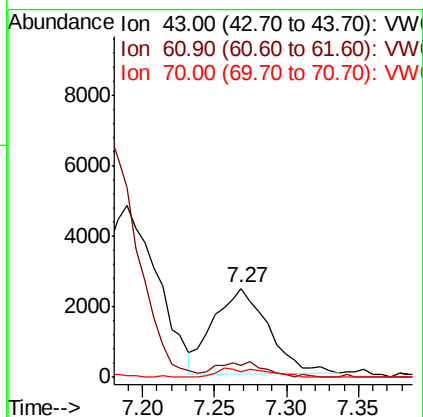
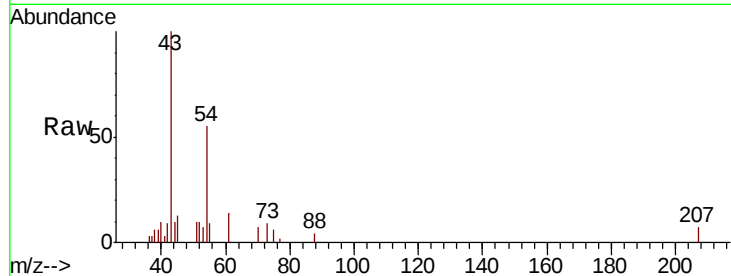
#37
Ethyl Acetate
Concen: 5.79 ug/l
RT: 7.27 min Scan# 880
Delta R.T. 0.01 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.8	11.3	16.9
70	9.7	8.2	12.4

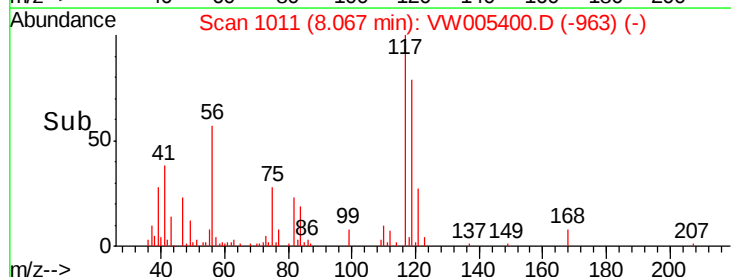
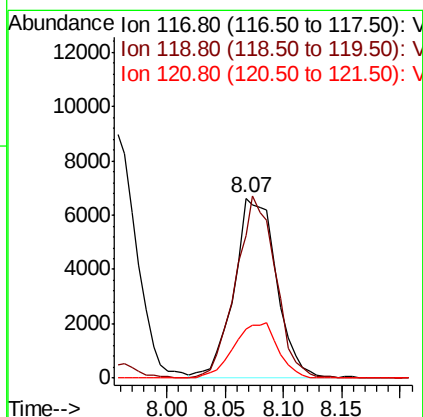
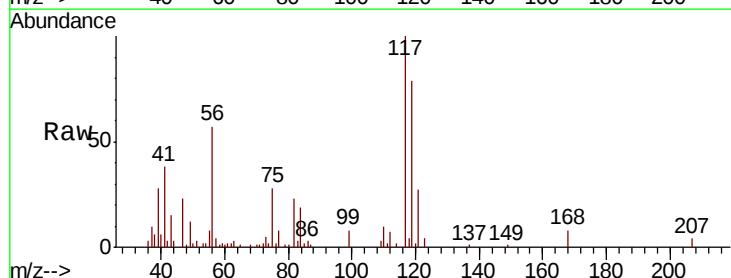
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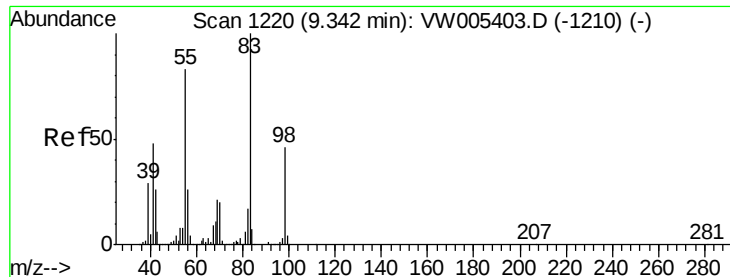
apatel
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#38
Carbon Tetrachloride
Concen: 6.10 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	79.1	76.8	115.2
121	27.4	24.7	37.1





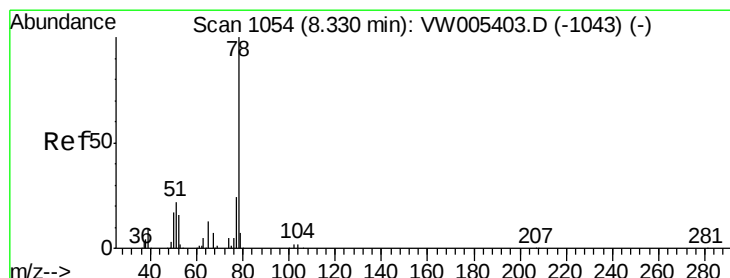
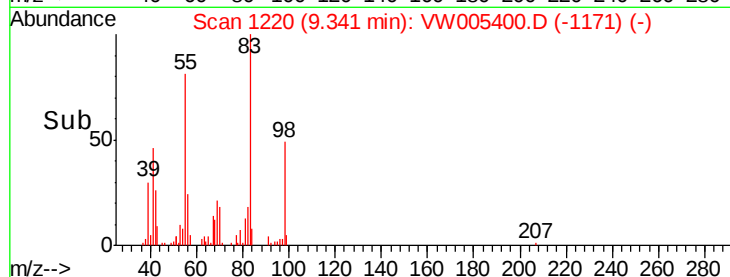
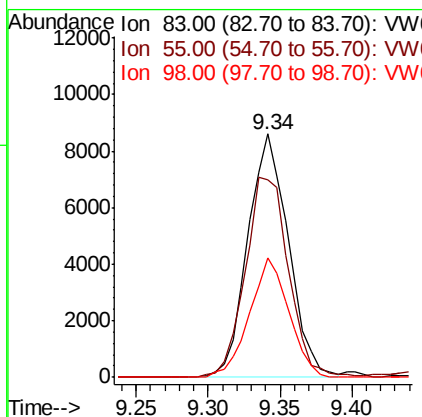
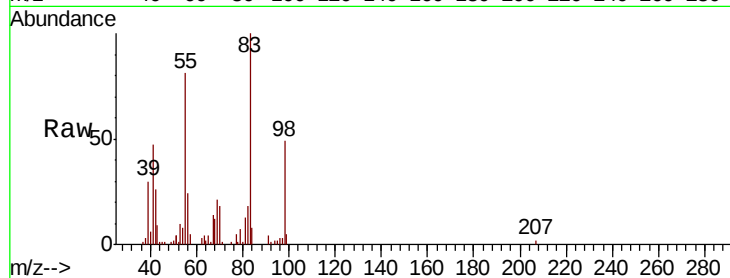
#39
Methvlcvclohexane
Concen: 4.47 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.2	66.1	99.1
98	49.2	36.7	55.1

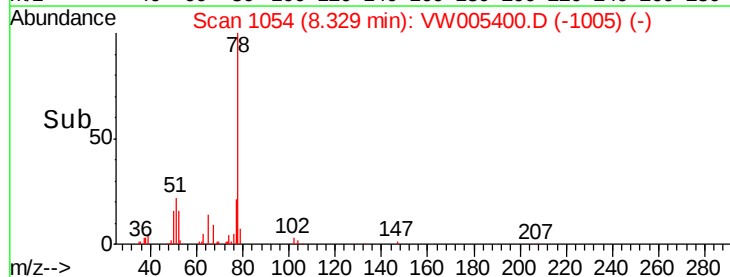
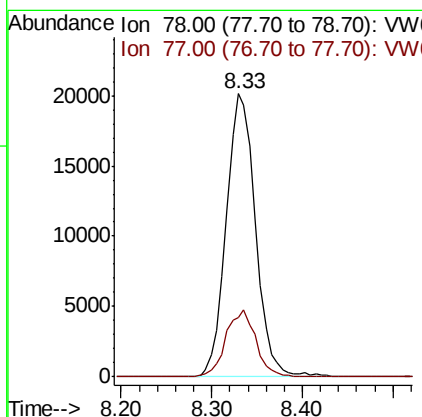
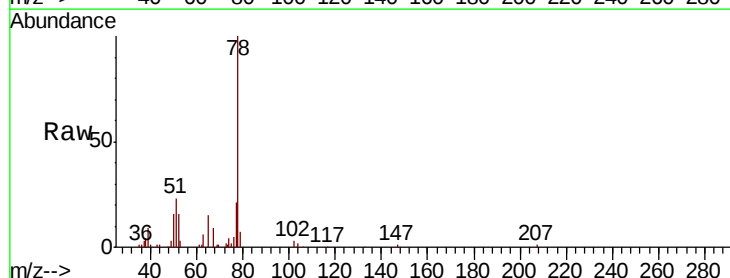
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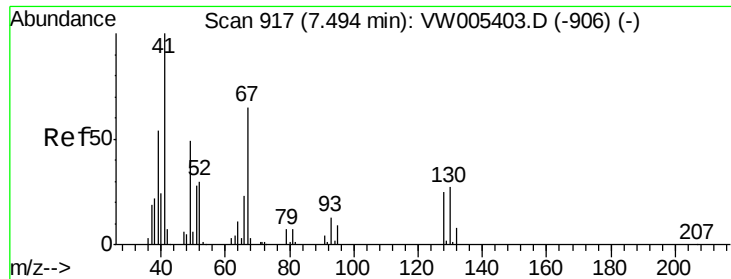
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#40
Benzene
Concen: 5.32 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.0	19.3	28.9





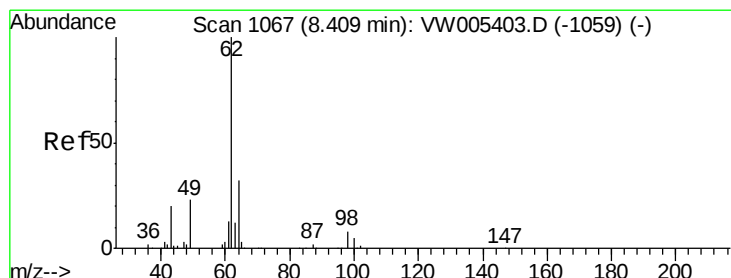
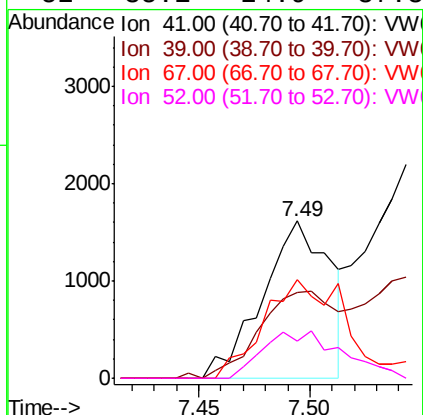
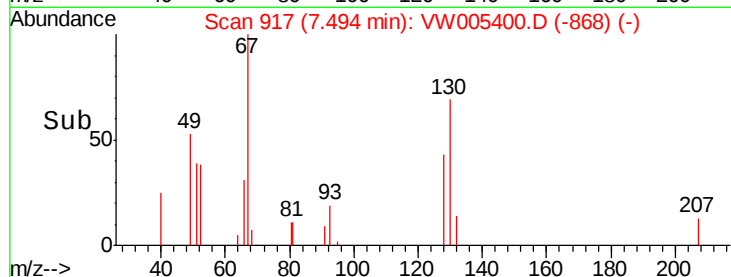
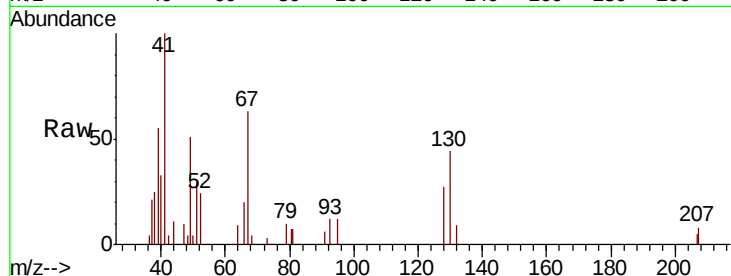
#41
Methacrylonitrile
Concen: 5.83 ug/l
RT: 7.49 min Scan# 917
Delta R.T. -0.00 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion:	41	Resp:	3401
Ion	Ratio	Lower	Upper
41	100		
39	61.7	44.6	67.0
67	77.4	53.6	80.4
52	35.1	24.9	37.3

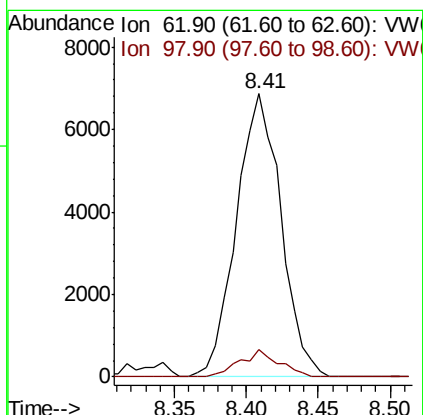
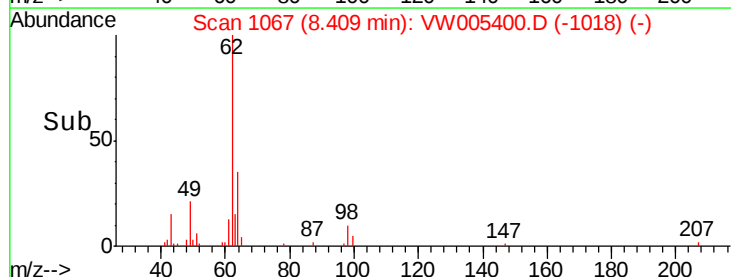
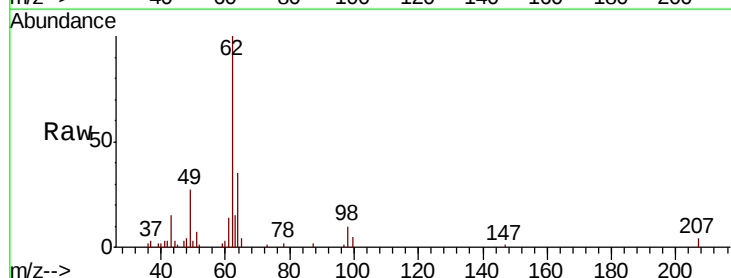
Manual Integrations
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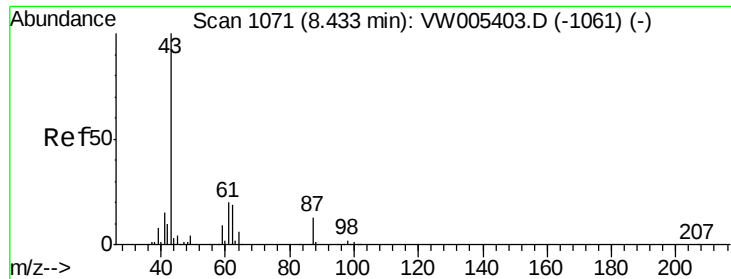
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#42
1,2-Dichloroethane
Concen: 6.90 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

Tgt Ion:	62	Resp:	14762
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	15.6





#43

Isopropyl Acetate

Concen: 5.76 ug/l

RT: 8.44 min Scan# 1072

Delta R.T. 0.01 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Instrument :

MSVOA_W

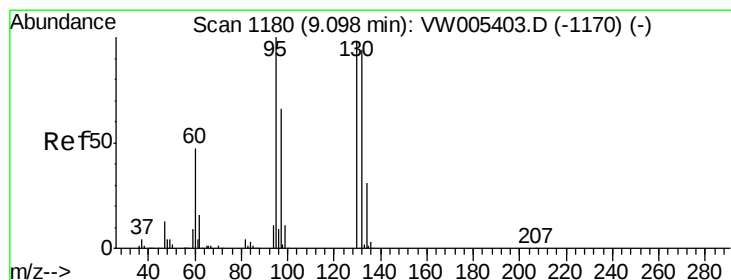
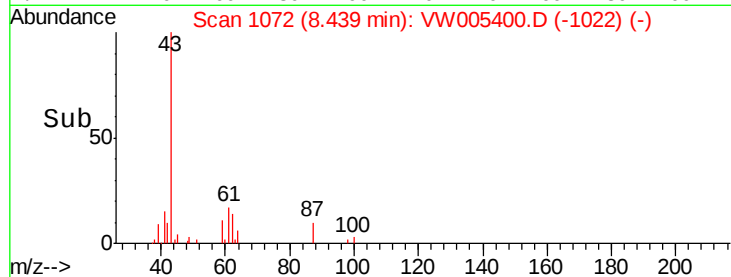
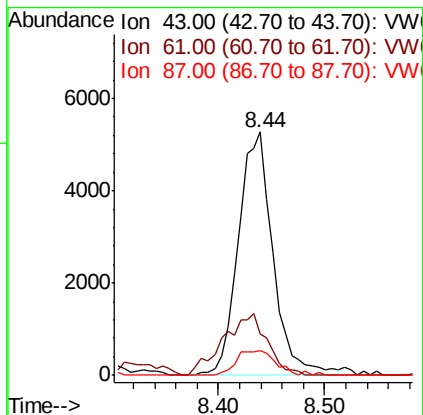
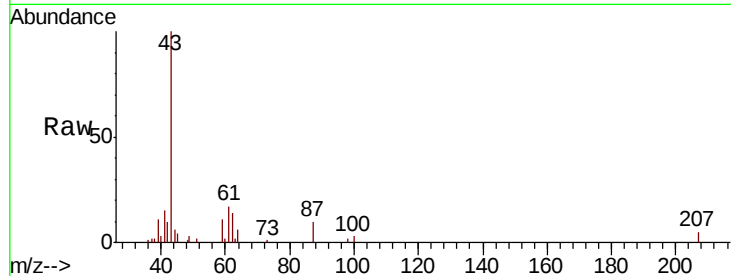
ClientSampled :

VSTDIC005

Tot Ion:	43	Resp:	12039
Ion	Ratio	Lower	Upper
43	100		
61	32.0	23.8	35.6
87	11.5	10.1	15.1

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#44

Trichloroethene

Concen: 4.90 ug/l

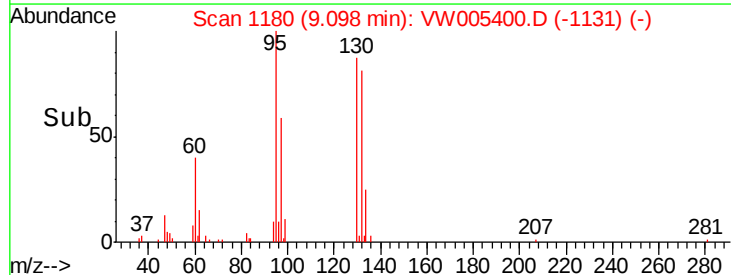
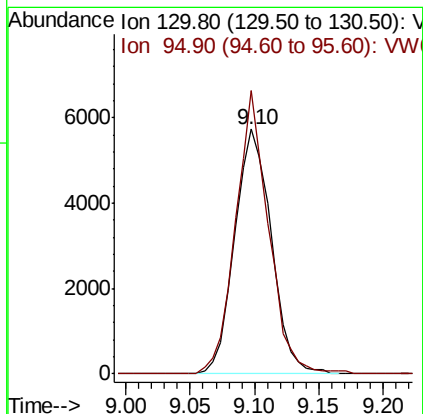
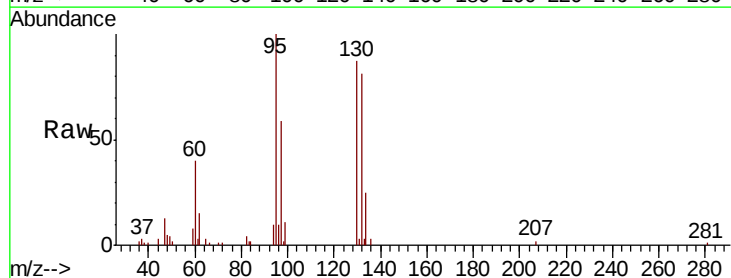
RT: 9.10 min Scan# 1180

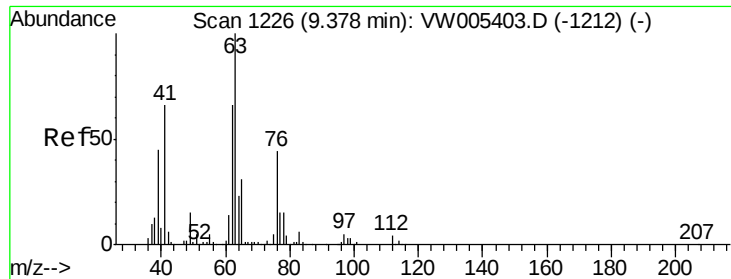
Delta R.T. -0.00 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Tgt Ion:	130	Resp:	11289
Ion	Ratio	Lower	Upper
130	100		
95	115.6	0.0	204.6





#45

1,2-Dichloropropane

Concen: 5.30 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.01 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Instrument :

MSVOA_W

ClientSampled :

VSTDIC005

Tot Ion: 63 Resp: 10795

Ion Ratio Lower Upper

63 100

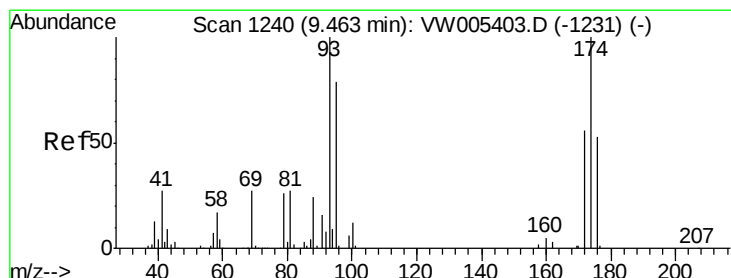
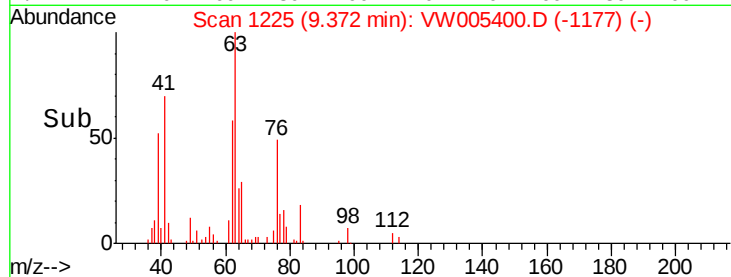
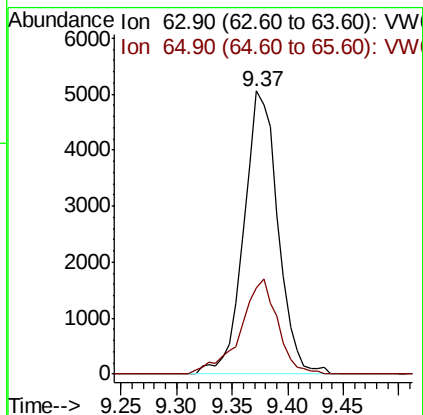
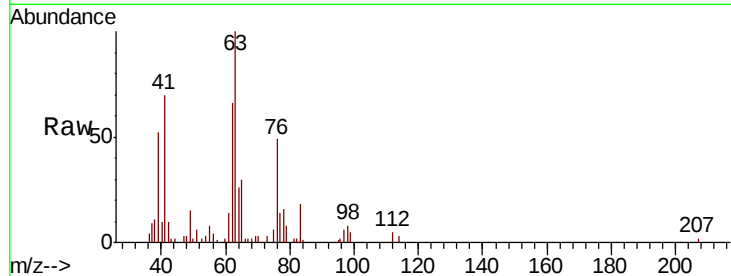
65 30.4 25.0 37.6

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#46

Dibromomethane

Concen: 5.21 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

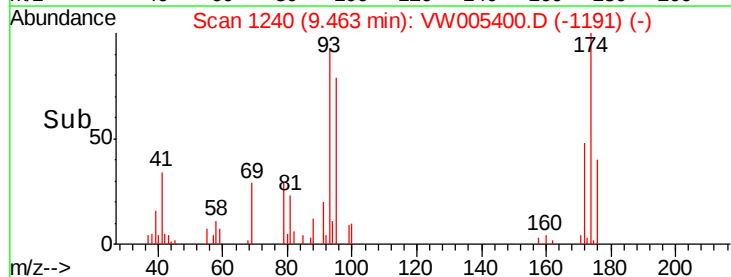
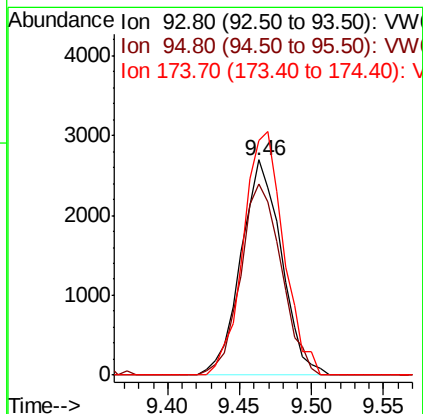
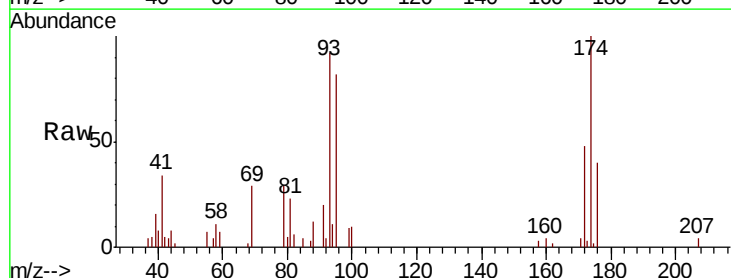
Tgt Ion: 93 Resp: 5239

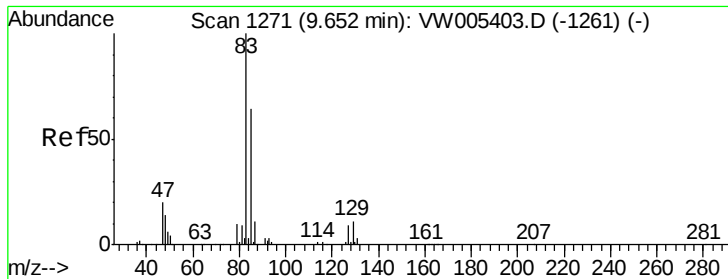
Ion Ratio Lower Upper

93 100

95 89.9 65.4 98.0

174 112.3 83.4 125.2





#47

Bromodichloromethane

Concen: 5.72 ug/l

RT: 9.65 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Instrument :

MSVOA_W

ClientSampleId :

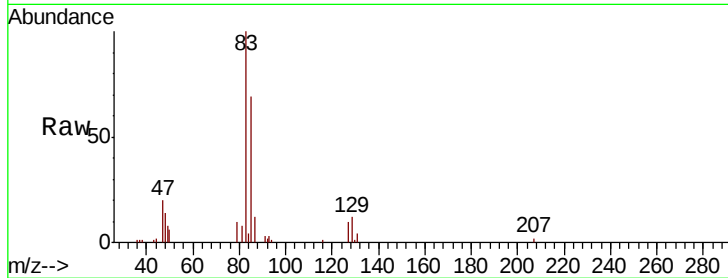
VSTDIC005

Tot Ion:	83	Resp:	14287
Ion	Ratio	Lower	Upper
83	100		
85	68.6	50.9	76.3
127	9.8	7.0	10.4

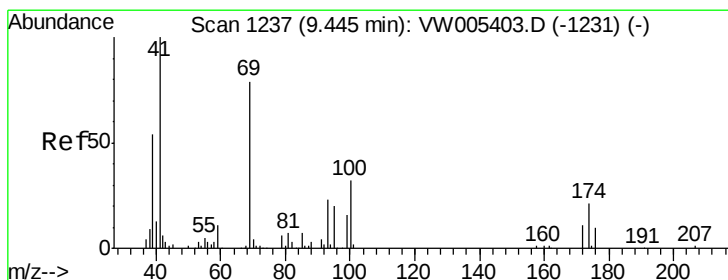
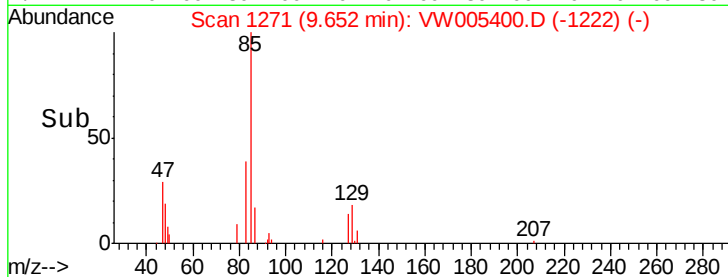
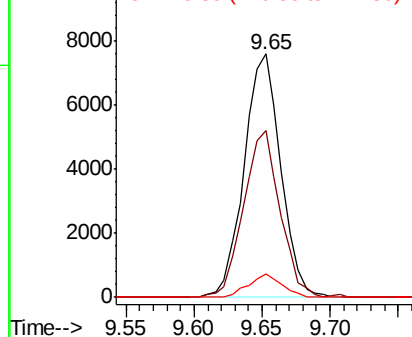
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Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 5.31 ug/l

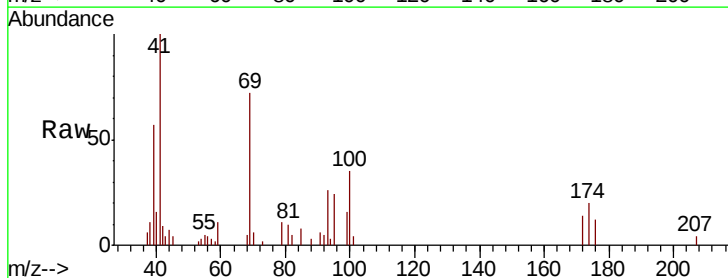
RT: 9.45 min Scan# 1237

Delta R.T. -0.00 min

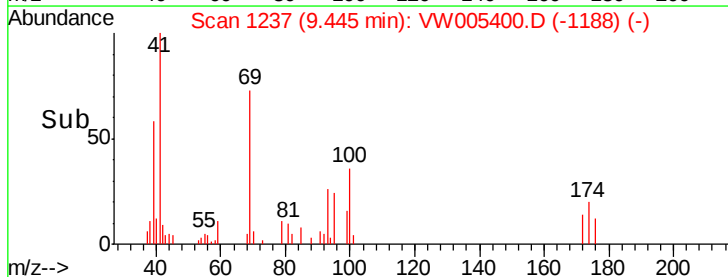
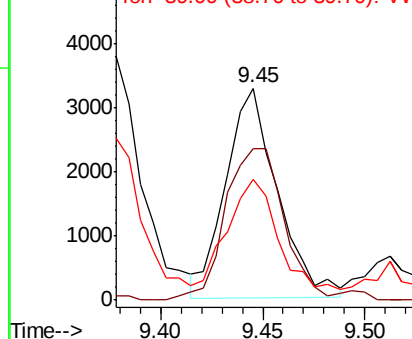
Lab File: VW005400.D

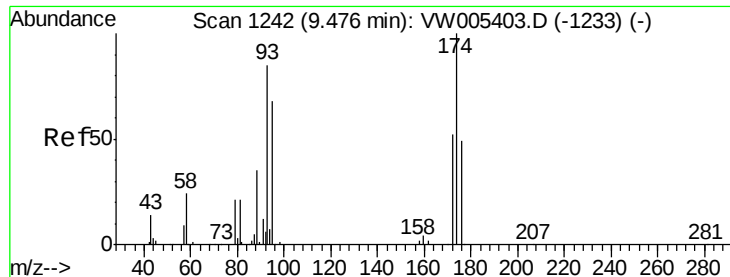
Acq: 14 Sep 2018 22:50

Tgt Ion:	41	Resp:	5717
Ion	Ratio	Lower	Upper
41	100		
69	82.3	67.5	101.3
39	50.3	45.5	68.3



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 94.60 ug/l

RT: 9.48 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Instrument :

MSVOA_W

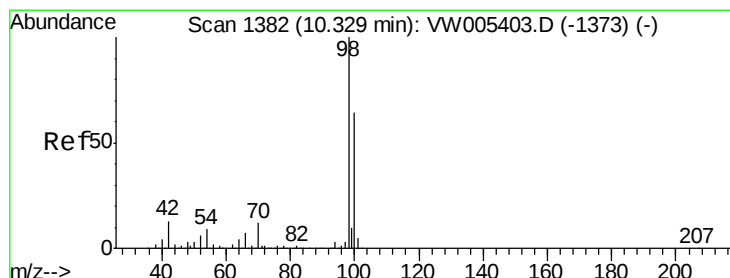
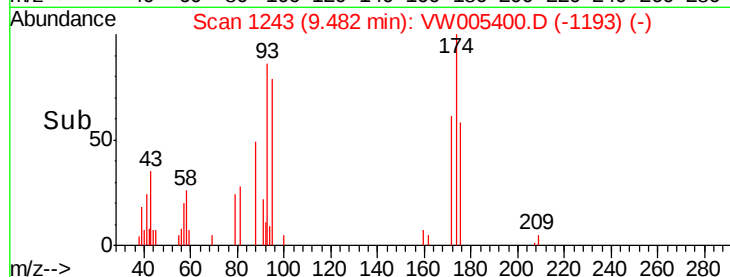
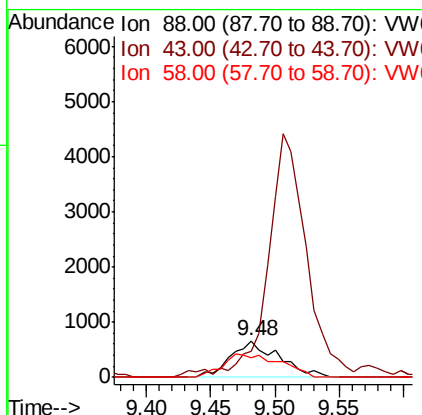
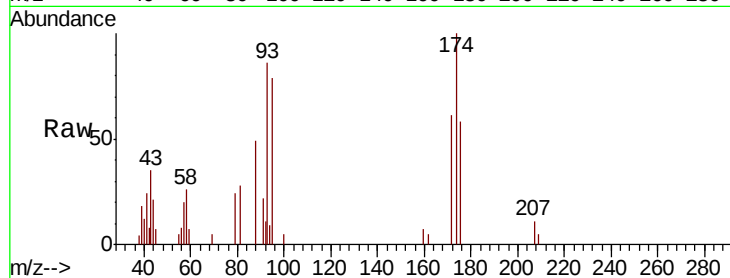
ClientSampleId :

VSTDIC005

Tot Ion:	88	Resp:	1727
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	76.3	62.4	93.6

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#50

Toluene-d8

Concen: 5.06 ug/l

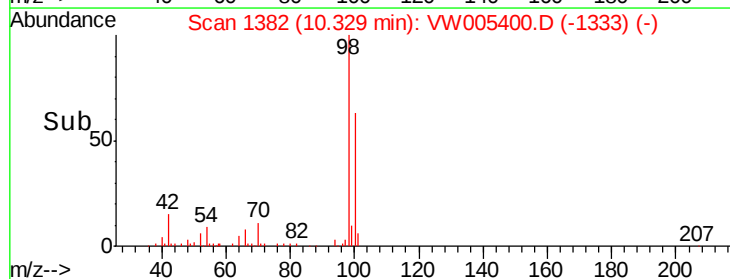
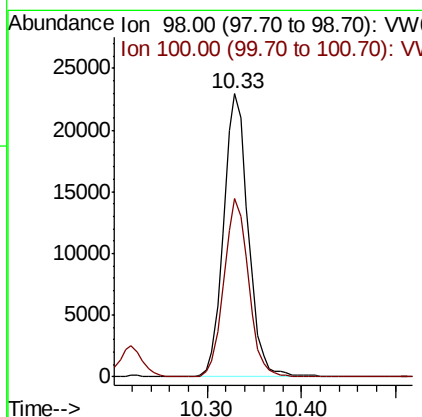
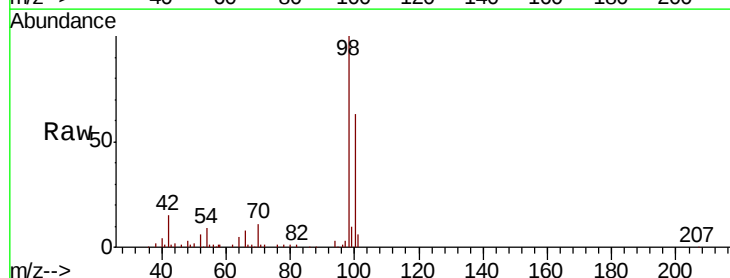
RT: 10.33 min Scan# 1382

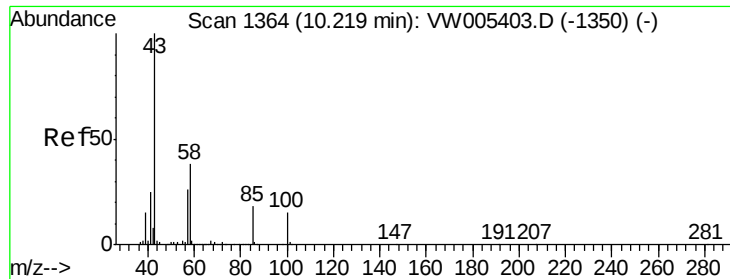
Delta R.T. -0.00 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Tgt Ion:	98	Resp:	41563
Ion	Ratio	Lower	Upper
98	100		
100	63.0	51.4	77.0





#51

4-Methyl-2-Pentanone

Concen: 25.50 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 29589

Ion Ratio Lower Upper

43 100

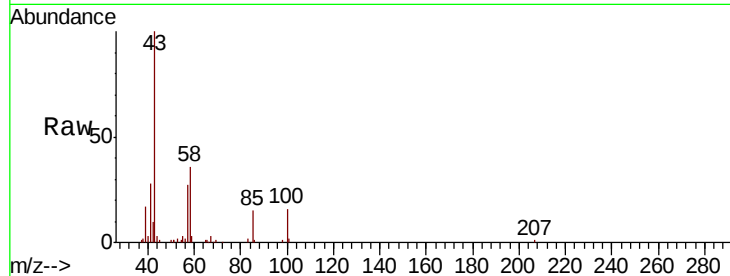
58 36.3 29.9 44.9

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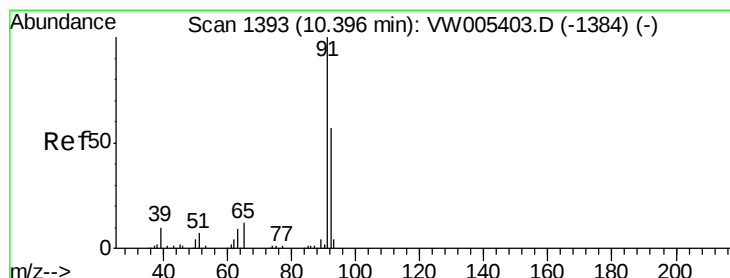
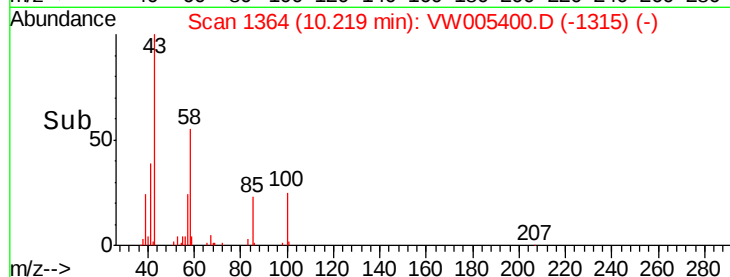
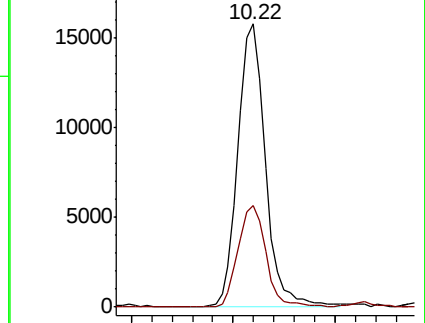
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 4.76 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005400.D

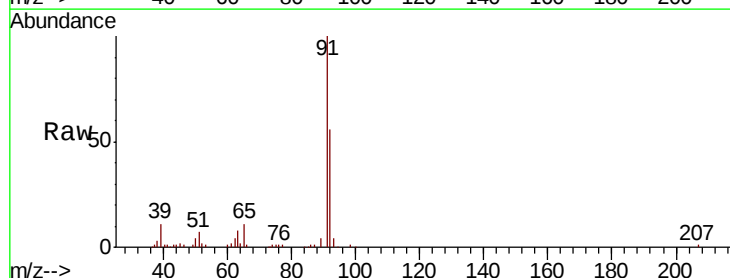
Acq: 14 Sep 2018 22:50

Tgt Ion: 92 Resp: 29166

Ion Ratio Lower Upper

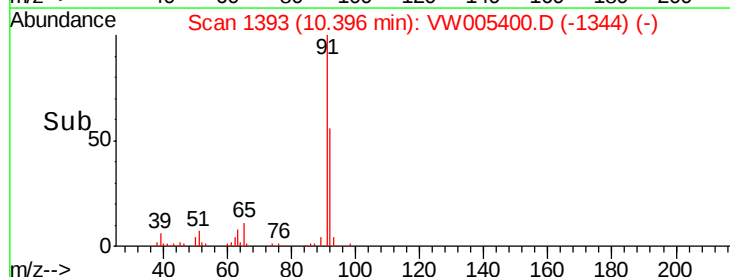
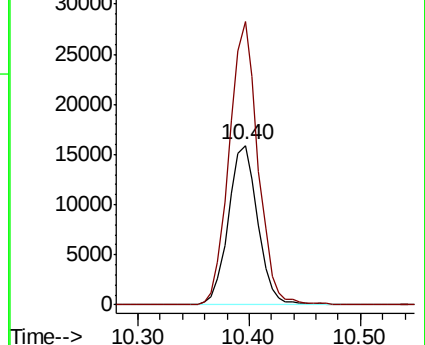
92 100

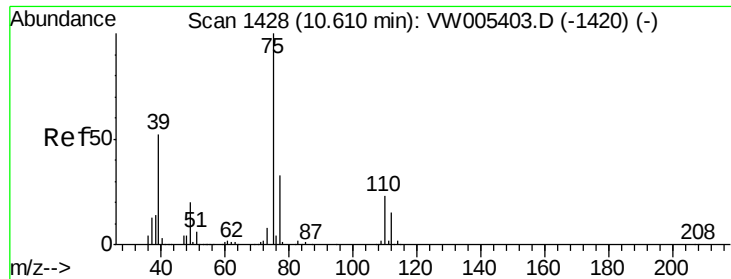
91 173.0 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 4.99 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 75 Resp: 13279

Ion Ratio Lower Upper

75 100

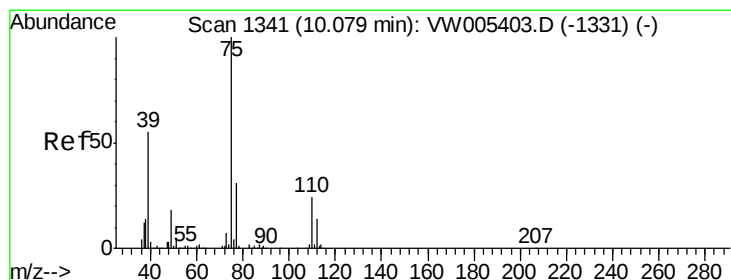
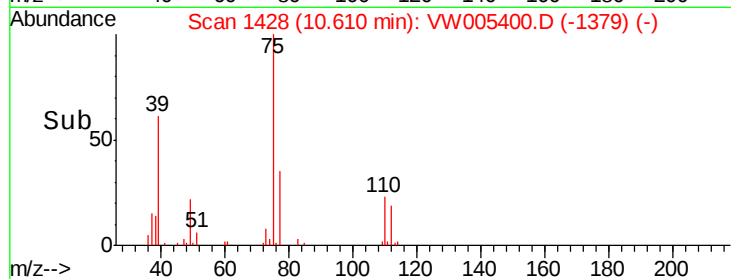
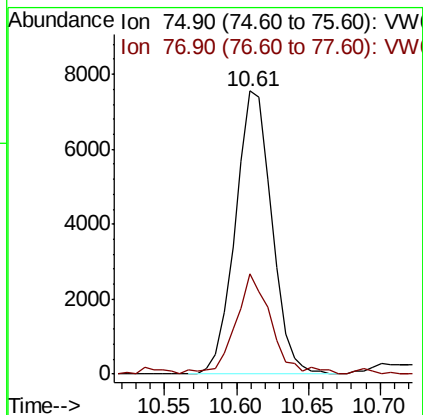
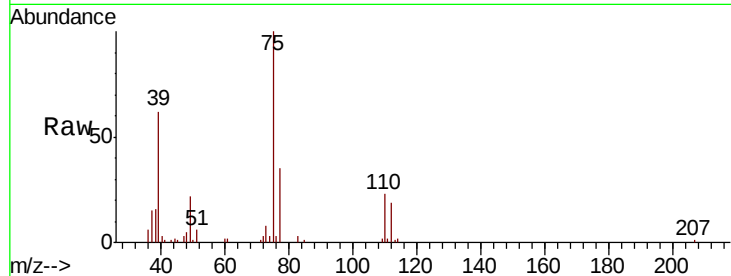
77 35.2 26.5 39.7

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#54

cis-1,3-Dichloropropene

Concen: 4.79 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

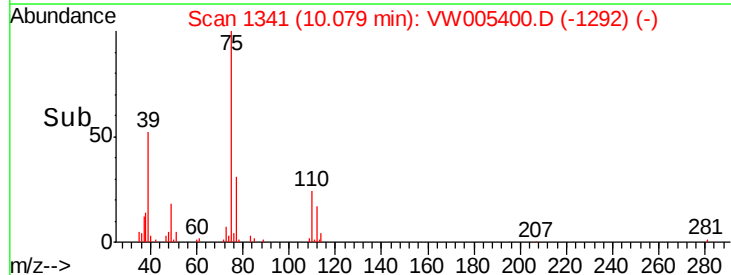
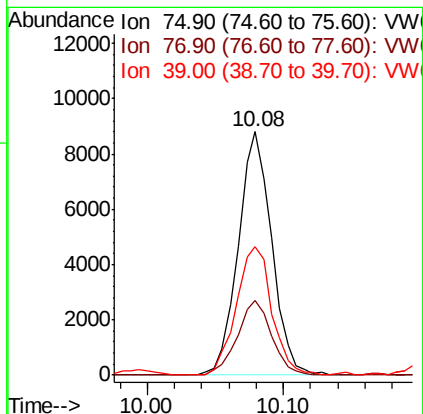
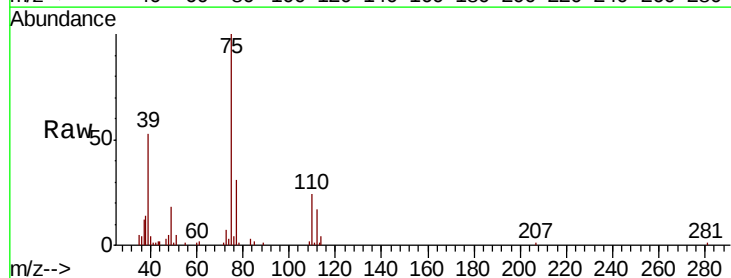
Tgt Ion: 75 Resp: 15106

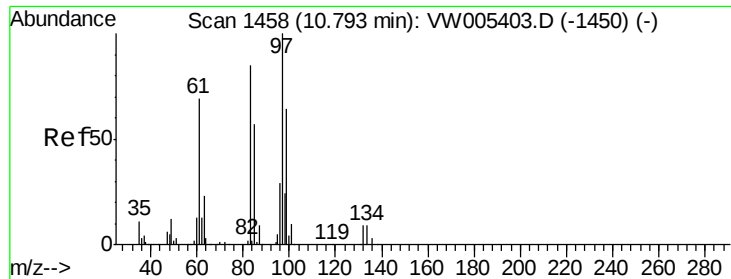
Ion Ratio Lower Upper

75 100

77 30.6 25.0 37.4

39 52.6 44.2 66.2





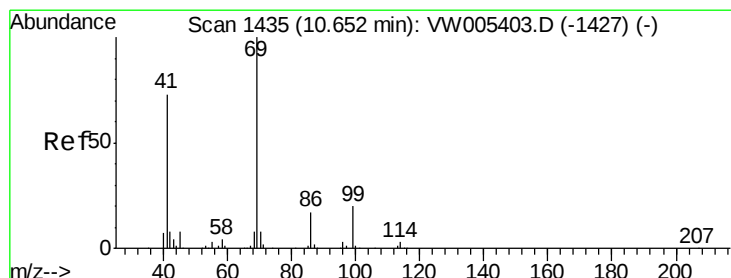
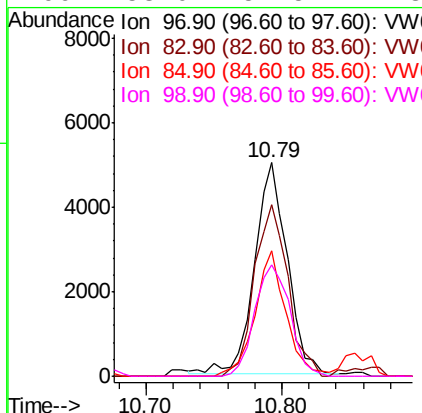
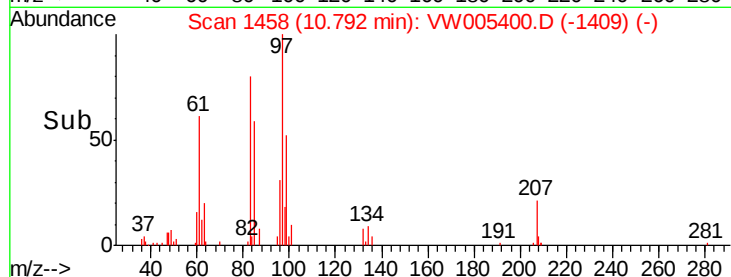
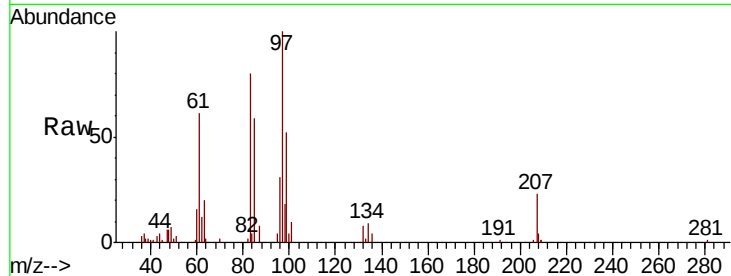
#55
 1,1,2-Trichloroethane
 Concen: 5.34 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005400.D
 Acq: 14 Sep 2018 22:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion:	97	Resp:	8412
Ion	Ratio	Lower	Upper
97	100		
83	81.0	67.8	101.8
85	59.5	45.4	68.0
99	53.0	51.5	77.3

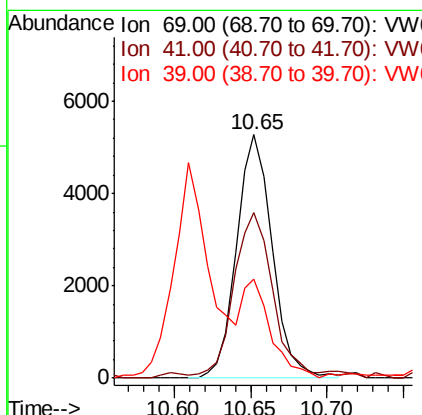
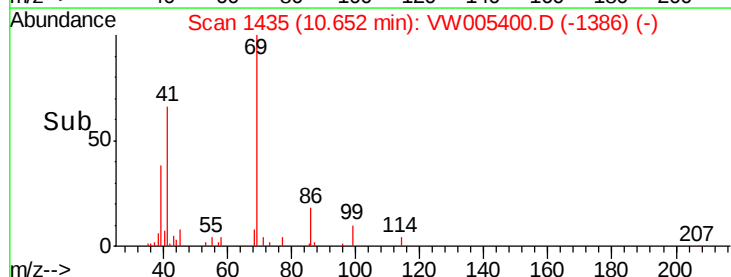
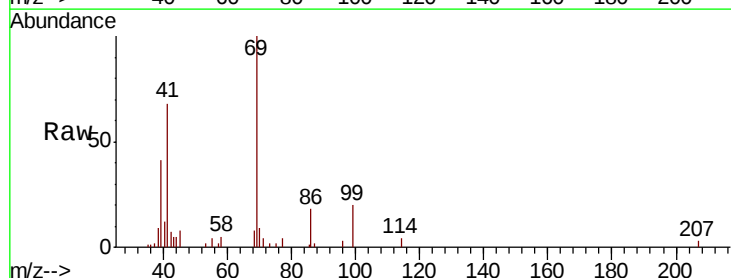
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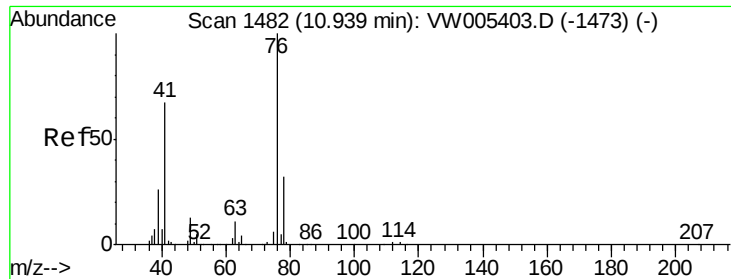
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#56
 Ethyl methacrylate
 Concen: 4.26 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005400.D
 Acq: 14 Sep 2018 22:50

Tgt Ion:	69	Resp:	8546
Ion	Ratio	Lower	Upper
69	100		
41	71.2	59.3	88.9
39	32.5	30.2	45.4





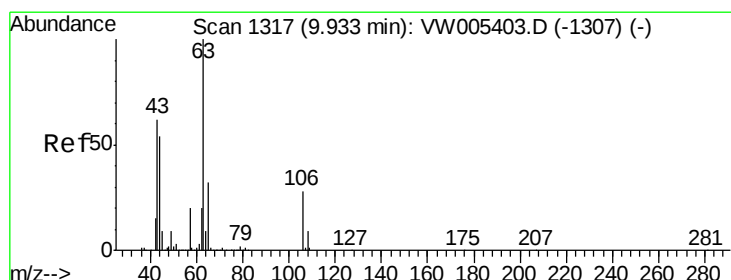
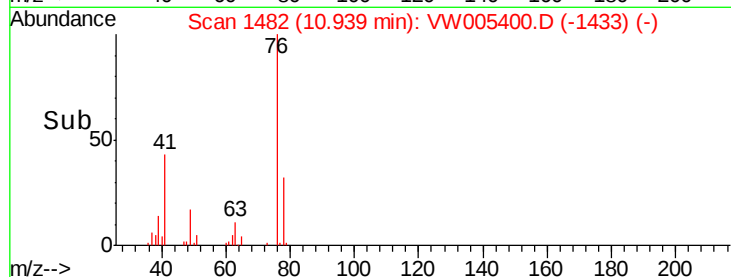
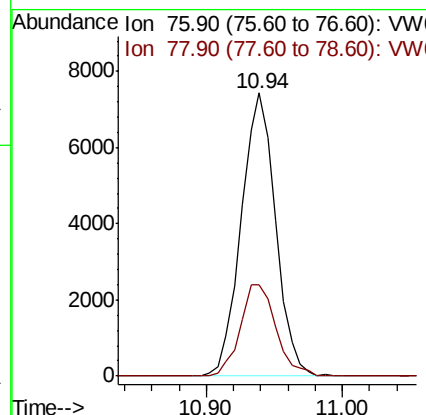
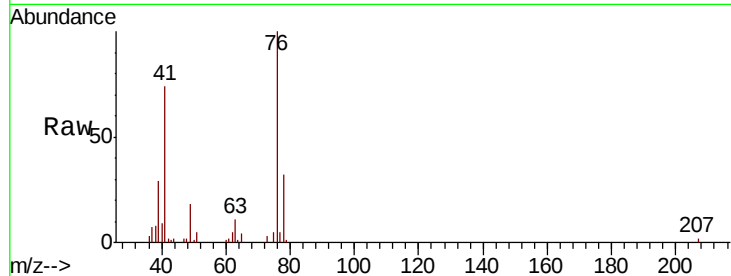
#57
 1,3-Dichloropropane
 Concen: 4.96 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005400.D
 Acq: 14 Sep 2018 22:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion: 76 Resp: 13114
 Ion Ratio Lower Upper
 76 100
 78 33.6 25.6 38.4

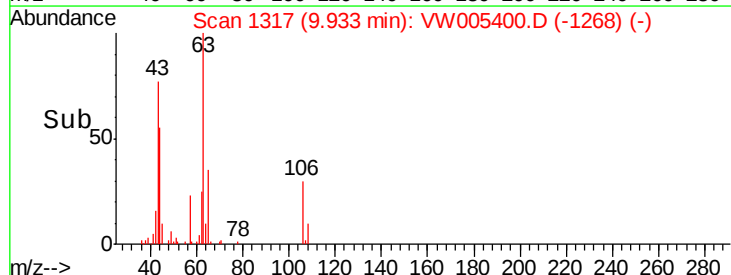
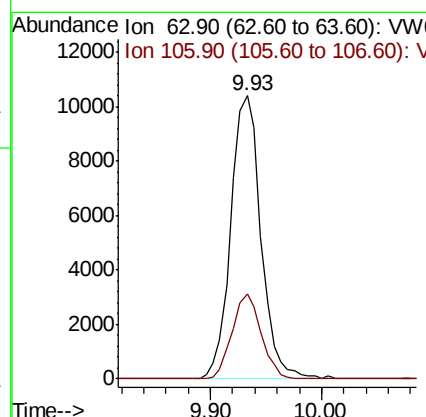
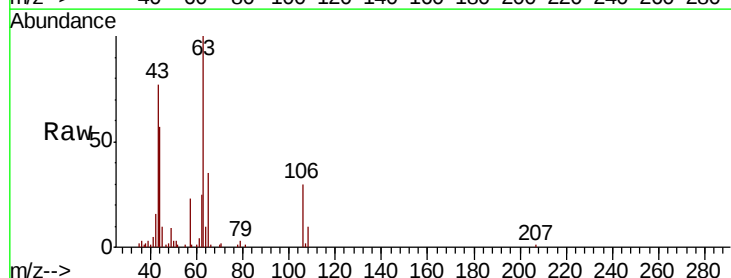
Manual Integrations
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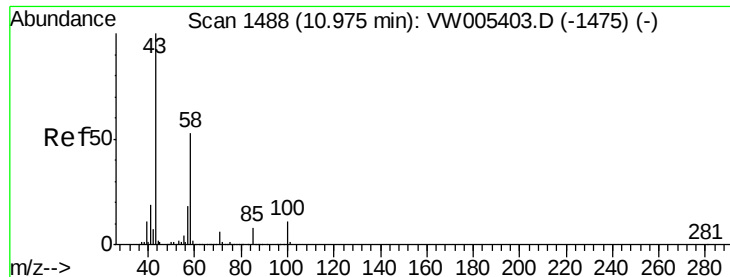
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#58
 2-Chloroethyl Vinyl ether
 Concen: 22.28 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VW005400.D
 Acq: 14 Sep 2018 22:50

Tgt Ion: 63 Resp: 19508
 Ion Ratio Lower Upper
 63 100
 106 28.8 22.0 33.0





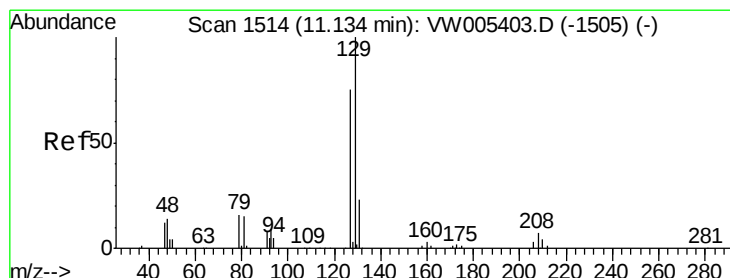
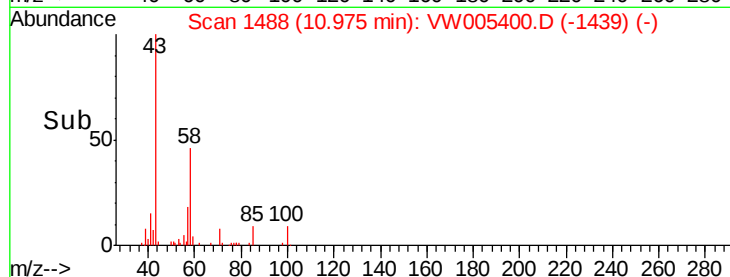
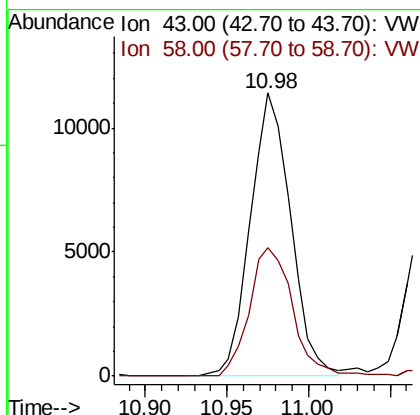
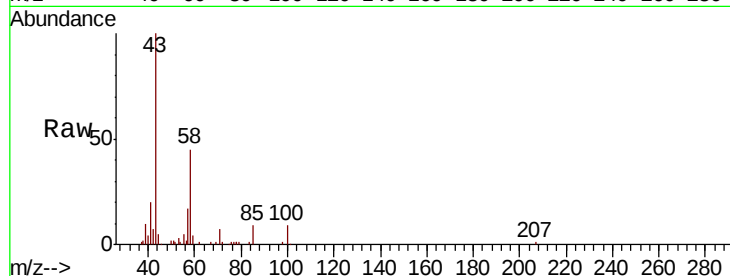
#59
2-Hexanone
Concen: 23.62 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion: 43 Resp: 19676
Ion Ratio Lower Upper
43 100
58 48.8 25.5 76.5

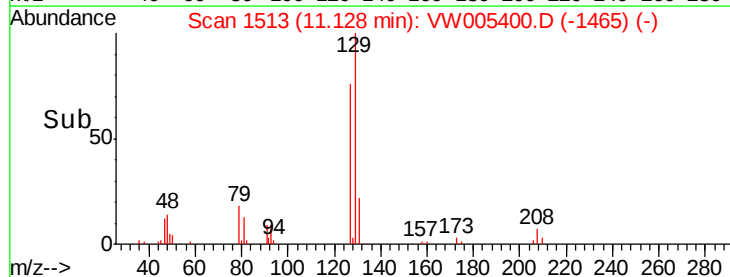
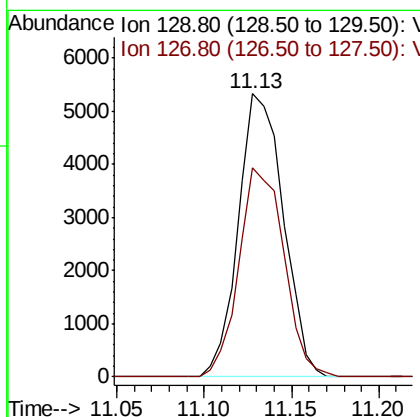
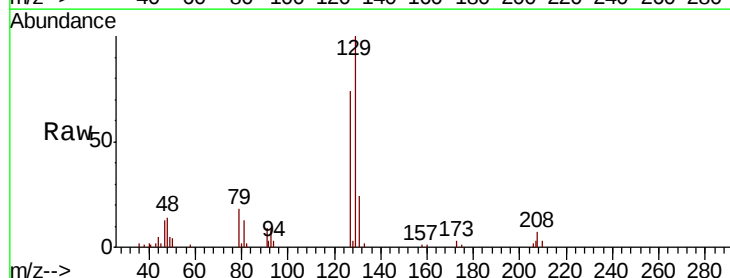
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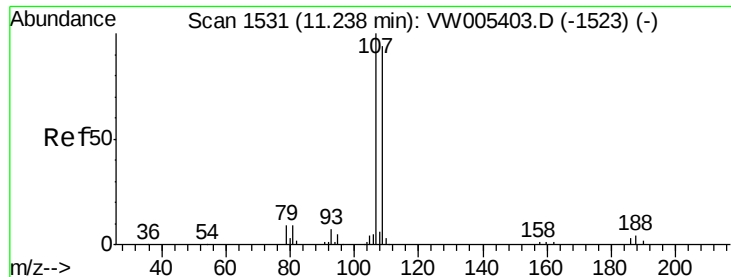
apatel
9/17/2018 2:23:44 PM



#60
Dibromochloromethane
Concen: 5.37 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

Tgt Ion: 129 Resp: 9533
Ion Ratio Lower Upper
129 100
127 74.0 38.5 115.3





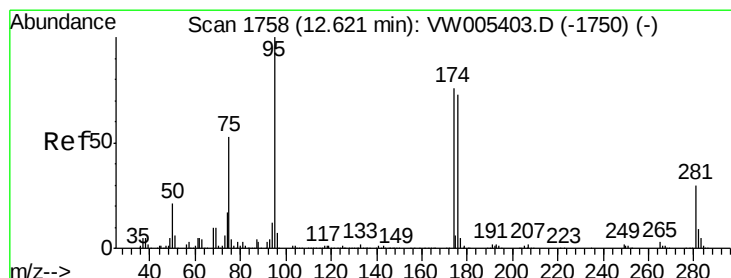
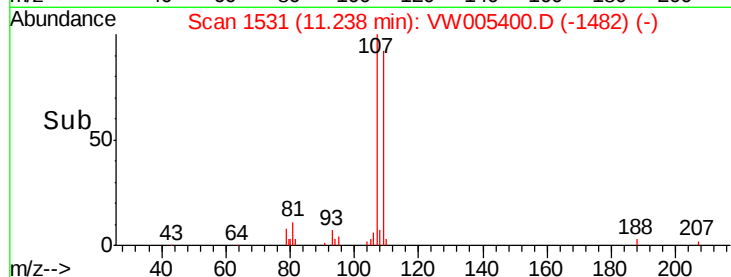
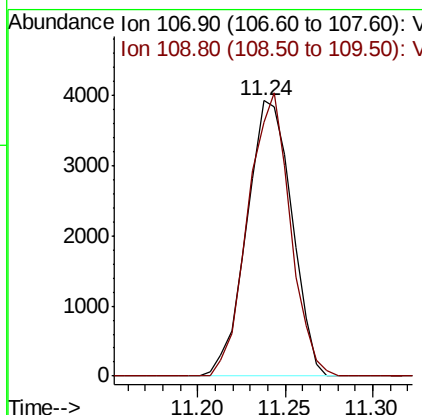
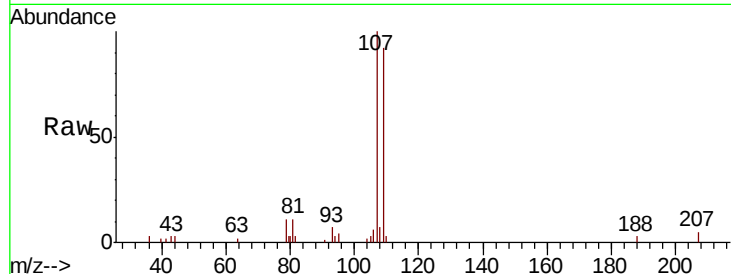
#61
 1,2-Dibromoethane
 Concen: 4.88 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005400.D
 Acq: 14 Sep 2018 22:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.4	75.0	112.6

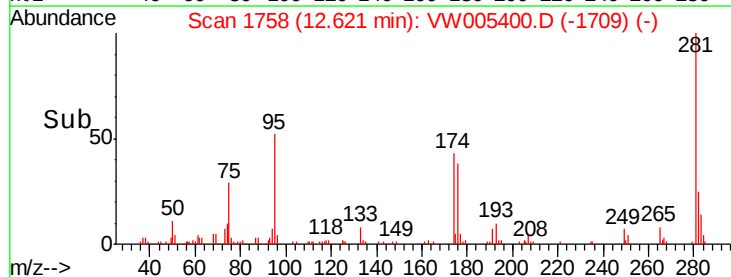
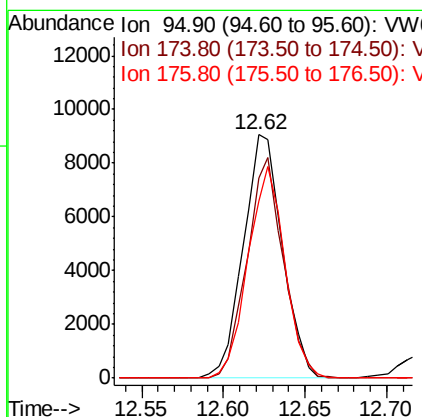
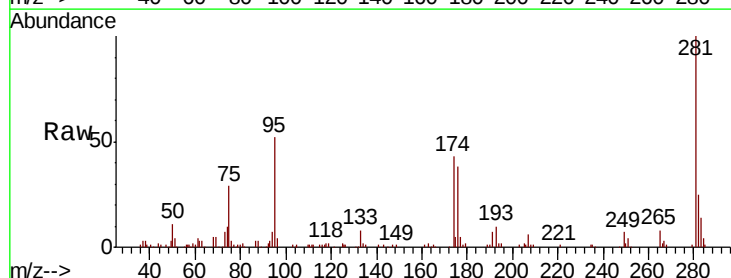
Manual Integrations
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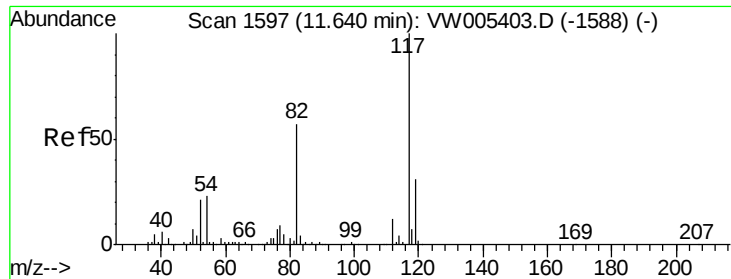
apatel
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#62
 4-Bromofluorobenzene
 Concen: 4.98 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW005400.D
 Acq: 14 Sep 2018 22:50

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.7	0.0	161.2
176	81.6	0.0	156.6





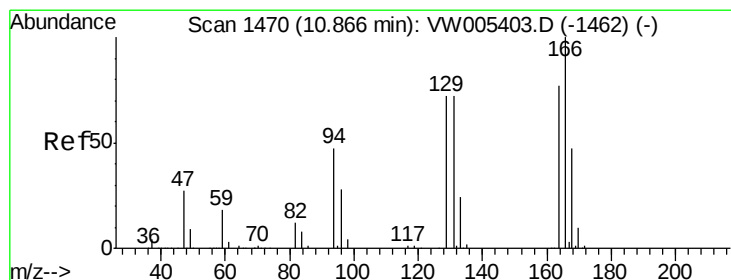
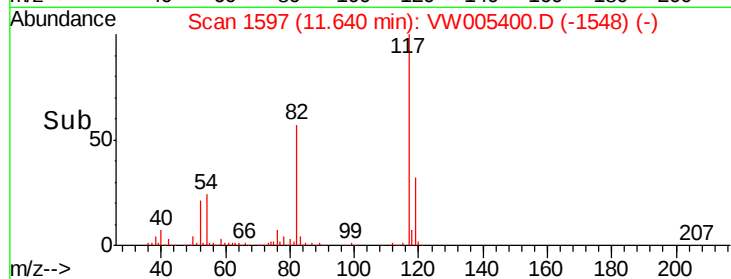
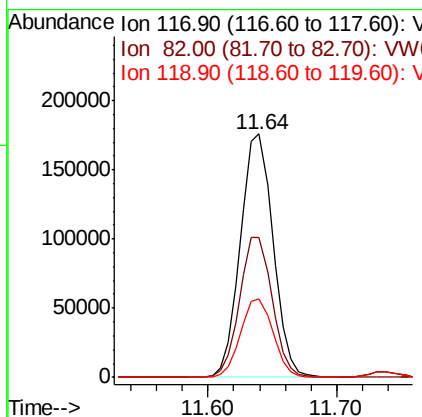
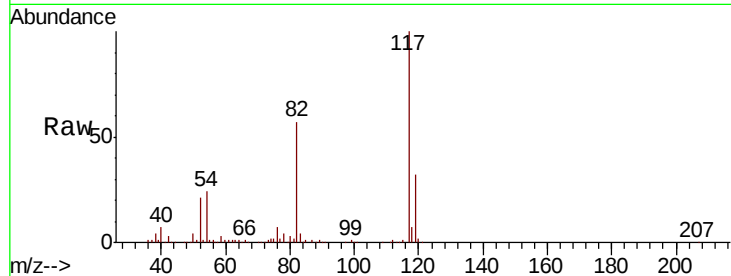
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
117	100	309419		
82	57.5		45.9	68.9
119	32.4		24.8	37.2

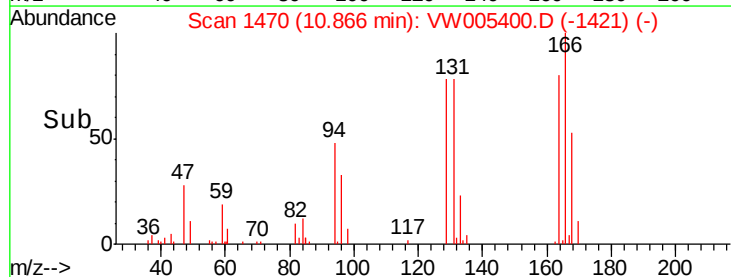
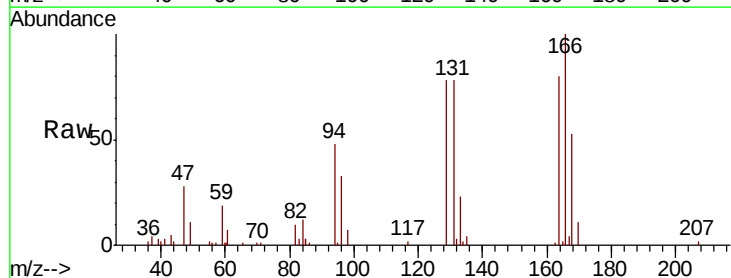
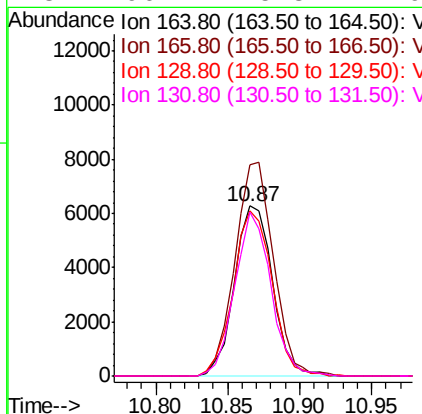
Manual Integrations
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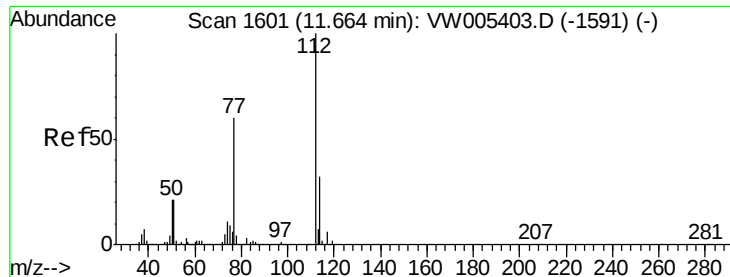
apatel
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#64
Tetrachloroethene
Concen: 5.05 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	11563		
166	124.4		104.0	156.0
129	97.4		74.9	112.3
131	96.7		75.3	112.9





#65

Chlorobenzene

Concen: 5.08 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. -0.00 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion:112 Resp: 34180

Ion Ratio Lower Upper

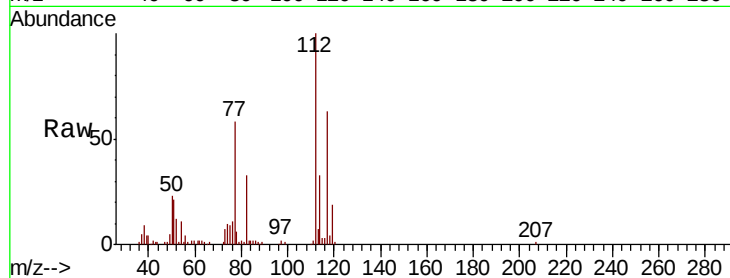
112 100

114 32.7 25.3 37.9

Manual Integrations
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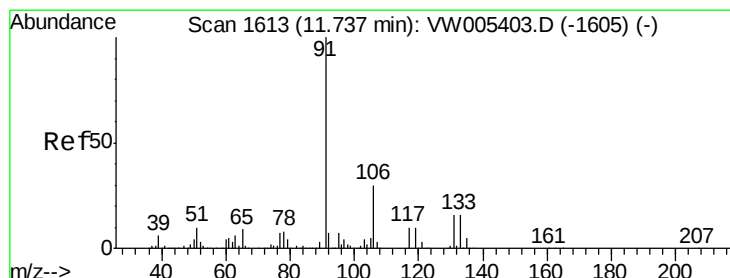
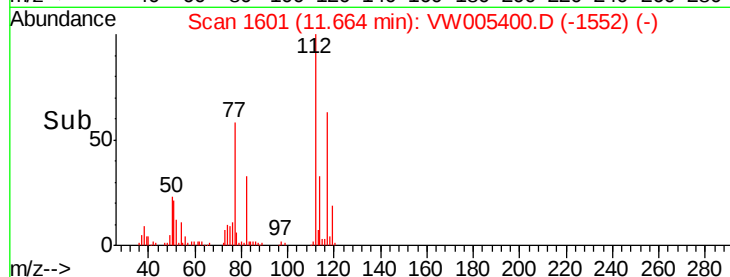
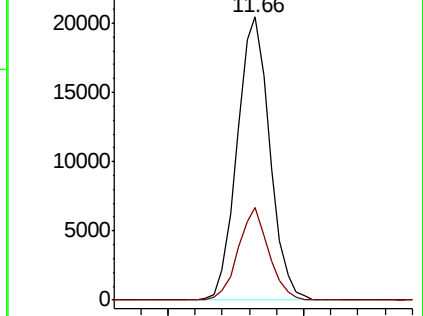
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 5.36 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. -0.00 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

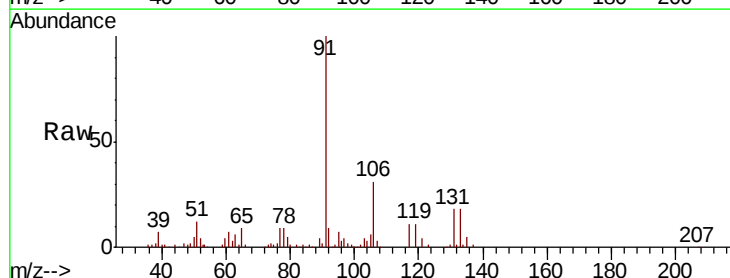
Tgt Ion:131 Resp: 10901

Ion Ratio Lower Upper

131 100

133 92.4 47.3 141.9

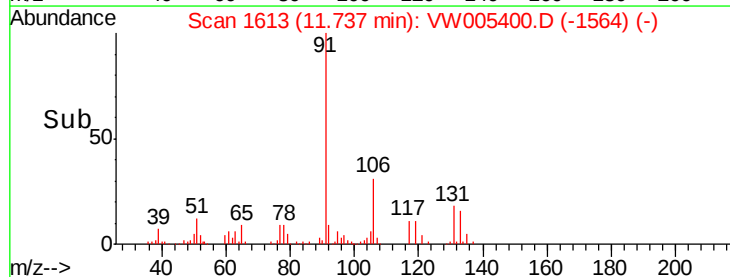
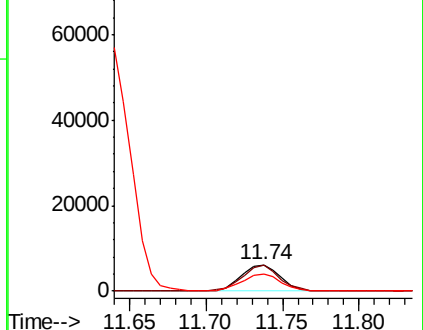
119 65.6 31.1 93.5

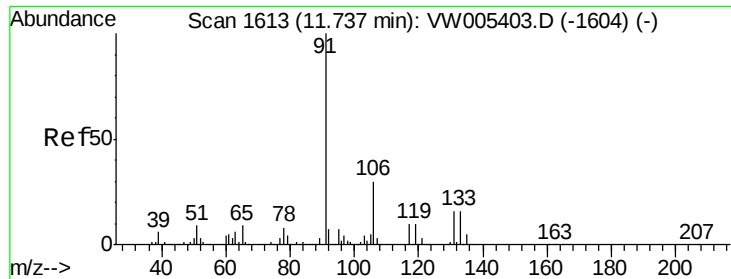


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





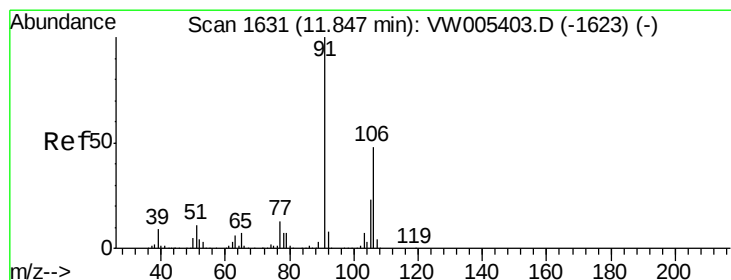
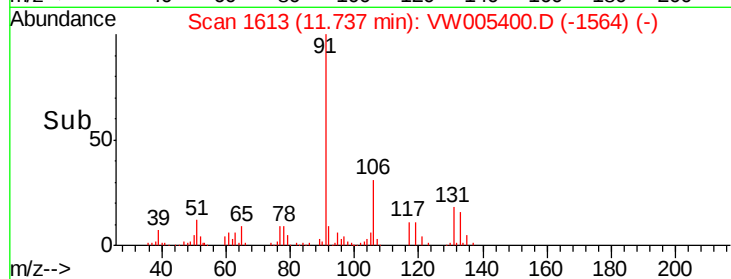
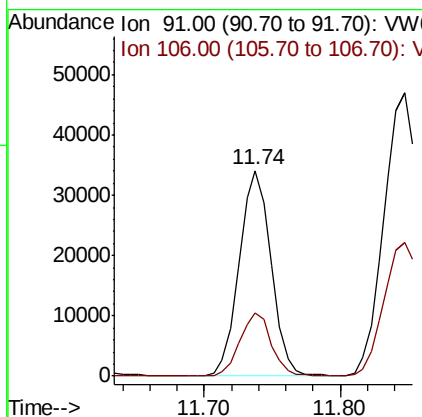
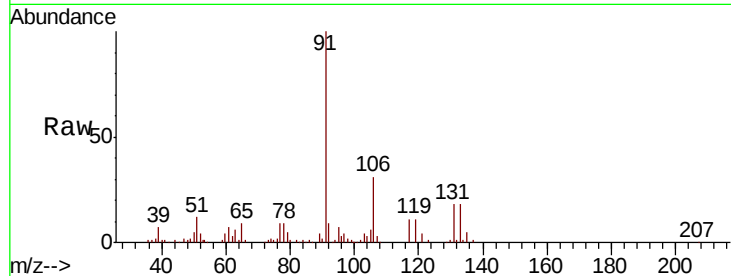
#67
Ethyl Benzene
Concen: 4.75 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion: 91 Resp: 55849
Ion Ratio Lower Upper
91 100
106 30.7 24.2 36.4

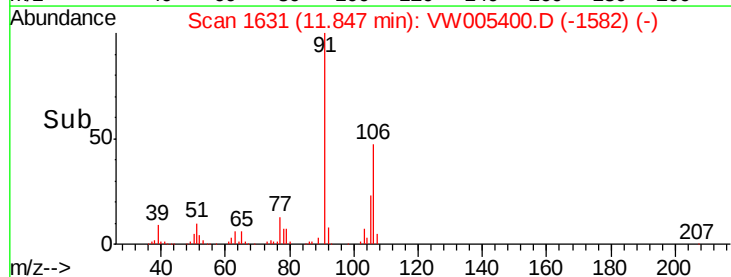
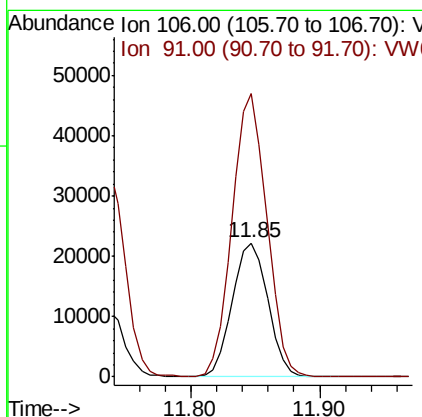
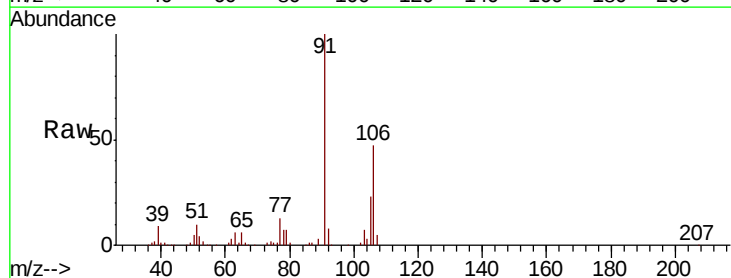
Manual Integrations
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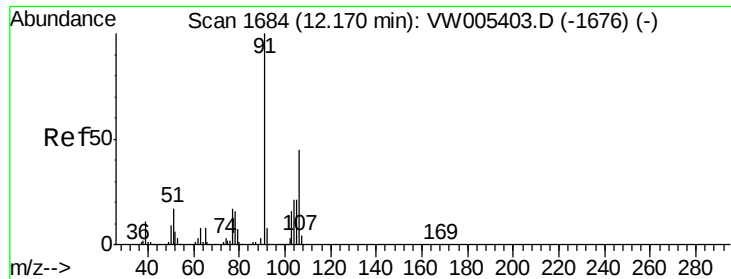
apatel
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#68
m/p-Xylenes
Concen: 9.07 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

Tgt Ion: 106 Resp: 42721
Ion Ratio Lower Upper
106 100
91 206.0 167.9 251.9





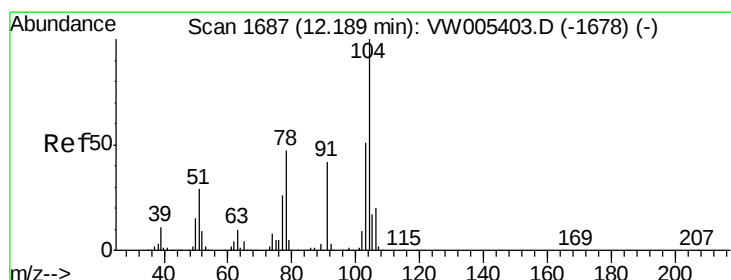
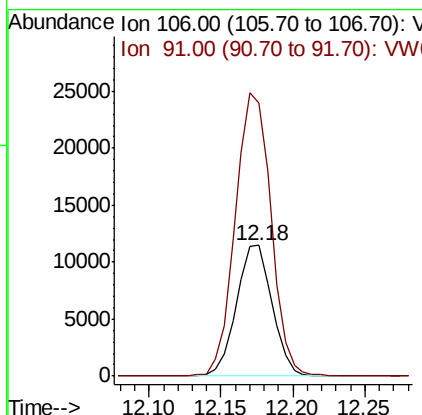
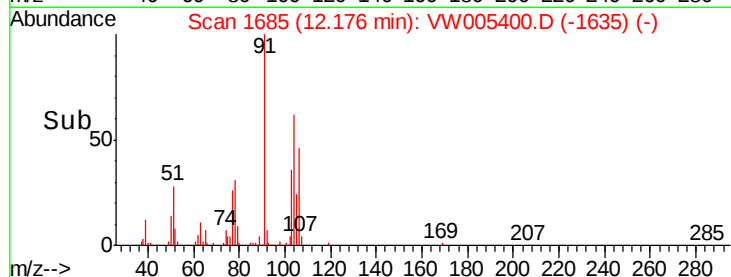
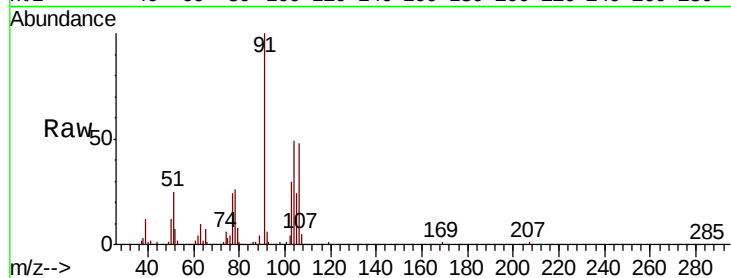
#69
o-Xylene
Concen: 4.53 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.01 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion:106 Resp: 19823
Ion Ratio Lower Upper
106 100
91 216.9 110.6 331.6

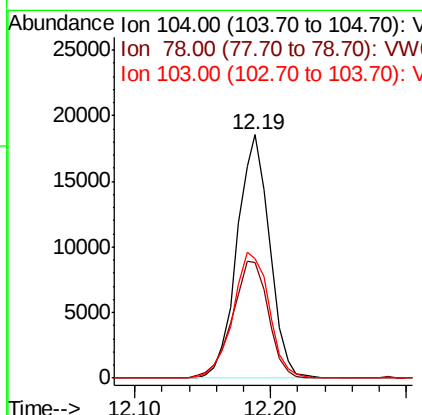
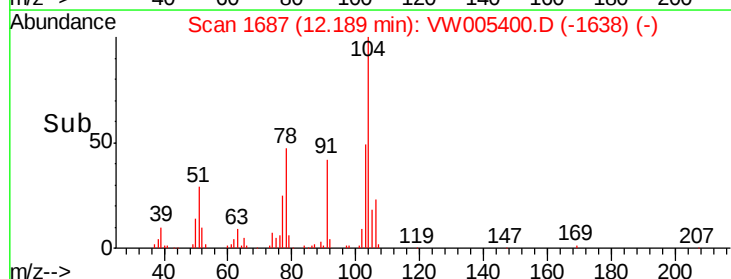
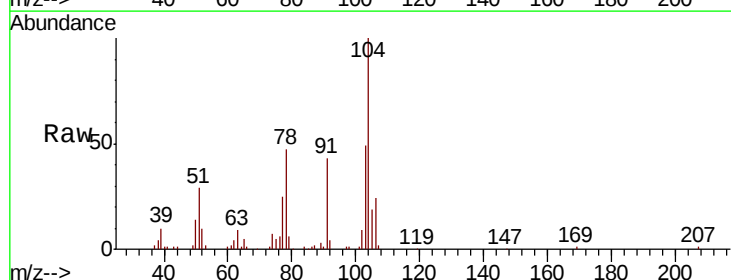
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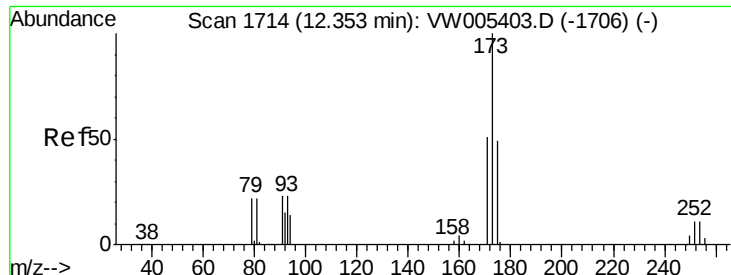
apatel
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#70
Styrene
Concen: 4.32 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

Tgt Ion:104 Resp: 30901
Ion Ratio Lower Upper
104 100
78 53.0 42.4 63.6
103 57.5 44.8 67.2





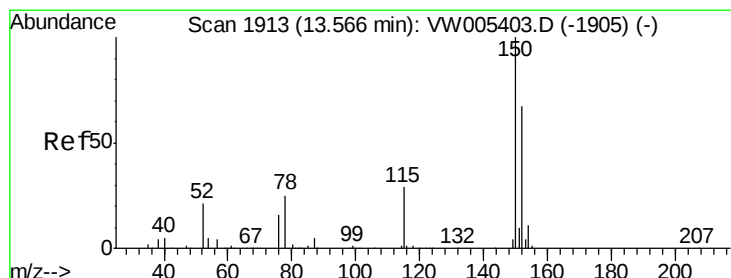
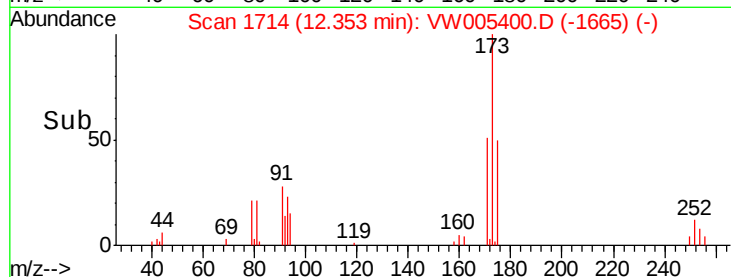
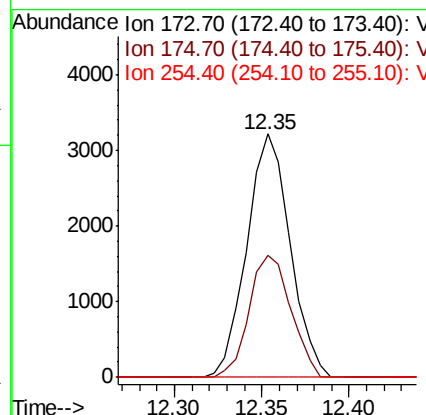
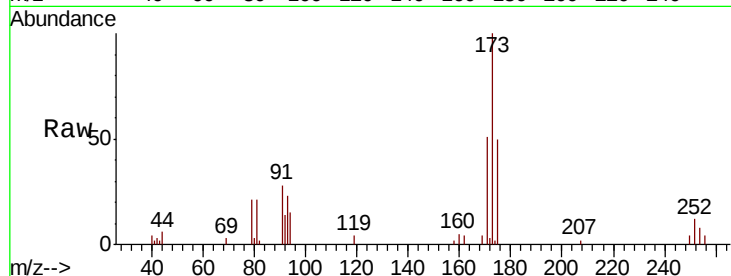
#71
Bromoform
Concen: 5.07 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.2	72.6
254	0.0	0.0	0.0

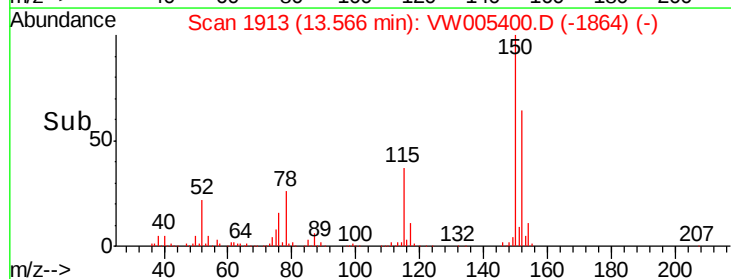
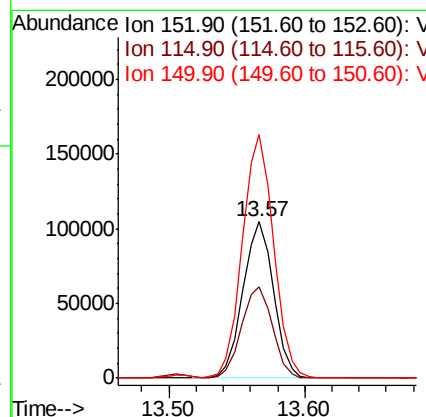
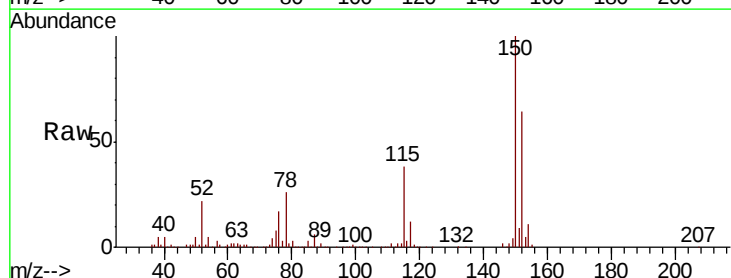
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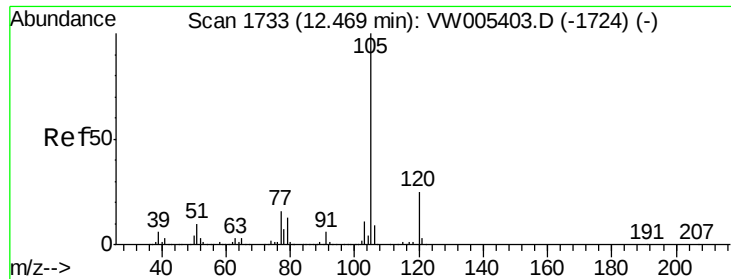
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.4	29.5	88.5
150	159.1	0.0	345.6





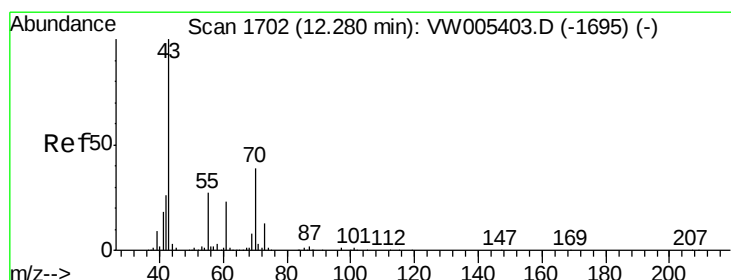
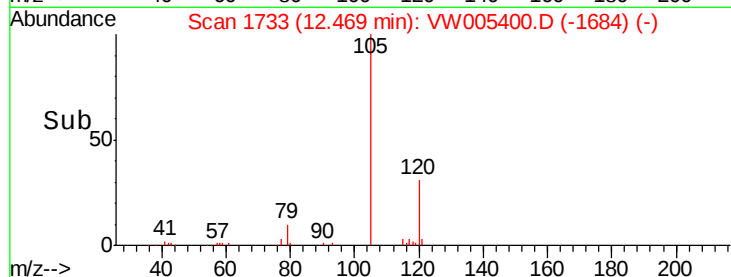
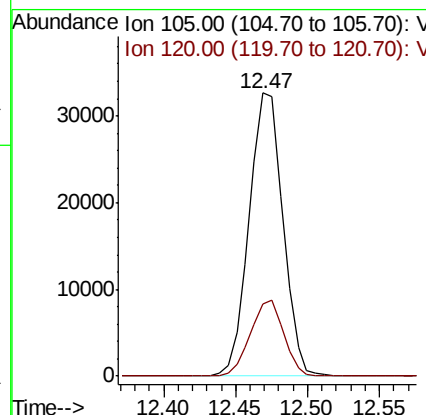
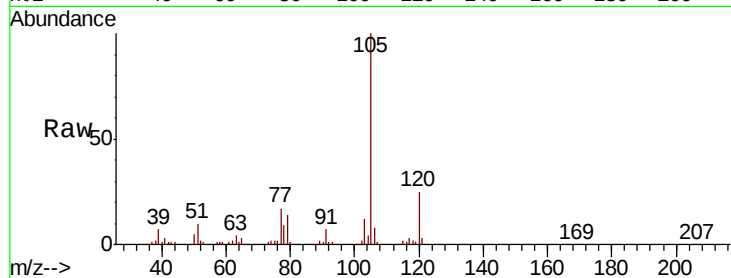
#73
Isopropylbenzene
Concen: 4.58 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.3	12.9	38.6

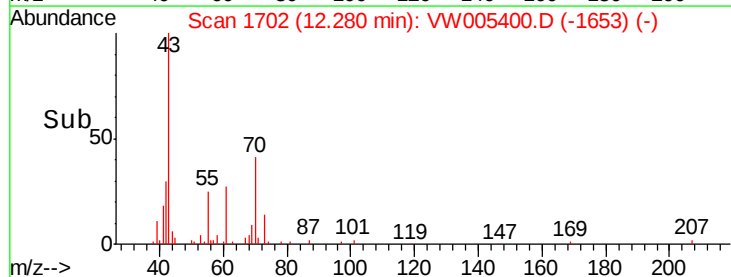
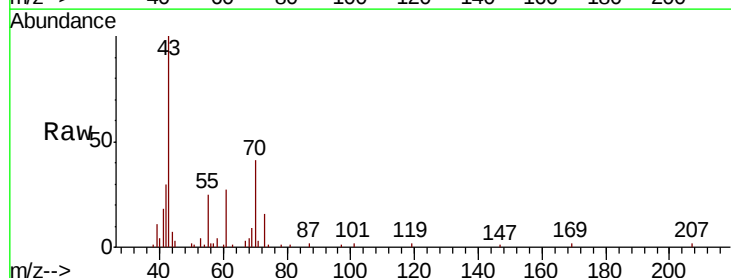
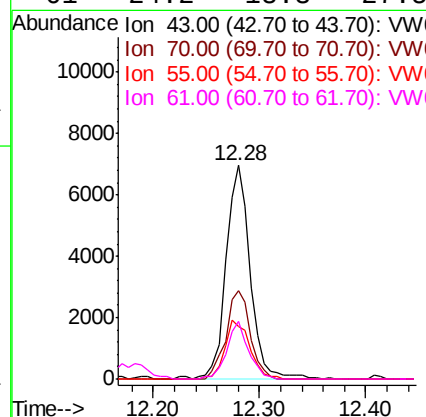
Manual Integrations
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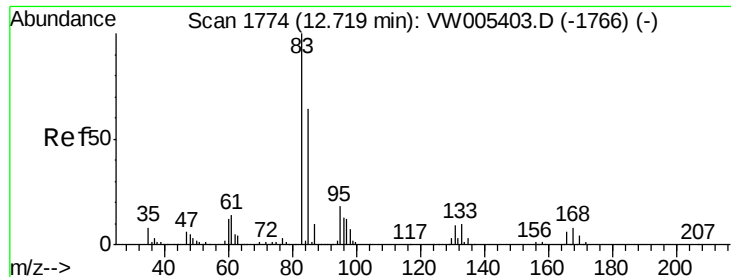
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#74
N-ethyl acetate
Concen: 4.92 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. -0.00 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

Tgt Ion	Ratio	Lower	Upper
43	100		
70	41.3	31.9	47.9
55	28.6	21.4	32.0
61	24.2	18.3	27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 4.99 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Instrument :

MSVOA_W

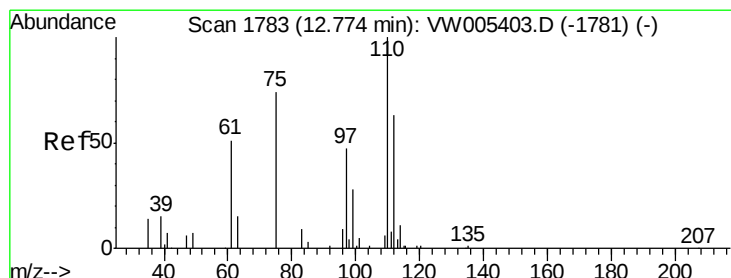
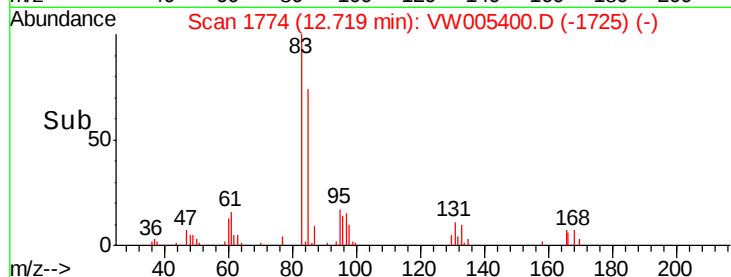
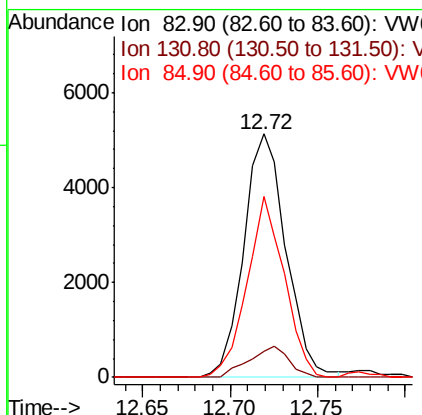
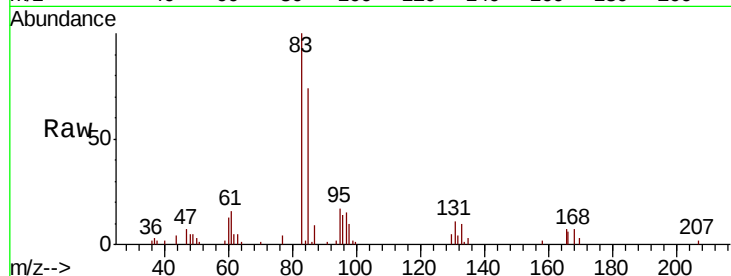
ClientSampled :

VSTDIC005

Tot Ion:	83	Resp:	8612
Ion Ratio	Lower	Upper	
83	100		
131	11.9	5.7	17.1
85	65.6	31.6	95.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 5.35 ug/l m

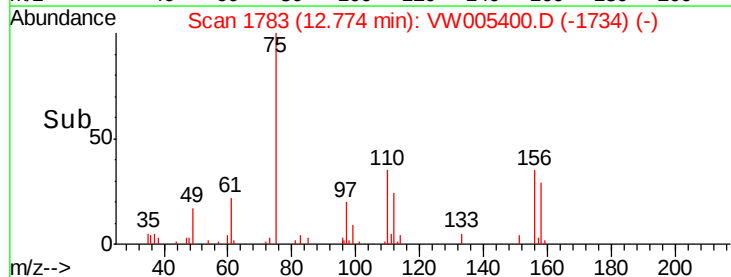
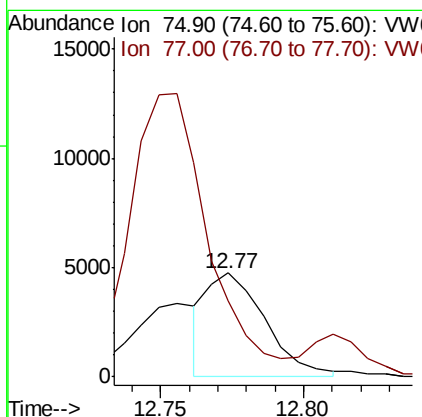
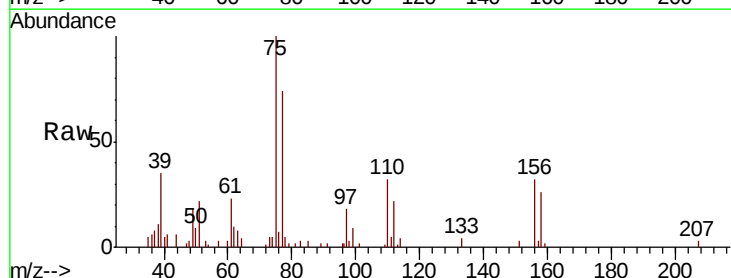
RT: 12.77 min Scan# 1783

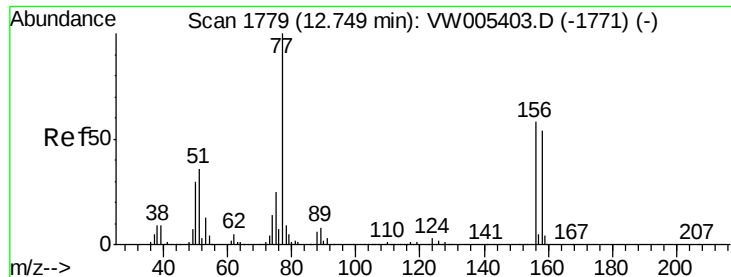
Delta R.T. -0.00 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Tgt Ion:	75	Resp:	6748
Ion Ratio	Lower	Upper	
75	100		
77	367.8	0.0	0.0#





#77

Bromobenzene

Concen: 5.15 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Instrument :

MSVOA_W

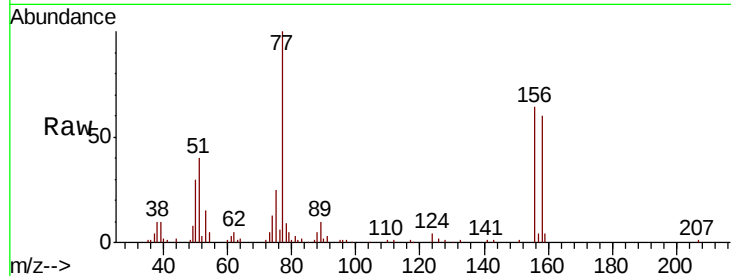
ClientSampled :

VSTDIC005

Tot Ion	Ratio	Lower	Upper
156	100		
77	176.6	92.8	278.3
158	93.1	48.2	144.6

Manual Integrations
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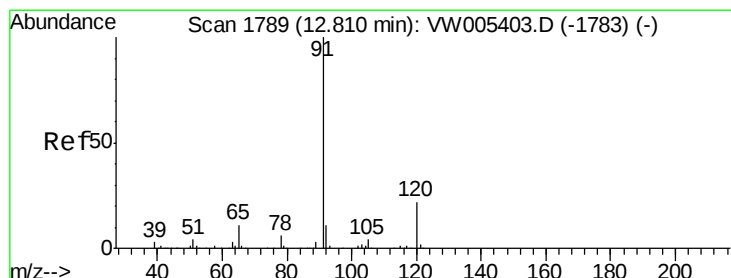
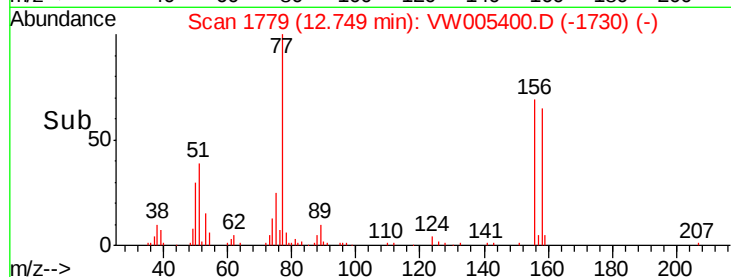
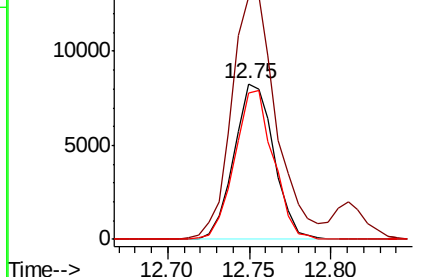
apatel
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 4.58 ug/l

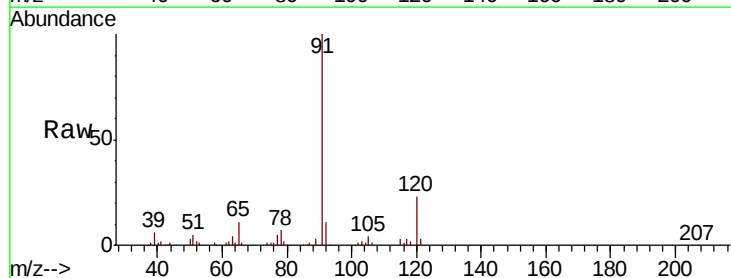
RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005400.D

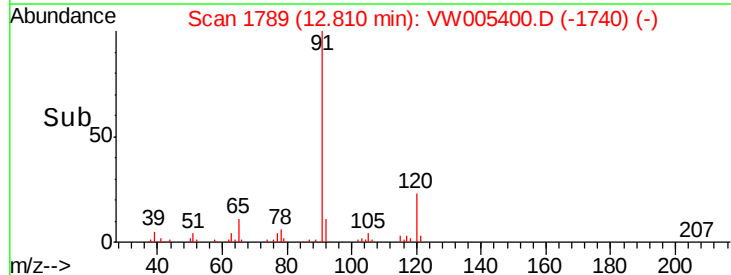
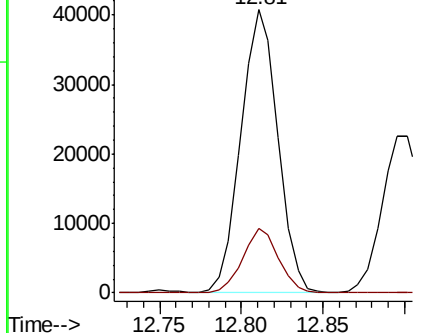
Acq: 14 Sep 2018 22:50

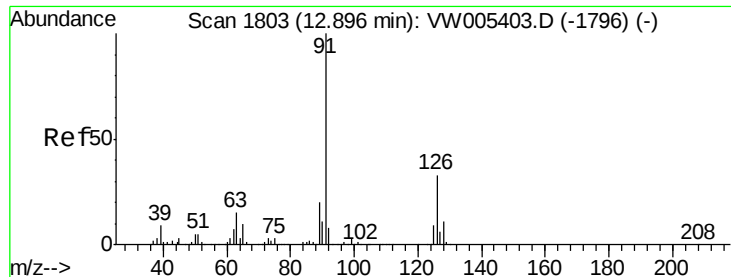
Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.3	33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





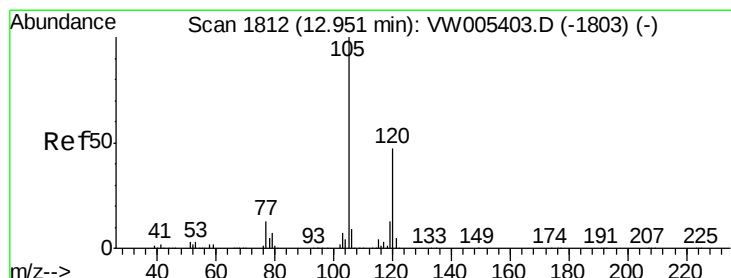
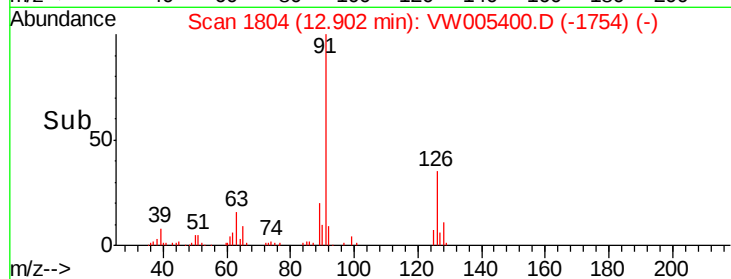
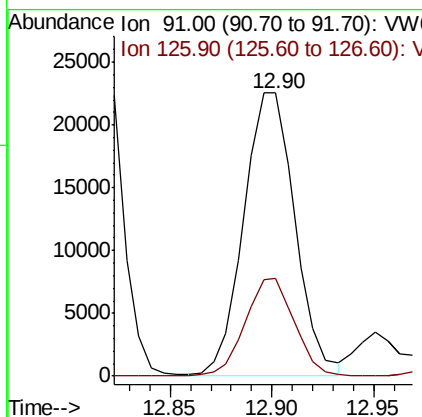
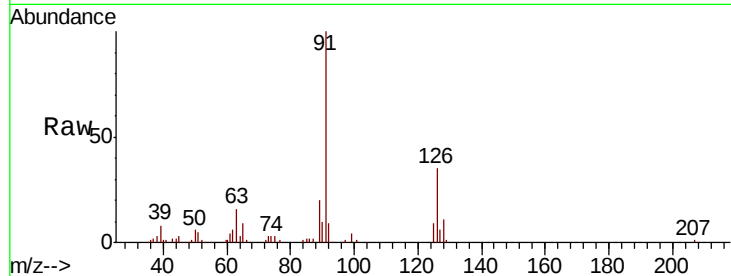
#79
 2-Chlorotoluene
 Concen: 4.91 ug/l
 RT: 12.90 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VW005400.D
 Acq: 14 Sep 2018 22:50

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.4	49.1

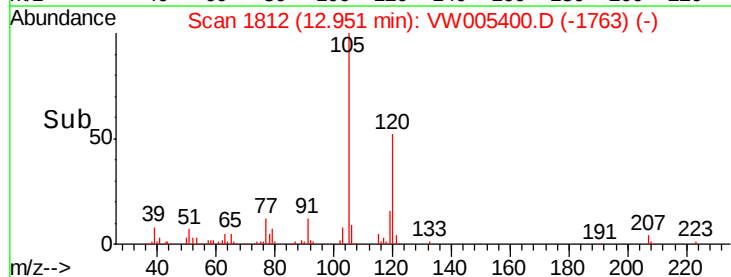
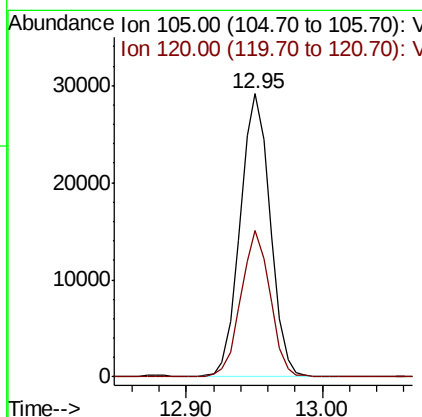
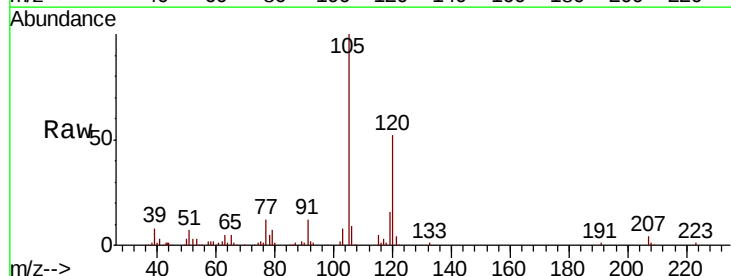
Manual Integrations
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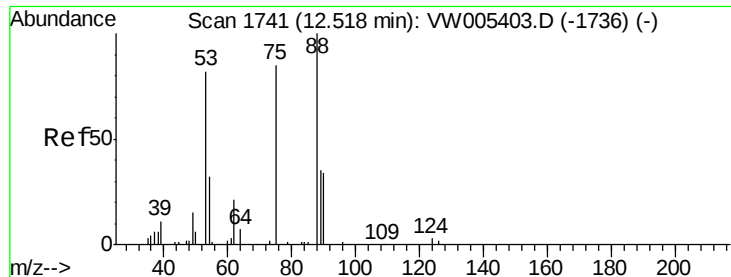
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#80
 1,3,5-Trimethylbenzene
 Concen: 4.54 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW005400.D
 Acq: 14 Sep 2018 22:50

Tgt Ion	Ratio	Lower	Upper
105	100		
120	50.0	23.5	70.5





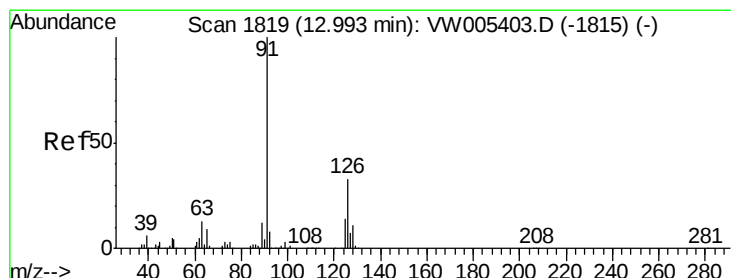
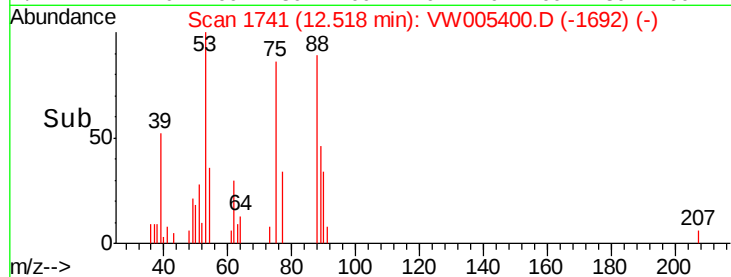
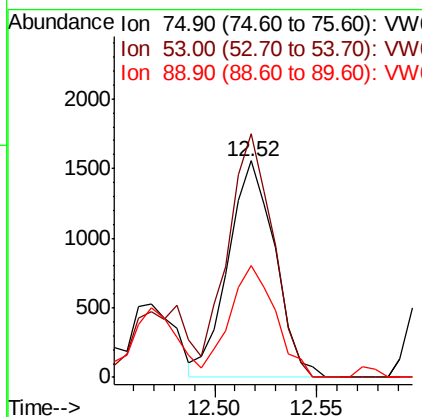
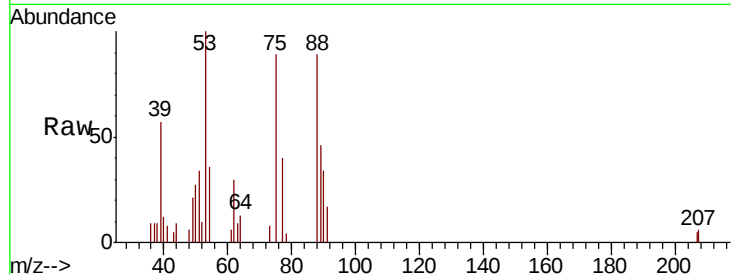
#81
trans-1,4-Dichloro-2-butene
Concen: 4.65 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
53	107.1	83.2	124.8
89	50.2	36.6	54.8

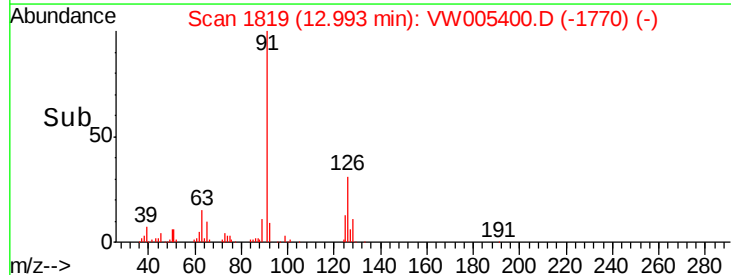
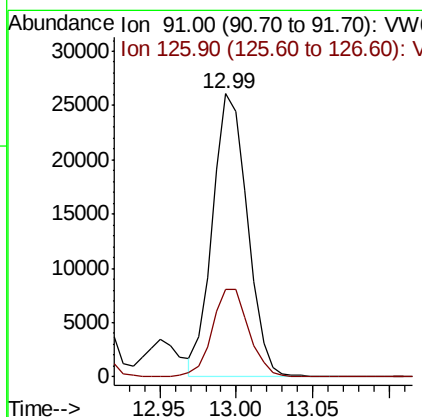
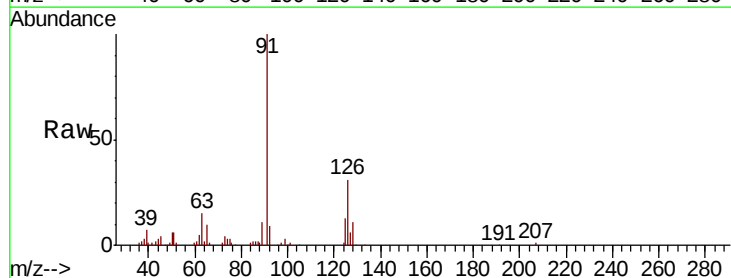
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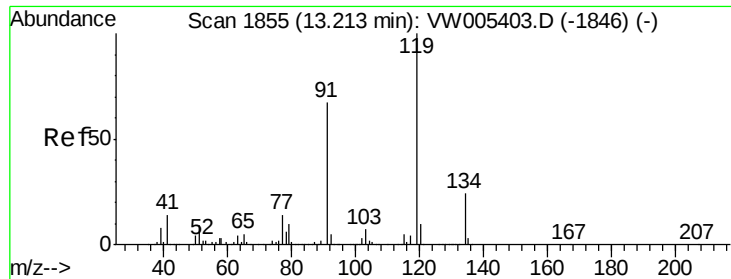
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#82
4-Chlorotoluene
Concen: 4.91 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.4	49.1





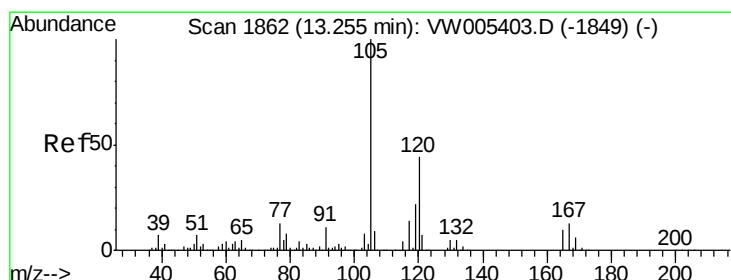
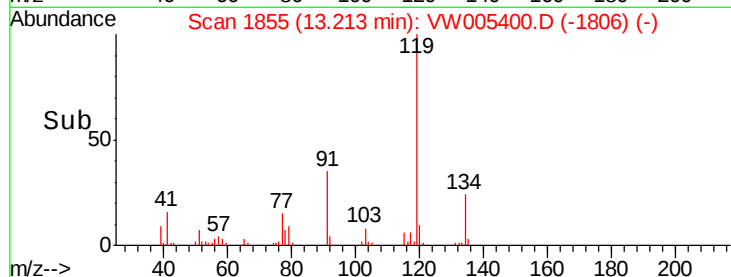
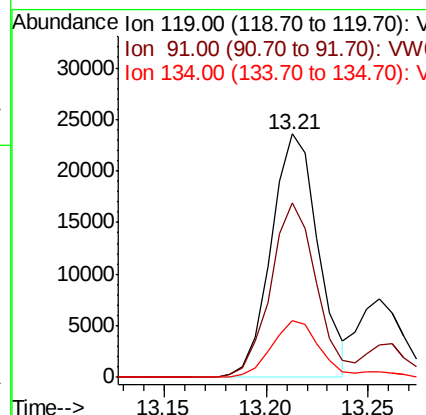
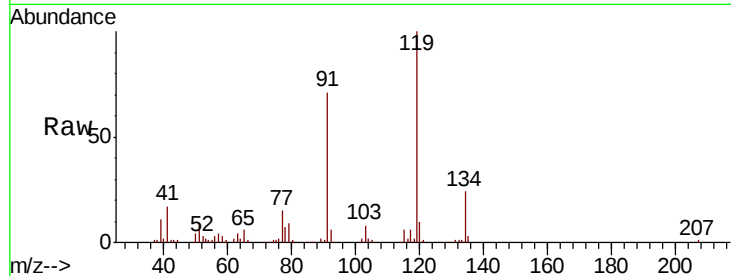
#83
tert-Butylbenzene
Concen: 4.39 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
119	100		
91	70.6	34.4	103.2
134	23.7	12.7	38.0

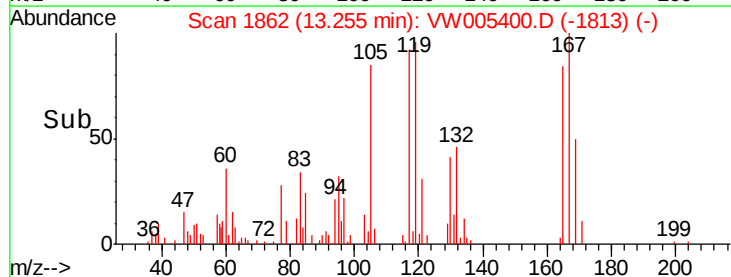
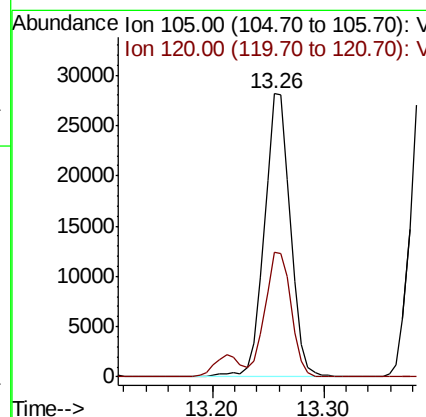
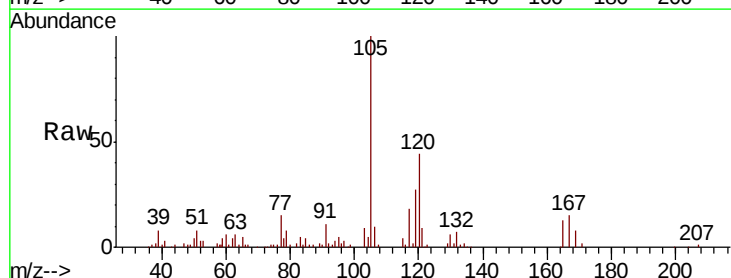
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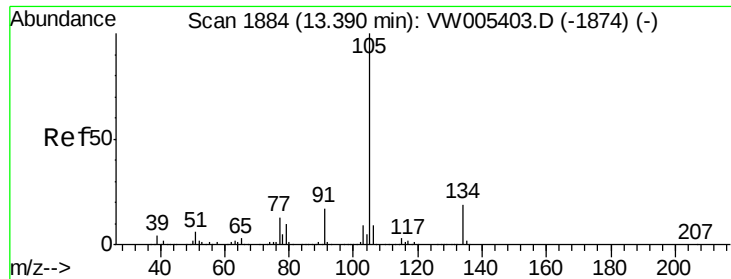
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#84
1,2,4-Trimethylbenzene
Concen: 4.57 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.0	21.8	65.3





#85

sec-Butylbenzene

Concen: 4.53 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 56027

Ion Ratio Lower Upper

105 100

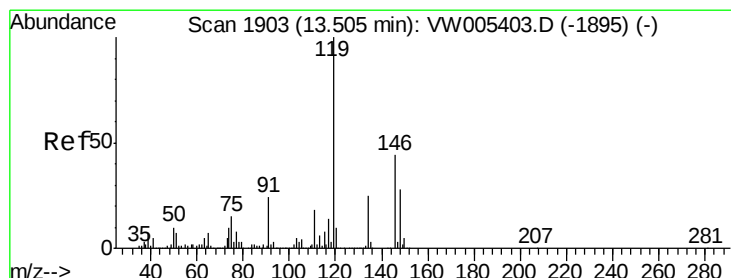
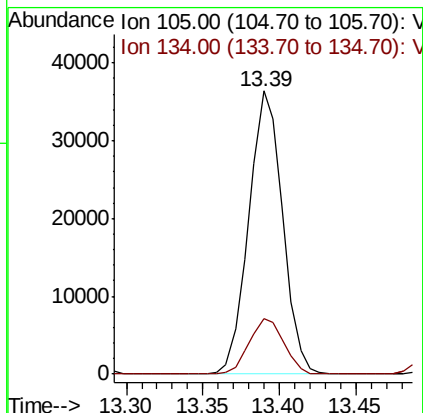
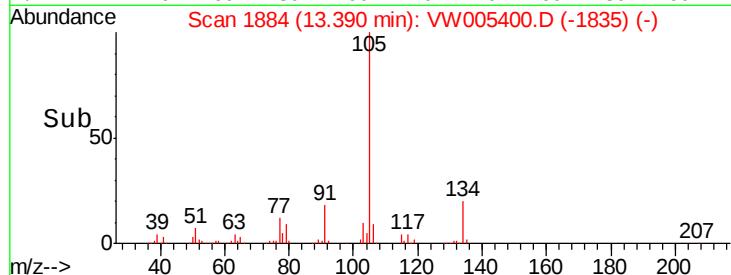
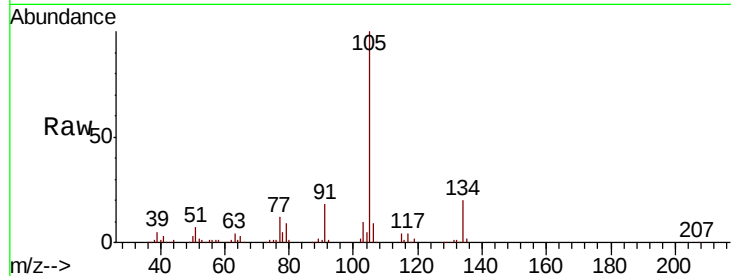
134 19.9 9.8 29.5

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 4.39 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

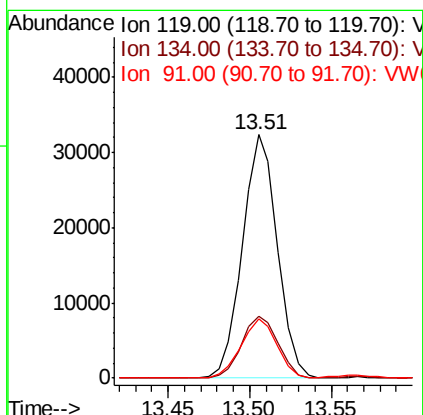
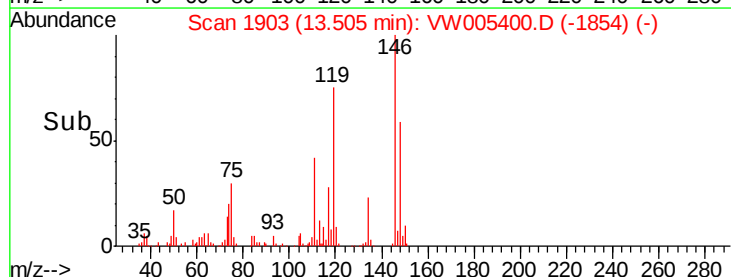
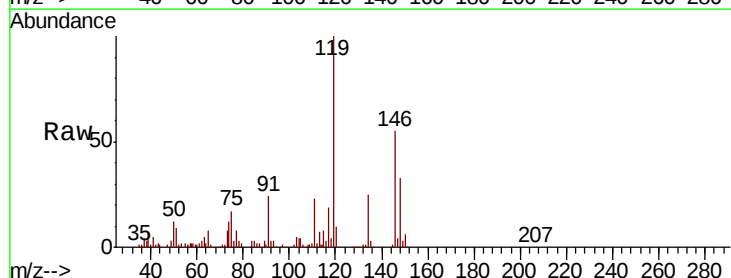
Tgt Ion:119 Resp: 48169

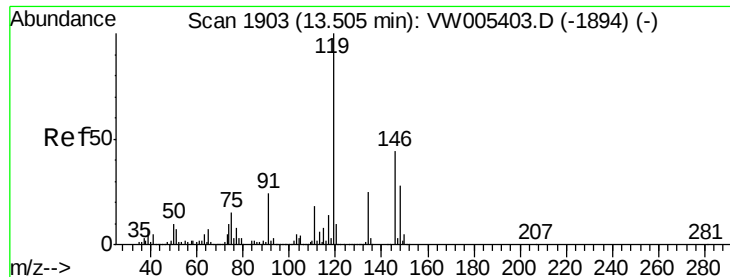
Ion Ratio Lower Upper

119 100

134 26.5 12.6 37.8

91 25.3 12.0 36.0





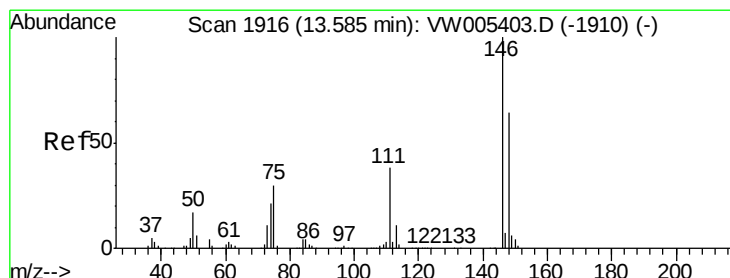
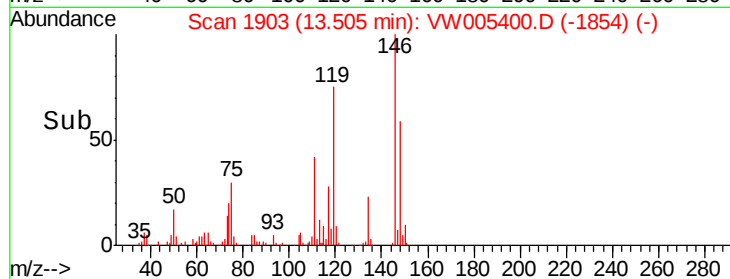
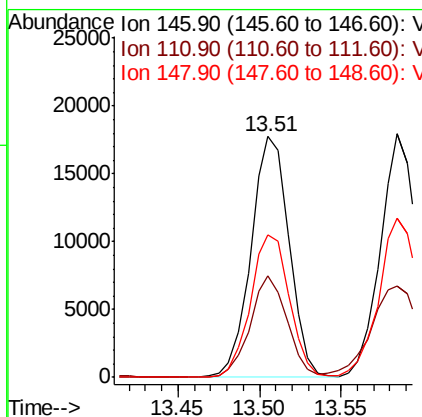
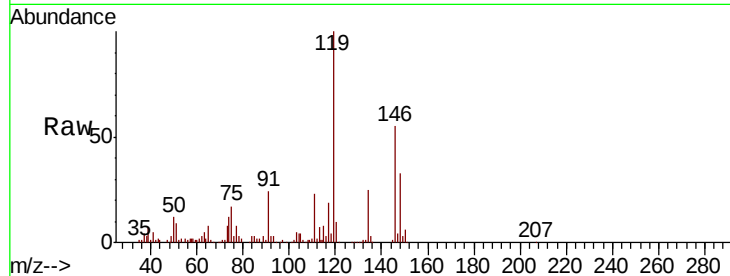
#87
 1,3-Dichlorobenzene
 Concen: 5.08 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005400.D
 Acq: 14 Sep 2018 22:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
146	100	28906		
111	40.6	20.4	61.2	
148	60.5	32.0	96.0	

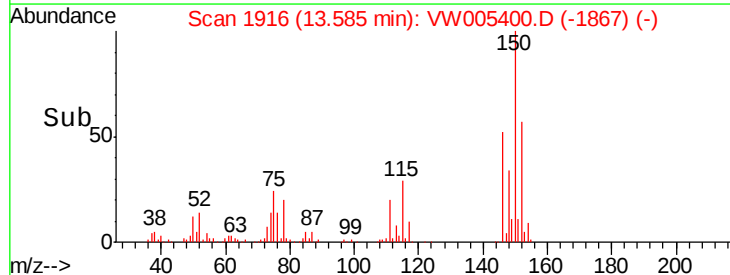
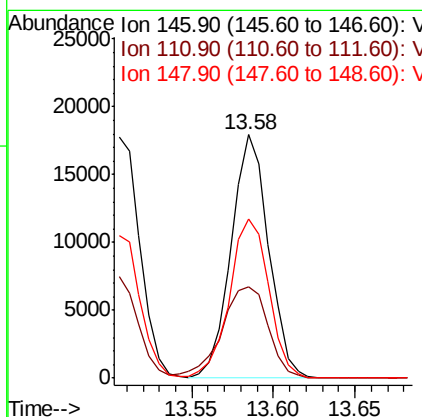
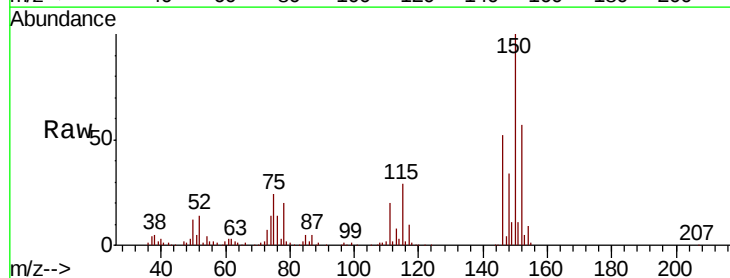
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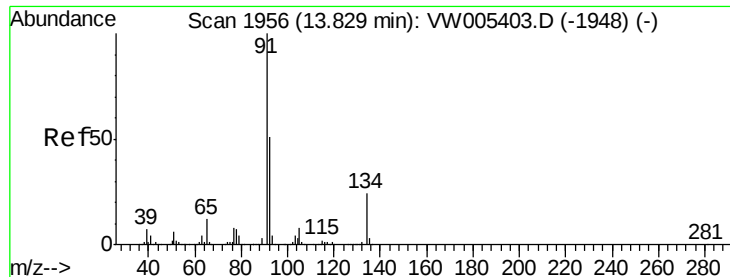
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#88
 1,4-Dichlorobenzene
 Concen: 5.10 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005400.D
 Acq: 14 Sep 2018 22:50

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	28683		
111	46.8	19.6	58.8	
148	68.5	31.8	95.4	





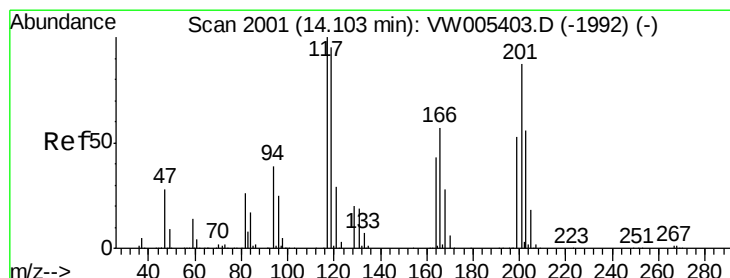
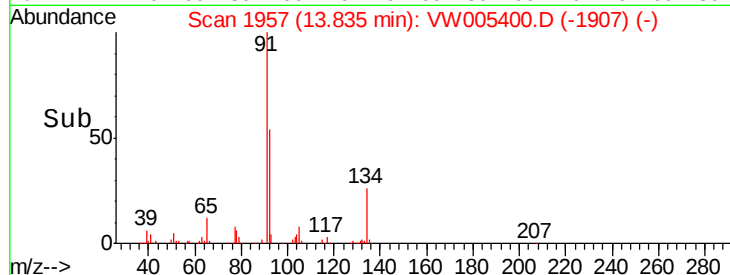
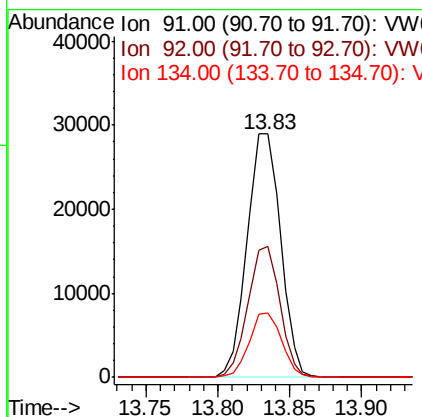
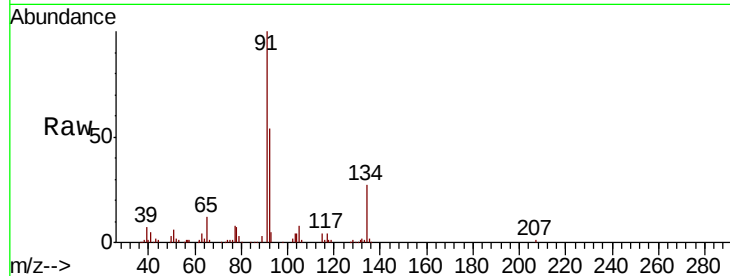
#89
n-Butylbenzene
Concen: 4.52 ug/l
RT: 13.83 min Scan# 1957
Delta R.T. 0.01 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion:	91	Resp:	46650
Ion	Ratio	Lower	Upper
91	100		
92	51.4	26.2	78.6
134	25.4	12.7	38.1

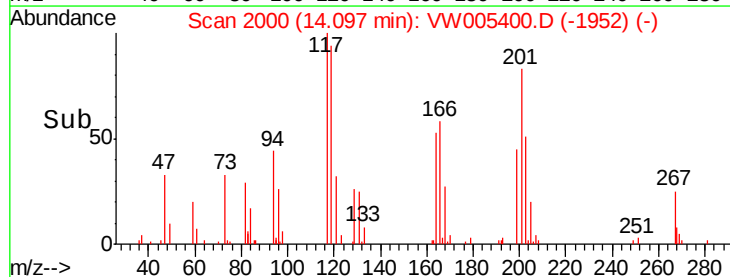
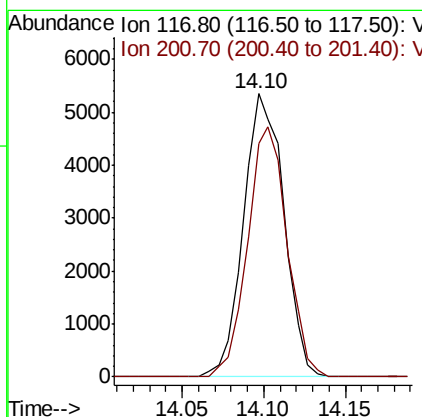
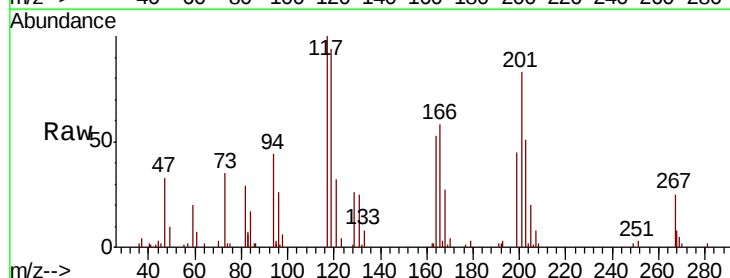
Manual Integrations
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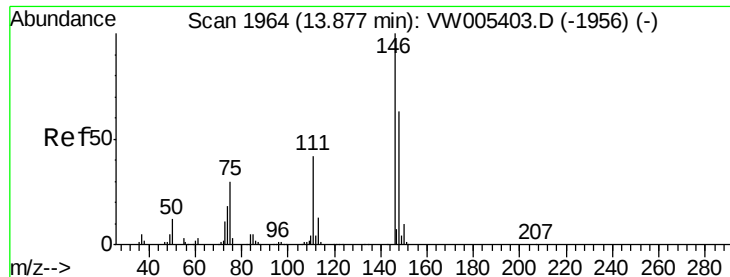
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#90
Hexachloroethane
Concen: 5.19 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: VW005400.D
Acq: 14 Sep 2018 22:50

Tgt Ion:	117	Resp:	9220
Ion	Ratio	Lower	Upper
117	100		
201	86.2	42.5	127.5





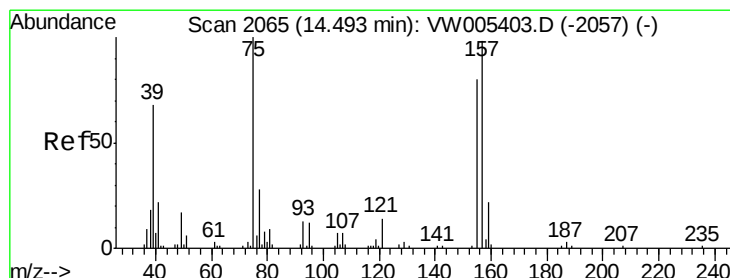
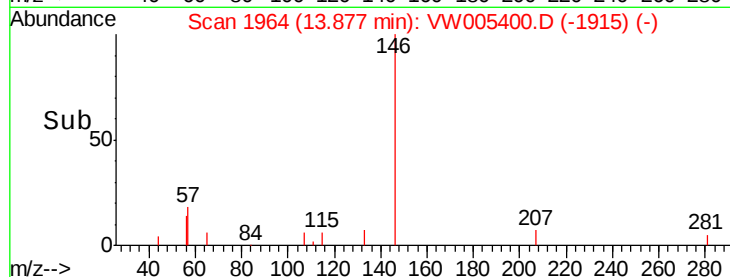
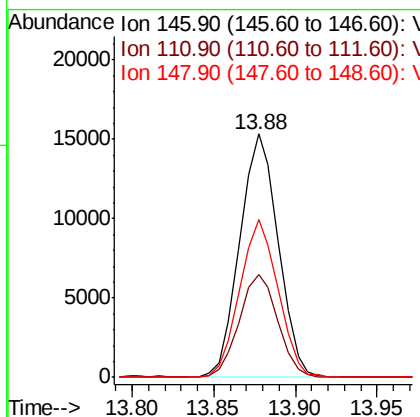
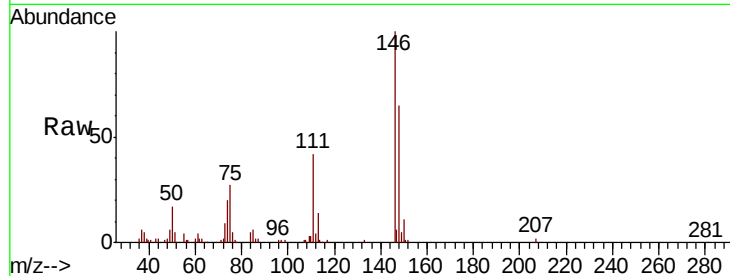
#91
 1,2-Dichlorobenzene
 Concen: 4.99 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005400.D
 Acq: 14 Sep 2018 22:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.0	63.0
148	64.6	31.9	95.9

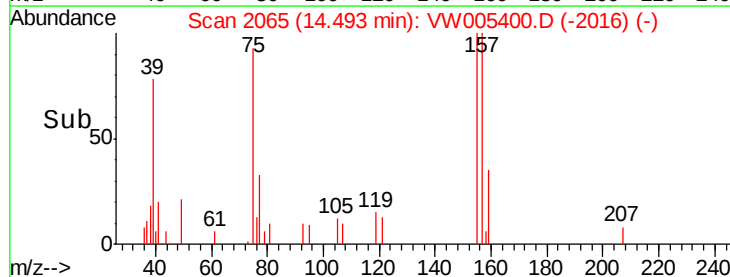
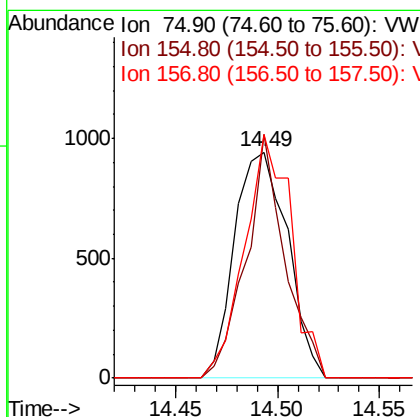
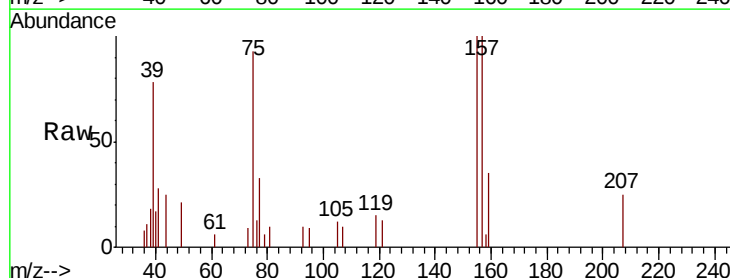
Manual Integrations
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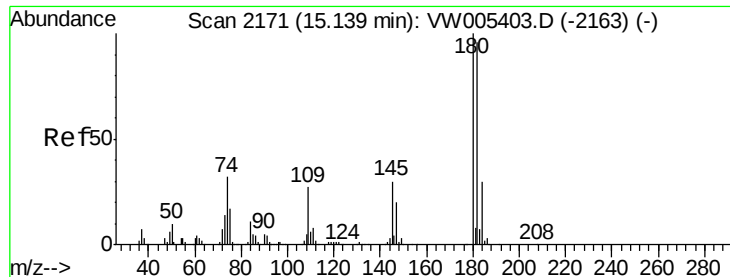
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.78 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005400.D
 Acq: 14 Sep 2018 22:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.7	39.0	117.0
157	94.7	49.9	149.6





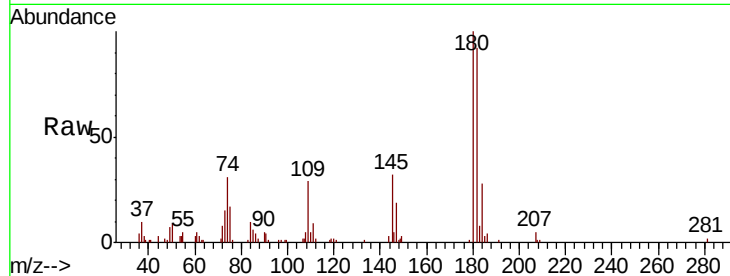
#93
 1,2,4-Trichlorobenzene
 Concen: 4.35 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW005400.D
 Acq: 14 Sep 2018 22:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.9	47.3	141.9
145	30.2	14.8	44.3

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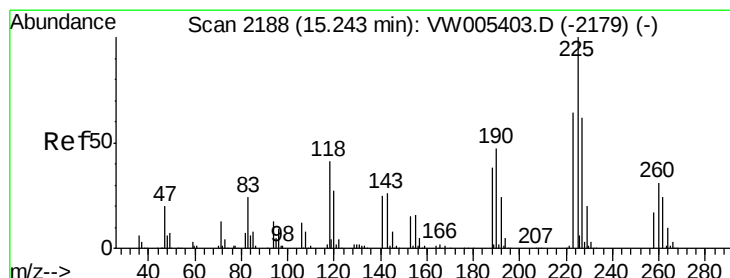
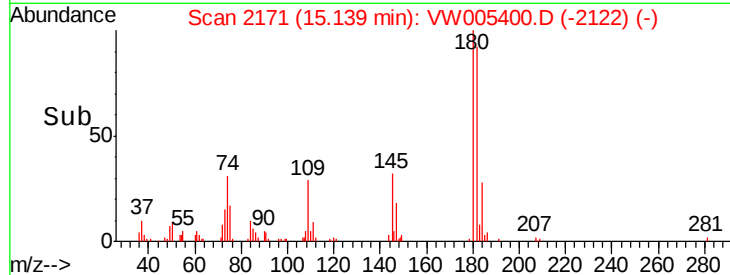
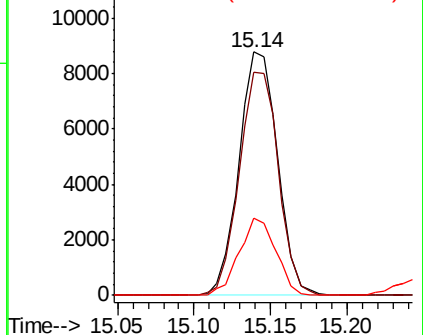


Abundance

Ion 179.80 (179.50 to 180.50): V

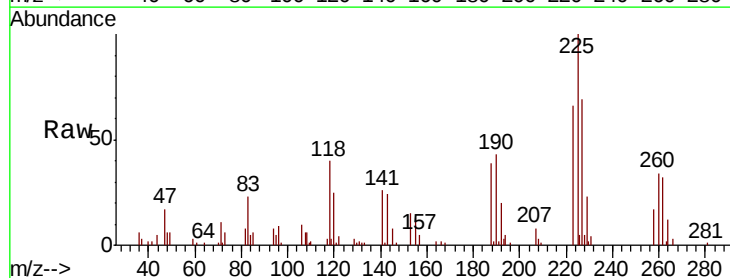
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 4.67 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: VW005400.D
 Acq: 14 Sep 2018 22:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.4	31.2	93.6
227	67.8	31.6	95.0

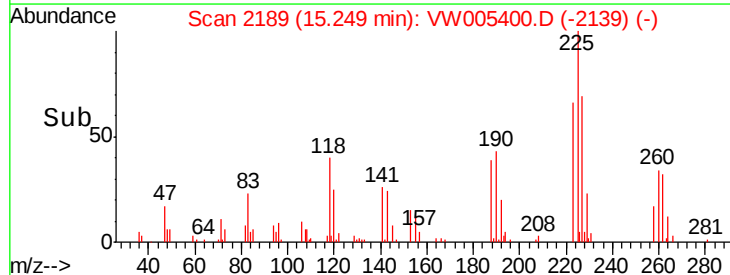
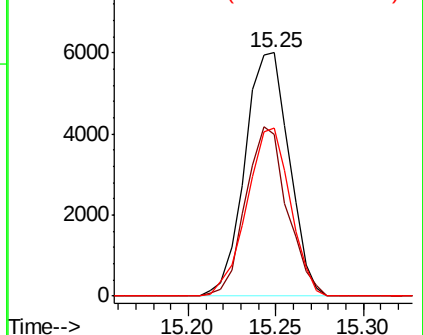


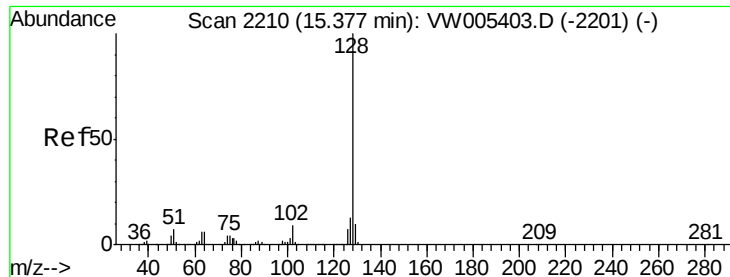
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 4.05 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Instrument :

MSVOA_W

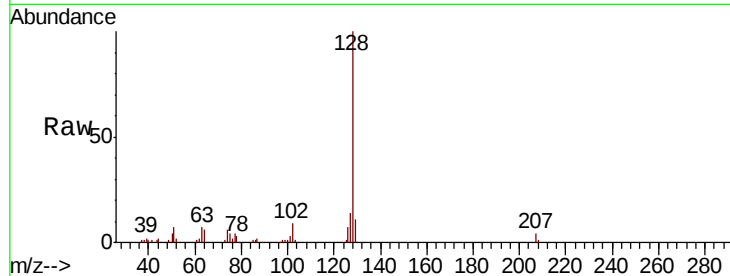
ClientSampleId :

VSTDIC005

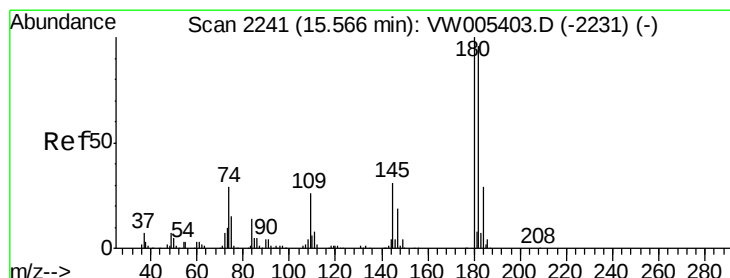
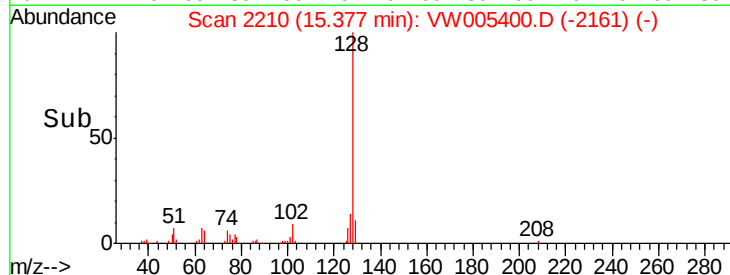
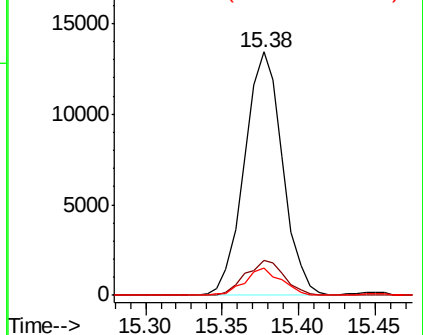
Tot Ion:	128	Resp:	23201
Ion Ratio	Lower	Upper	
128	100		
127	14.6	11.0	16.4
129	10.6	8.7	13.1

Manual Integrations
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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: 4.47 ug/l

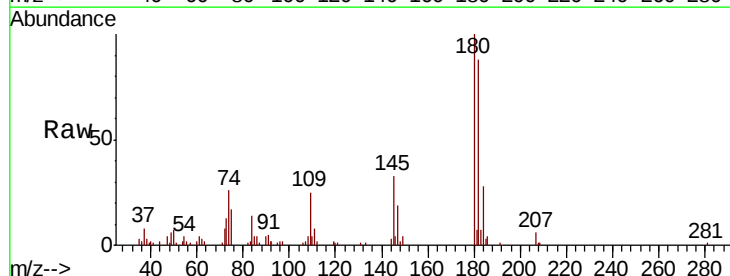
RT: 15.57 min Scan# 2241

Delta R.T. -0.00 min

Lab File: VW005400.D

Acq: 14 Sep 2018 22:50

Tgt Ion:	180	Resp:	13586
Ion Ratio	Lower	Upper	
180	100		
182	94.4	48.1	144.4
145	32.2	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

