

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091618\
 Data File : VW005404.D
 Acq On : 15 Sep 2018 00:31
 Operator : SY/AP
 Sample : VSTDIC075
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Manual Integrations
 APPROVED

apatel
 9/17/2018 2:24:00 PM

Quant Time: Sep 15 02:23:54 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	228686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	338563	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	327878	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	173630	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	154714	85.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	171.90%	
35) Dibromofluoromethane	7.89	113	127959	71.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	143.96%	
50) Toluene-d8	10.33	98	624714	70.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	141.16%	
62) 4-Bromofluorobenzene	12.62	95	228204	69.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	139.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	137687	68.62	ug/l	100
3) Chloromethane	2.21	50	176583	66.75	ug/l	99
4) Vinyl Chloride	2.36	62	168253	68.97	ug/l	95
5) Bromomethane	2.78	94	108749	65.33	ug/l	100
6) Chloroethane	2.92	64	101369	74.35	ug/l	99
7) Trichlorofluoromethane	3.26	101	216331	76.03	ug/l	98
8) Diethyl Ether	3.70	74	67893	69.14	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	125526	64.13	ug/l	99
10) Methyl Iodide	4.28	142	188169	86.80	ug/l	99
11) Tert butyl alcohol	5.23	59	49159	347.04	ug/l	97
12) 1,1-Dichloroethene	4.05	96	117438	65.38	ug/l	96
13) Acrolein	3.91	56	34252	263.21	ug/l	98
14) Allyl chloride	4.68	41	228091	79.73	ug/l	99
15) Acrylonitrile	5.38	53	157621	355.52	ug/l	100
16) Acetone	4.16	43	123949	381.64	ug/l	99
17) Carbon Disulfide	4.38	76	418730	66.54	ug/l	99
18) Methyl Acetate	4.68	43	75869	77.45	ug/l	98
19) Methyl tert-butyl Ether	5.44	73	343547	78.10	ug/l	96
20) Methylene Chloride	4.93	84	165171	61.04	ug/l	95
21) trans-1,2-Dichloroethene	5.43	96	139587	66.17	ug/l	97
22) Diisopropyl ether	6.32	45	471756	81.79	ug/l	99
23) Vinyl Acetate	6.27	43	1326698	411.36	ug/l	100
24) 1,1-Dichloroethane	6.23	63	263970	74.78	ug/l	99
25) 2-Butanone	7.18	43	192137	374.39	ug/l	95
26) 2,2-Dichloropropane	7.18	77	230136	75.07	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	154122	68.04	ug/l	99
28) Bromochloromethane	7.52	49	96578	74.36	ug/l #	100
29) Tetrahydrofuran	7.54	42	124776	364.78	ug/l	99
30) Chloroform	7.68	83	272781	76.97	ug/l	98
31) Cyclohexane	7.96	56	250918	68.69	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	257034	79.72	ug/l	99
36) 1,1-Dichloropropene	8.09	75	223687	71.75	ug/l	99
37) Ethyl Acetate	7.27	43	87991	73.03	ug/l	97
38) Carbon Tetrachloride	8.07	117	228536	76.90	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	269121	66.43	ug/l	97
40) Benzene	8.33	78	645100	70.62	ug/l	99
41) Methacrylonitrile	7.50	41	58947	93.78	ug/l	96
42) 1,2-Dichloroethane	8.41	62	191812	83.22	ug/l	99
43) Isopropyl Acetate	8.43	43	178899	79.52	ug/l	100
44) Trichloroethene	9.10	130	164842	66.46	ug/l	100
45) 1,2-Dichloropropane	9.38	63	154698	70.49	ug/l	99
46) Dibromomethane	9.46	93	74072	68.42	ug/l	99
47) Bromodichloromethane	9.65	83	205234	76.38	ug/l	100
48) Methyl methacrylate	9.45	41	89961	77.61	ug/l	98
49) 1,4-Dioxane	9.48	88	27572	1402.80	ug/l #	97
51) 4-Methyl-2-Pentanone	10.22	43	478019	382.66	ug/l	100
52) Toluene	10.40	92	451951	68.45	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	212517	74.15	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	244811	72.05	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	109563	64.57	ug/l	98
56) Ethyl methacrylate	10.65	69	155349	71.96	ug/l	99
57) 1,3-Dichloropropane	10.94	76	194946	68.45	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	348137	369.35	ug/l	100
59) 2-Hexanone	10.98	43	335326	373.87	ug/l	100
60) Dibromochloromethane	11.13	129	136342	71.39	ug/l	100
61) 1,2-Dibromoethane	11.24	107	101156	65.07	ug/l	99
64) Tetrachloroethene	10.87	164	170746	70.37	ug/l	98
65) Chlorobenzene	11.66	112	485949	68.16	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	156306	72.54	ug/l	100
67) Ethyl Benzene	11.74	91	897061	72.05	ug/l	100
68) m/p-Xylenes	11.85	106	683391	136.98	ug/l	100
69) o-Xylene	12.17	106	321871	69.48	ug/l	99
70) Styrene	12.19	104	543945	71.73	ug/l	99
71) Bromoform	12.35	173	83533	71.79	ug/l #	100
73) Isopropylbenzene	12.47	105	890811	73.06	ug/l	100
74) N-amyl acetate	12.28	43	191302	80.77	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	123617	67.77	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	95647m	71.77	ug/l	
77) Bromobenzene	12.76	156	202334	70.12	ug/l	99
78) n-propylbenzene	12.81	91	1070743	72.59	ug/l	100
79) 2-Chlorotoluene	12.90	91	622889	73.51	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	783721	74.60	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	38868	68.82	ug/l	98
82) 4-Chlorotoluene	12.99	91	652424	73.09	ug/l	100
83) tert-Butylbenzene	13.21	119	652047	71.56	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	798378	75.28	ug/l	100
85) sec-Butylbenzene	13.39	105	923499	70.62	ug/l	99
86) p-Isopropyltoluene	13.51	119	844085	72.76	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	407834	67.74	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	399756	67.18	ug/l	100
89) n-Butylbenzene	13.83	91	786174	72.10	ug/l	100
90) Hexachloroethane	14.10	117	137520	73.19	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	361122	67.89	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	22773	73.45	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	250877	67.05	ug/l	99
94) Hexachlorobutadiene	15.24	225	159622	66.64	ug/l	100
95) Naphthalene	15.38	128	441160	72.83	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	218833	68.10	ug/l	99

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

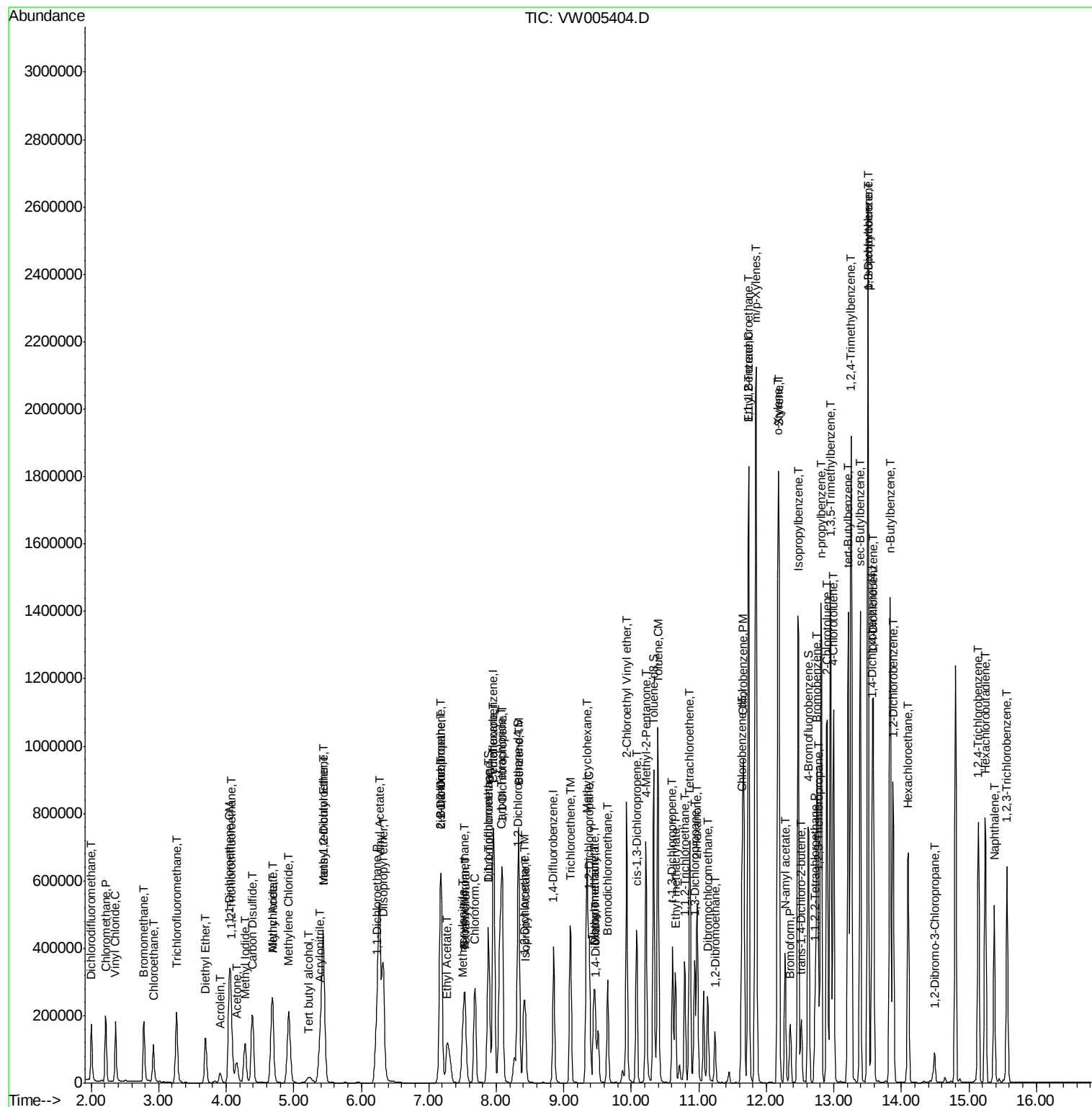
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Data File : VW005404.D
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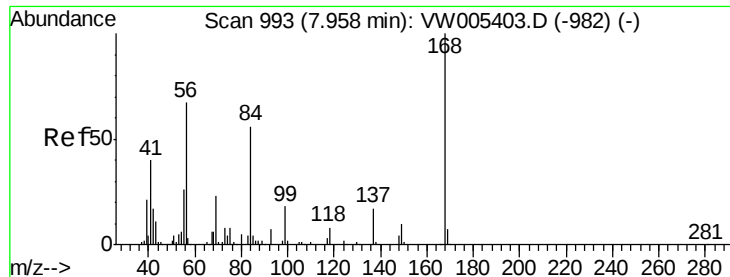
Instrument :
MSVOA_W
ClientSampleId :
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Manual Integrations
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QLast Update : Sat Sep 15 02:05:37 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion:168 Resp: 228686

Ion Ratio Lower Upper

168 100

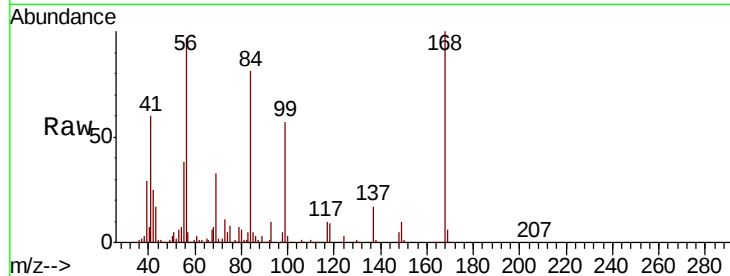
99 57.0 45.0 67.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.96

100000

80000

60000

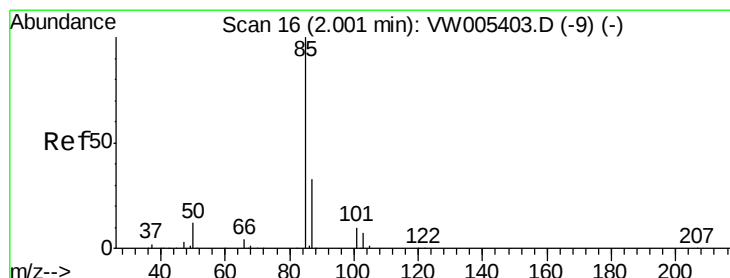
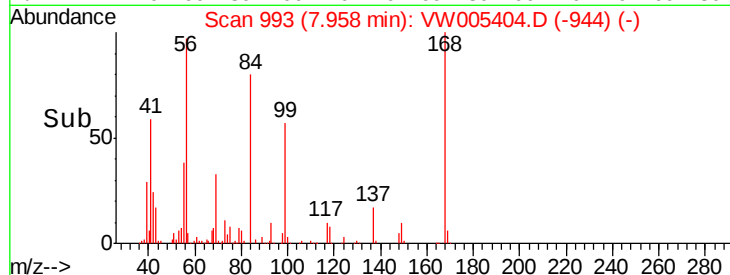
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 68.62 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW005404.D

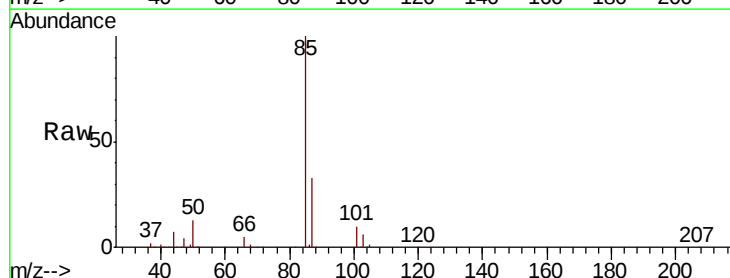
Acq: 15 Sep 2018 00:31

Tgt Ion: 85 Resp: 137687

Ion Ratio Lower Upper

85 100

87 32.8 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

100000

80000

60000

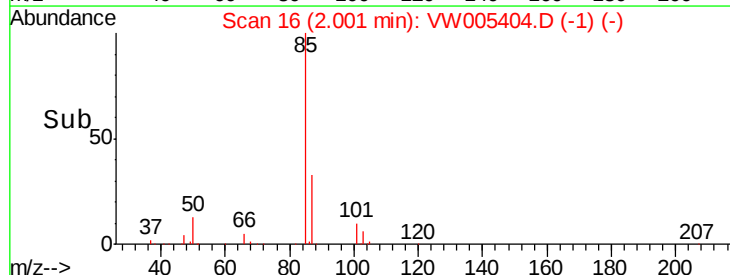
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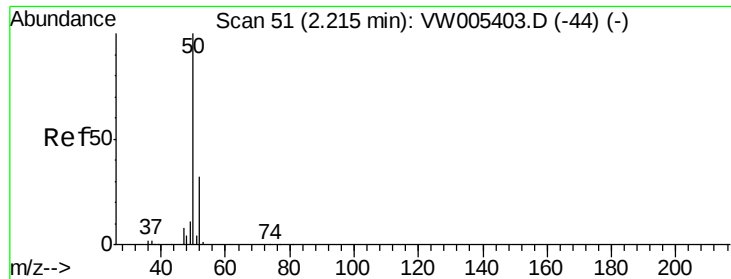
20000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 66.75 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 50 Resp: 176583

Ion Ratio Lower Upper

50 100

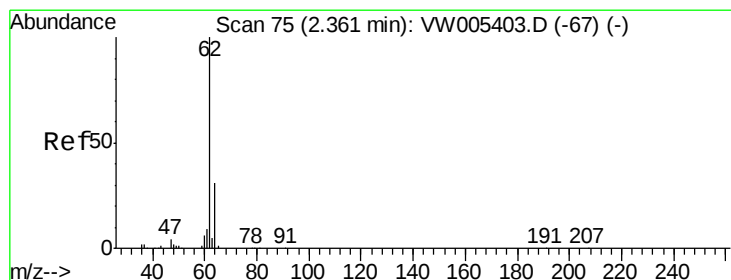
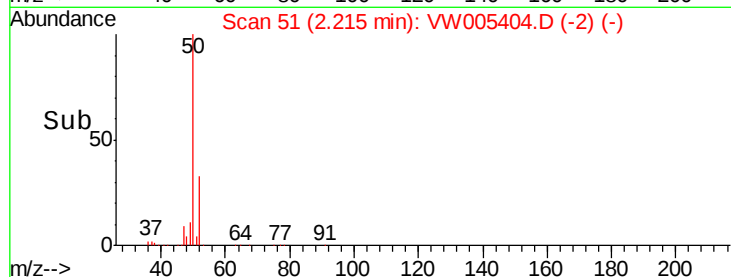
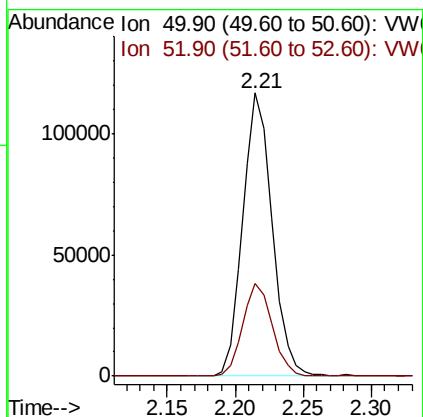
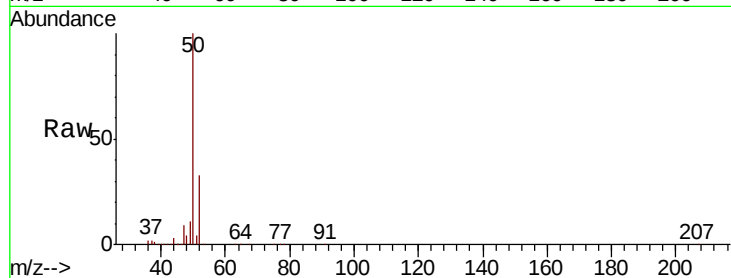
52 32.6 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 68.97 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW005404.D

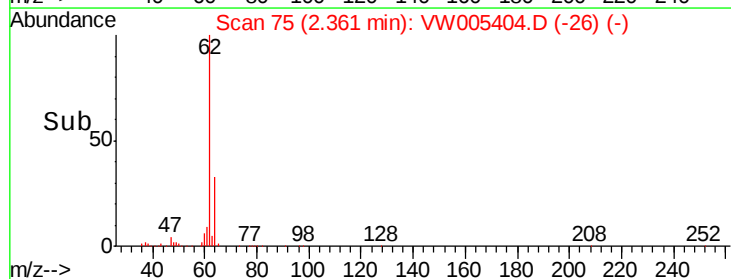
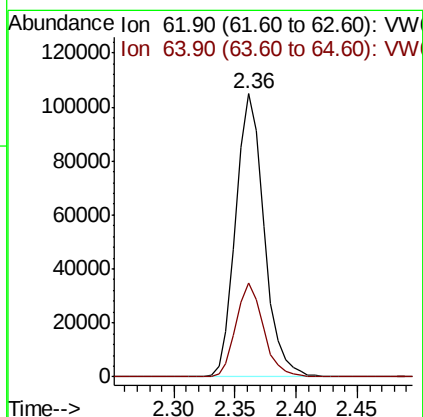
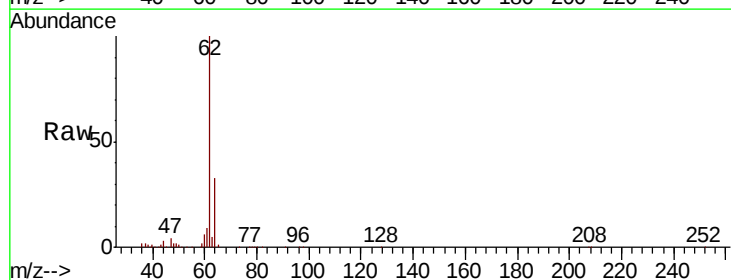
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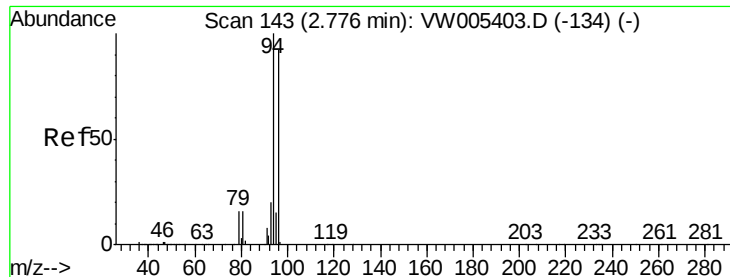
Tgt Ion: 62 Resp: 168253

Ion Ratio Lower Upper

62 100

64 33.1 24.5 36.7





#5

Bromomethane

Concen: 65.33 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 94 Resp: 108749

Ion Ratio Lower Upper

94 100

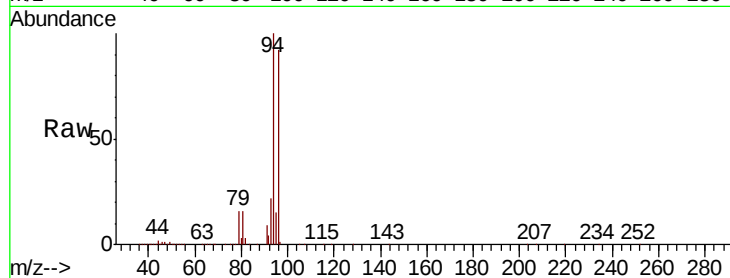
96 92.4 73.7 110.5

Manual Integrations

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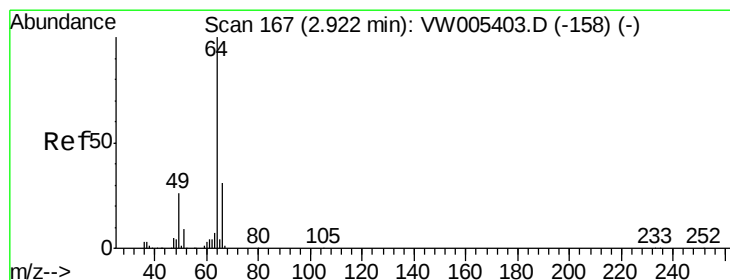
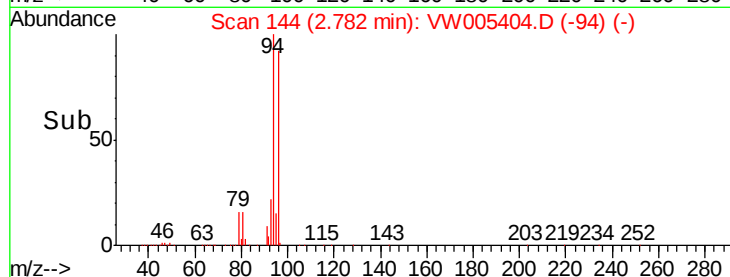
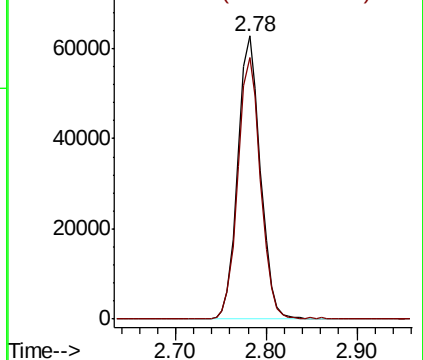
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 74.35 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW005404.D

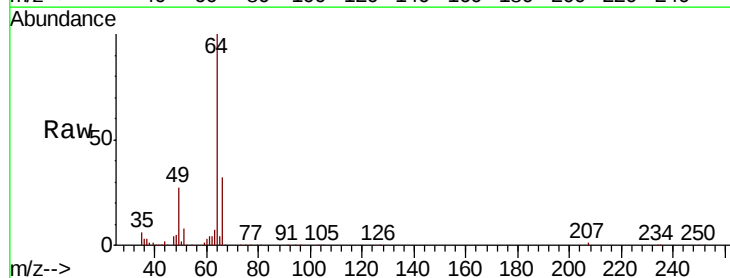
Acq: 15 Sep 2018 00:31

Tgt Ion: 64 Resp: 101369

Ion Ratio Lower Upper

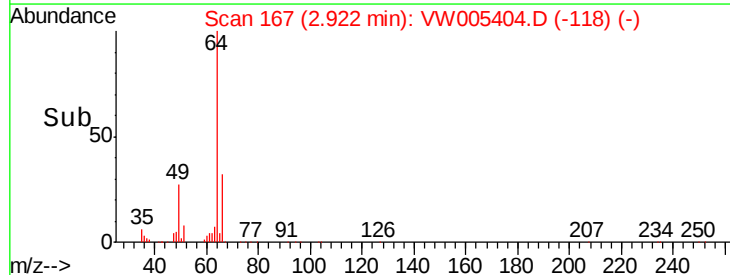
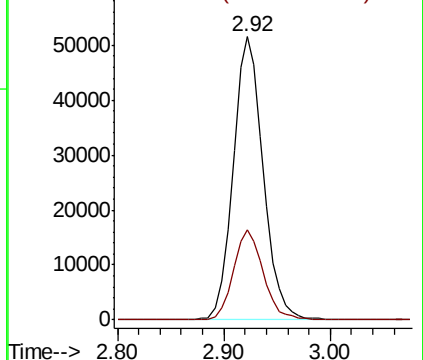
64 100

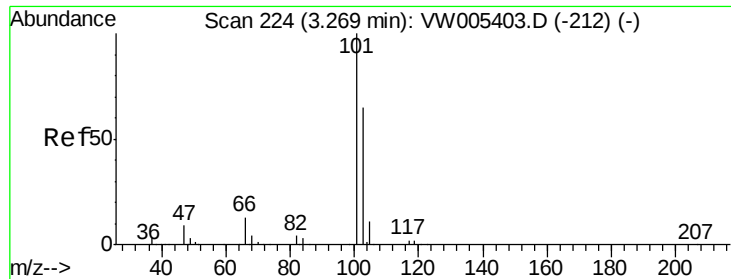
66 31.9 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

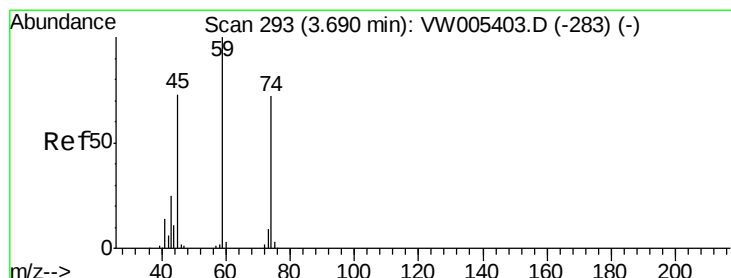
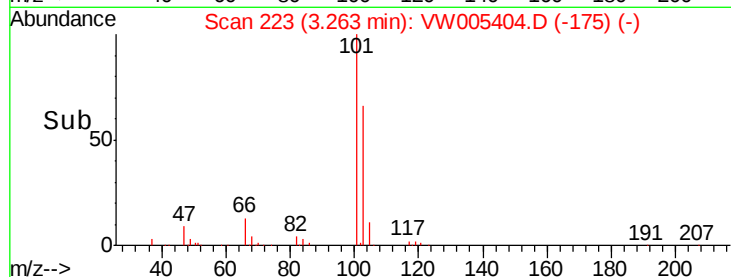
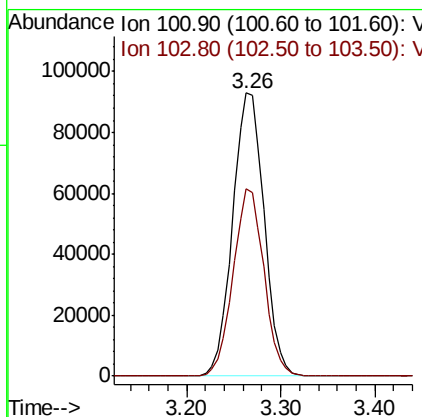
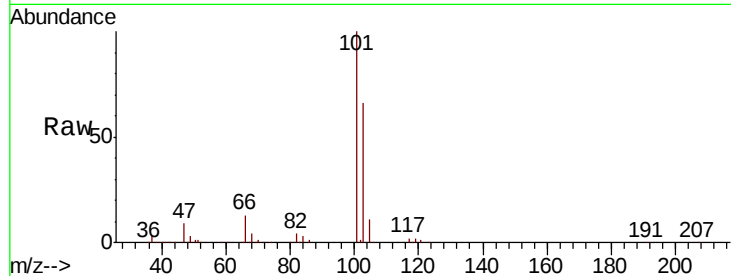
Trichlorofluoromethane
 Concen: 76.03 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.01 min
 Lab File: VW005404.D
 Acq: 15 Sep 2018 00:31

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.0	51.7	77.5

Manual Integrations
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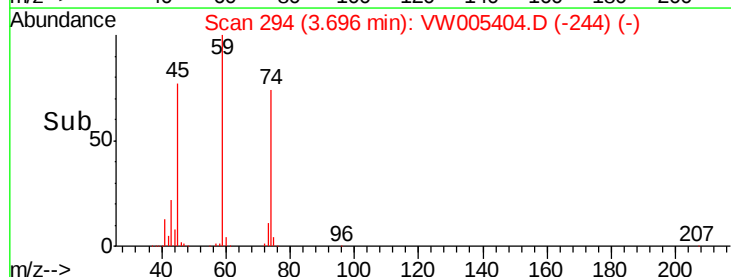
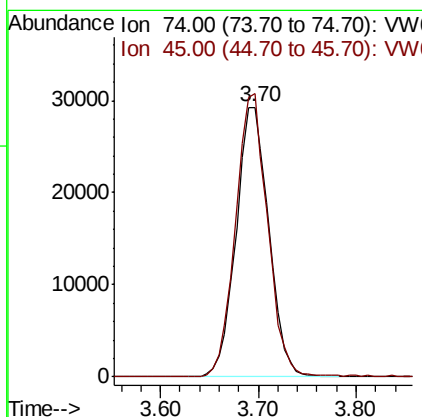
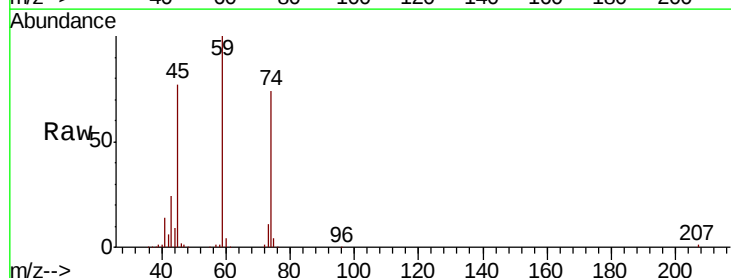
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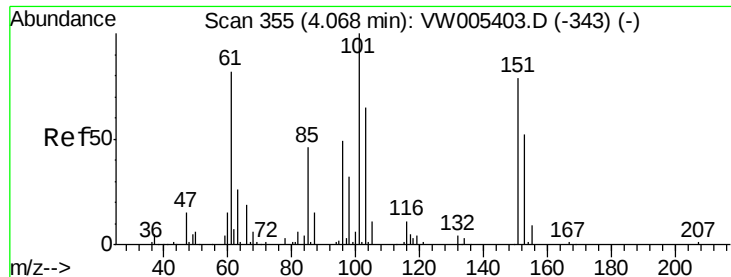


#8

Diethyl Ether
 Concen: 69.14 ug/l
 RT: 3.70 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: VW005404.D
 Acq: 15 Sep 2018 00:31

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.2	53.1	159.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 64.13 ug/l

RT: 4.07 min Scan# 356

Delta R.T. 0.01 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

Instrument :

MSVOA_W

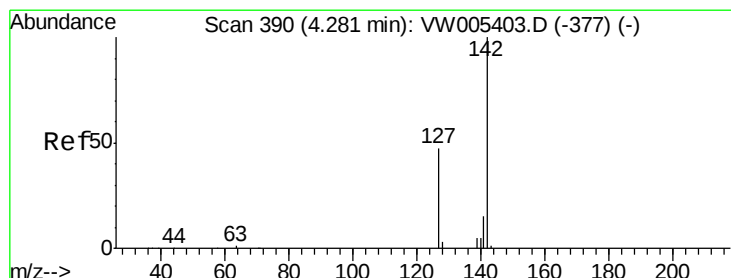
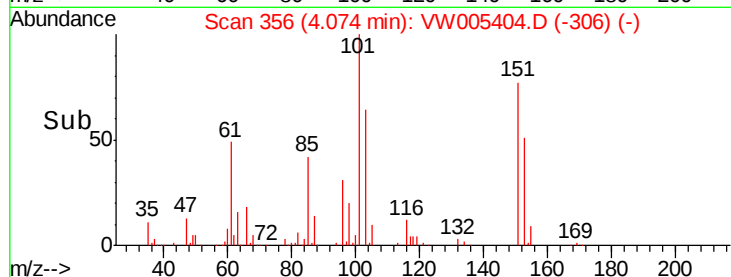
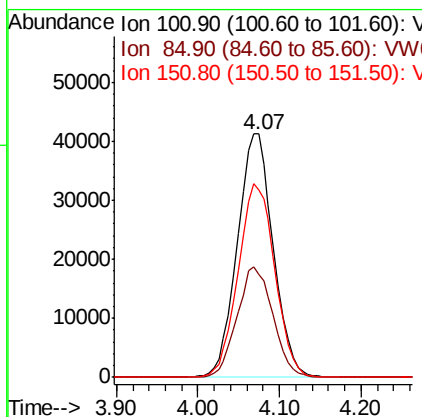
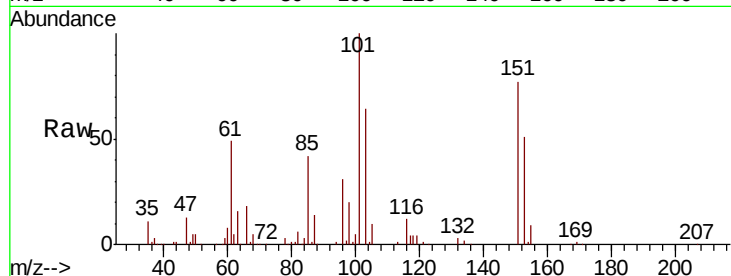
ClientSampled :

VSTDIC075

Tot Ion:	101	Resp:	125526
Ion Ratio	Lower	Upper	
101	100		
85	45.4	36.6	54.8
151	81.8	66.3	99.5

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#10

Methyl Iodide

Concen: 86.80 ug/l

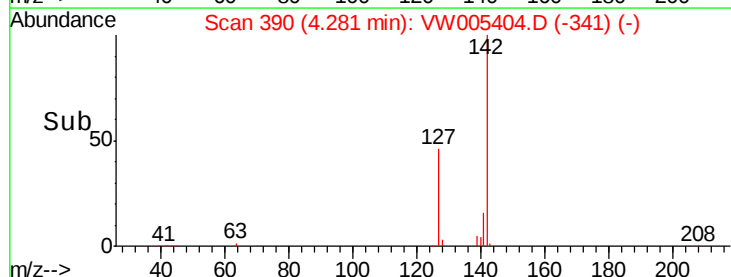
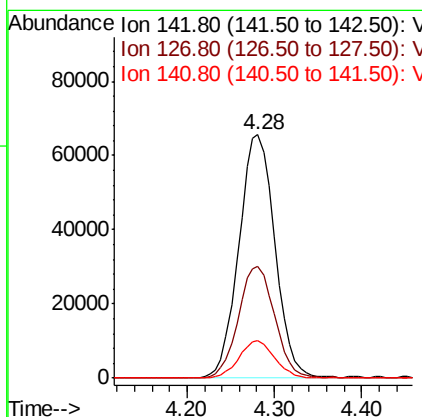
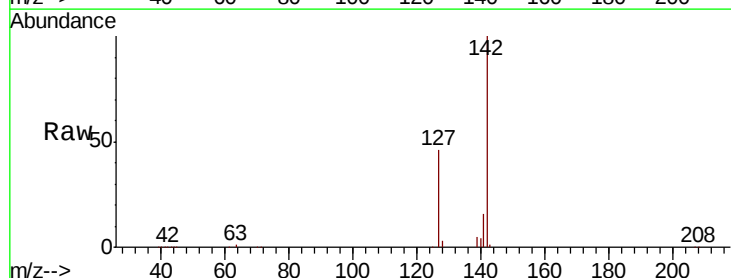
RT: 4.28 min Scan# 390

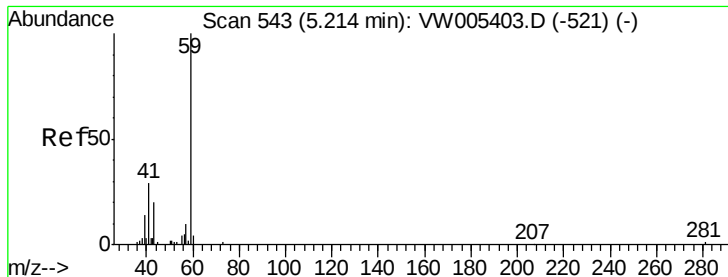
Delta R.T. -0.00 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

Tgt Ion:	142	Resp:	188169
Ion Ratio	Lower	Upper	
142	100		
127	46.1	37.5	56.3
141	15.2	12.4	18.6





#11

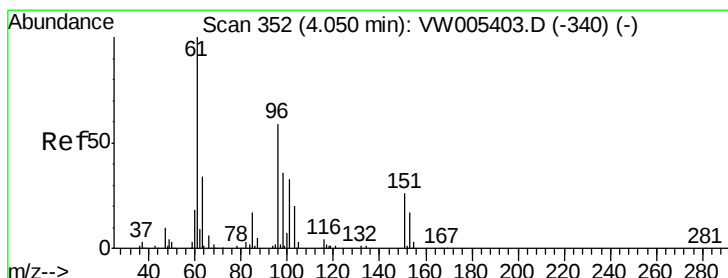
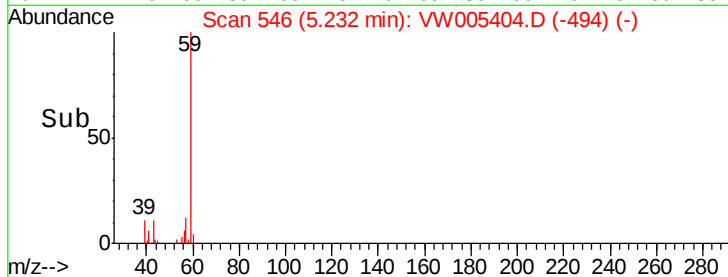
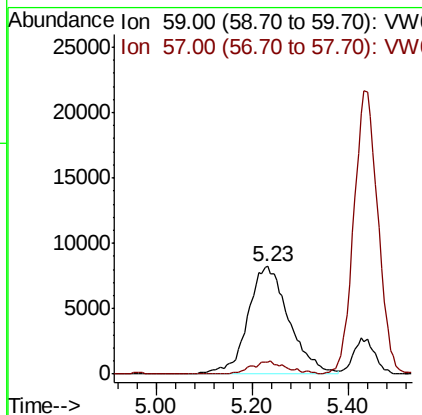
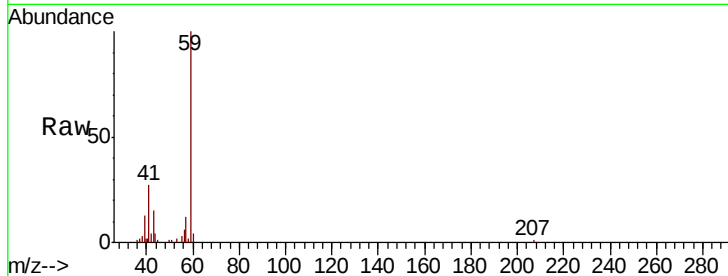
Tert butyl alcohol
 Concen: 347.04 ug/l
 RT: 5.23 min Scan# 546
 Delta R.T. 0.02 min
 Lab File: VW005404.D
 Acq: 15 Sep 2018 00:31

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC075

Tot Ion	59	Resp	49159
Ion Ratio	100	Lower	Upper
57	9.7	8.6	13.0

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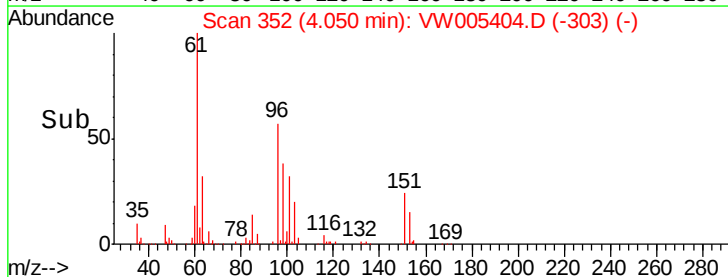
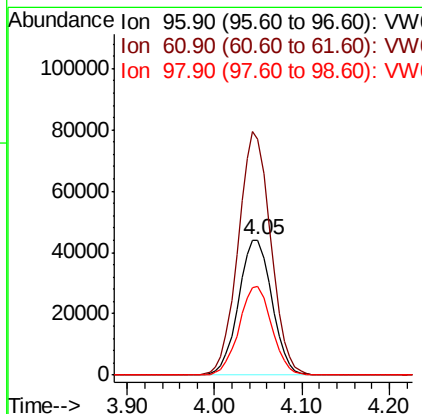
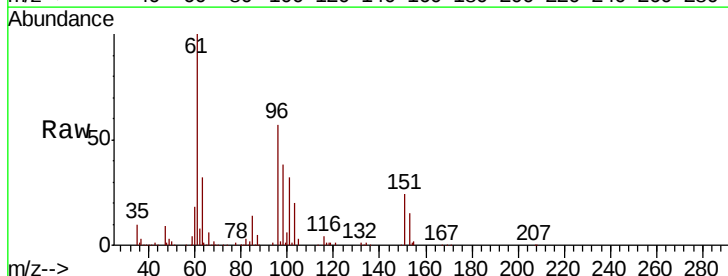
apatel
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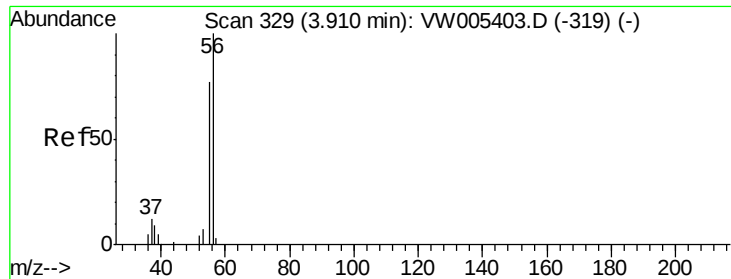


#12

1,1-Dichloroethene
 Concen: 65.38 ug/l
 RT: 4.05 min Scan# 352
 Delta R.T. -0.00 min
 Lab File: VW005404.D
 Acq: 15 Sep 2018 00:31

Tgt Ion	96	Resp	117438
Ion Ratio	100	Lower	Upper
61	174.2	135.7	203.5
98	65.7	48.6	73.0





#13

Acrolein

Concen: 263.21 ug/l

RT: 3.91 min Scan# 329

Delta R.T. -0.00 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 56 Resp: 34252

Ion Ratio Lower Upper

56 100

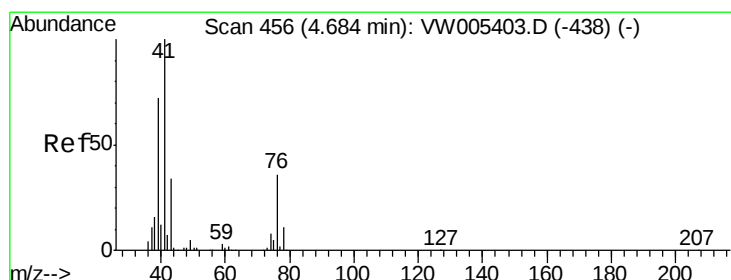
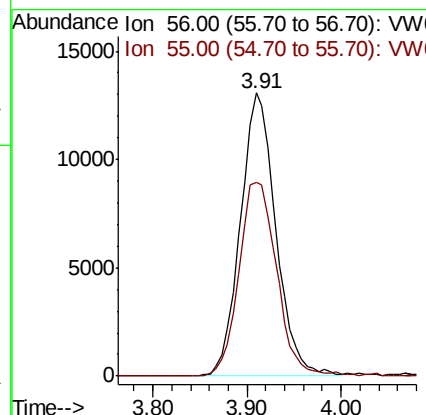
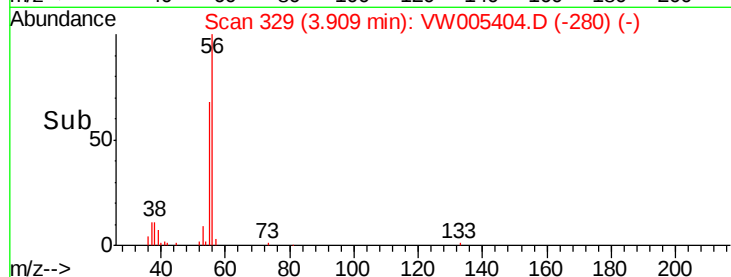
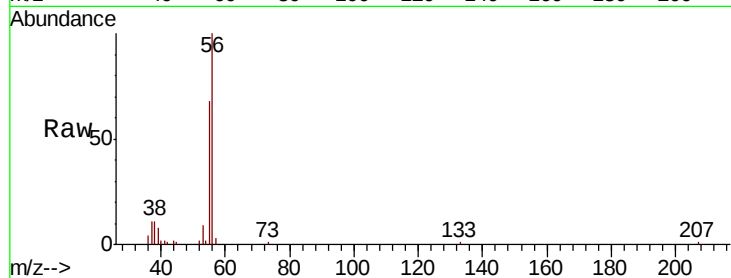
55 73.0 59.8 89.8

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#14

Allyl chloride

Concen: 79.73 ug/l

RT: 4.68 min Scan# 456

Delta R.T. -0.00 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

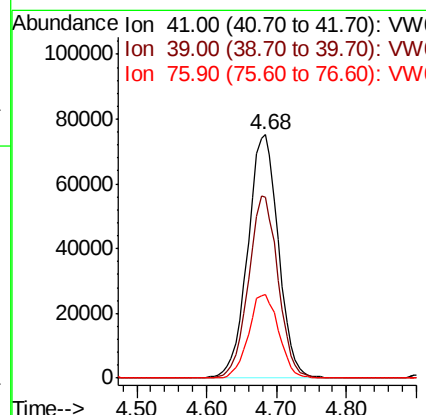
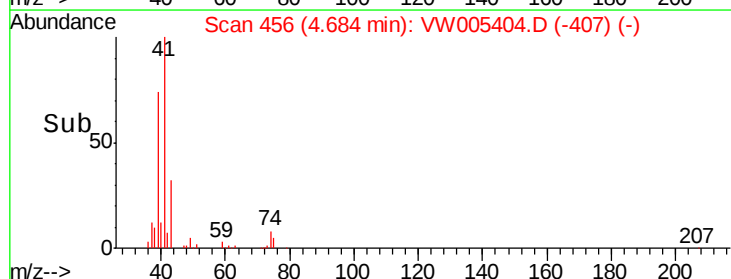
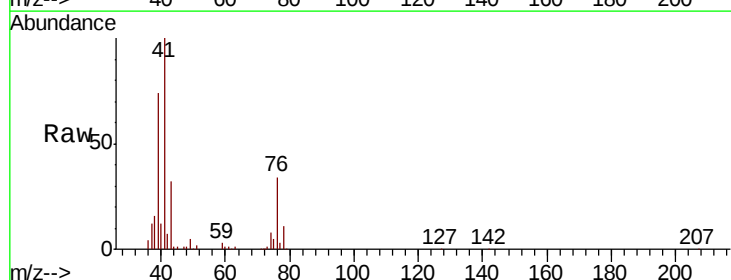
Tgt Ion: 41 Resp: 228091

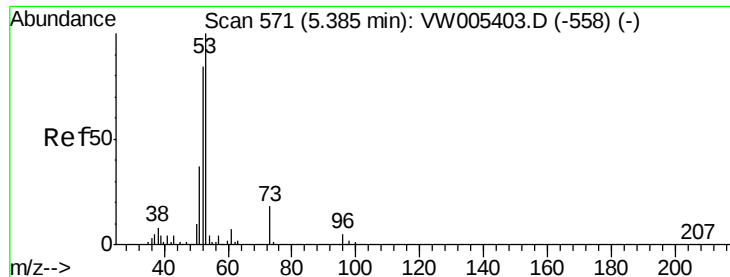
Ion Ratio Lower Upper

41 100

39 72.6 58.6 88.0

76 33.9 27.4 41.0





#15

Acrylonitrile

Concen: 355.52 ug/l

RT: 5.38 min Scan# 571

Delta R.T. -0.00 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

Instrument :

MSVOA_W

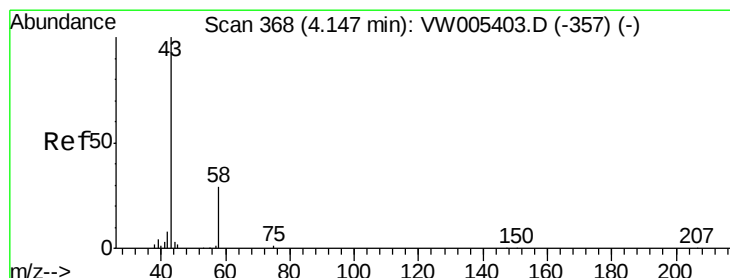
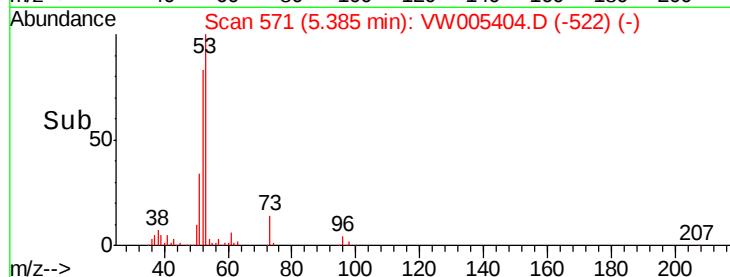
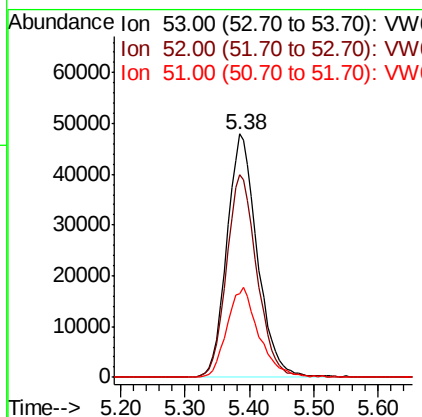
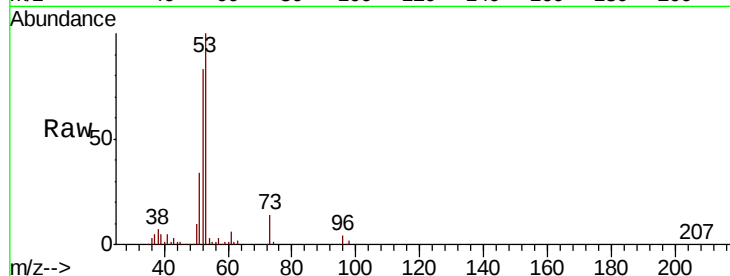
ClientSampleId :

VSTDIC075

Tot Ion:	53	Resp:	157621
Ion	Ratio	Lower	Upper
53	100		
52	83.5	66.6	99.8
51	38.7	31.1	46.7

Manual Integrations
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#16

Acetone

Concen: 381.64 ug/l

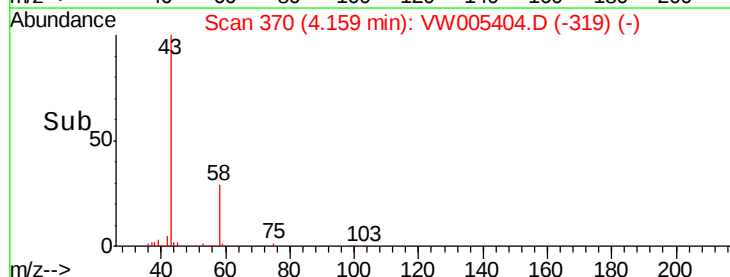
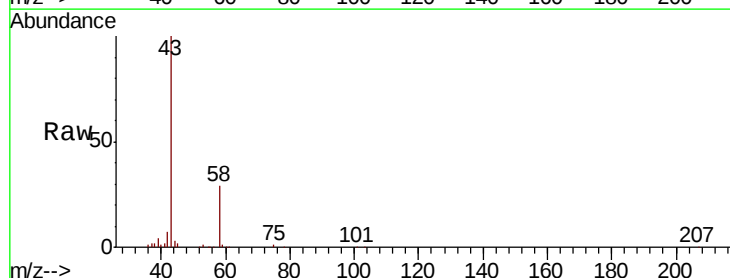
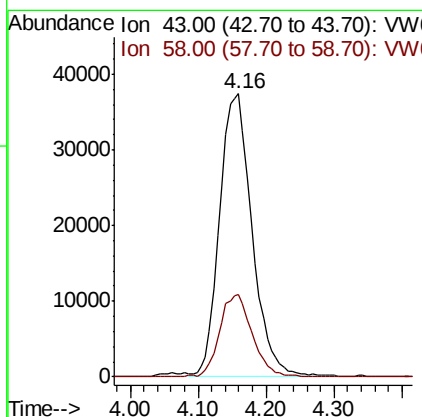
RT: 4.16 min Scan# 370

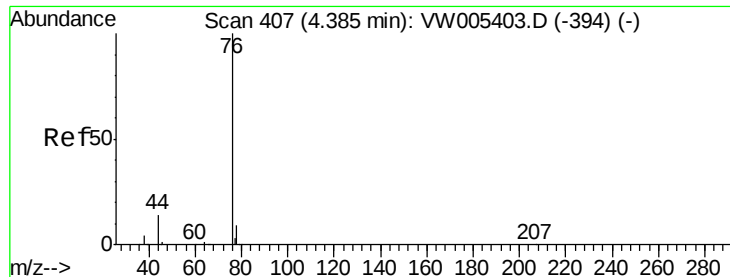
Delta R.T. 0.01 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

Tgt Ion:	43	Resp:	123949
Ion	Ratio	Lower	Upper
43	100		
58	29.0	22.8	34.2





#17

Carbon Disulfide

Concen: 66.54 ug/l

RT: 4.38 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 76 Resp: 418730

Ion Ratio Lower Upper

76 100

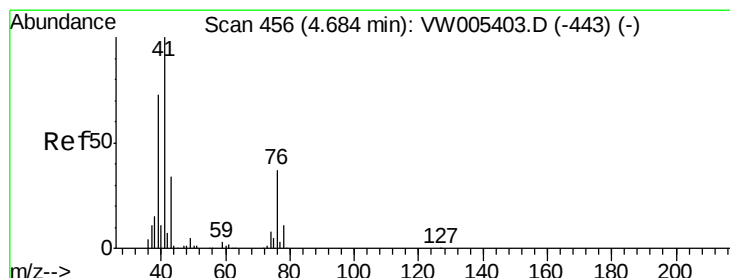
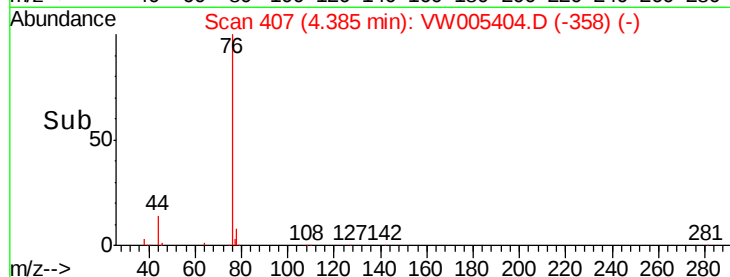
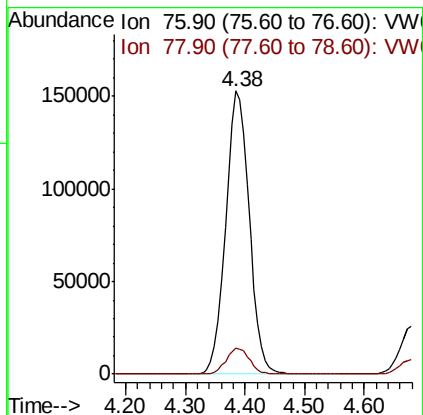
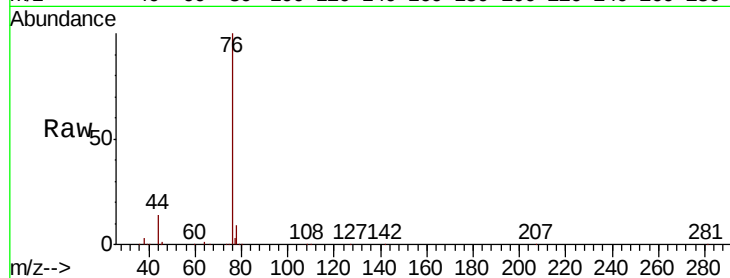
78 9.0 7.4 11.0

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#18

Methyl Acetate

Concen: 77.45 ug/l

RT: 4.68 min Scan# 456

Delta R.T. -0.00 min

Lab File: VW005404.D

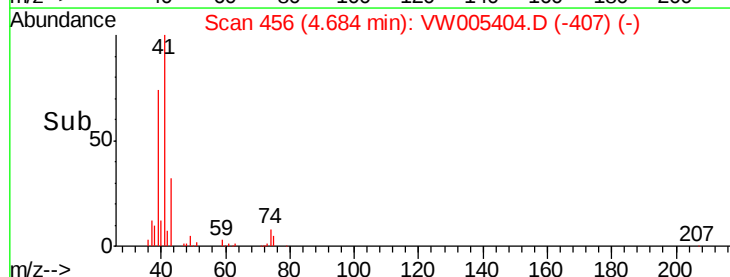
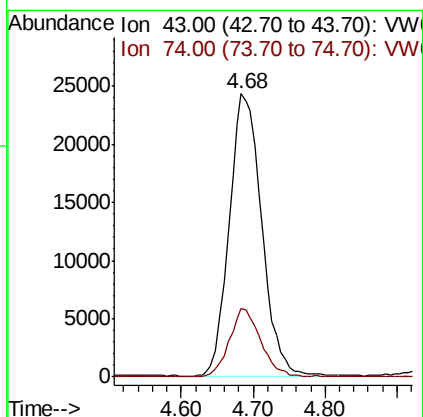
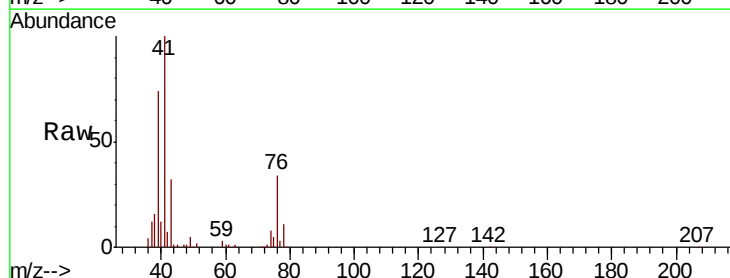
Acq: 15 Sep 2018 00:31

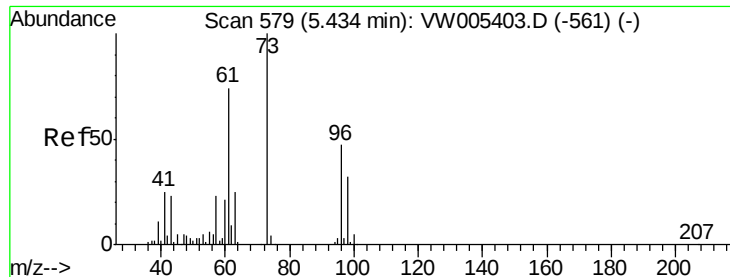
Tgt Ion: 43 Resp: 75869

Ion Ratio Lower Upper

43 100

74 23.2 17.7 26.5





#19

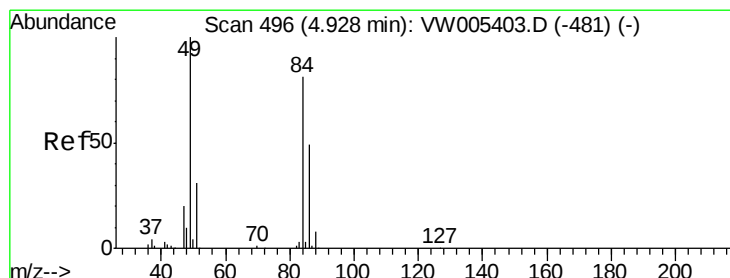
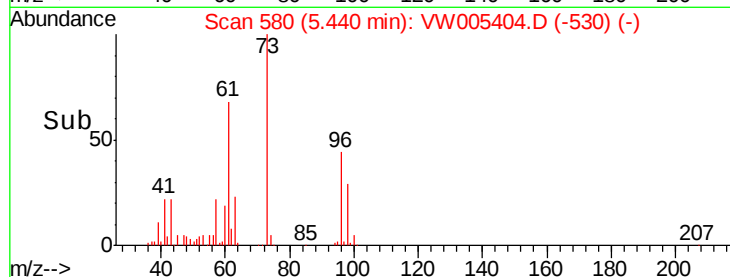
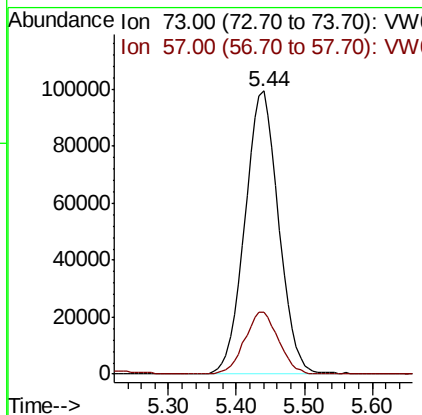
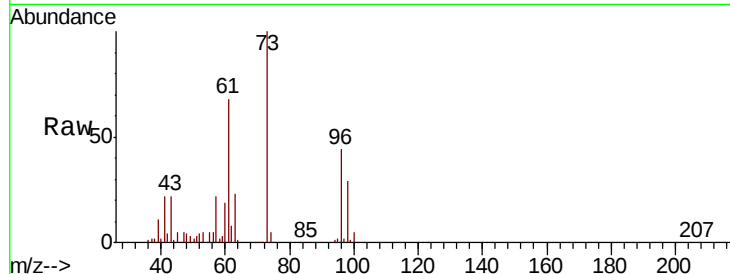
Methyl tert-butyl Ether
 Concen: 78.10 ug/l
 RT: 5.44 min Scan# 580
 Delta R.T. 0.01 min
 Lab File: VW005404.D
 Acq: 15 Sep 2018 00:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	18.6	28.0

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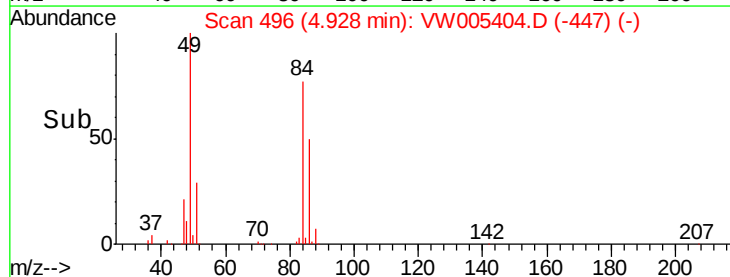
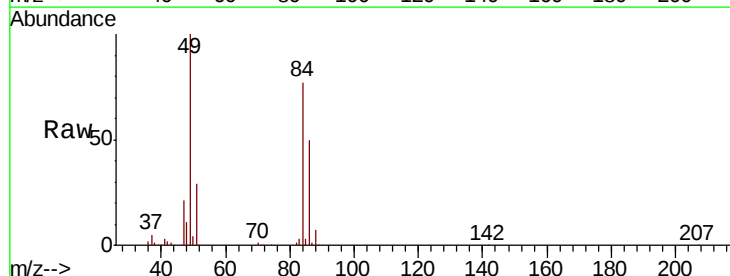
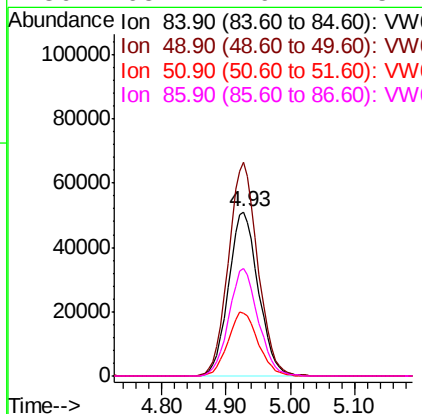
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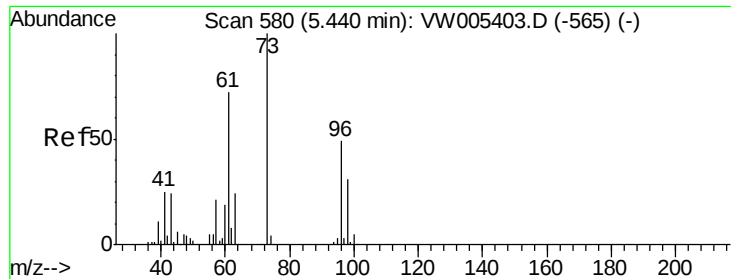


#20

Methylene Chloride
 Concen: 61.04 ug/l
 RT: 4.93 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: VW005404.D
 Acq: 15 Sep 2018 00:31

Tgt Ion	Ratio	Lower	Upper
84	100		
49	130.3	99.3	148.9
51	38.3	31.1	46.7
86	65.4	49.1	73.7





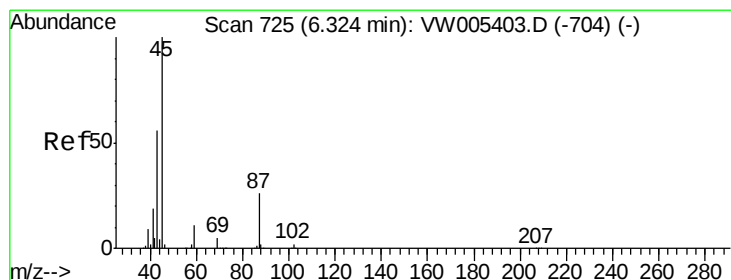
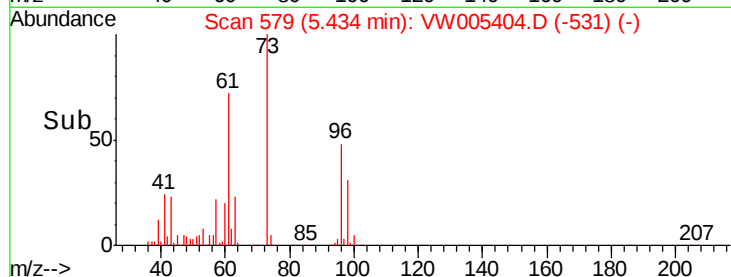
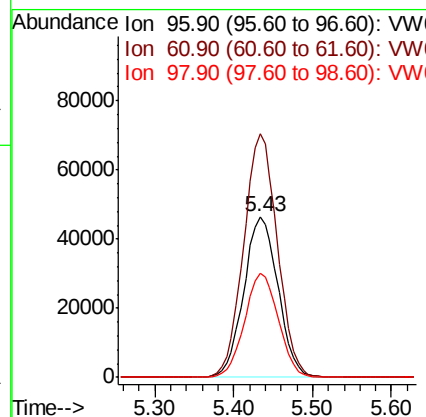
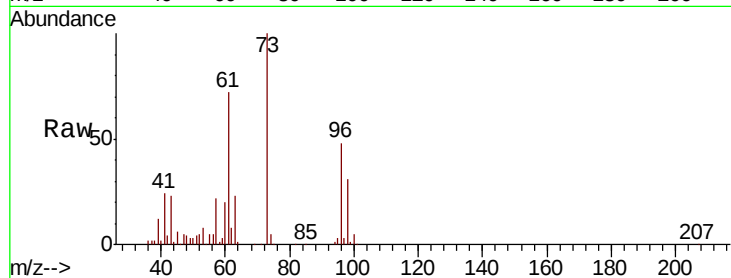
#21
trans-1,2-Dichloroethene
Concen: 66.17 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.01 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.2	116.7	175.1
98	64.7	51.0	76.6

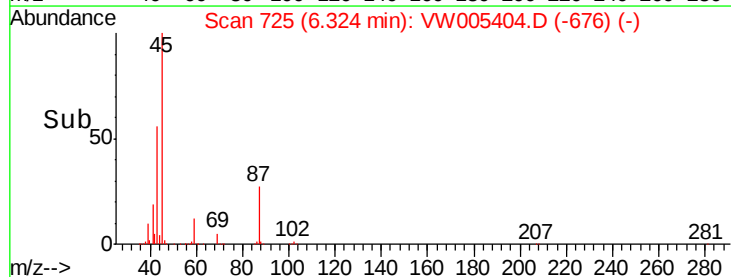
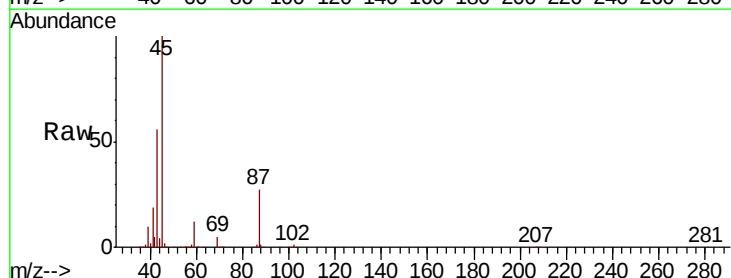
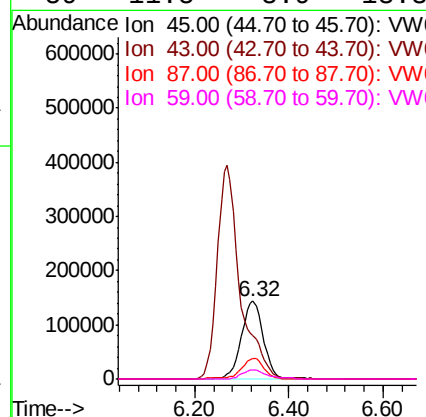
Manual Integrations
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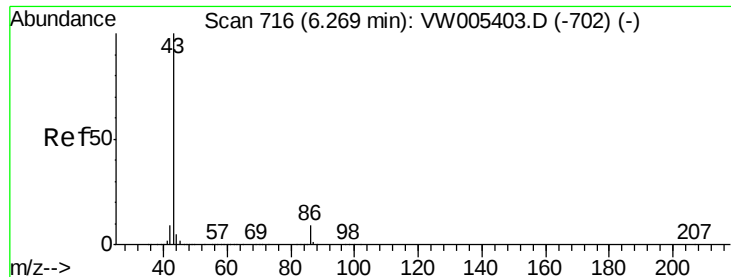
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#22
Diisopropyl ether
Concen: 81.79 ug/l
RT: 6.32 min Scan# 725
Delta R.T. -0.00 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

Tgt Ion	Ratio	Lower	Upper
45	100		
43	56.1	44.6	67.0
87	26.8	20.6	31.0
59	11.5	8.9	13.3





#23

Vinyl Acetate

Concen: 411.36 ug/l

RT: 6.27 min Scan# 716

Delta R.T. -0.00 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

Instrument :

MSVOA_W

ClientSampleID :

VSTDIC075

Tot Ion: 43 Resp: 1326698

Ion Ratio Lower Upper

43 100

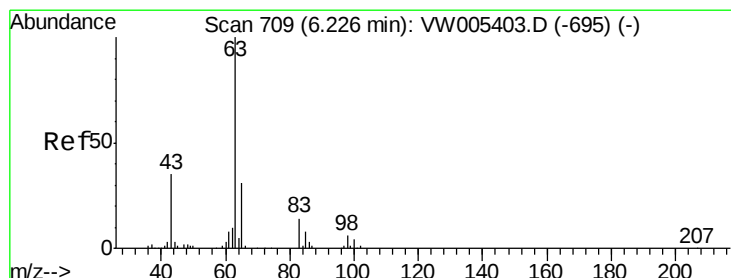
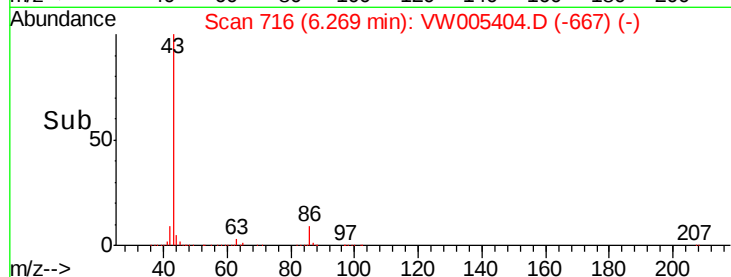
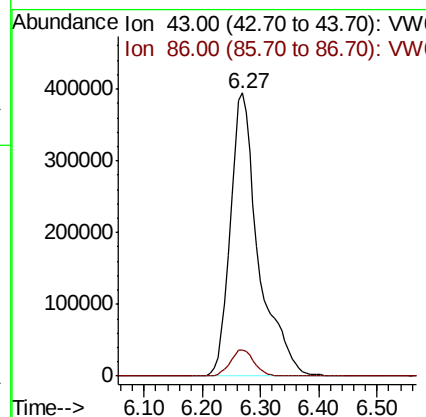
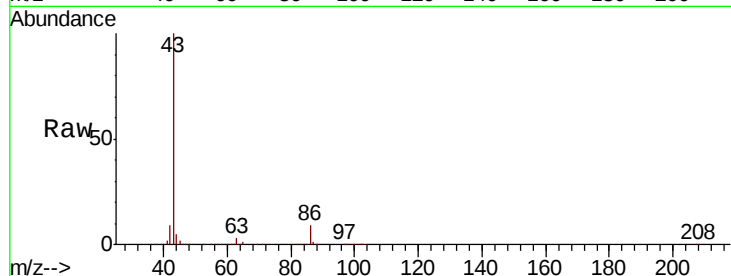
86 9.4 7.5 11.3

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 74.78 ug/l

RT: 6.23 min Scan# 709

Delta R.T. -0.00 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

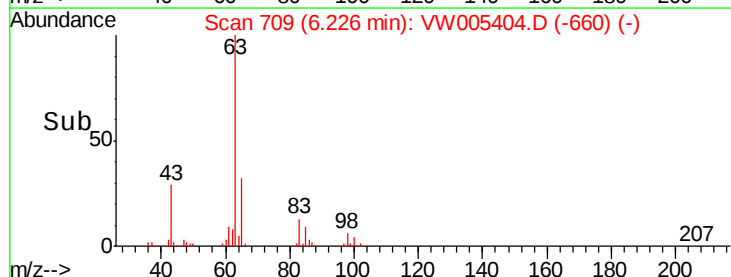
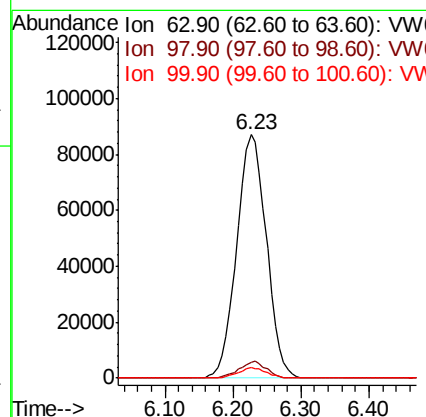
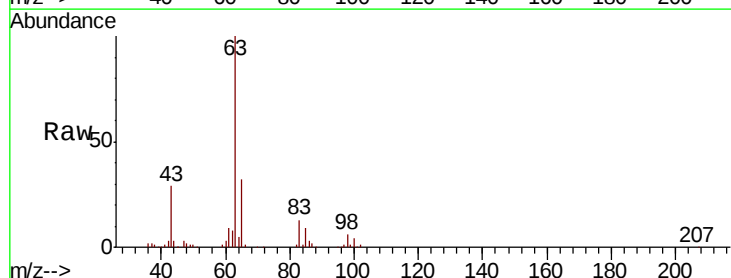
Tgt Ion: 63 Resp: 263970

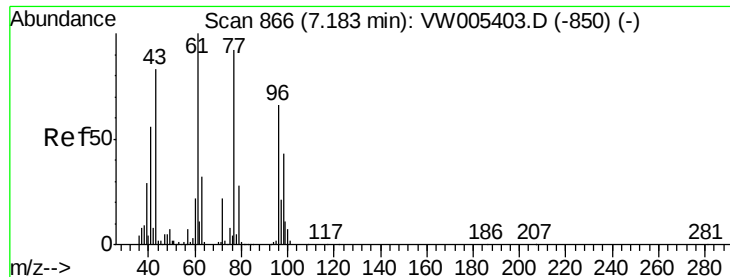
Ion Ratio Lower Upper

63 100

98 6.2 2.9 8.8

100 4.1 2.3 6.8





#25

2-Butanone

Concen: 374.39 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

Tot Ion: 43 Resp: 192137

Ion Ratio Lower Upper

43 100

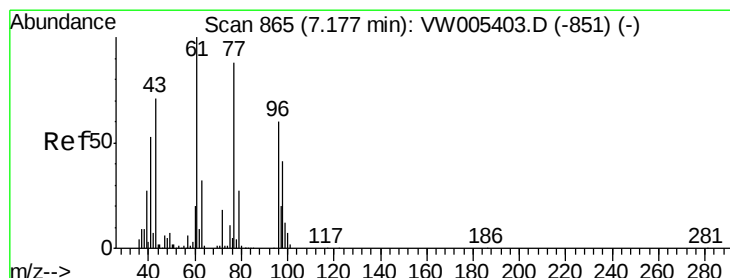
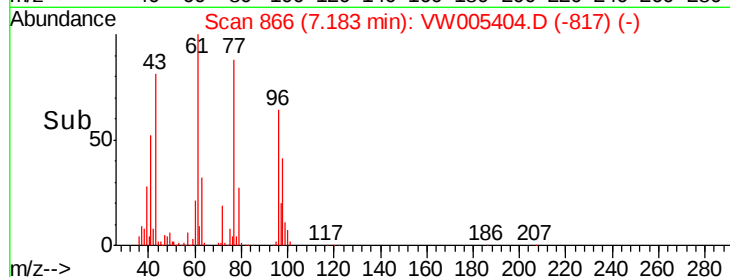
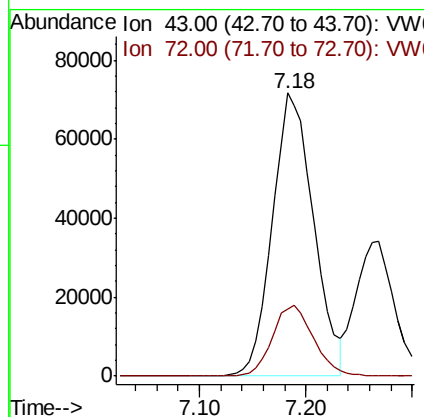
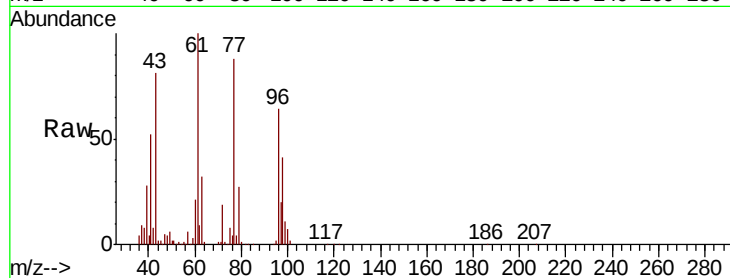
72 23.8 21.1 31.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 75.07 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005404.D

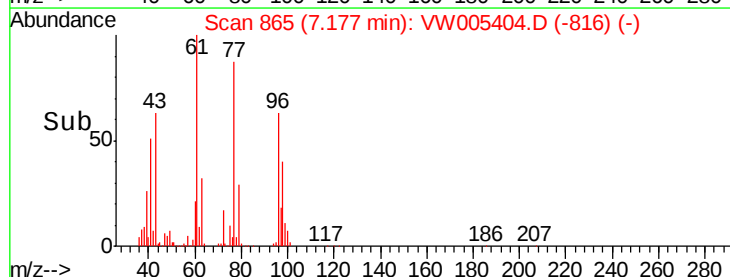
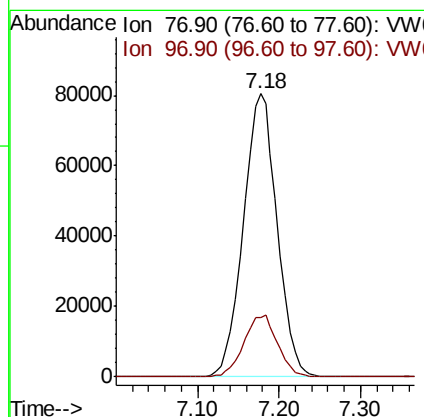
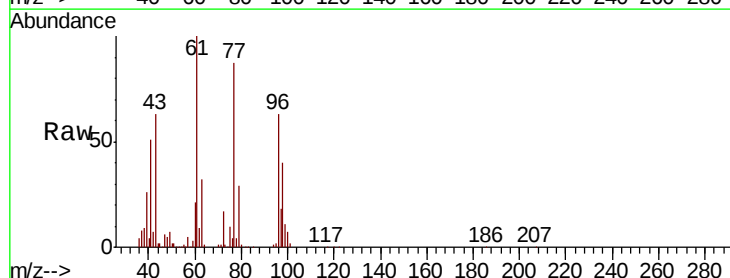
Acq: 15 Sep 2018 00:31

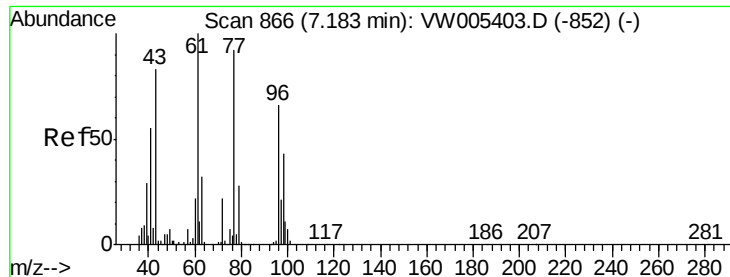
Tgt Ion: 77 Resp: 230136

Ion Ratio Lower Upper

77 100

97 21.9 10.7 32.1





#27

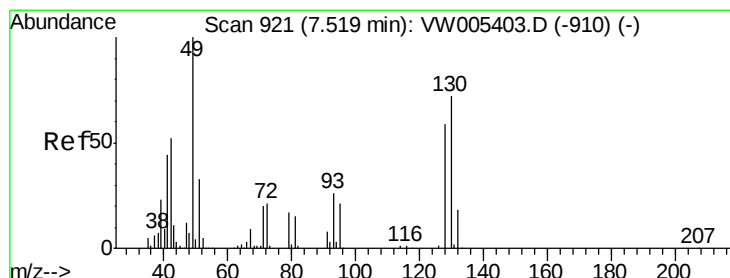
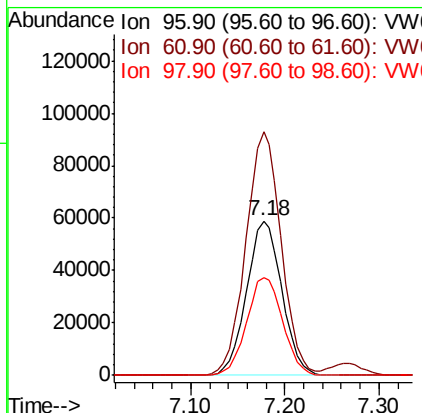
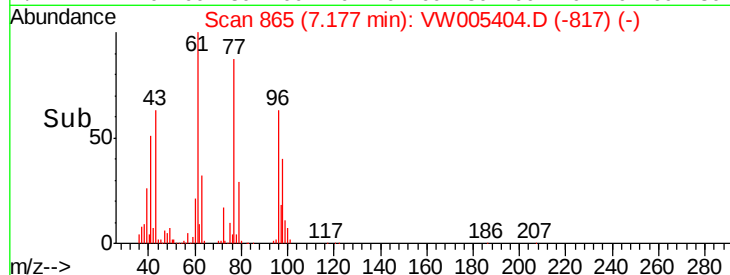
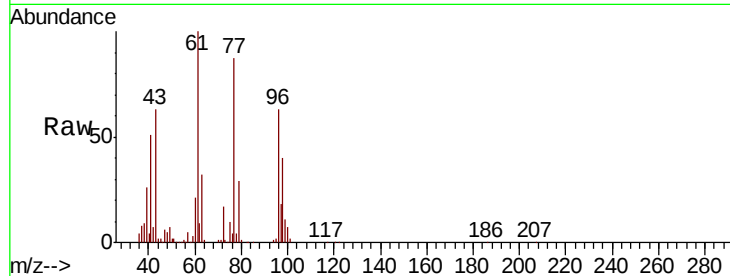
cis-1,2-Dichloroethene
Concen: 68.04 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.01 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
96	100		
61	158.7	0.0	316.0
98	64.9	0.0	130.8

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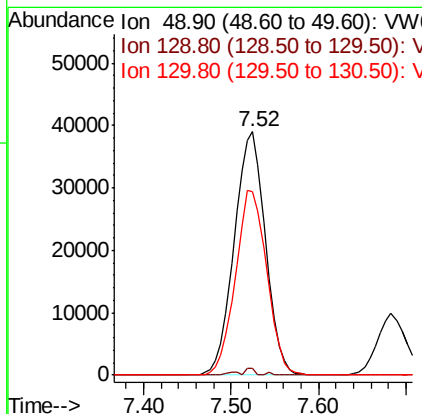
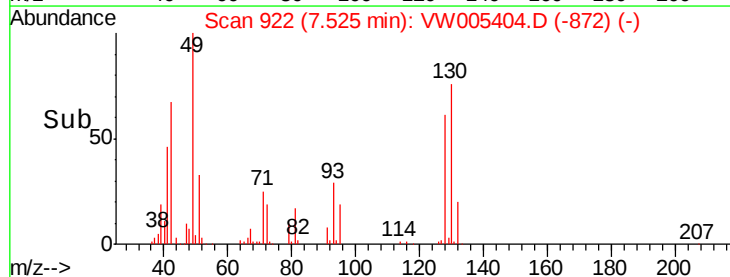
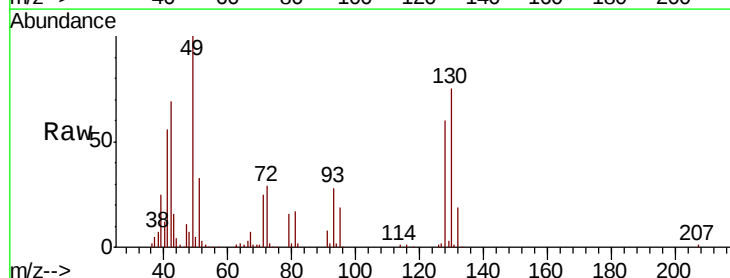
apatel
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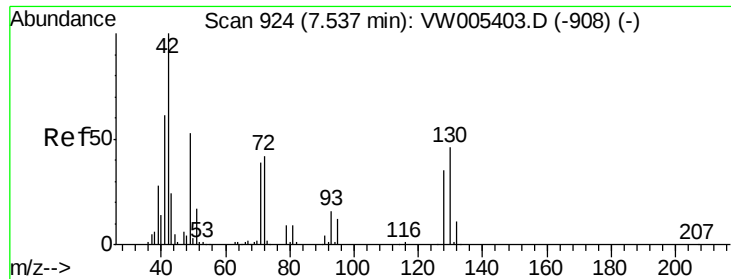


#28

Bromochloromethane
Concen: 74.36 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.01 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	1.0#
130	76.5	61.4	92.2





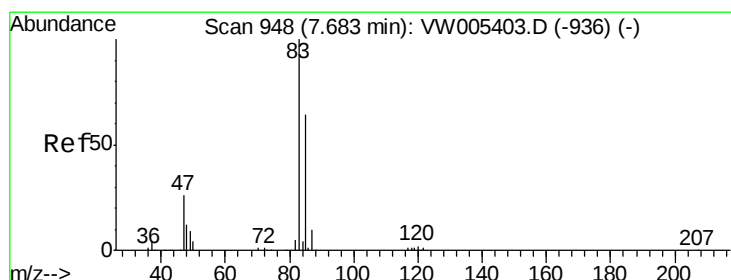
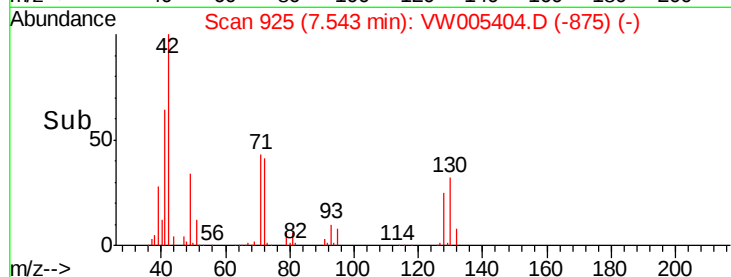
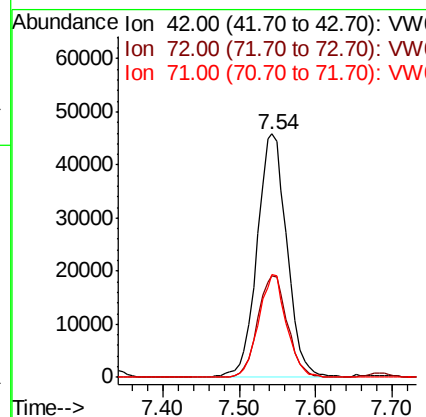
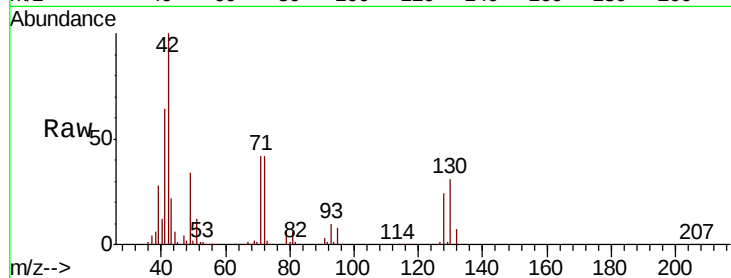
#29
Tetrahydrofuran
Concen: 364.78 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.4	33.2	49.8
71	39.6	31.0	46.6

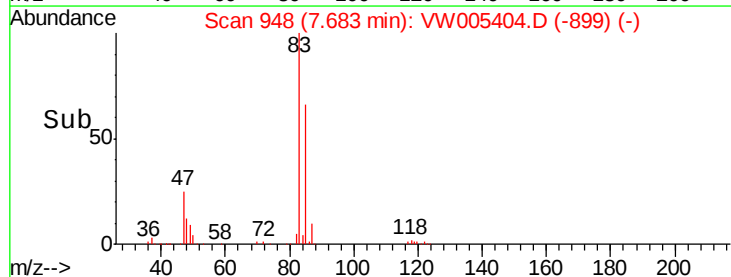
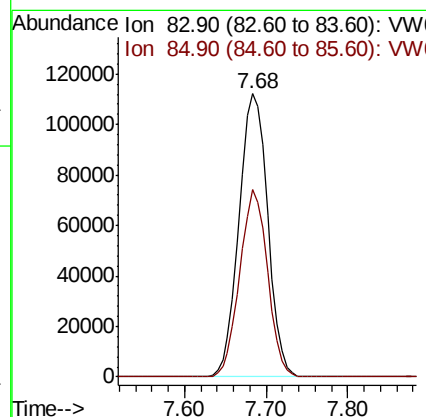
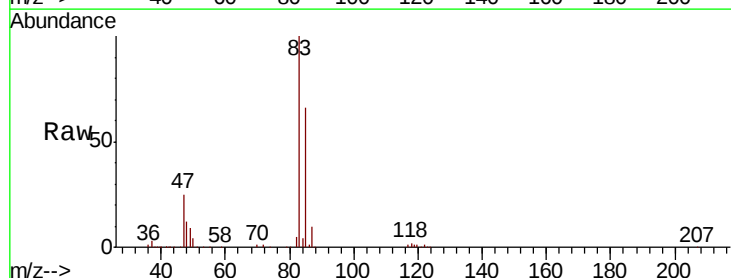
Manual Integrations
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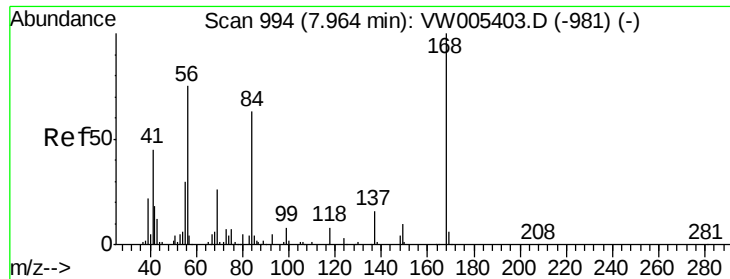
apatel
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#30
Chloroform
Concen: 76.97 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	51.5	77.3





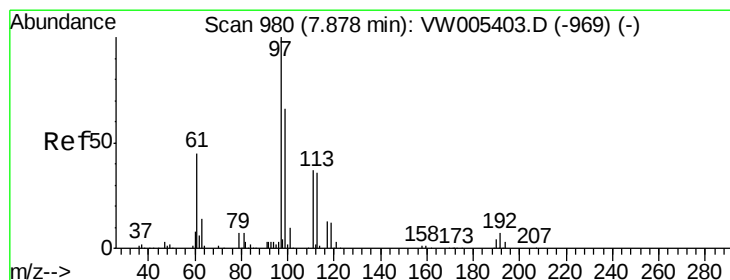
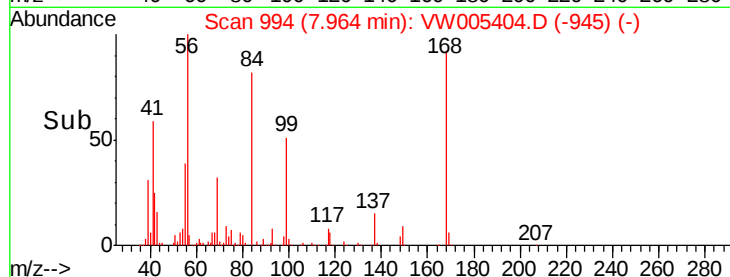
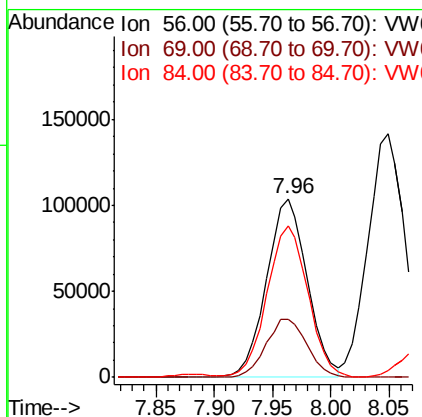
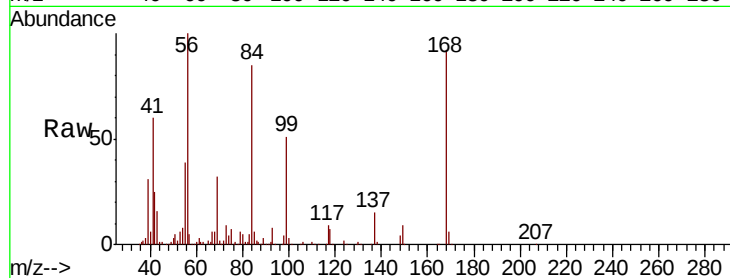
#31
Cyclohexane
Concen: 68.69 ug/l
RT: 7.96 min Scan# 994
Delta R.T. -0.00 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.5	27.2	40.8
84	83.0	66.7	100.1

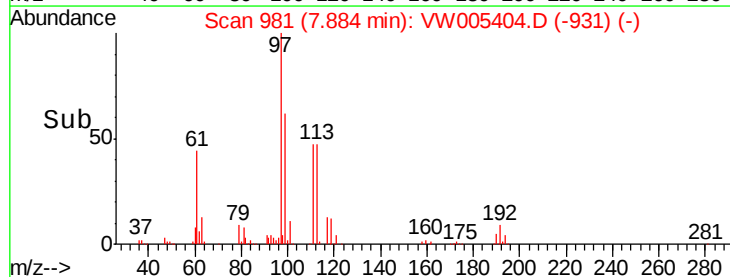
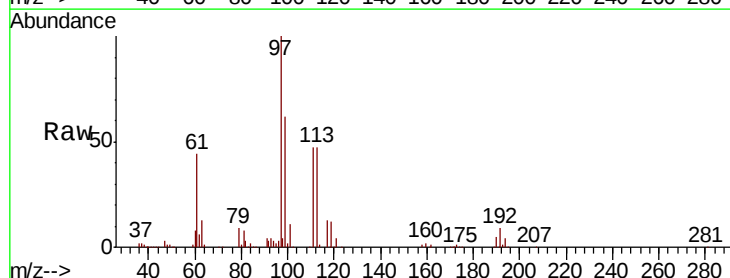
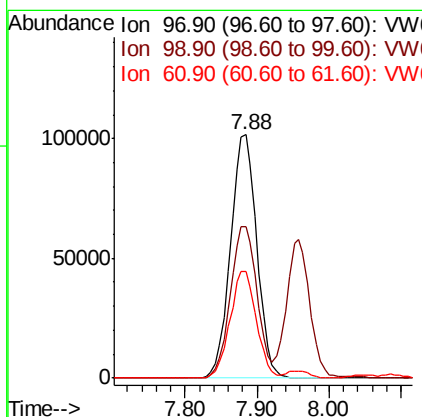
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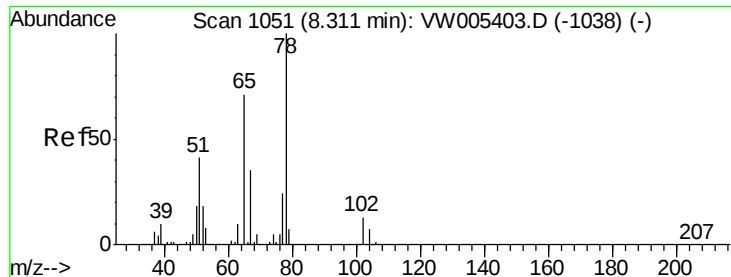
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#32
1,1,1-Trichloroethane
Concen: 79.72 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.01 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.5	77.3
61	44.2	35.8	53.6





#33

1,2-Dichloroethane-d4

Concen: 85.95 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 65 Resp: 154714

Ion Ratio Lower Upper

65 100

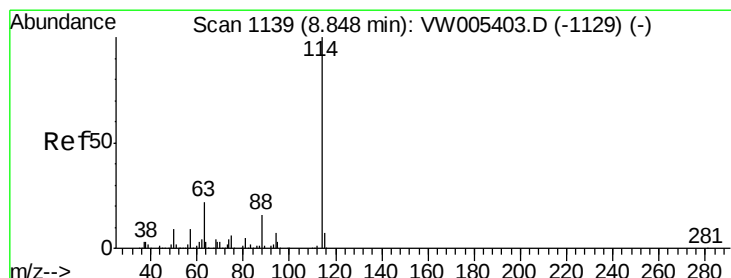
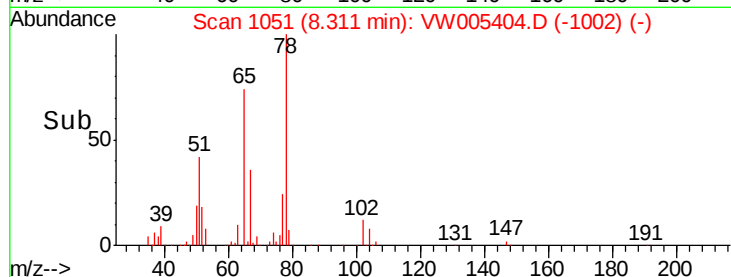
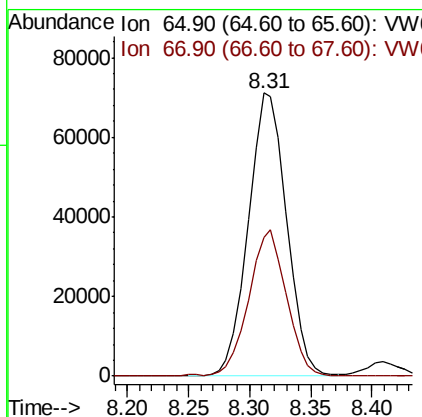
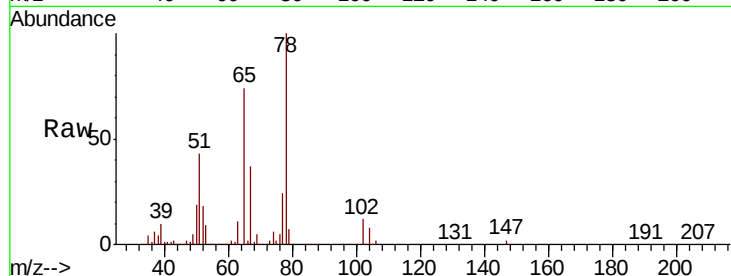
67 51.2 0.0 100.6

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: VW005404.D

Acq: 15 Sep 2018 00:31

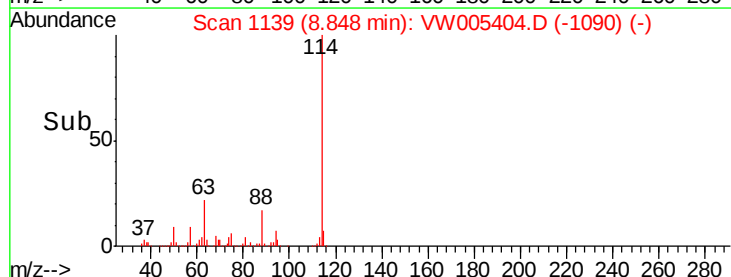
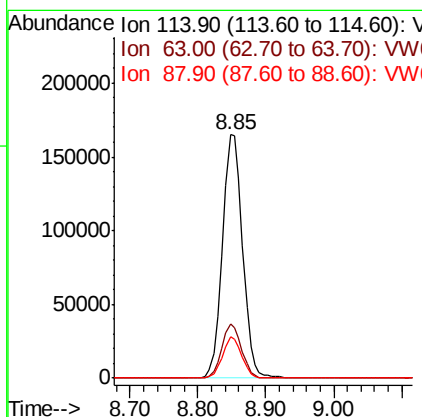
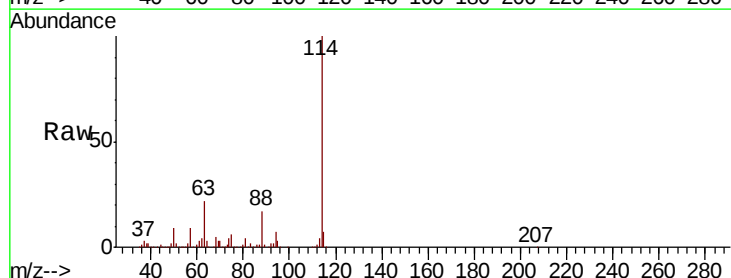
Tgt Ion: 114 Resp: 338563

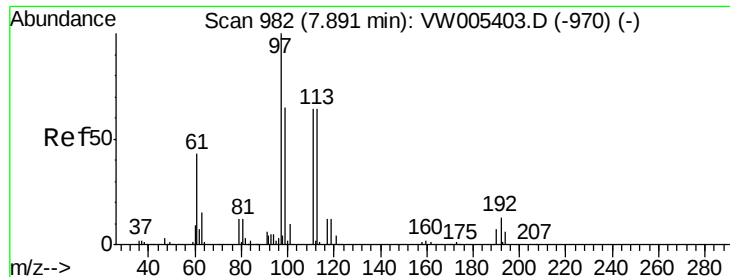
Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.4

88 16.8 0.0 31.8





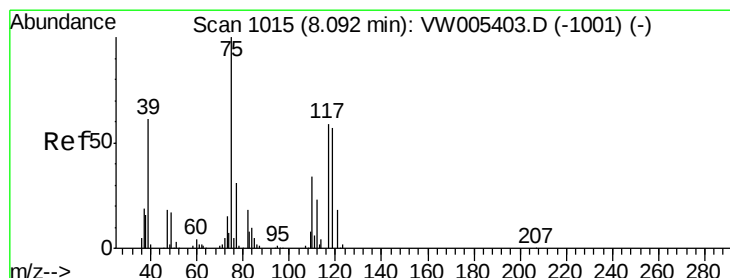
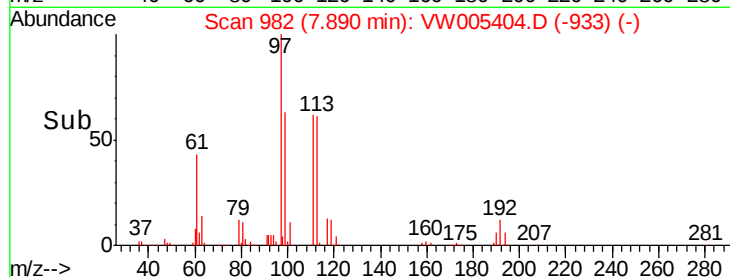
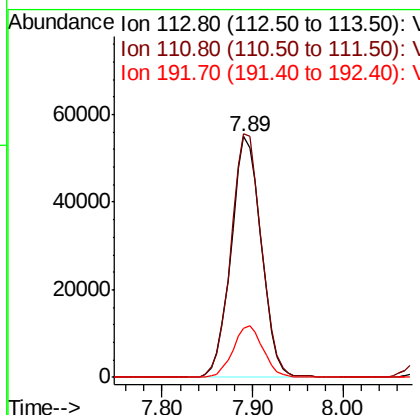
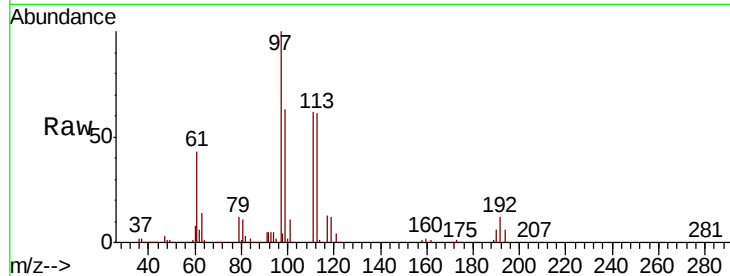
#35
 Dibromofluoromethane
 Concen: 71.98 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005404.D
 Acq: 15 Sep 2018 00:31

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
113	100	127959		
111	102.0	82.3	123.5	
192	21.2	16.5	24.7	

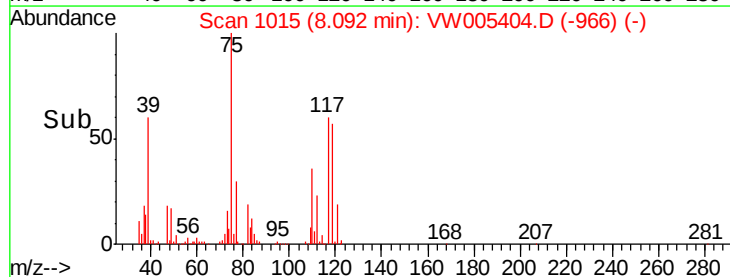
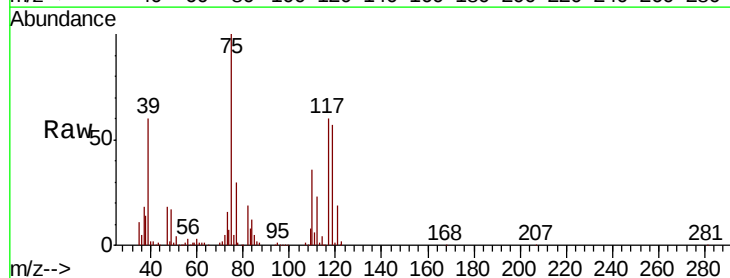
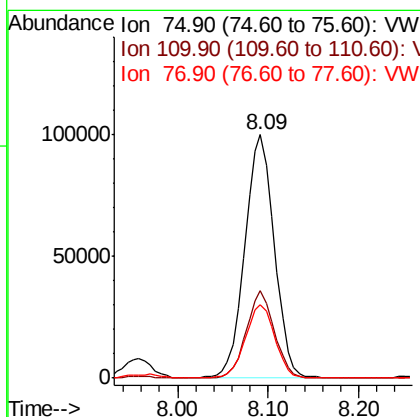
Manual Integrations
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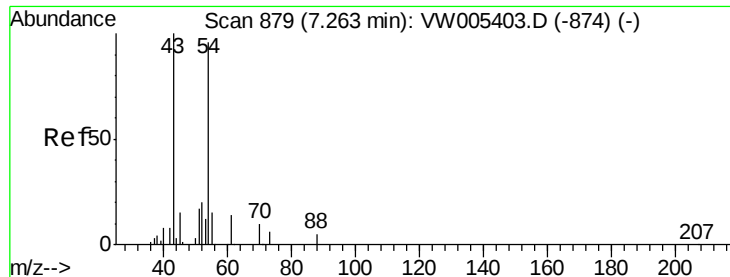
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#36
 1,1-Dichloropropene
 Concen: 71.75 ug/l
 RT: 8.09 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VW005404.D
 Acq: 15 Sep 2018 00:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	223687		
110	34.2	16.8	50.4	
77	30.6	24.2	36.4	





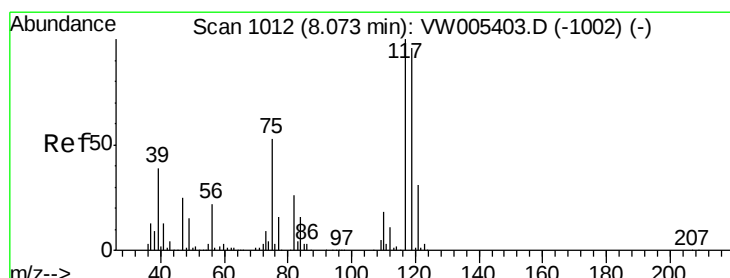
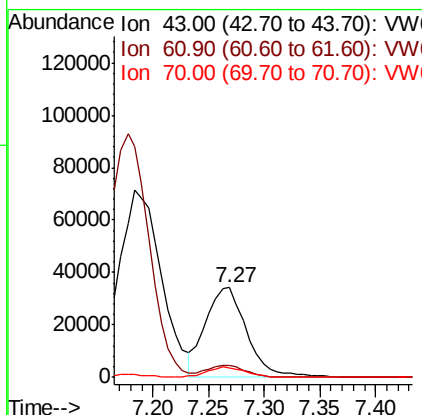
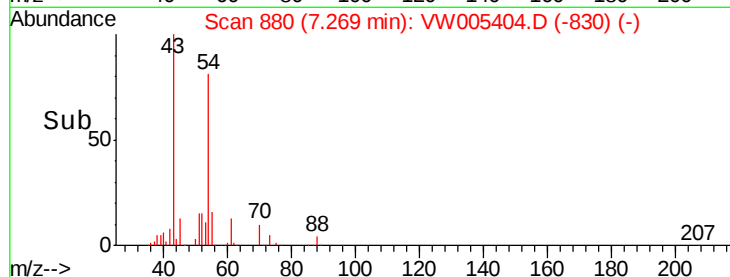
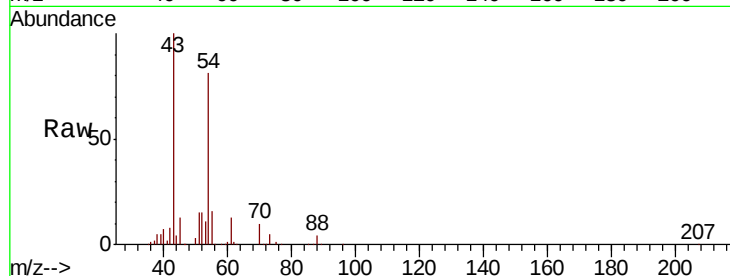
#37
Ethyl Acetate
Concen: 73.03 ug/l
RT: 7.27 min Scan# 880
Delta R.T. 0.01 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.5	11.3	16.9
70	10.6	8.2	12.4

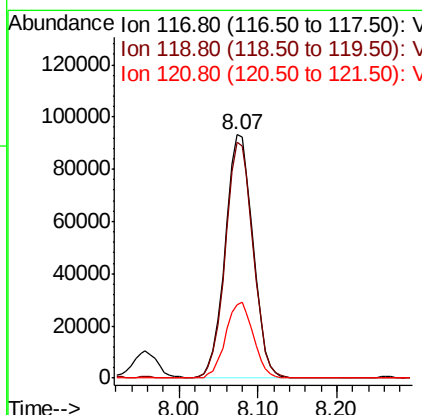
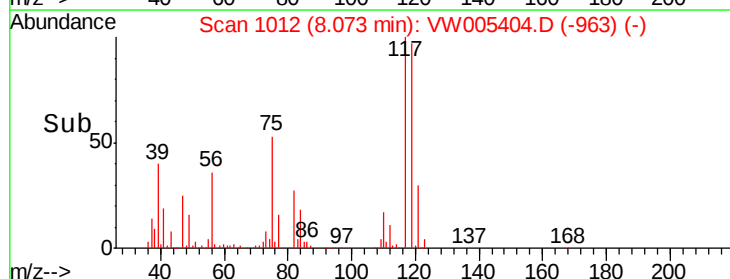
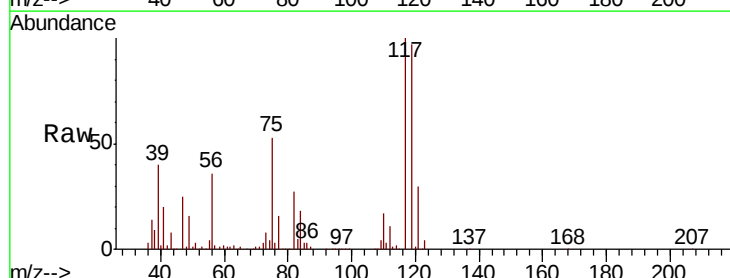
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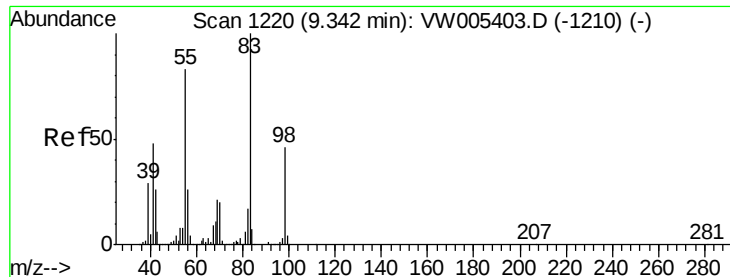
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#38
Carbon Tetrachloride
Concen: 76.90 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.8	115.2
121	30.2	24.7	37.1





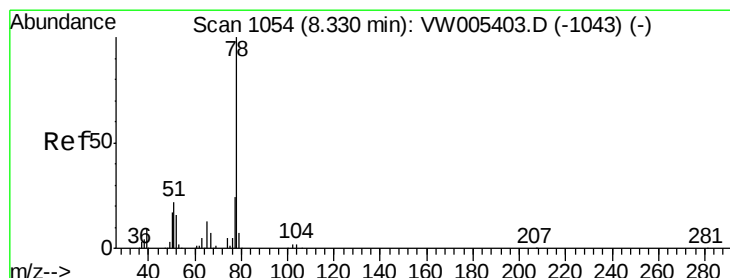
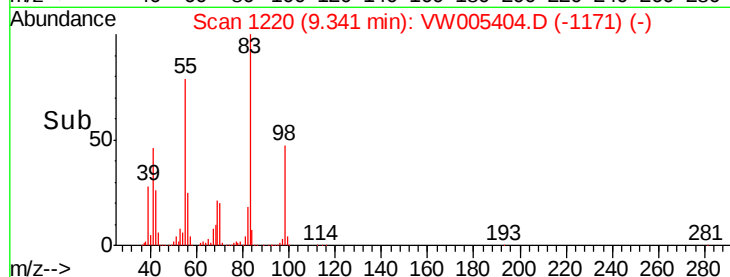
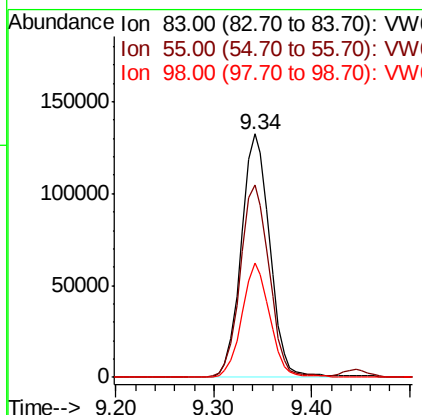
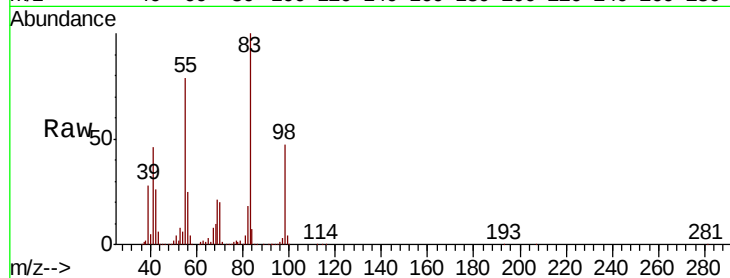
#39
Methvlcvclohexane
Concen: 66.43 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
83	100	269121		
55	79.1		66.1	99.1
98	46.8		36.7	55.1

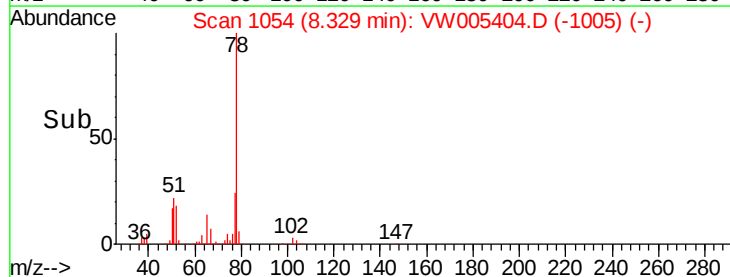
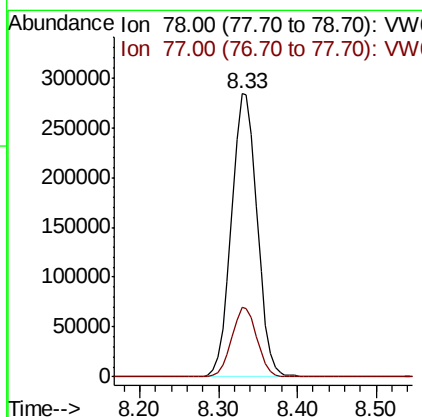
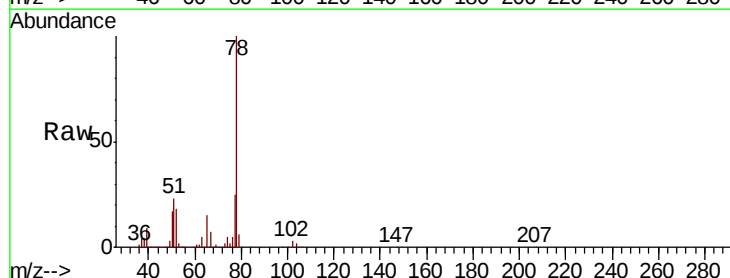
Manual Integrations
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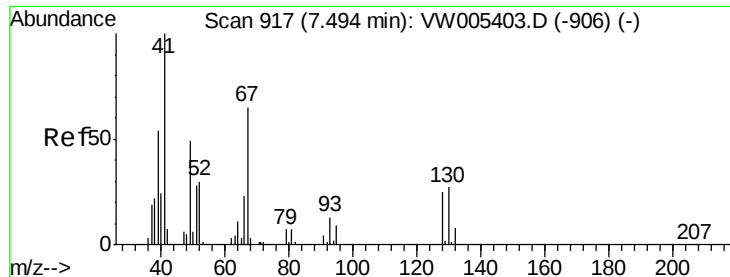
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#40
Benzene
Concen: 70.62 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	645100		
77	24.5		19.3	28.9





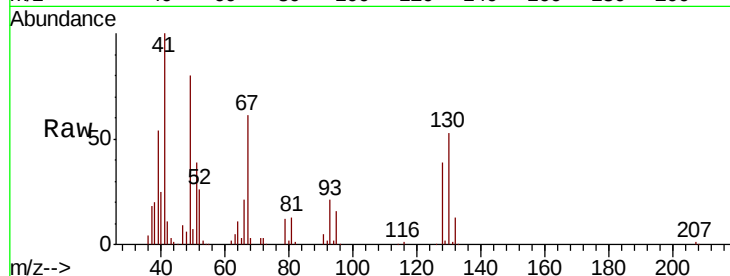
#41
Methacrylonitrile
Concen: 93.78 ug/l
RT: 7.50 min Scan# 918
Delta R.T. 0.01 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

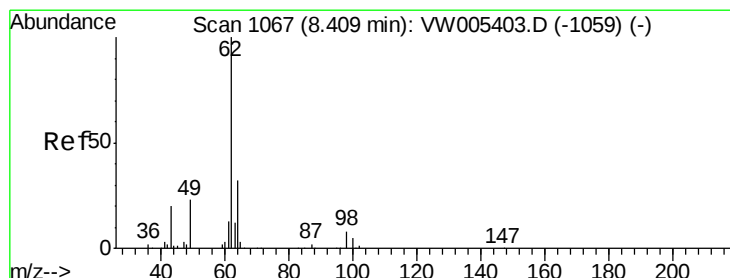
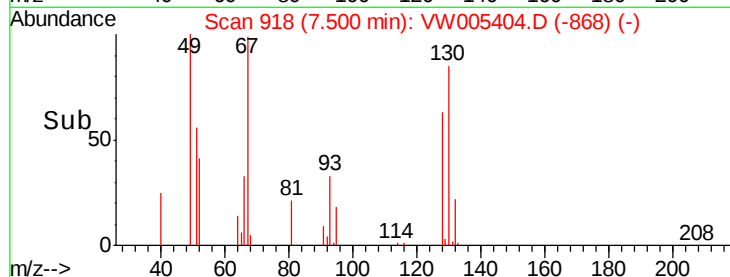
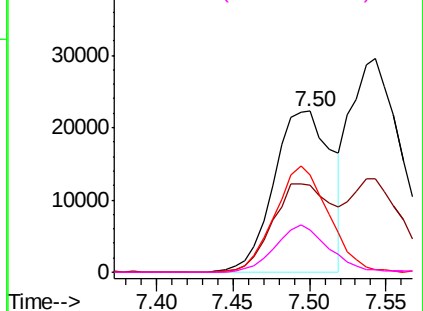
Tot Ion:	41	Resp:	58947
Ion	Ratio	Lower	Upper
41	100		
39	55.8	44.6	67.0
67	61.2	53.6	80.4
52	27.5	24.9	37.3

Manual Integrations
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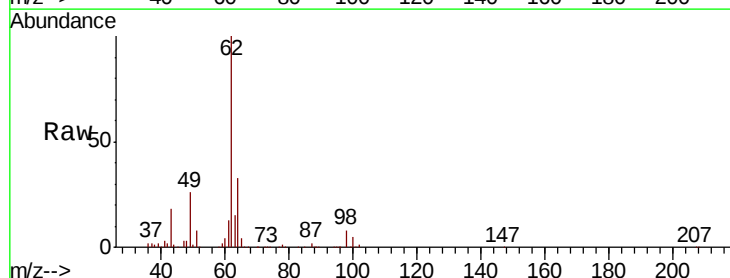


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

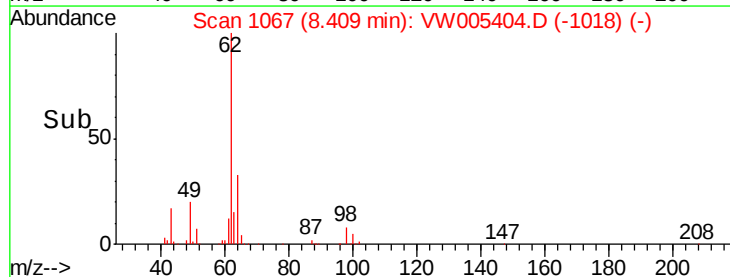
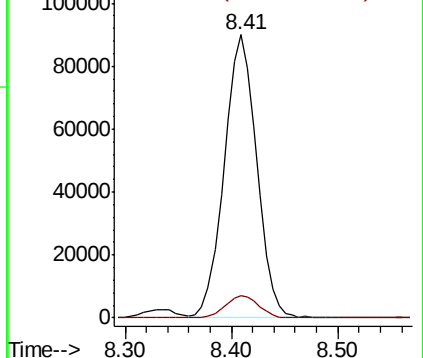


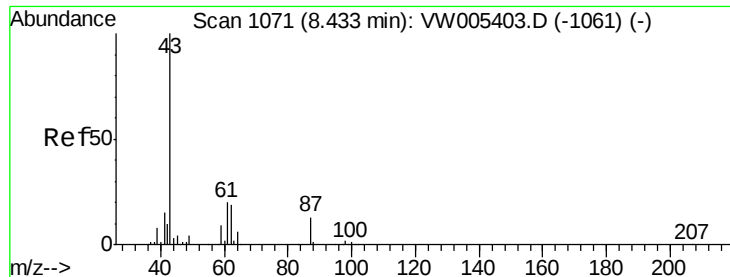
#42
1,2-Dichloroethane
Concen: 83.22 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

Tgt Ion:	62	Resp:	191812
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	15.6



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





#43

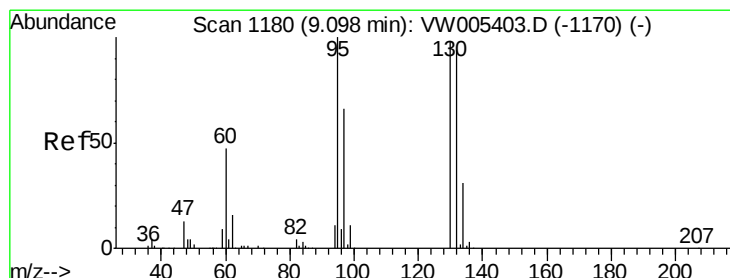
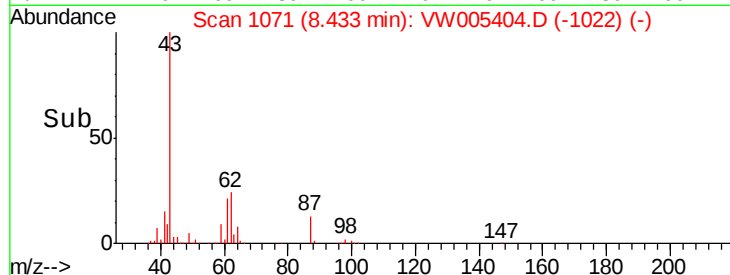
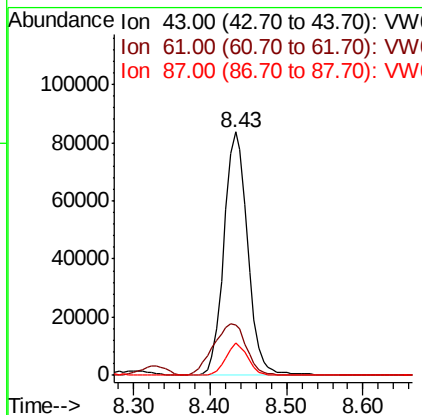
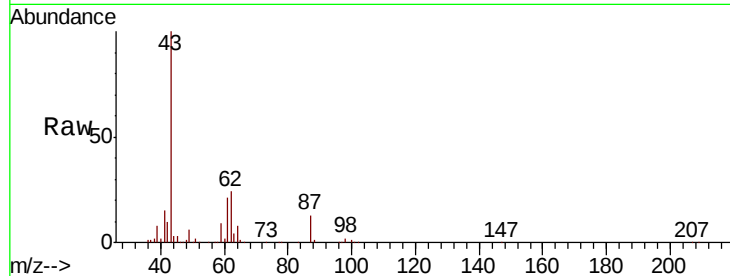
Isopropyl Acetate
 Concen: 79.52 ug/l
 RT: 8.43 min Scan# 1071
 Delta R.T. -0.00 min
 Lab File: VW005404.D
 Acq: 15 Sep 2018 00:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

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

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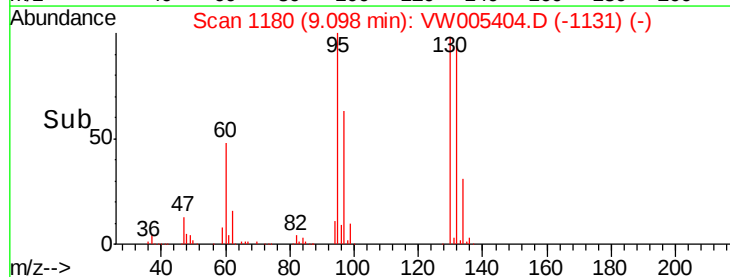
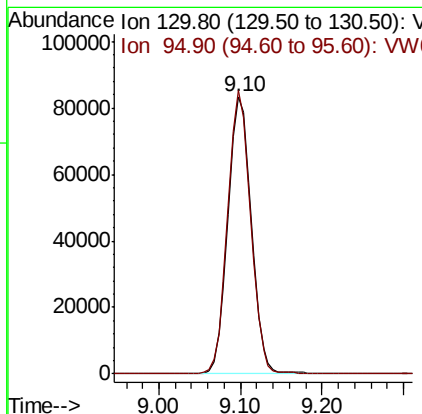
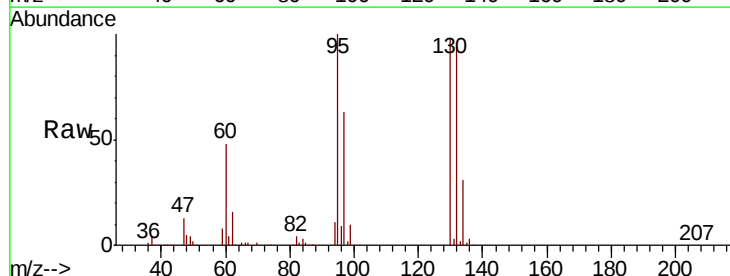
apatel
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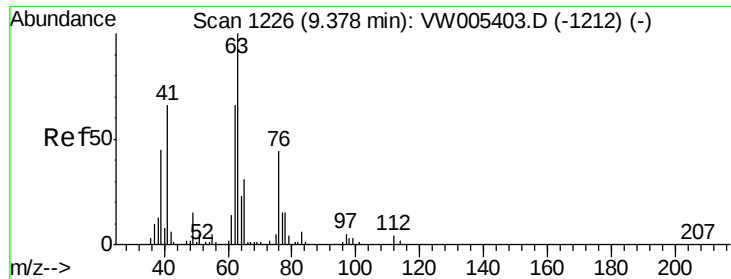


#44

Trichloroethene
 Concen: 66.46 ug/l
 RT: 9.10 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VW005404.D
 Acq: 15 Sep 2018 00:31

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.0	0.0	204.6





#45

1,2-Dichloropropane

Concen: 70.49 ug/l

RT: 9.38 min Scan# 1226

Delta R.T. -0.00 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

Tot Ion: 63 Resp: 154698

Ion Ratio Lower Upper

63 100

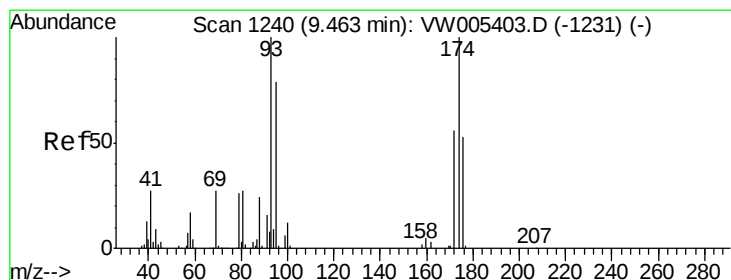
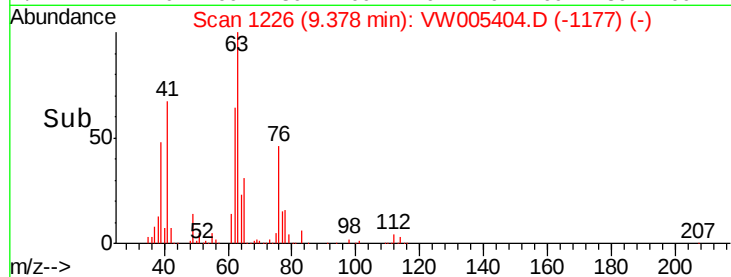
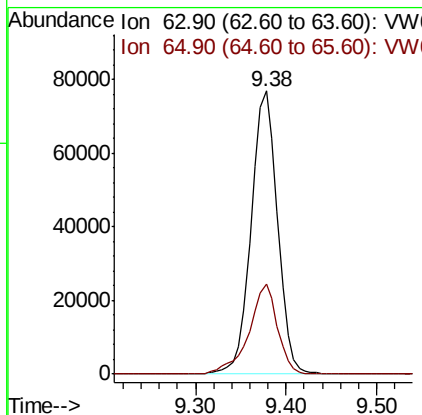
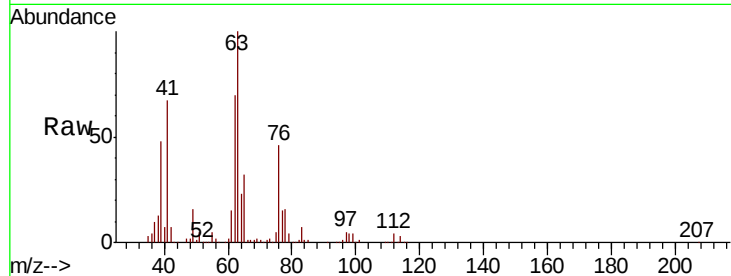
65 31.8 25.0 37.6

Manual Integrations

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#46

Dibromomethane

Concen: 68.42 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

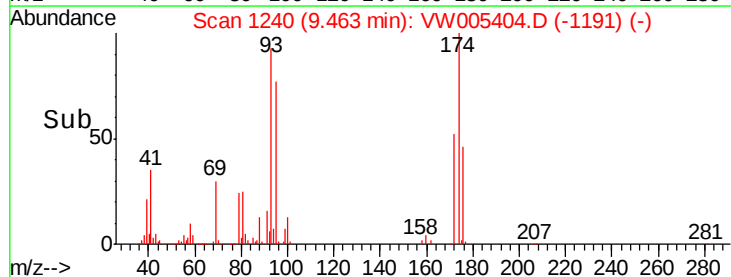
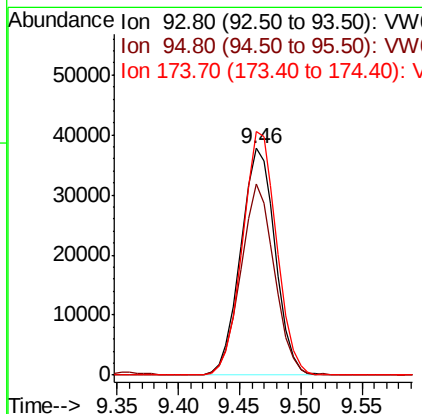
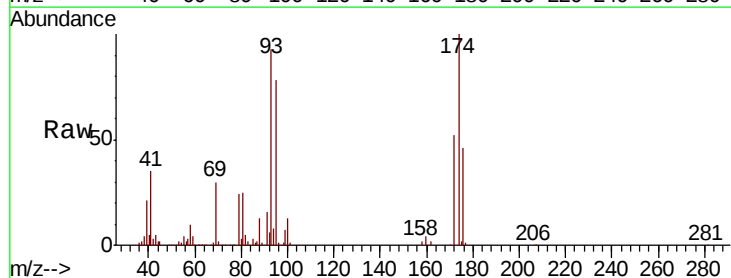
Tgt Ion: 93 Resp: 74072

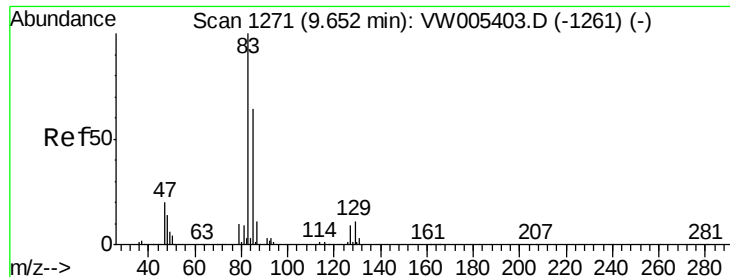
Ion Ratio Lower Upper

93 100

95 81.9 65.4 98.0

174 106.2 83.4 125.2





#47

Bromodichloromethane

Concen: 76.38 ug/l

RT: 9.65 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

Instrument :

MSVOA_W

ClientSampled :

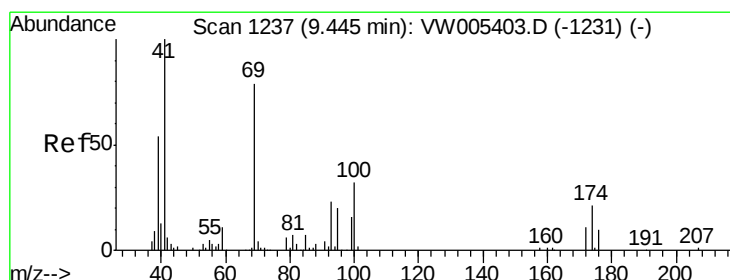
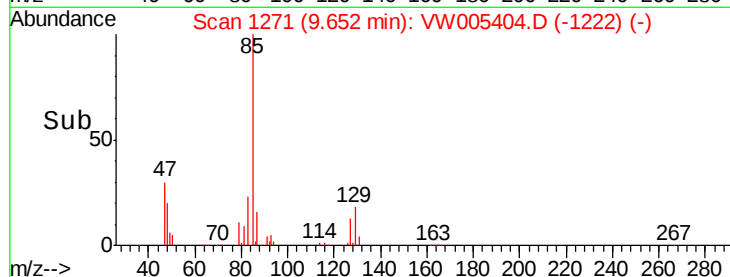
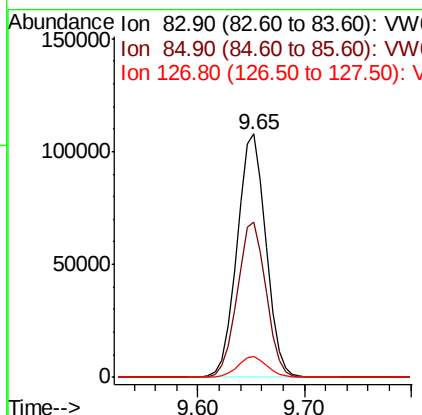
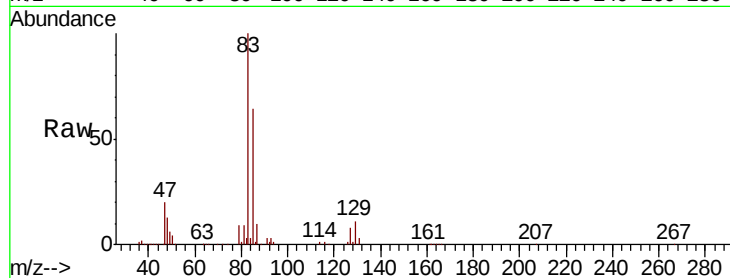
VSTDIC075

Tot Ion:	83	Resp:	205234
Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.9	76.3
127	8.4	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 77.61 ug/l

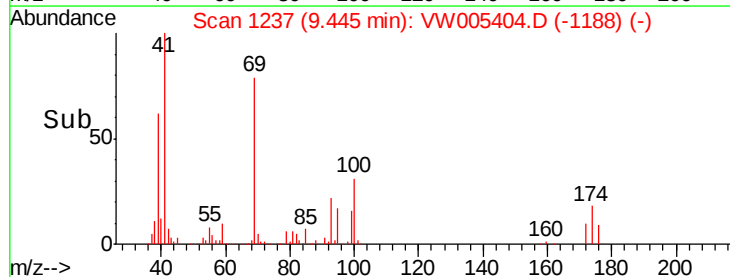
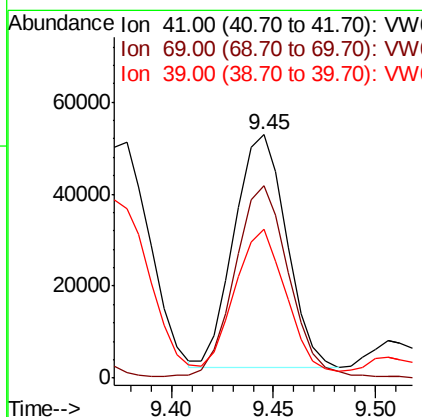
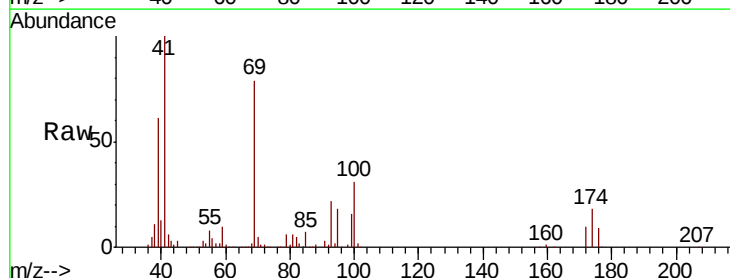
RT: 9.45 min Scan# 1237

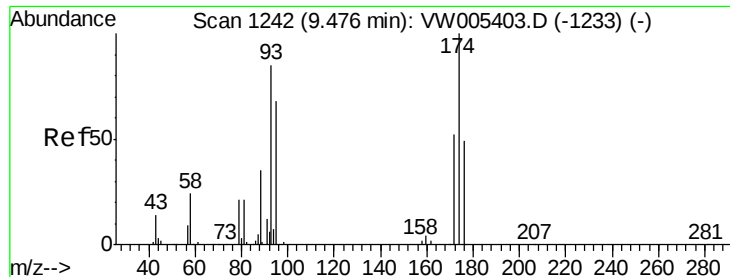
Delta R.T. -0.00 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

Tgt Ion:	41	Resp:	89961
Ion	Ratio	Lower	Upper
41	100		
69	86.1	67.5	101.3
39	58.8	45.5	68.3





#49

1,4-Dioxane

Concen: 1402.80 ug/l

RT: 9.48 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

Instrument :

MSVOA_W

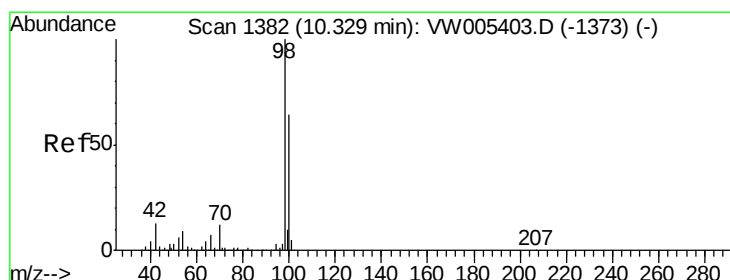
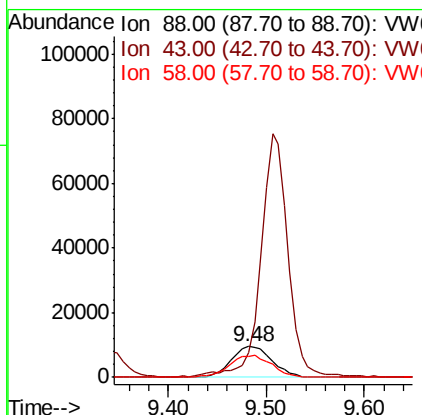
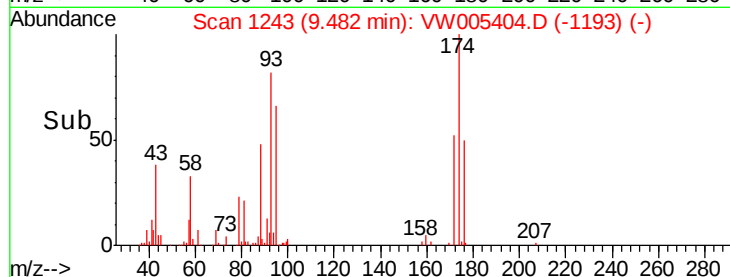
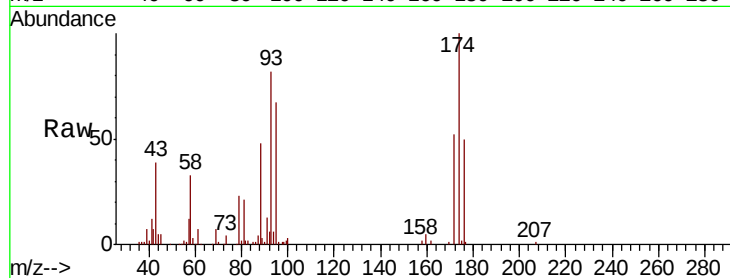
ClientSampleId :

VSTDIC075

Tot Ion:	88	Resp:	27572
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	75.2	62.4	93.6

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#50

Toluene-d8

Concen: 70.58 ug/l

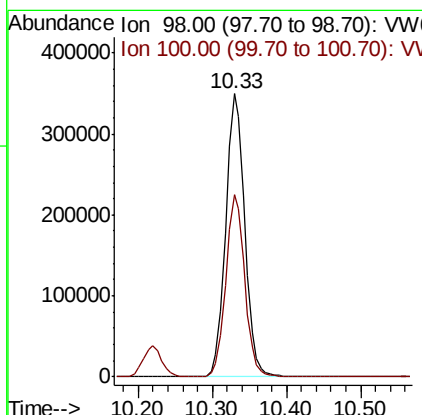
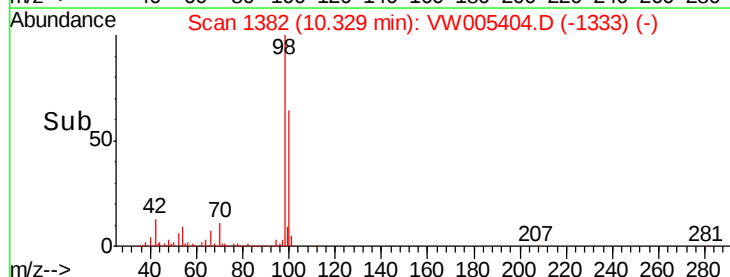
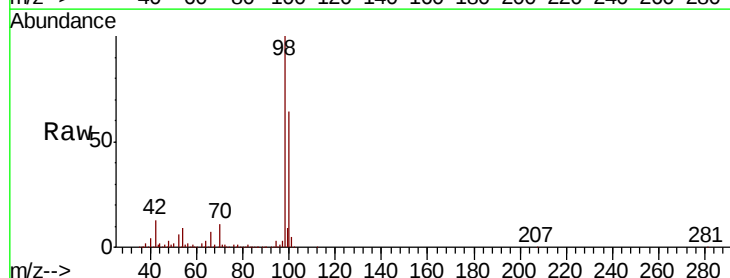
RT: 10.33 min Scan# 1382

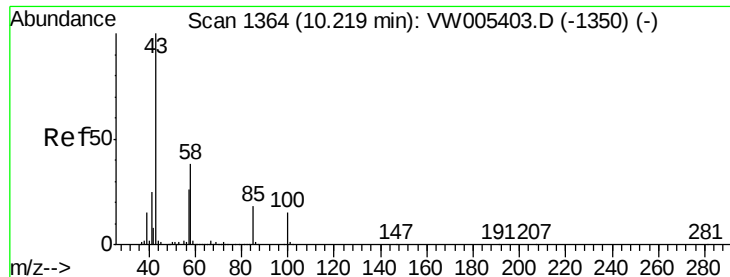
Delta R.T. -0.00 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

Tgt Ion:	98	Resp:	624714
Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.4	77.0





#51

4-Methyl-2-Pentanone

Concen: 382.66 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

Tot Ion: 43 Resp: 478019

Ion Ratio Lower Upper

43 100

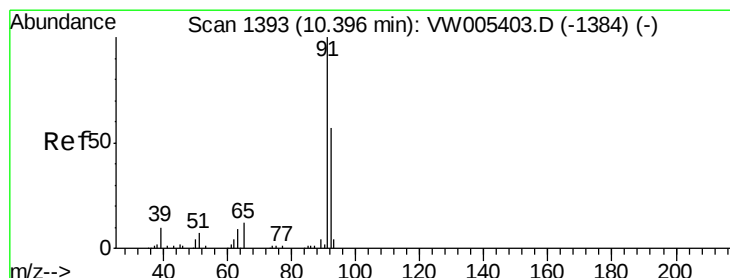
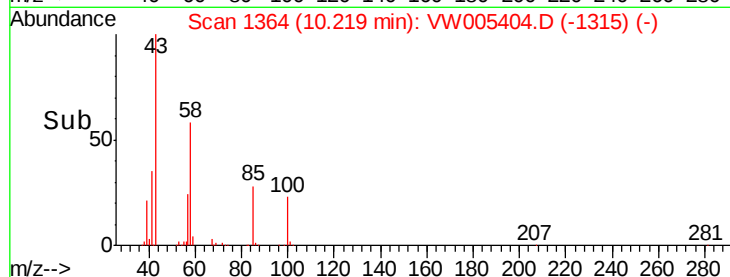
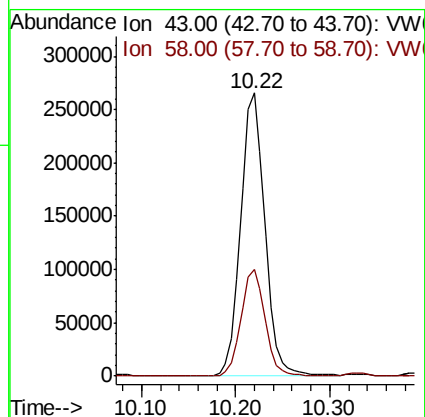
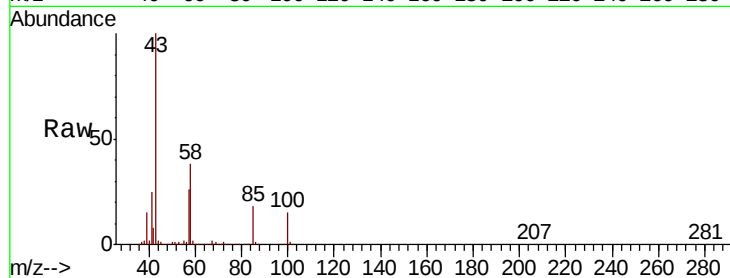
58 37.3 29.9 44.9

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#52

Toluene

Concen: 68.45 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005404.D

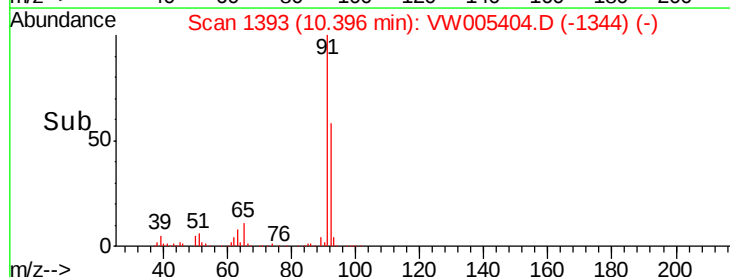
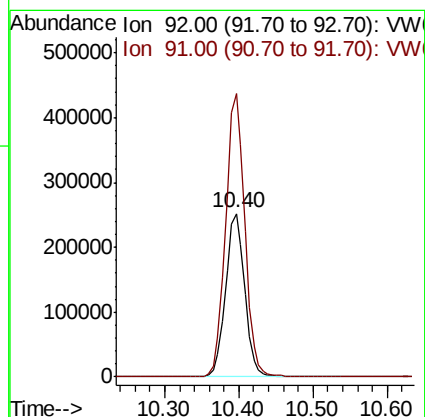
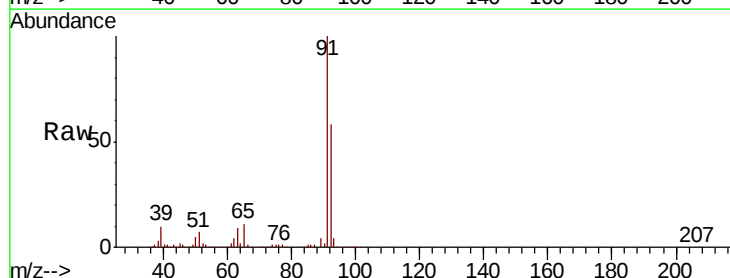
Acq: 15 Sep 2018 00:31

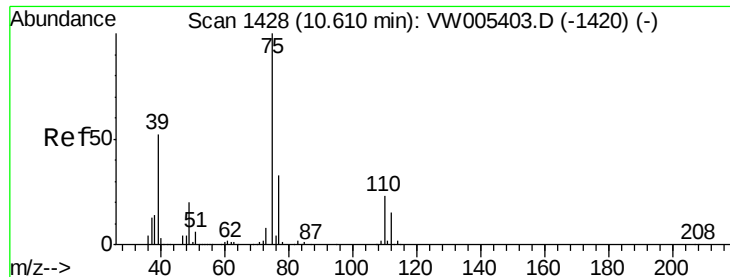
Tgt Ion: 92 Resp: 451951

Ion Ratio Lower Upper

92 100

91 173.6 139.1 208.7





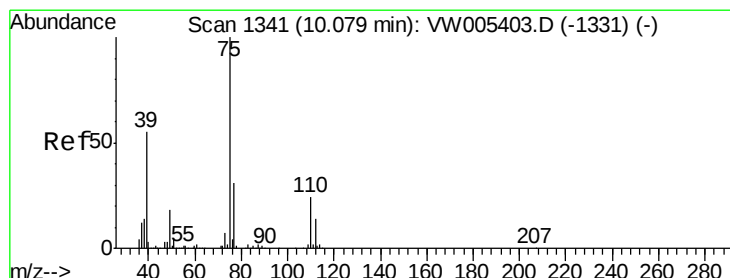
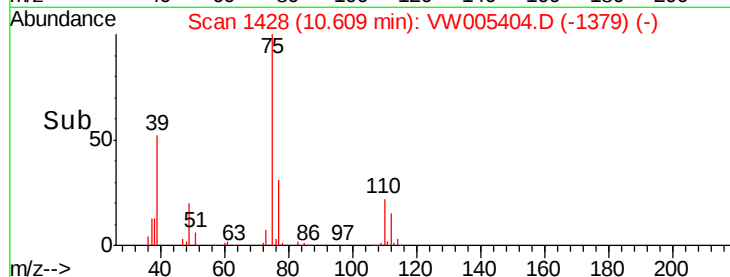
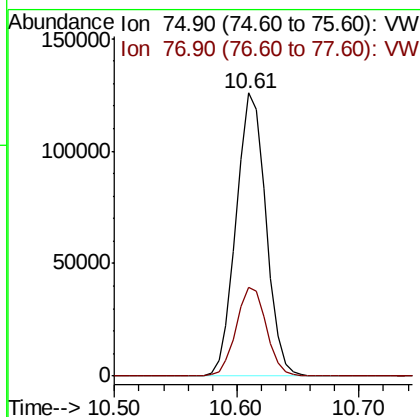
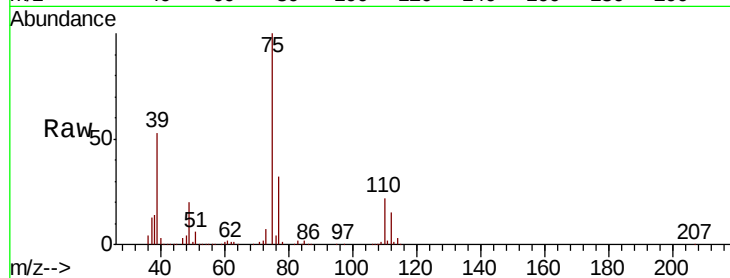
#53
 t-1,3-Dichloropropene
 Concen: 74.15 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW005404.D
 Acq: 15 Sep 2018 00:31

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	26.5	39.7

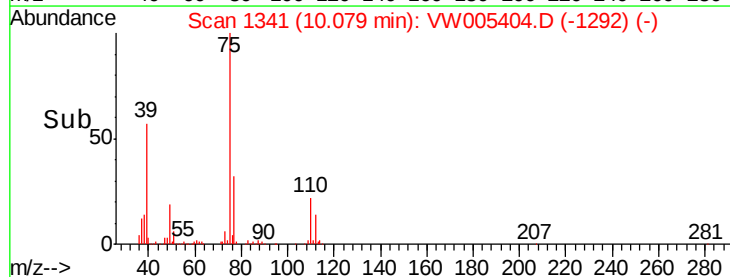
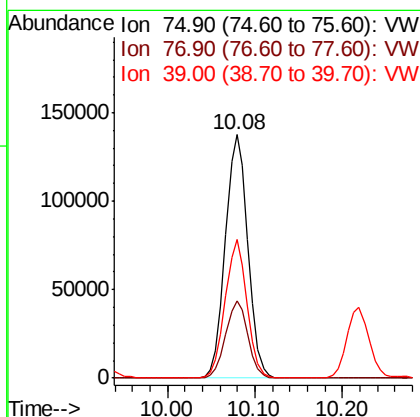
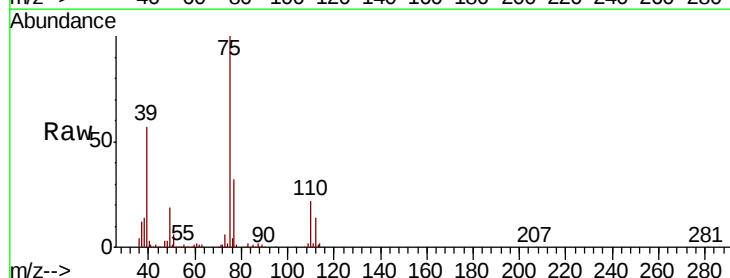
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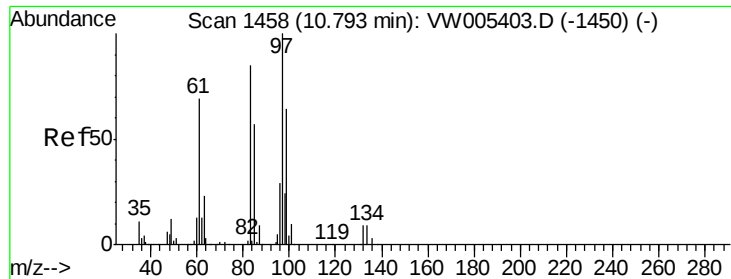
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#54
 cis-1,3-Dichloropropene
 Concen: 72.05 ug/l
 RT: 10.08 min Scan# 1341
 Delta R.T. -0.00 min
 Lab File: VW005404.D
 Acq: 15 Sep 2018 00:31

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.0	37.4
39	56.9	44.2	66.2





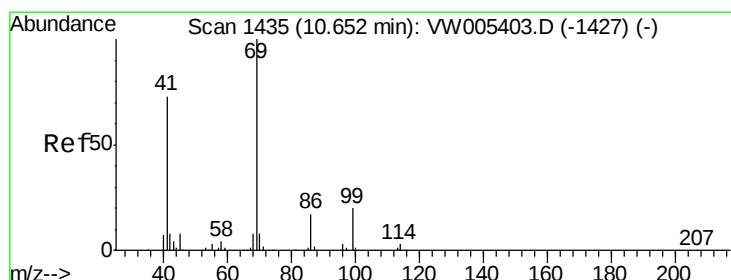
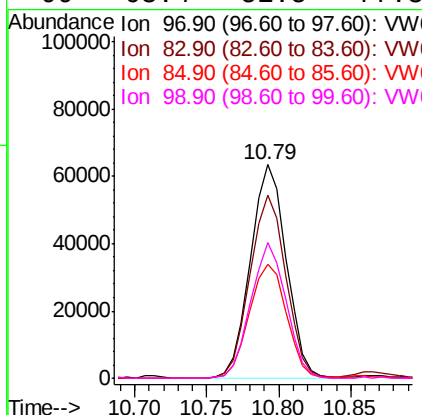
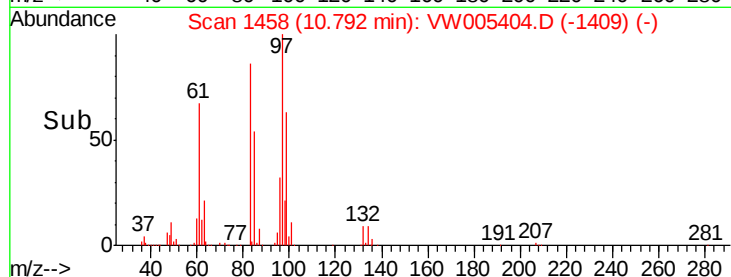
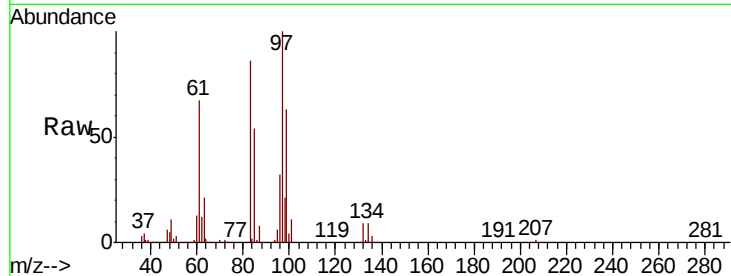
#55
 1,1,2-Trichloroethane
 Concen: 64.57 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005404.D
 Acq: 15 Sep 2018 00:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion:	97	Resp:	109563
Ion	Ratio	Lower	Upper
97	100		
83	86.0	67.8	101.8
85	53.6	45.4	68.0
99	63.4	51.5	77.3

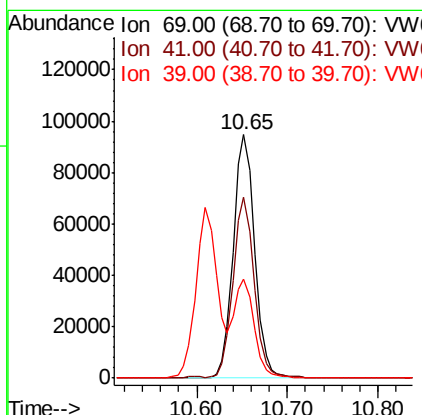
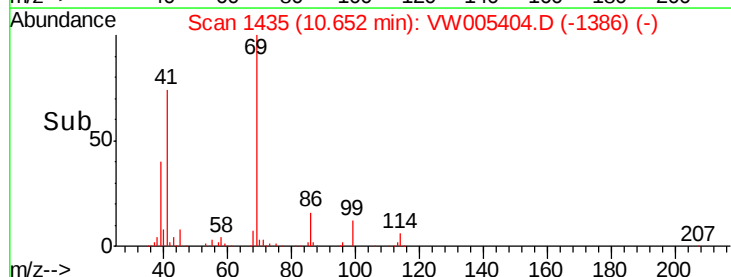
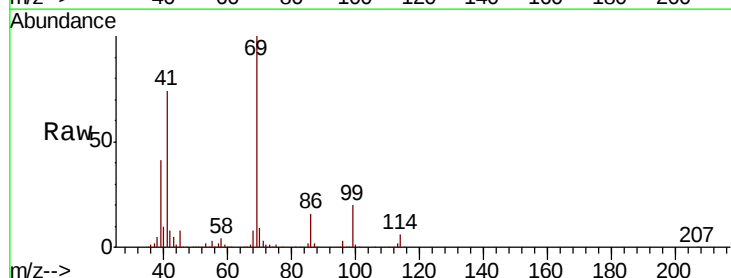
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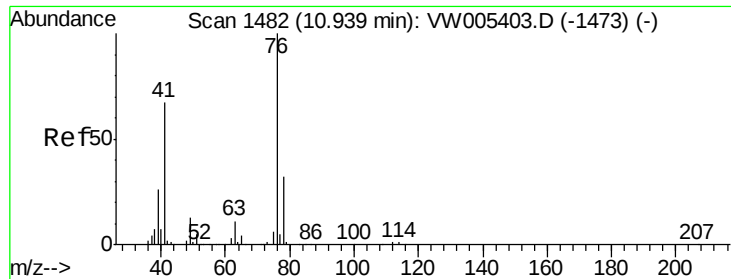
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#56
 Ethyl methacrylate
 Concen: 71.96 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005404.D
 Acq: 15 Sep 2018 00:31

Tgt Ion:	69	Resp:	155349
Ion	Ratio	Lower	Upper
69	100		
41	72.9	59.3	88.9
39	38.1	30.2	45.4





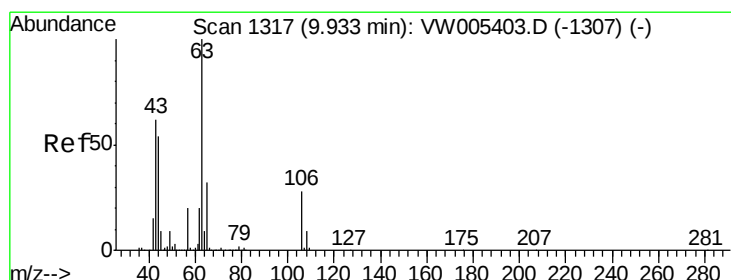
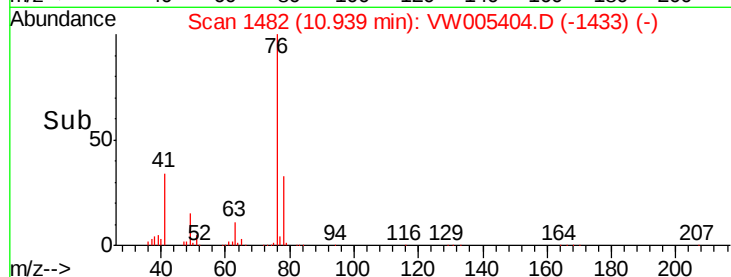
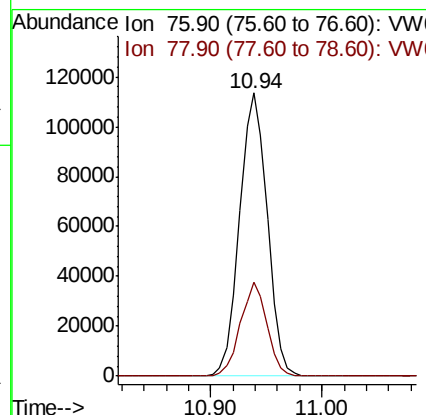
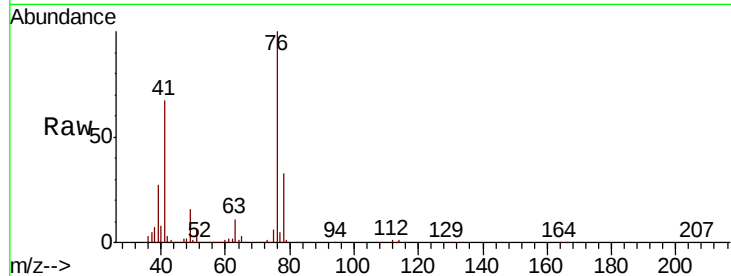
#57
 1,3-Dichloropropane
 Concen: 68.45 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005404.D
 Acq: 15 Sep 2018 00:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion: 76 Resp: 194946
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.6 38.4

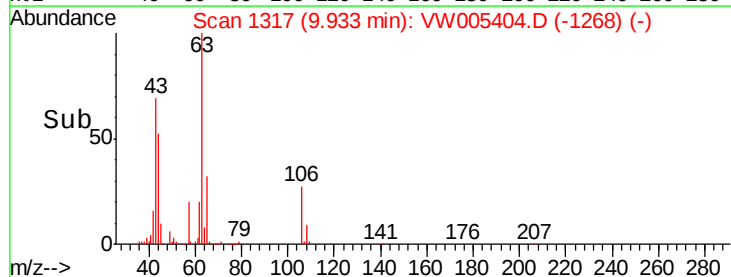
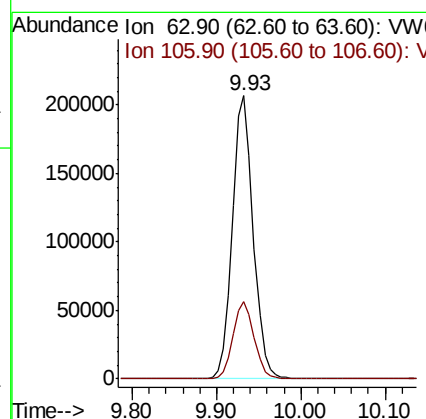
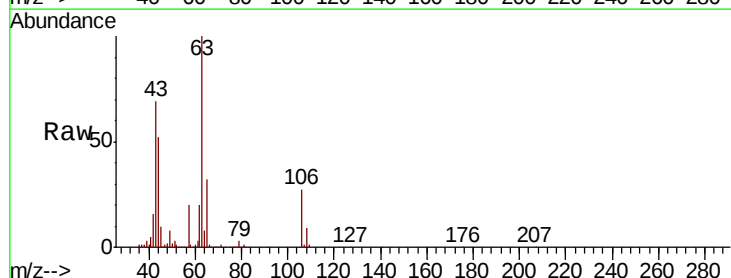
Manual Integrations
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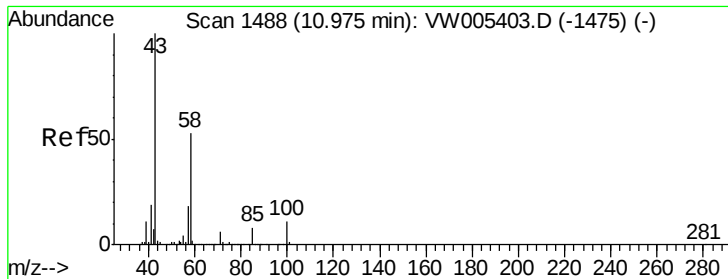
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 369.35 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VW005404.D
 Acq: 15 Sep 2018 00:31

Tgt Ion: 63 Resp: 348137
 Ion Ratio Lower Upper
 63 100
 106 27.6 22.0 33.0





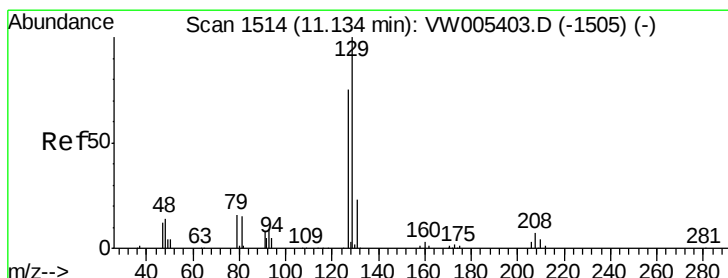
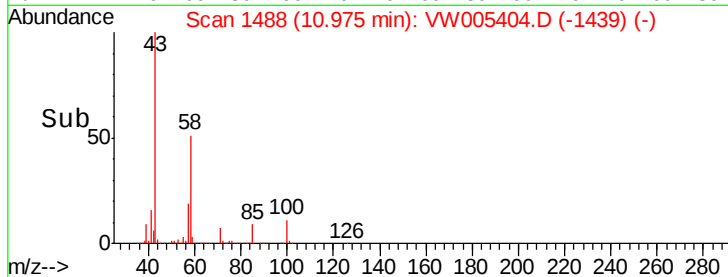
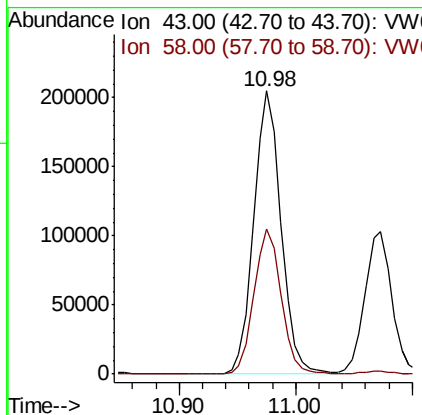
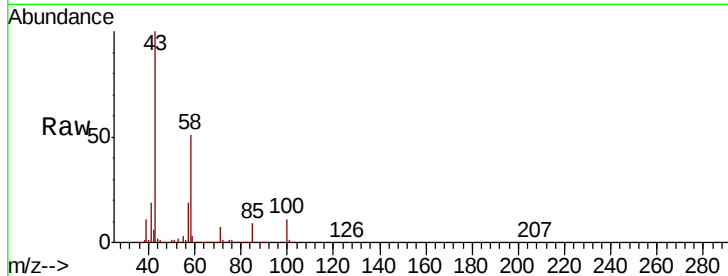
#59
2-Hexanone
Concen: 373.87 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.2	25.5	76.5

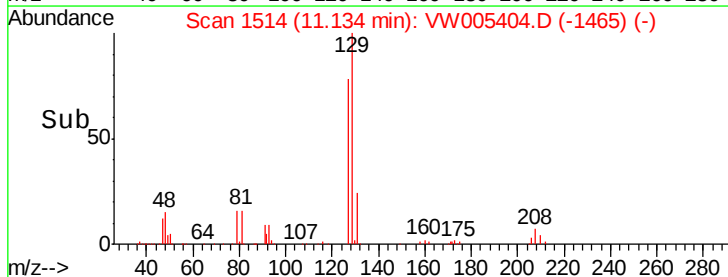
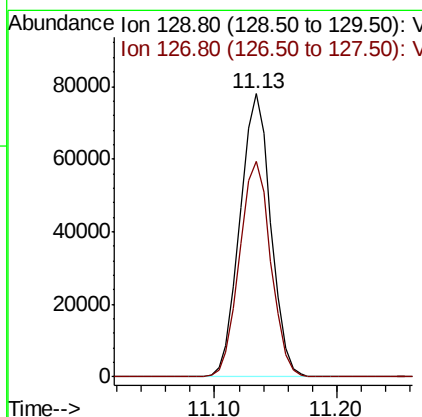
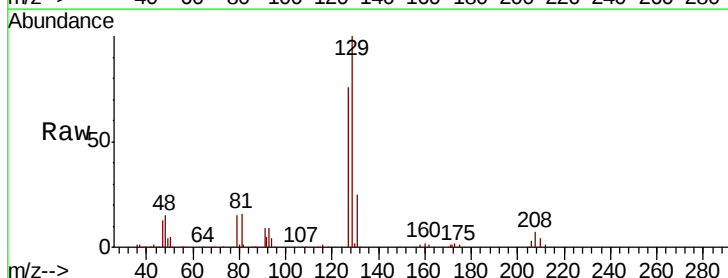
Manual Integrations
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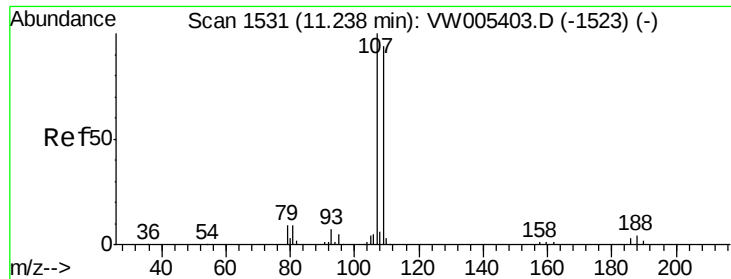
apatel
9/17/2018 2:24:00 PM



#60
Dibromochloromethane
Concen: 71.39 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.1	38.5	115.3





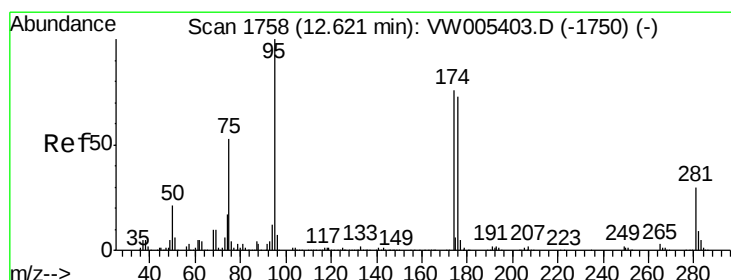
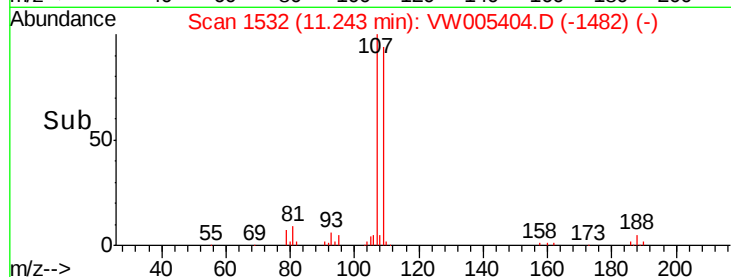
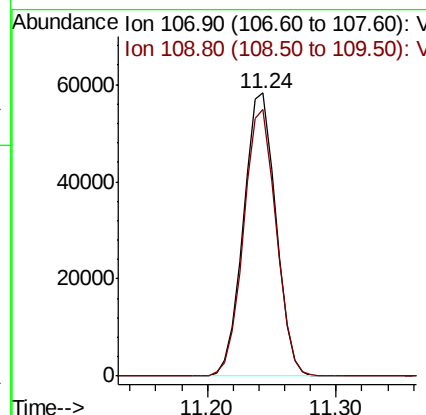
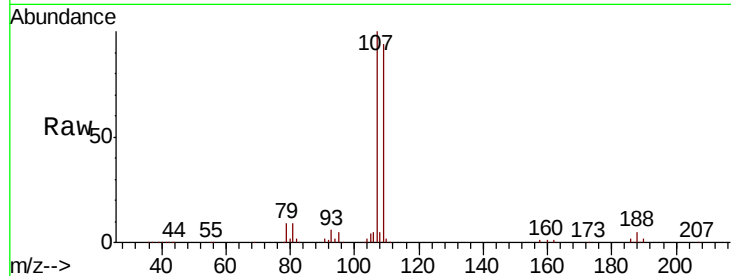
#61
 1,2-Dibromoethane
 Concen: 65.07 ug/l
 RT: 11.24 min Scan# 1532
 Delta R.T. 0.01 min
 Lab File: VW005404.D
 Acq: 15 Sep 2018 00:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
107	100	101156		
109	94.5	75.0	112.6	

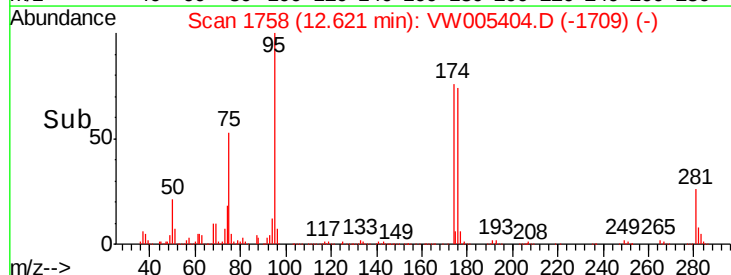
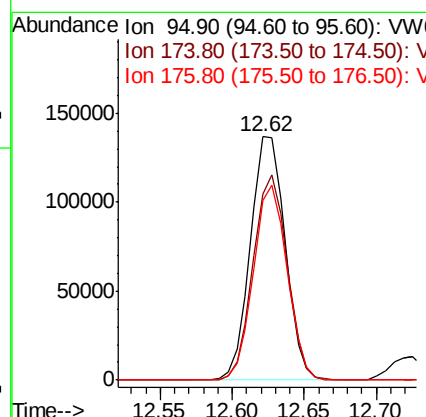
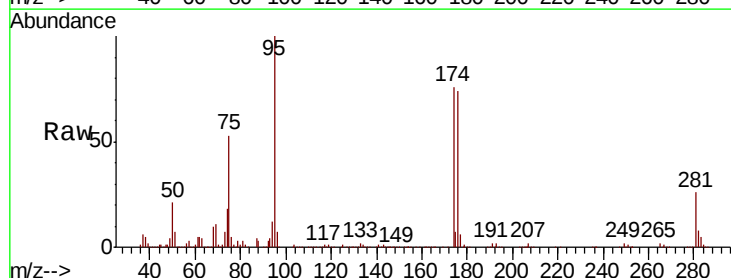
Manual Integrations
 APPROVED

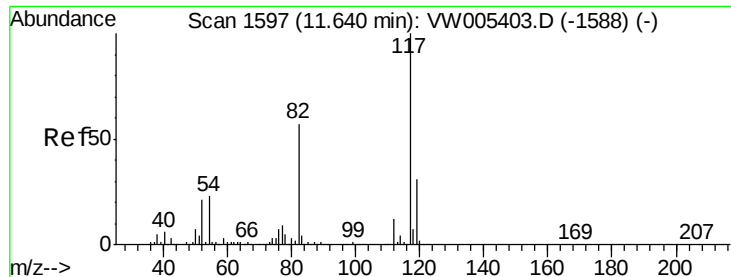
apatel
 9/17/2018 2:24:00 PM



#62
 4-Bromofluorobenzene
 Concen: 69.99 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW005404.D
 Acq: 15 Sep 2018 00:31

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	228204		
174	82.4	0.0	161.2	
176	78.0	0.0	156.6	





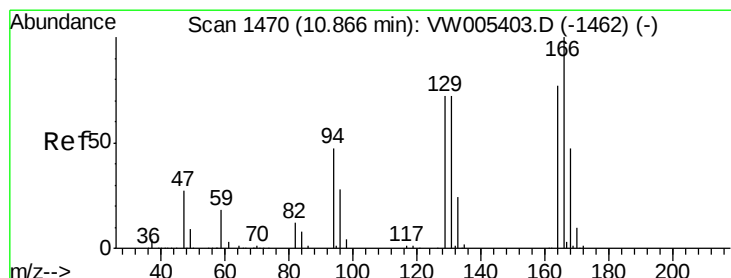
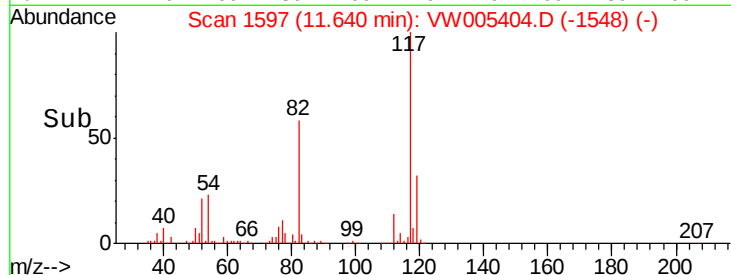
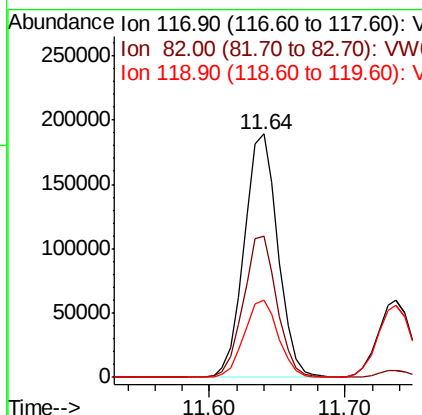
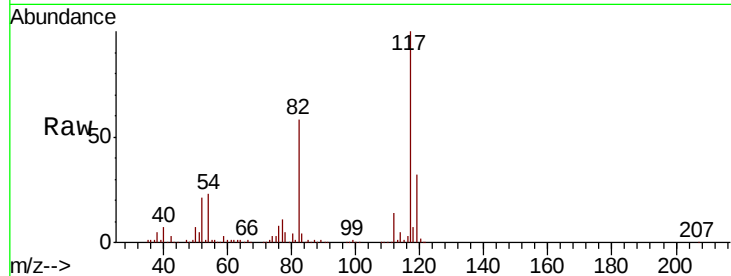
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.8	45.9	68.9
119	31.9	24.8	37.2

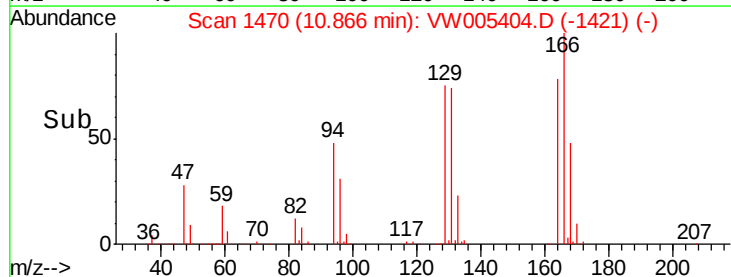
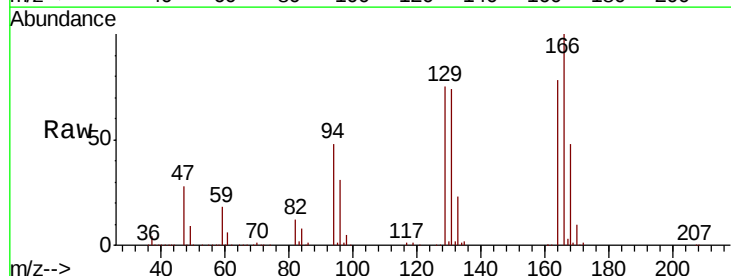
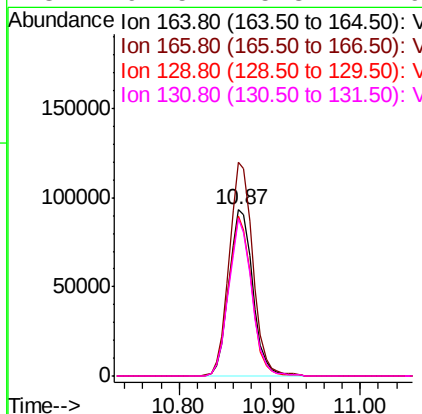
Manual Integrations
APPROVED

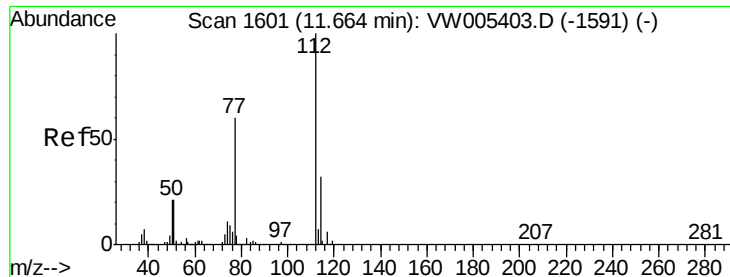
apatel
9/17/2018 2:24:00 PM



#64
Tetrachloroethene
Concen: 70.37 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.4	104.0	156.0
129	96.6	74.9	112.3
131	94.5	75.3	112.9





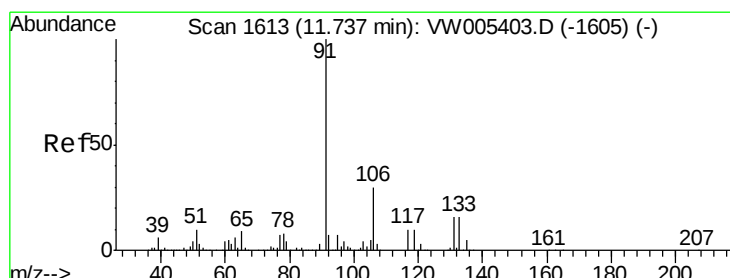
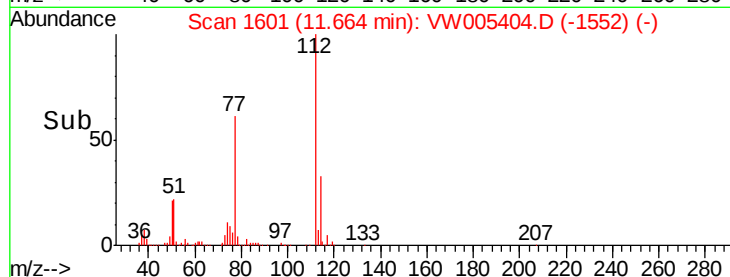
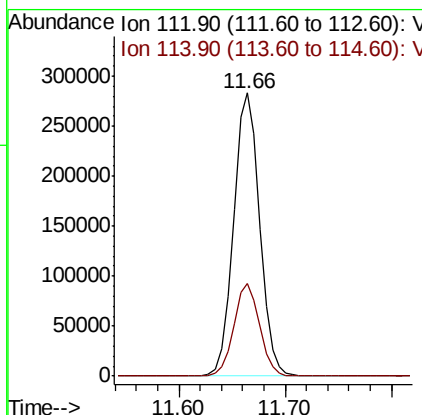
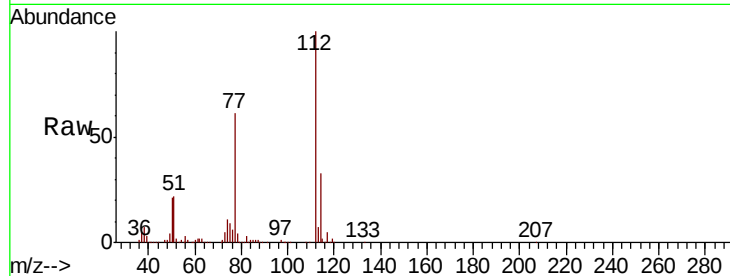
#65
Chlorobenzene
Concen: 68.16 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion:112 Resp: 485949
Ion Ratio Lower Upper
112 100
114 32.5 25.3 37.9

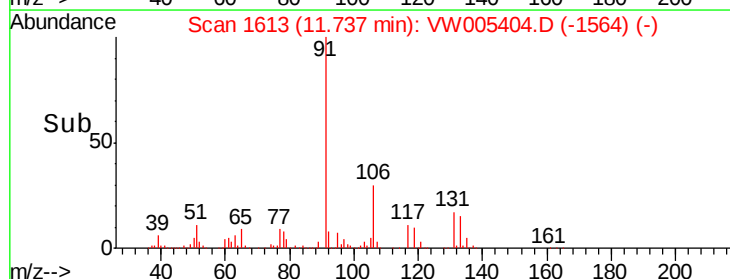
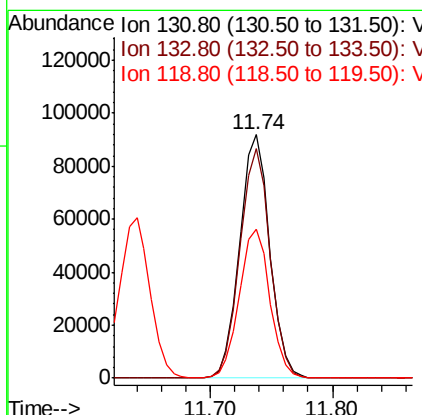
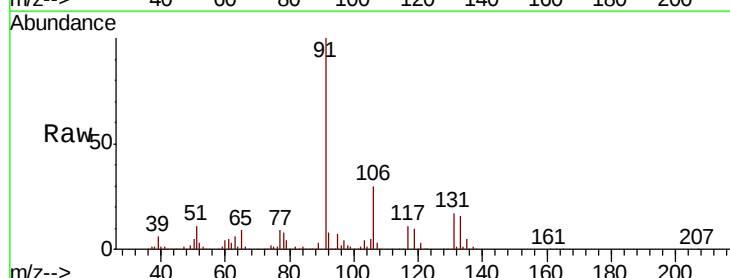
Manual Integrations
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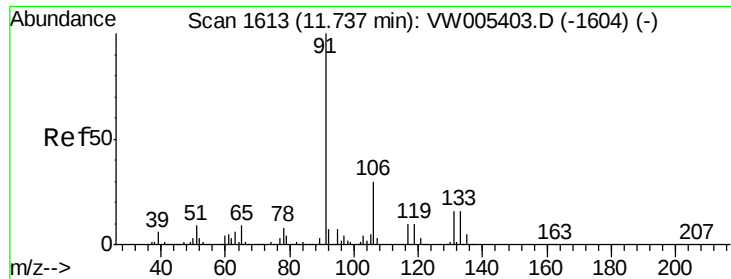
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 72.54 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

Tgt Ion:131 Resp: 156306
Ion Ratio Lower Upper
131 100
133 94.9 47.3 141.9
119 62.5 31.1 93.5





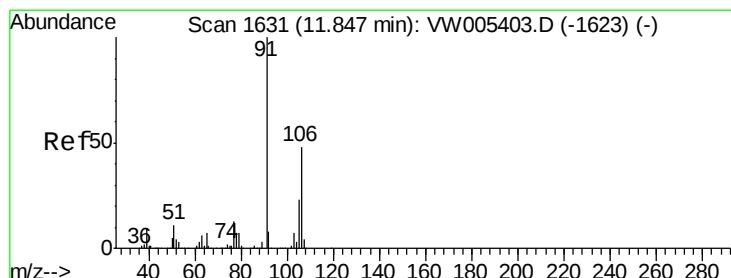
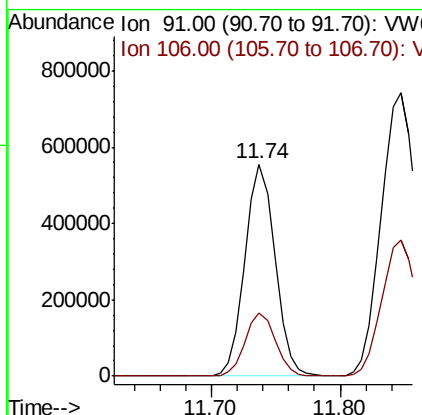
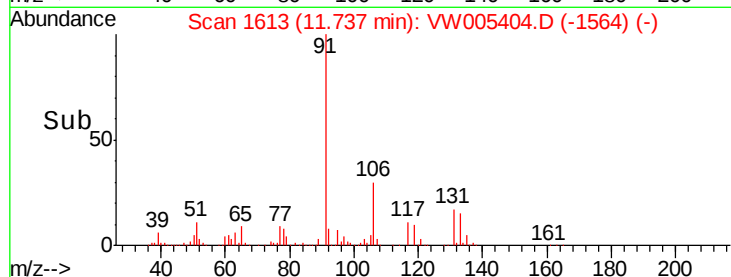
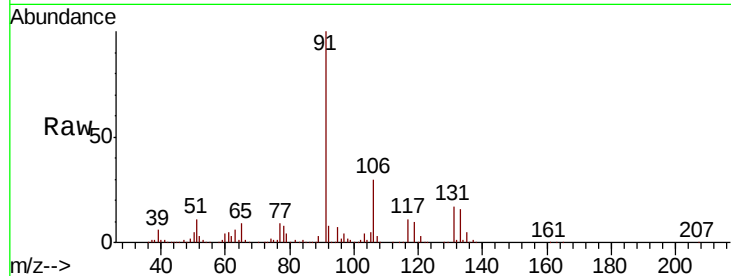
#67
Ethyl Benzene
Concen: 72.05 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
106	30.1	24.2	36.4	

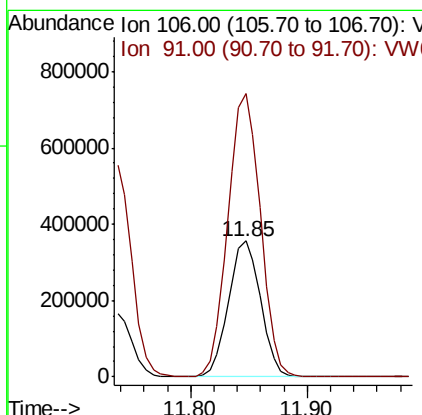
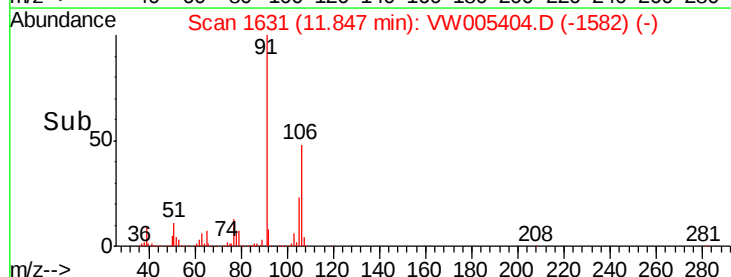
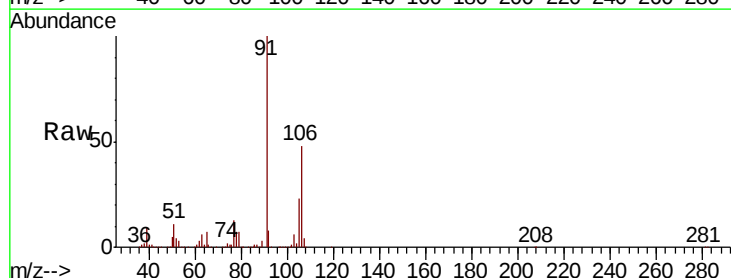
Manual Integrations
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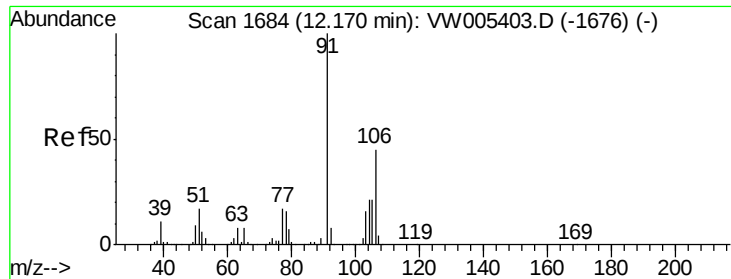
apatel
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#68
m/p-Xylenes
Concen: 136.98 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

Tgt Ion	Ion	Ratio	Lower	Upper
106	100			
91	210.5	167.9	251.9	





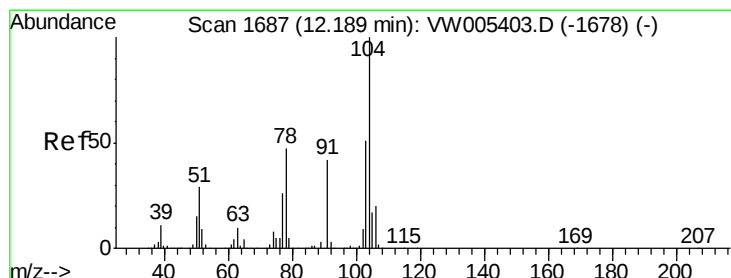
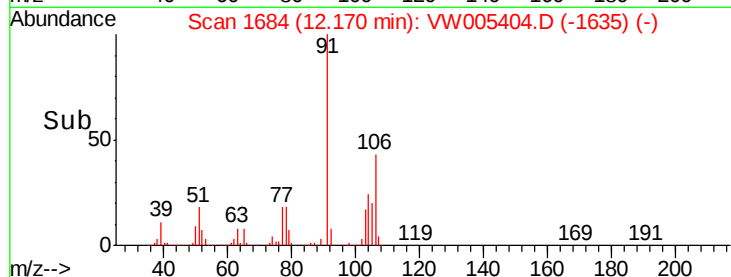
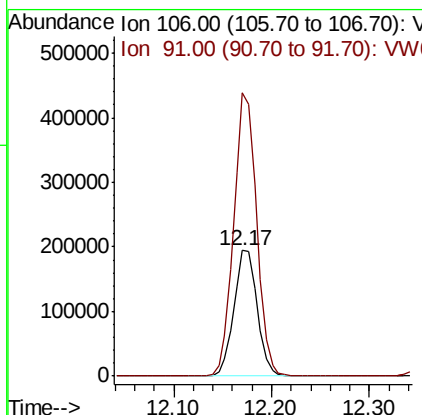
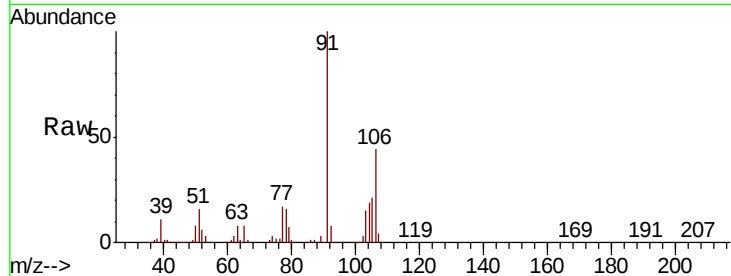
#69
o-Xylene
Concen: 69.48 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		321871		
91	221.9	110.6	331.6		

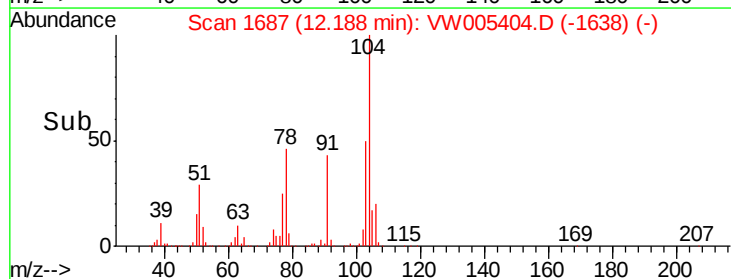
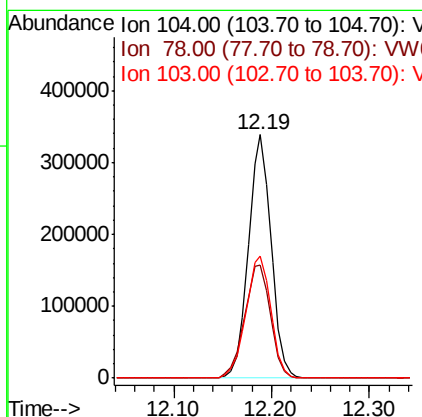
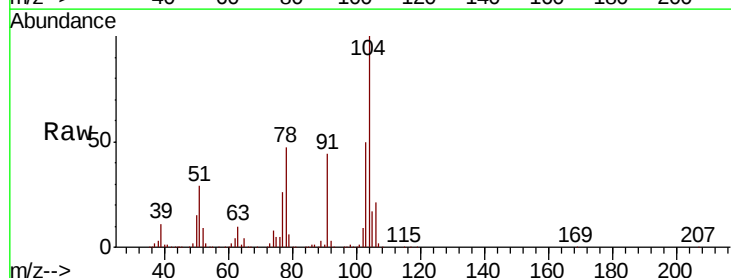
Manual Integrations
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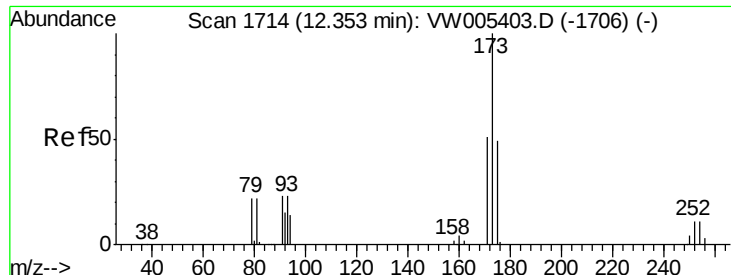
apatel
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#70
Styrene
Concen: 71.73 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		543945		
78	52.8	42.4	63.6		
103	55.1	44.8	67.2		





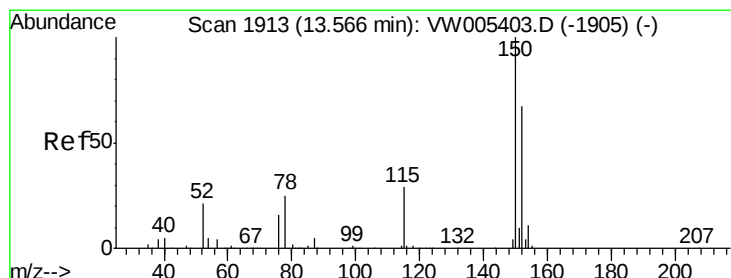
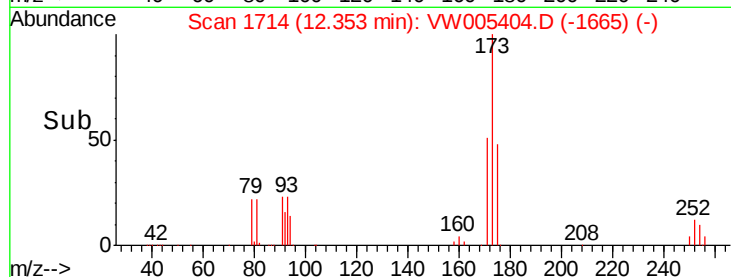
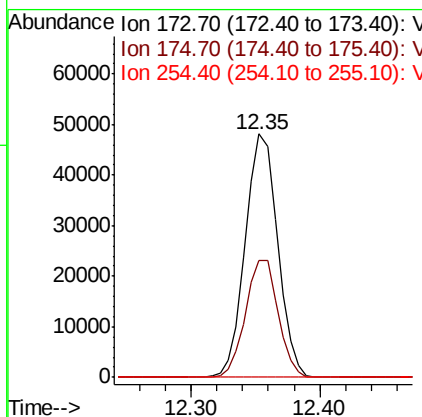
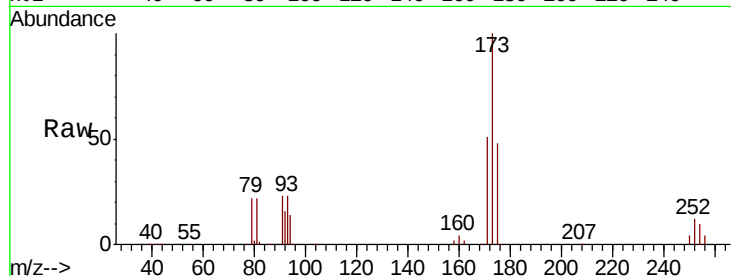
#71
Bromoform
Concen: 71.79 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.2	72.6
254	0.1	0.0	0.0

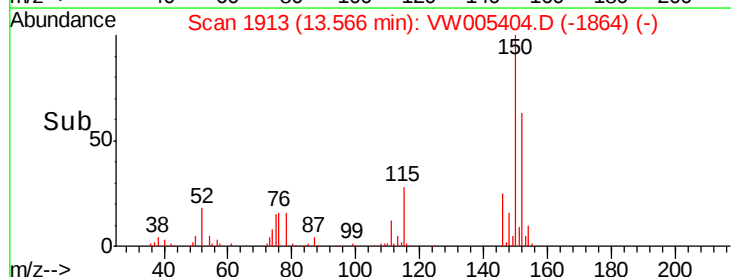
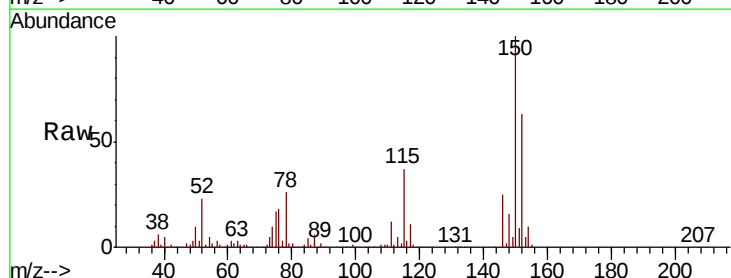
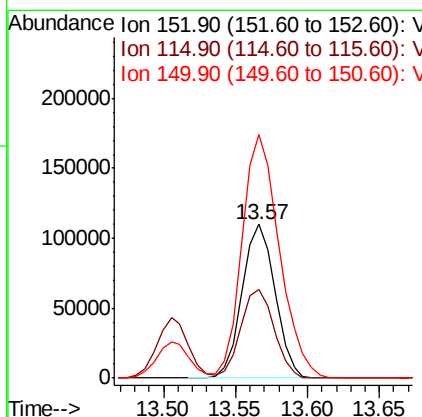
Manual Integrations
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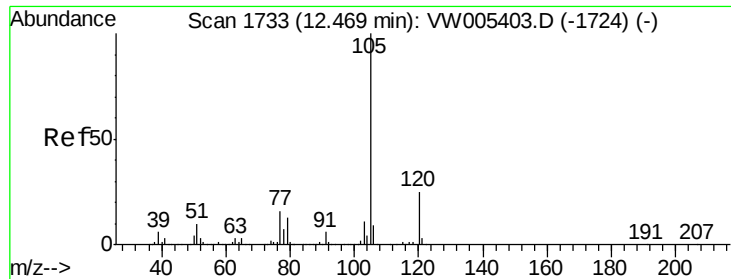
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.2	29.5	88.5
150	180.0	0.0	345.6





#73

Isopropylbenzene

Concen: 73.06 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion:105 Resp: 890811

Ion Ratio Lower Upper

105 100

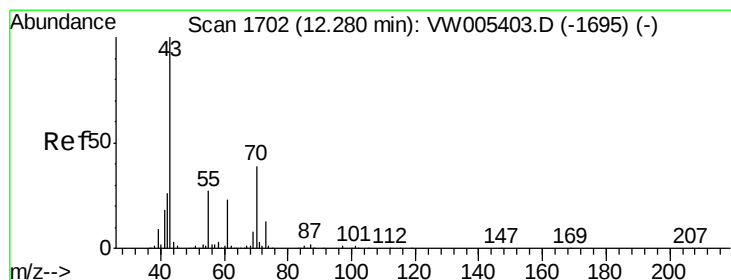
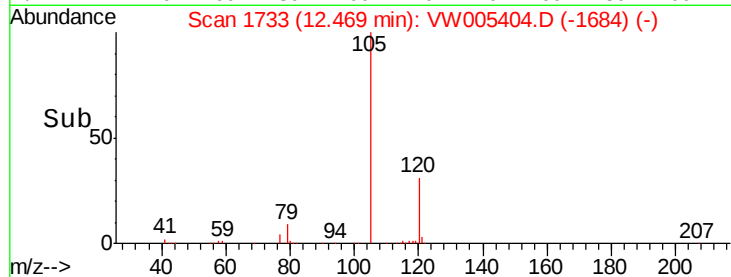
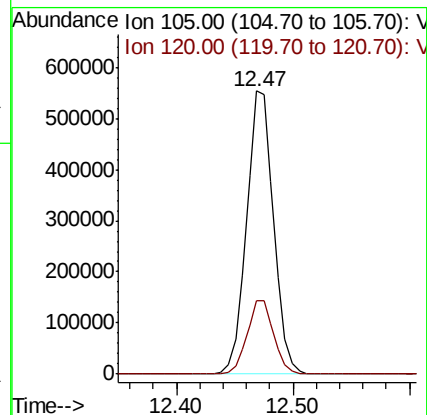
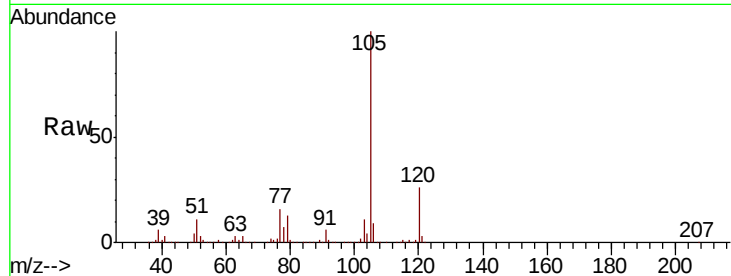
120 25.8 12.9 38.6

Manual Integrations

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#74

N-ethyl acetate

Concen: 80.77 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

Tgt Ion: 43 Resp: 191302

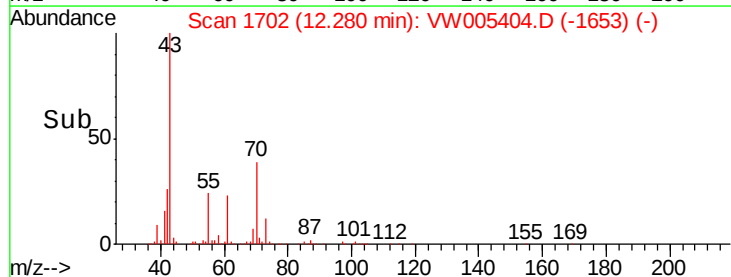
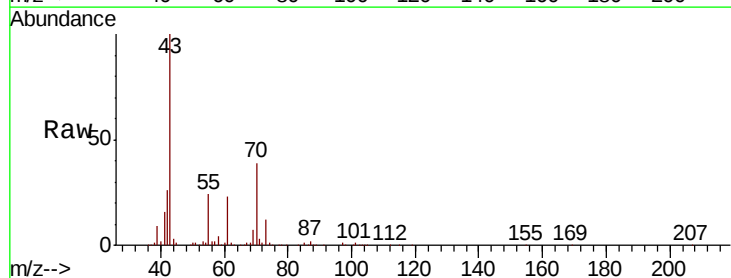
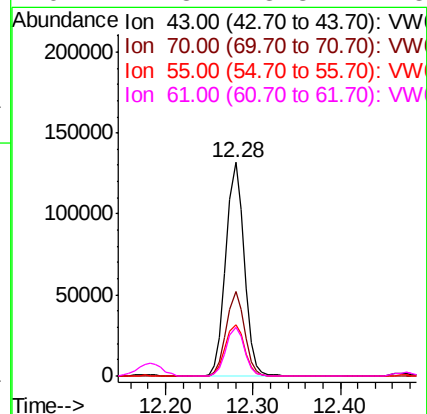
Ion Ratio Lower Upper

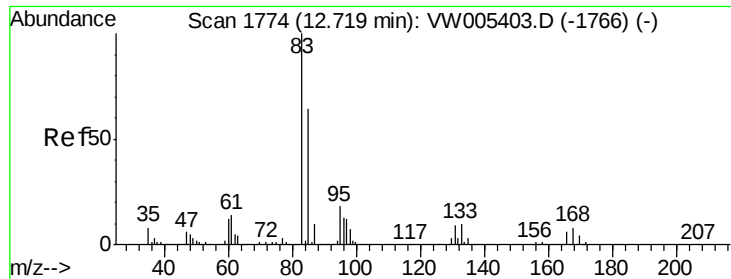
43 100

70 39.4 31.9 47.9

55 25.5 21.4 32.0

61 22.8 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 67.77 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

Instrument :

MSVOA_W

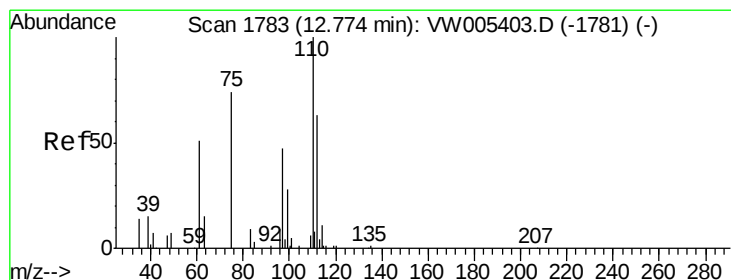
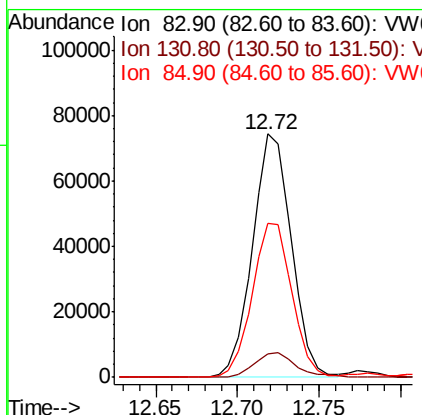
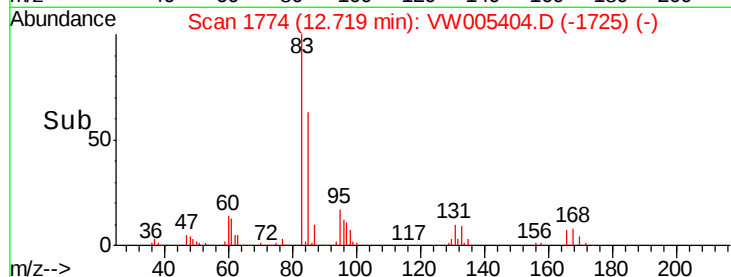
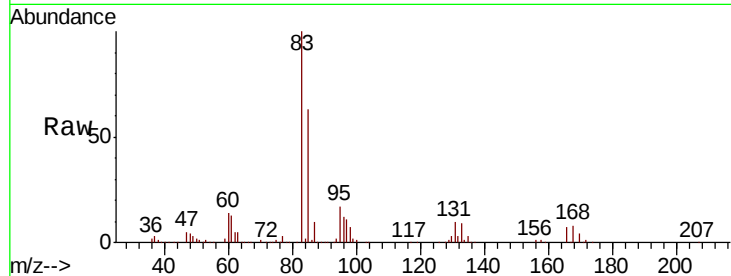
ClientSampled :

VSTDIC075

Tot Ion:	83	Resp:	123617
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.7	17.1
85	64.5	31.6	95.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 71.77 ug/l m

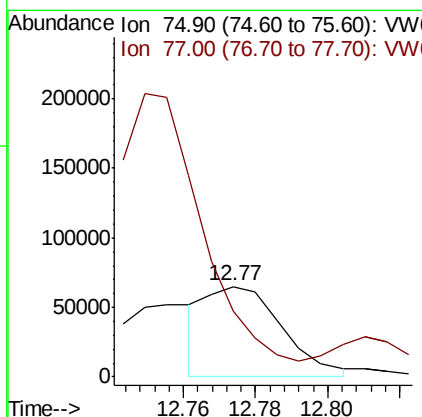
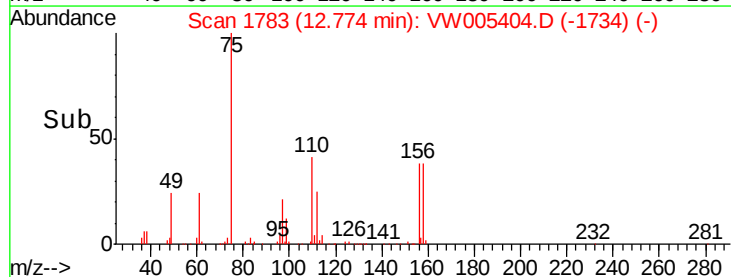
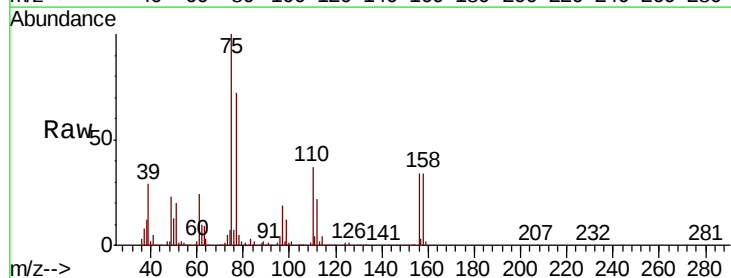
RT: 12.77 min Scan# 1783

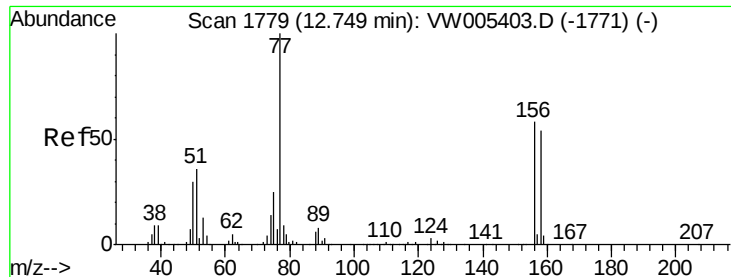
Delta R.T. -0.00 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

Tgt Ion:	75	Resp:	95647
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





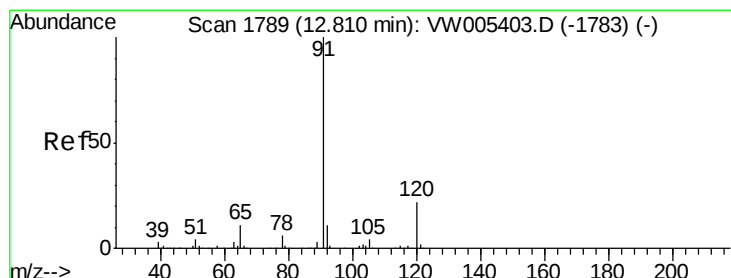
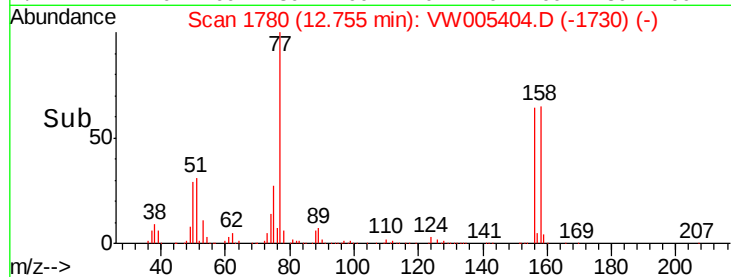
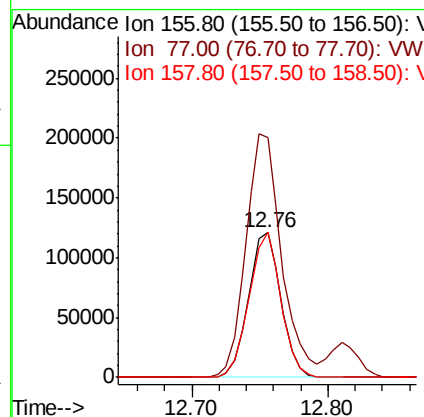
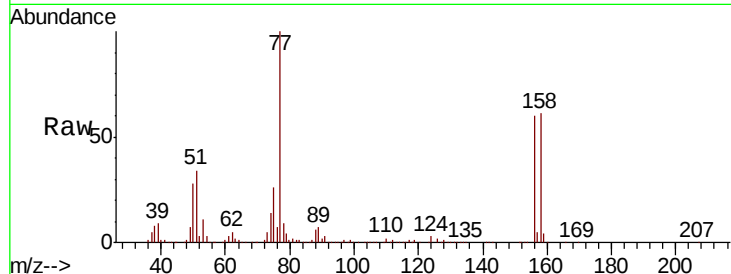
#77
Bromobenzene
Concen: 70.12 ug/l
RT: 12.76 min Scan# 1780
Delta R.T. 0.01 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
156	100		
77	184.8	92.8	278.3
158	97.8	48.2	144.6

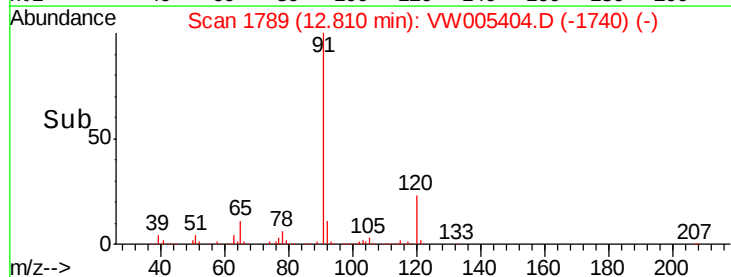
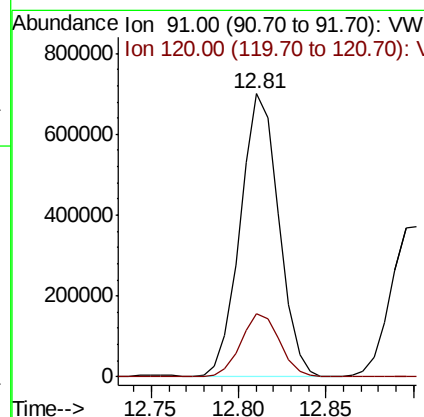
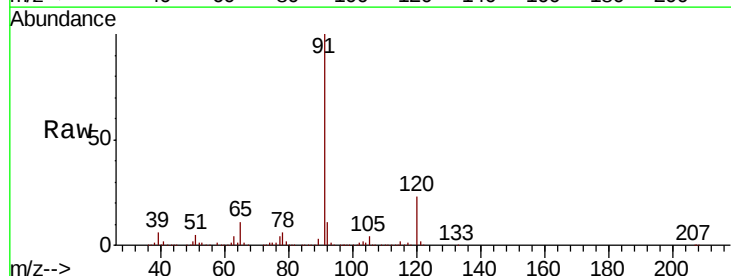
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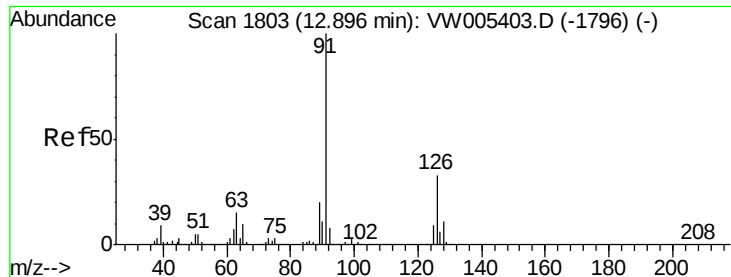
apatel
9/17/2018 2:24:00 PM



#78
n-propylbenzene
Concen: 72.59 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.3	33.8





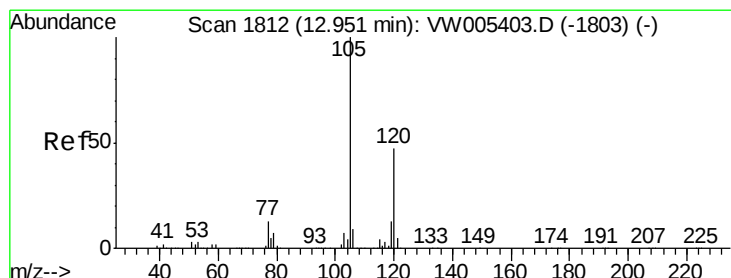
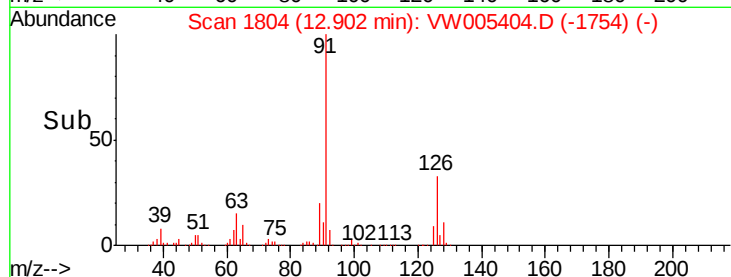
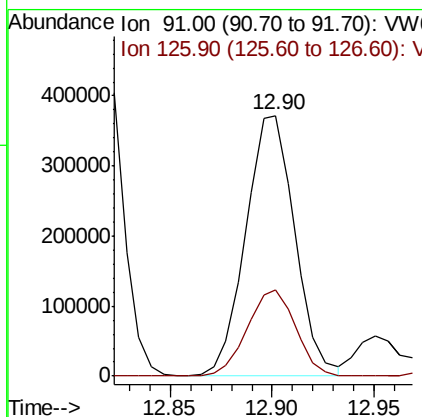
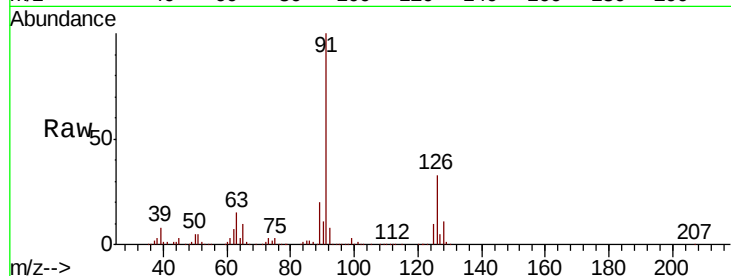
#79
 2-Chlorotoluene
 Concen: 73.51 ug/l
 RT: 12.90 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VW005404.D
 Acq: 15 Sep 2018 00:31

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC075

Tot Ion: 91 Resp: 622889
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.4 49.1

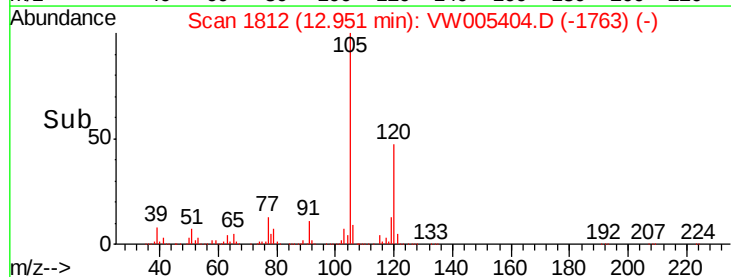
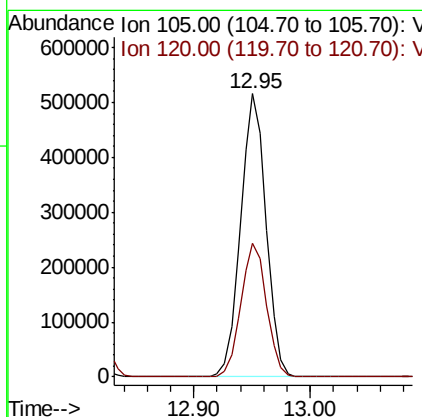
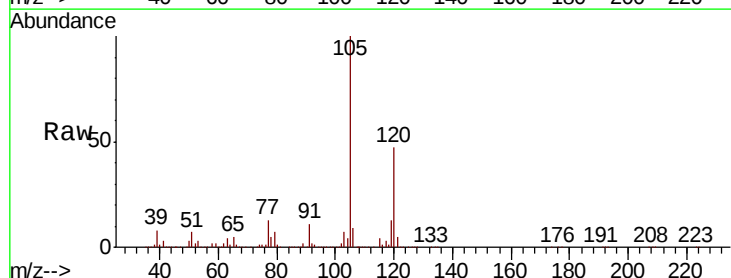
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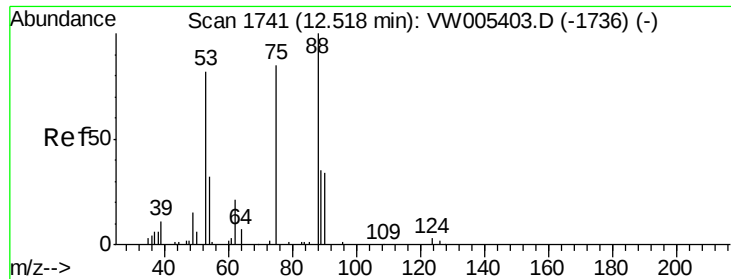
apatel
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#80
 1,3,5-Trimethylbenzene
 Concen: 74.60 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW005404.D
 Acq: 15 Sep 2018 00:31

Tgt Ion:105 Resp: 783721
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.5 70.5





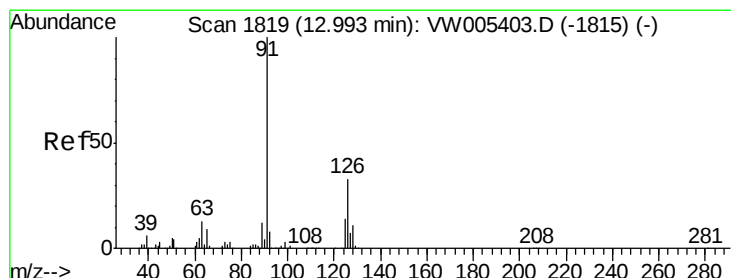
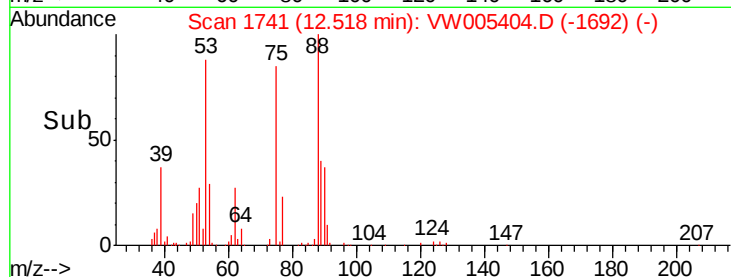
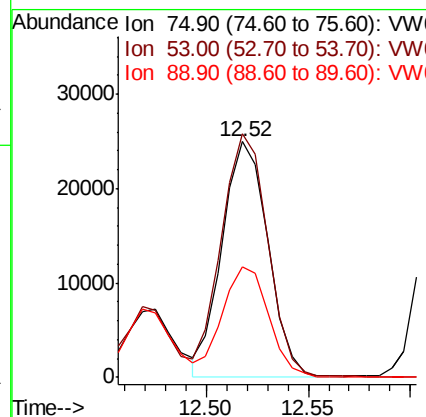
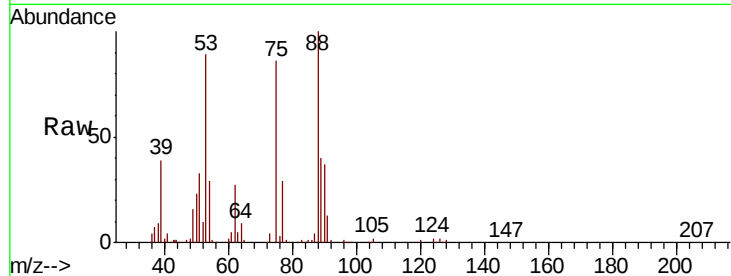
#81
trans-1,4-Dichloro-2-butene
Concen: 68.82 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.0	83.2	124.8
89	47.8	36.6	54.8

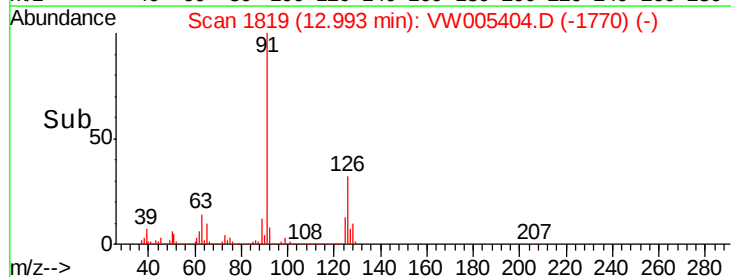
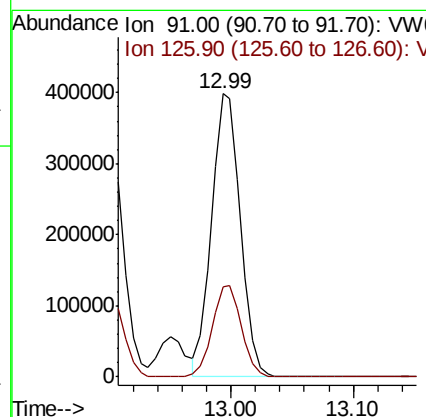
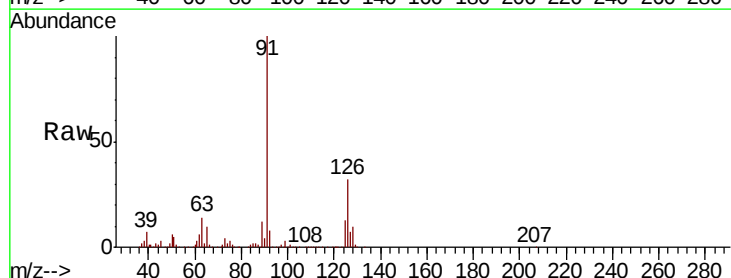
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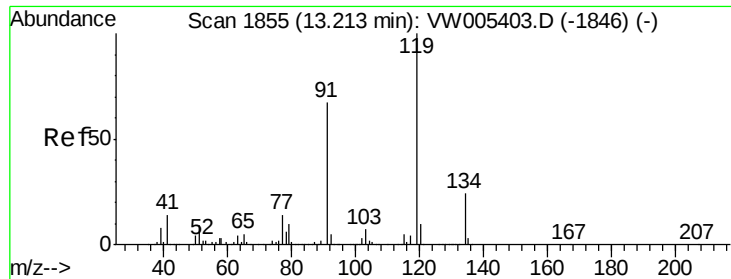
apatel
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#82
4-Chlorotoluene
Concen: 73.09 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.4	49.1





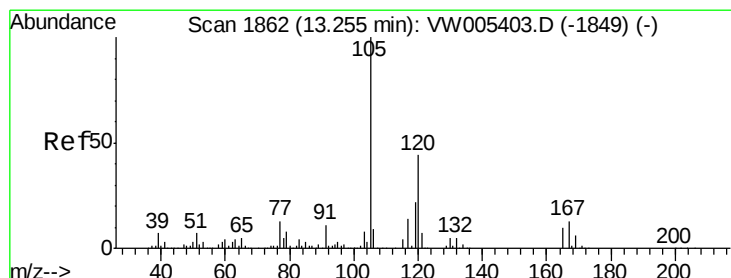
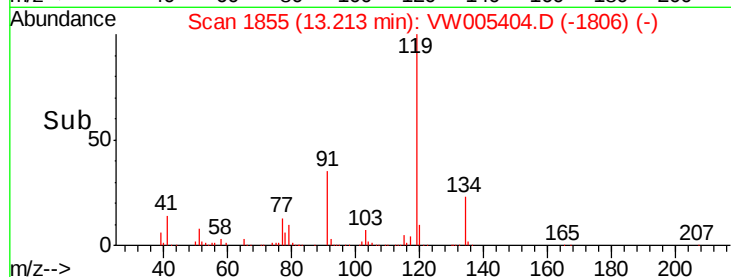
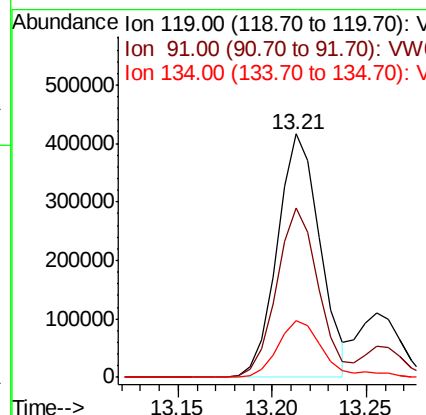
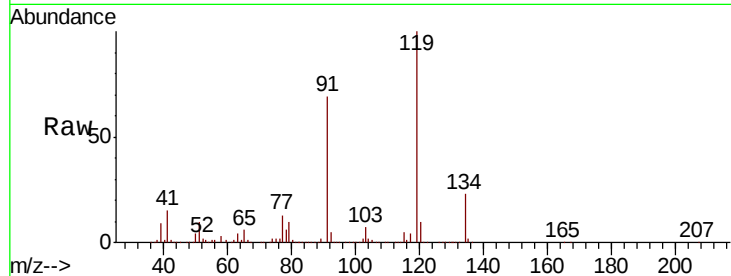
#83
tert-Butylbenzene
Concen: 71.56 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.8	34.4	103.2
134	25.0	12.7	38.0

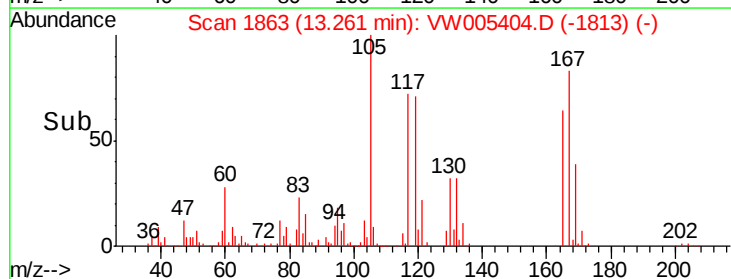
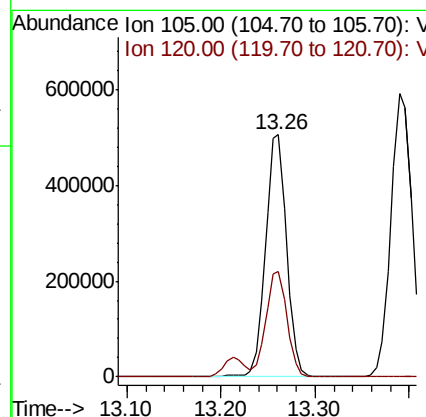
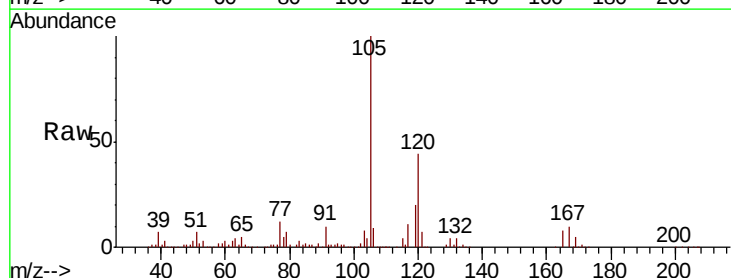
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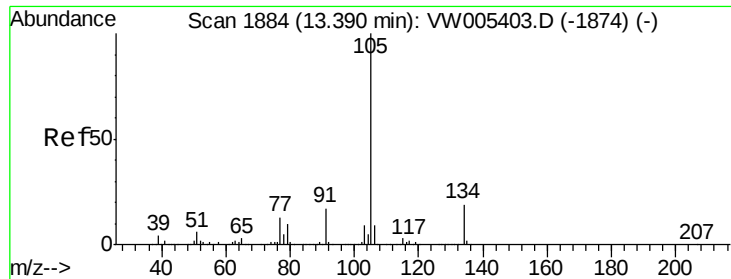
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#84
1,2,4-Trimethylbenzene
Concen: 75.28 ug/l
RT: 13.26 min Scan# 1863
Delta R.T. 0.01 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.5	21.8	65.3





#85

sec-Butylbenzene

Concen: 70.62 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion:105 Resp: 923499

Ion Ratio Lower Upper

105 100

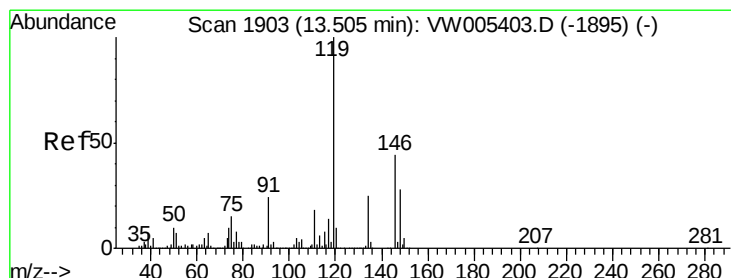
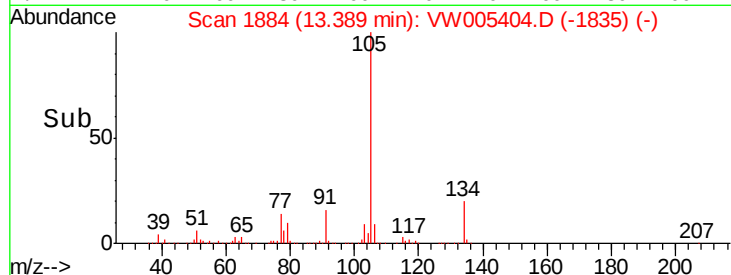
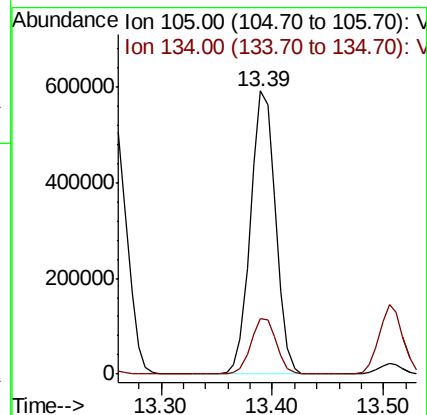
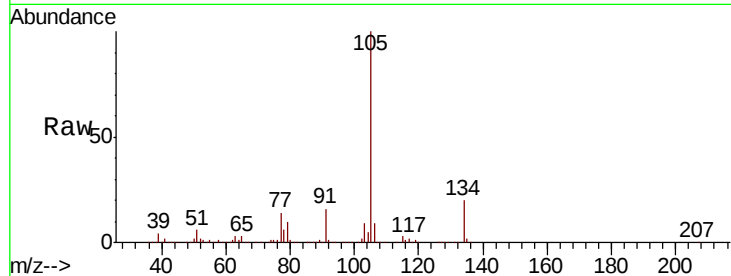
134 19.9 9.8 29.5

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 72.76 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

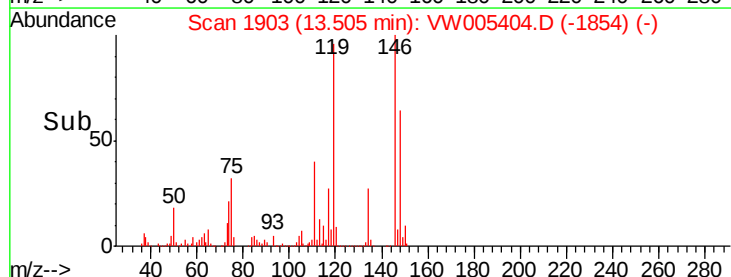
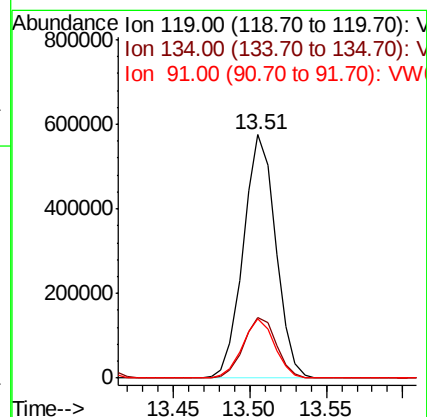
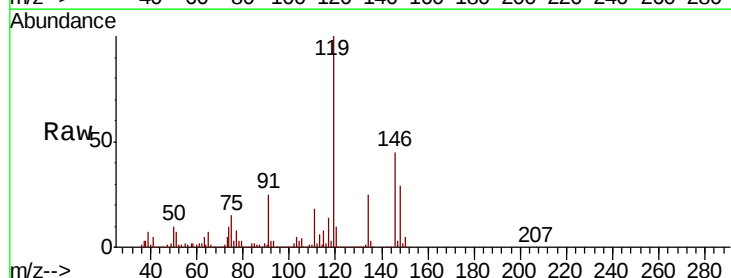
Tgt Ion:119 Resp: 844085

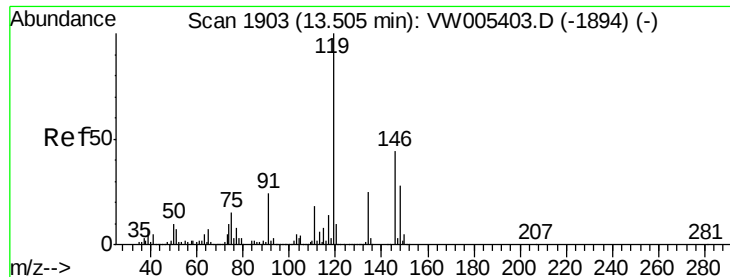
Ion Ratio Lower Upper

119 100

134 25.4 12.6 37.8

91 24.1 12.0 36.0





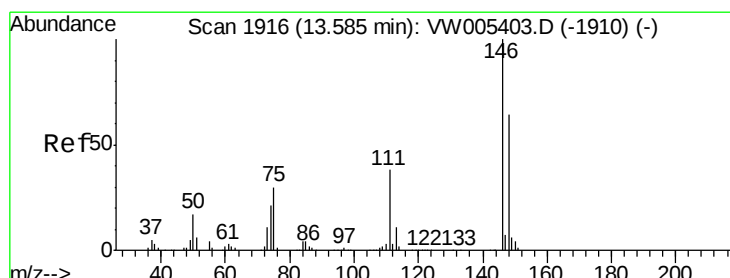
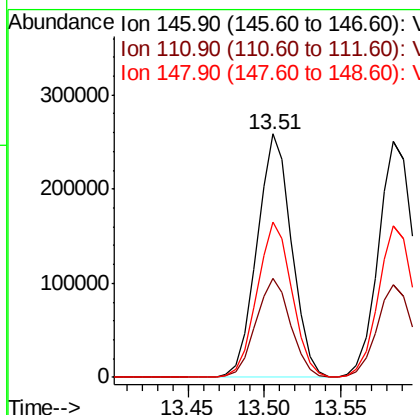
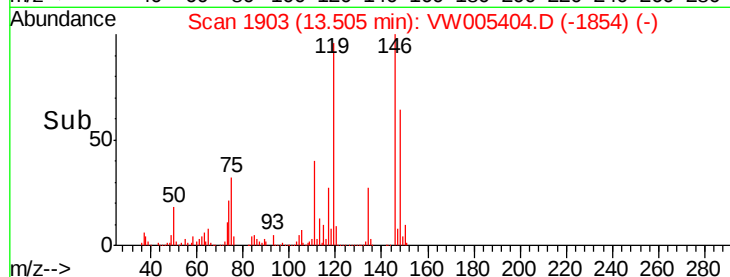
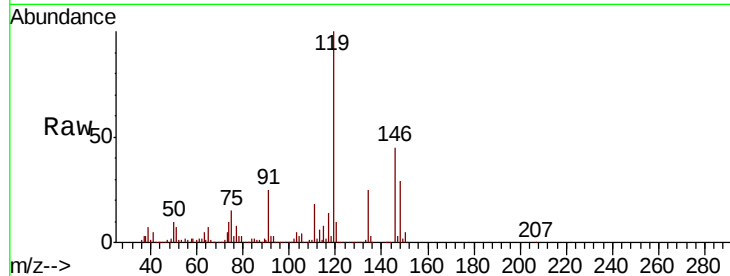
#87
 1,3-Dichlorobenzene
 Concen: 67.74 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005404.D
 Acq: 15 Sep 2018 00:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
146	100	407834		
111	40.6	20.4	61.2	
148	64.1	32.0	96.0	

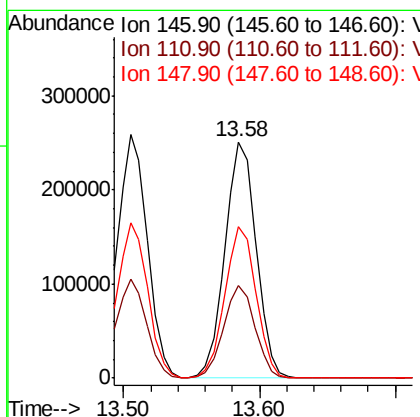
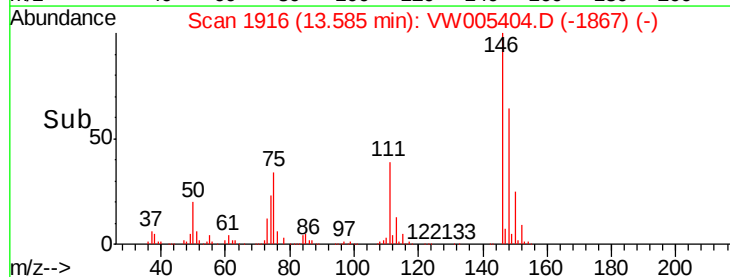
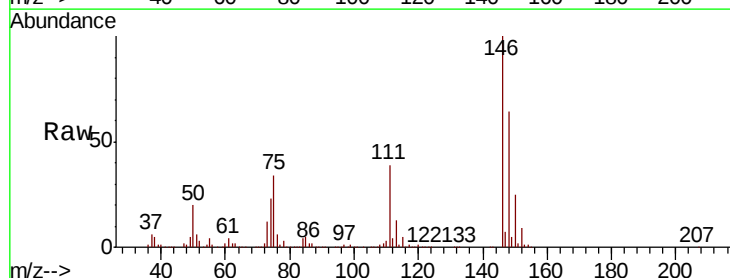
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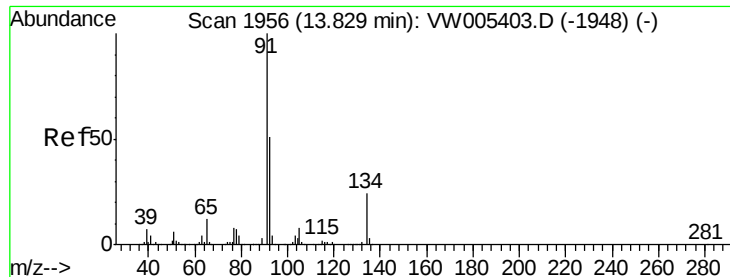
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#88
 1,4-Dichlorobenzene
 Concen: 67.18 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005404.D
 Acq: 15 Sep 2018 00:31

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	399756		
111	39.3	19.6	58.8	
148	64.1	31.8	95.4	





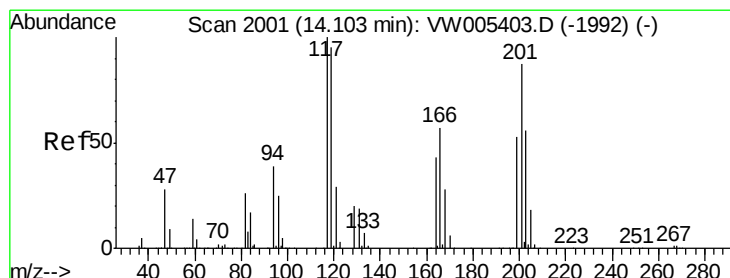
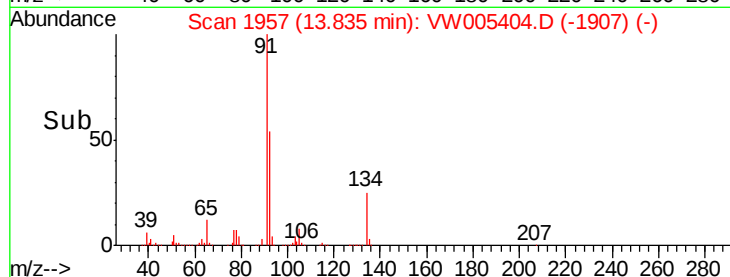
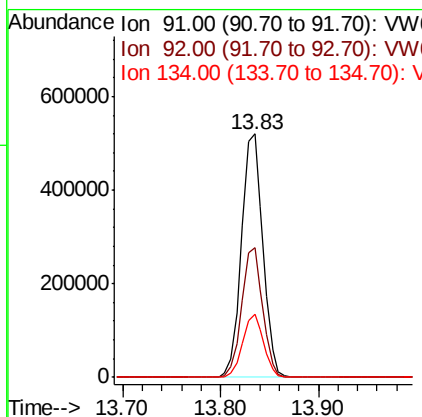
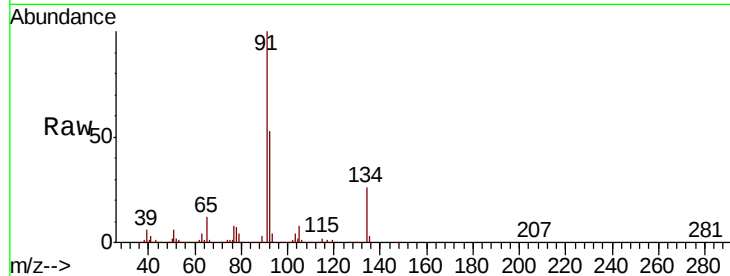
#89
n-Butylbenzene
Concen: 72.10 ug/l
RT: 13.83 min Scan# 1957
Delta R.T. 0.01 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.2	78.6
134	25.4	12.7	38.1

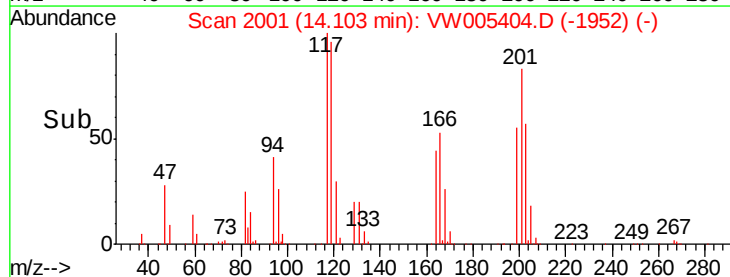
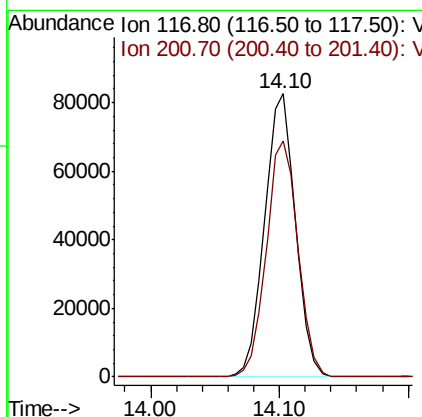
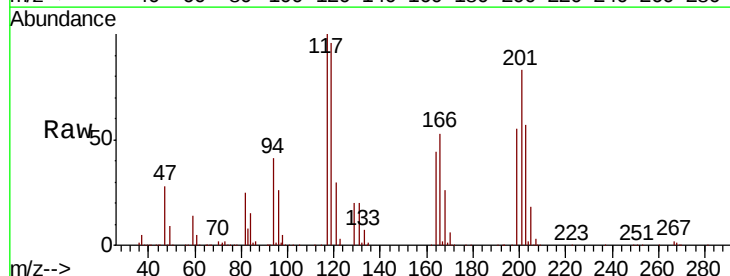
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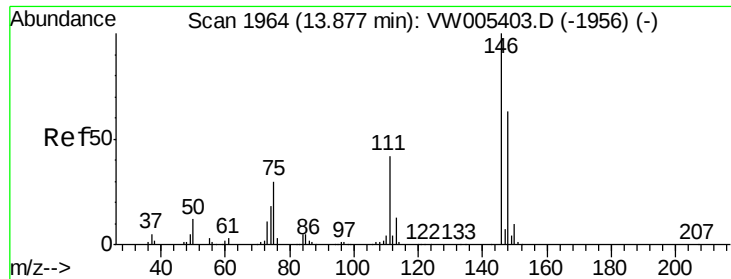
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#90
Hexachloroethane
Concen: 73.19 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. -0.00 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.5	42.5	127.5





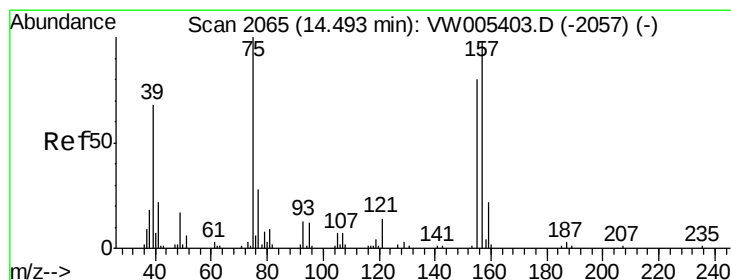
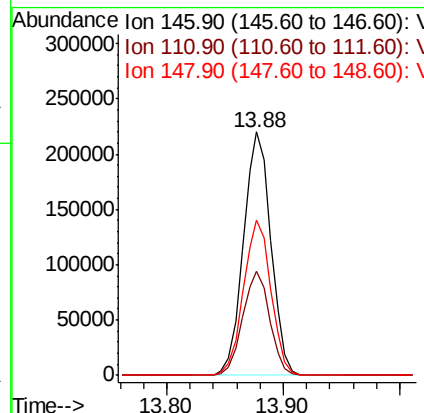
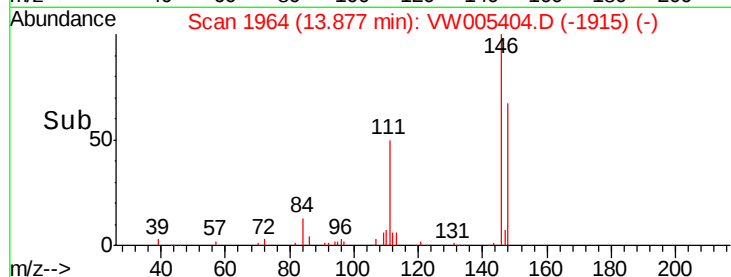
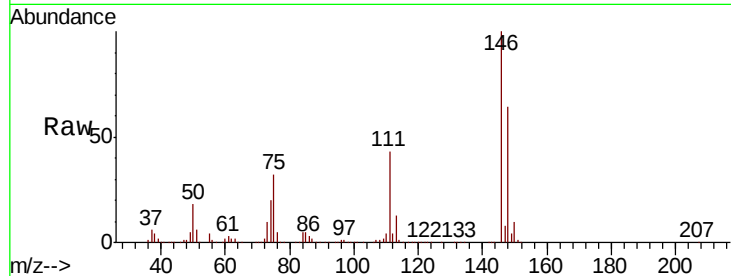
#91
 1,2-Dichlorobenzene
 Concen: 67.89 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005404.D
 Acq: 15 Sep 2018 00:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

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

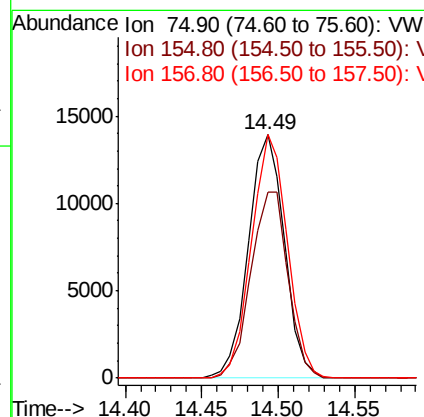
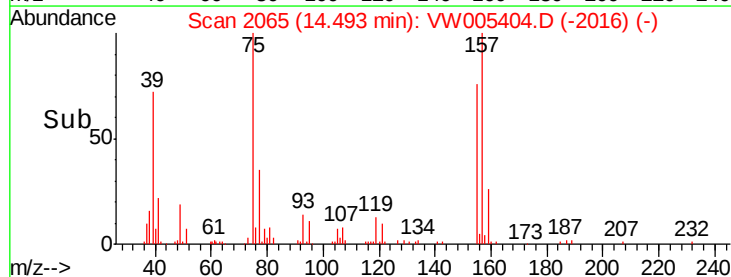
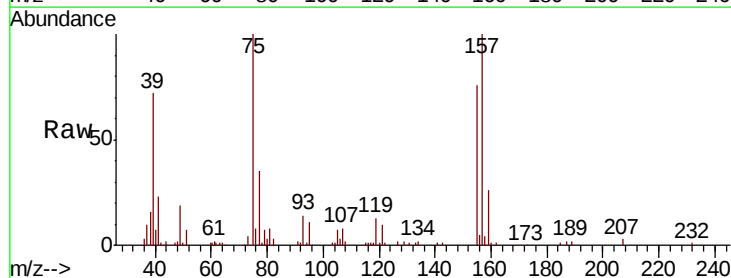
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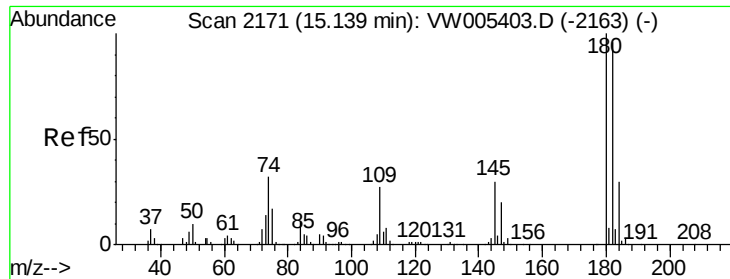
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 73.45 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005404.D
 Acq: 15 Sep 2018 00:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.1	39.0	117.0
157	99.9	49.9	149.6





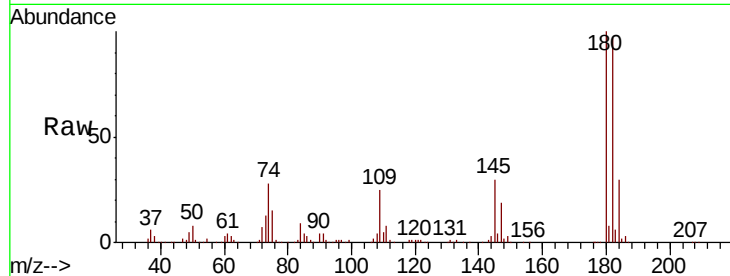
#93
 1,2,4-Trichlorobenzene
 Concen: 67.05 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VW005404.D
 Acq: 15 Sep 2018 00:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
180	100	250877		
182	95.1	47.3	141.9	
145	30.3	14.8	44.3	

Manual Integrations
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apatel
 9/17/2018 2:24:00 PM

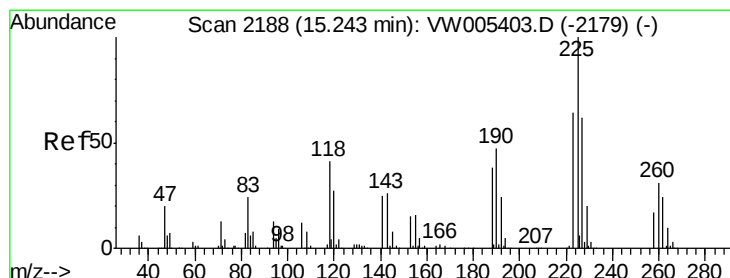
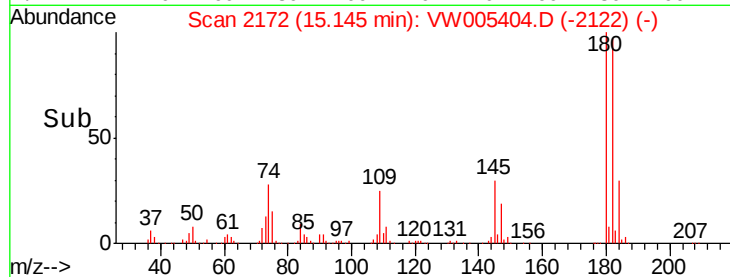
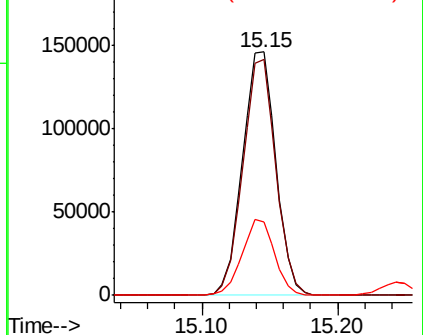


Abundance

Ion 179.80 (179.50 to 180.50): V

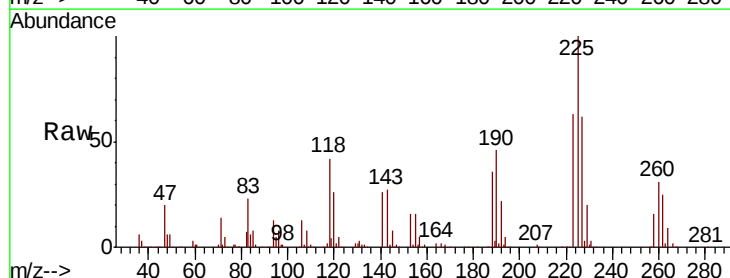
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 66.64 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW005404.D
 Acq: 15 Sep 2018 00:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	159622		
223	62.8	31.2	93.6	
227	63.5	31.6	95.0	

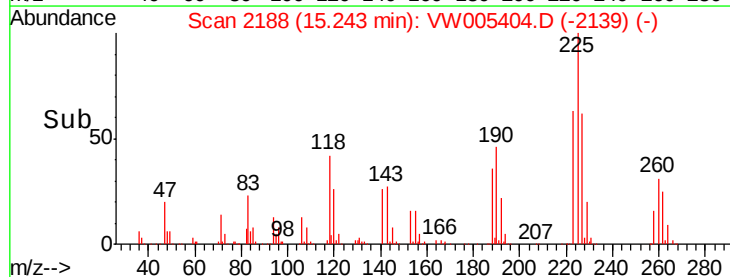
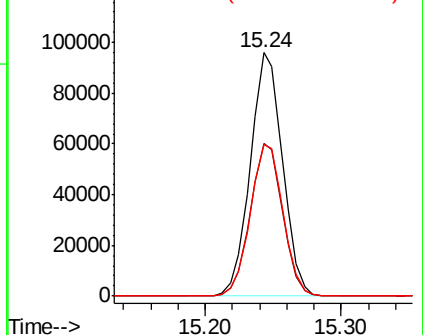


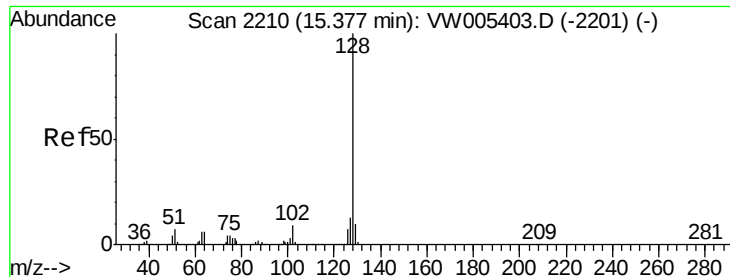
Abundance

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





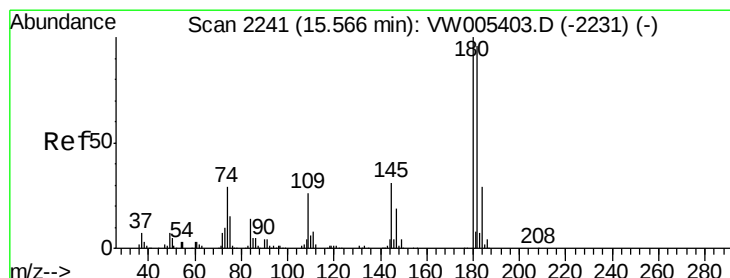
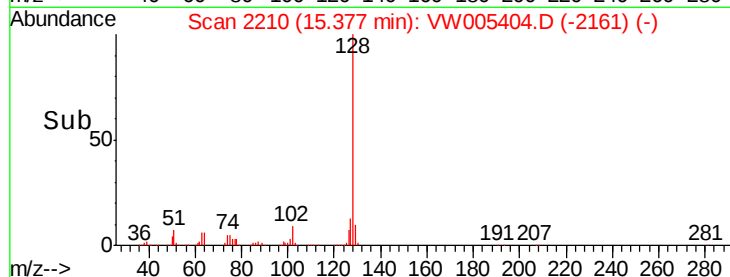
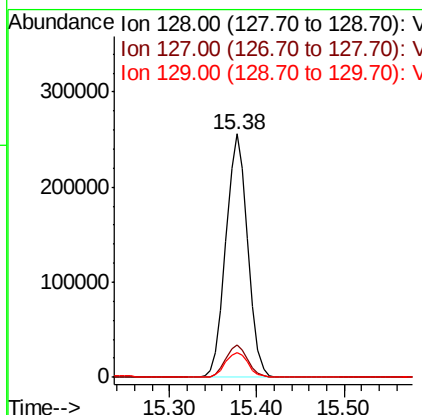
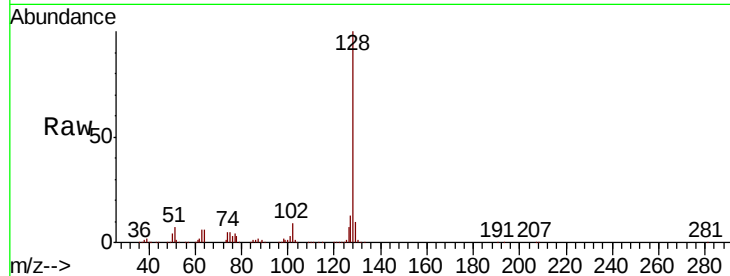
#95
Naphthalene
Concen: 72.83 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	11.0	16.4
129	10.8	8.7	13.1

Manual Integrations
APPROVED

apatel
9/17/2018 2:24:00 PM



#96
1,2,3-Trichlorobenzene
Concen: 68.10 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	48.1	144.4
145	31.9	15.9	47.7

