

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112118\
 Data File : VW006977.D
 Acq On : 20 Nov 2018 15:30
 Operator : SY/AP
 Sample : VSTDIC075
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Manual Integrations
 APPROVED

MMDadoda
 11/21/2018 11:32:35 AM

Quant Time: Nov 21 03:17:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 02:56:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	117517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	181773	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	172650	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	85935	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	81812	71.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	142.22%	
35) Dibromofluoromethane	7.88	113	76429	74.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	148.90%	
50) Toluene-d8	10.32	98	344344	75.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	151.92%	
62) 4-Bromofluorobenzene	12.62	95	131962	73.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	147.96%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.00	85	79112	68.18	ug/l	98
3) Chloromethane	2.21	50	70145	72.54	ug/l	96
4) Vinyl Chloride	2.36	62	69285	72.83	ug/l	98
5) Bromomethane	2.78	94	35623	70.15	ug/l	93
6) Chloroethane	2.92	64	39336	75.01	ug/l	100
7) Trichlorofluoromethane	3.26	101	132279	70.71	ug/l	96
8) Diethyl Ether	3.69	74	40777	67.65	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	80492	66.37	ug/l	99
10) Methyl Iodide	4.28	142	109909	79.17	ug/l	99
11) Tert butyl alcohol	5.21	59	25458	344.86	ug/l #	87
12) 1,1-Dichloroethene	4.04	96	75062	70.57	ug/l	93
13) Acrolein	3.90	56	24286	315.74	ug/l	98
14) Allyl chloride	4.68	41	125547	71.16	ug/l	99
15) Acrylonitrile	5.38	53	83160	367.06	ug/l	99
16) Acetone	4.14	43	59233	354.60	ug/l	100
17) Carbon Disulfide	4.38	76	260019	75.61	ug/l	99
18) Methyl Acetate	4.68	43	40312	67.77	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	195433	70.37	ug/l	100
20) Methylene Chloride	4.92	84	90914	55.07	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	85240	68.79	ug/l	98
22) Diisopropyl ether	6.32	45	242249	70.55	ug/l	99
23) Vinyl Acetate	6.26	43	658280	360.99	ug/l	100
24) 1,1-Dichloroethane	6.22	63	145807	69.80	ug/l	99
25) 2-Butanone	7.18	43	99782	348.77	ug/l	100
26) 2,2-Dichloropropane	7.17	77	126896	67.55	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	91765	69.54	ug/l	99
28) Bromochloromethane	7.52	49	56648	72.55	ug/l #	98
29) Tetrahydrofuran	7.54	42	64315	347.10	ug/l	99
30) Chloroform	7.68	83	149671	67.44	ug/l	100
31) Cyclohexane	7.96	56	145574	65.70	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	137731	68.90	ug/l	99
36) 1,1-Dichloropropene	8.09	75	126602	71.27	ug/l	99
37) Ethyl Acetate	7.26	43	44333	68.87	ug/l	99
38) Carbon Tetrachloride	8.07	117	121389	71.36	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	162001	72.88	ug/l	98
40) Benzene	8.33	78	350236	73.04	ug/l	99
41) Methacrylonitrile	7.49	41	31435	78.64	ug/l #	88
42) 1,2-Dichloroethane	8.40	62	95805	68.82	ug/l	99
43) Isopropyl Acetate	8.43	43	89451	72.92	ug/l	99
44) Trichloroethene	9.09	130	95457	71.02	ug/l	96
45) 1,2-Dichloropropane	9.37	63	85183	72.07	ug/l	99
46) Dibromomethane	9.46	93	42285	71.44	ug/l	98
47) Bromodichloromethane	9.65	83	109640	70.30	ug/l	98
48) Methyl methacrylate	9.44	41	44315	74.92	ug/l	98
49) 1,4-Dioxane	9.48	88	13386	1521.55	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	222225	358.49	ug/l	99
52) Toluene	10.39	92	241241	73.93	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	112835	74.69	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	135121	74.03	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	61357	70.46	ug/l	97
56) Ethyl methacrylate	10.65	69	77216	76.39	ug/l	99
57) 1,3-Dichloropropane	10.93	76	104545	71.64	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	183912	348.17	ug/l	99
59) 2-Hexanone	10.97	43	159865	376.60	ug/l	99
60) Dibromochloromethane	11.13	129	74088	74.66	ug/l	100
61) 1,2-Dibromoethane	11.24	107	58442	73.36	ug/l	99
64) Tetrachloroethene	10.87	164	80928	72.86	ug/l	98
65) Chlorobenzene	11.66	112	264692	73.45	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	79726	73.14	ug/l	98
67) Ethyl Benzene	11.73	91	487013	73.57	ug/l	98
68) m/p-Xylenes	11.84	106	378888	145.89	ug/l	100
69) o-Xylene	12.17	106	180435	73.68	ug/l	99
70) Styrene	12.18	104	290855	74.62	ug/l	100
71) Bromoform	12.35	173	38589	75.15	ug/l #	100
73) Isopropylbenzene	12.47	105	496287	74.31	ug/l	99
74) N-amyl acetate	12.27	43	84398	75.40	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	63918	71.91	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	50262m	45.19	ug/l	
77) Bromobenzene	12.75	156	104456	72.82	ug/l	99
78) n-propylbenzene	12.81	91	591628	73.13	ug/l	99
79) 2-Chlorotoluene	12.90	91	338110	72.48	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	425095	73.60	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	20318	75.54	ug/l	98
82) 4-Chlorotoluene	12.99	91	356779	72.89	ug/l	100
83) tert-Butylbenzene	13.21	119	365472	73.09	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	422887	73.49	ug/l	99
85) sec-Butylbenzene	13.39	105	514698	72.86	ug/l	99
86) p-Isopropyltoluene	13.51	119	457687	73.44	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	210880	72.01	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	213206	73.02	ug/l	99
89) n-Butylbenzene	13.83	91	437538	74.61	ug/l	100
90) Hexachloroethane	14.10	117	68314	75.08	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	189296	73.77	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	11428	76.13	ug/l	96

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ALS Vial : 7 Sample Multiplier: 1

Instrument :
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VSTDICC075

Manual Integrations
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QLast Update : Wed Nov 21 02:56:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	123687	73.10	ug/l	99
94) Hexachlorobutadiene	15.24	225	66240	72.01	ug/l	99
95) Naphthalene	15.37	128	227189	73.97	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	103437	73.68	ug/l	99

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

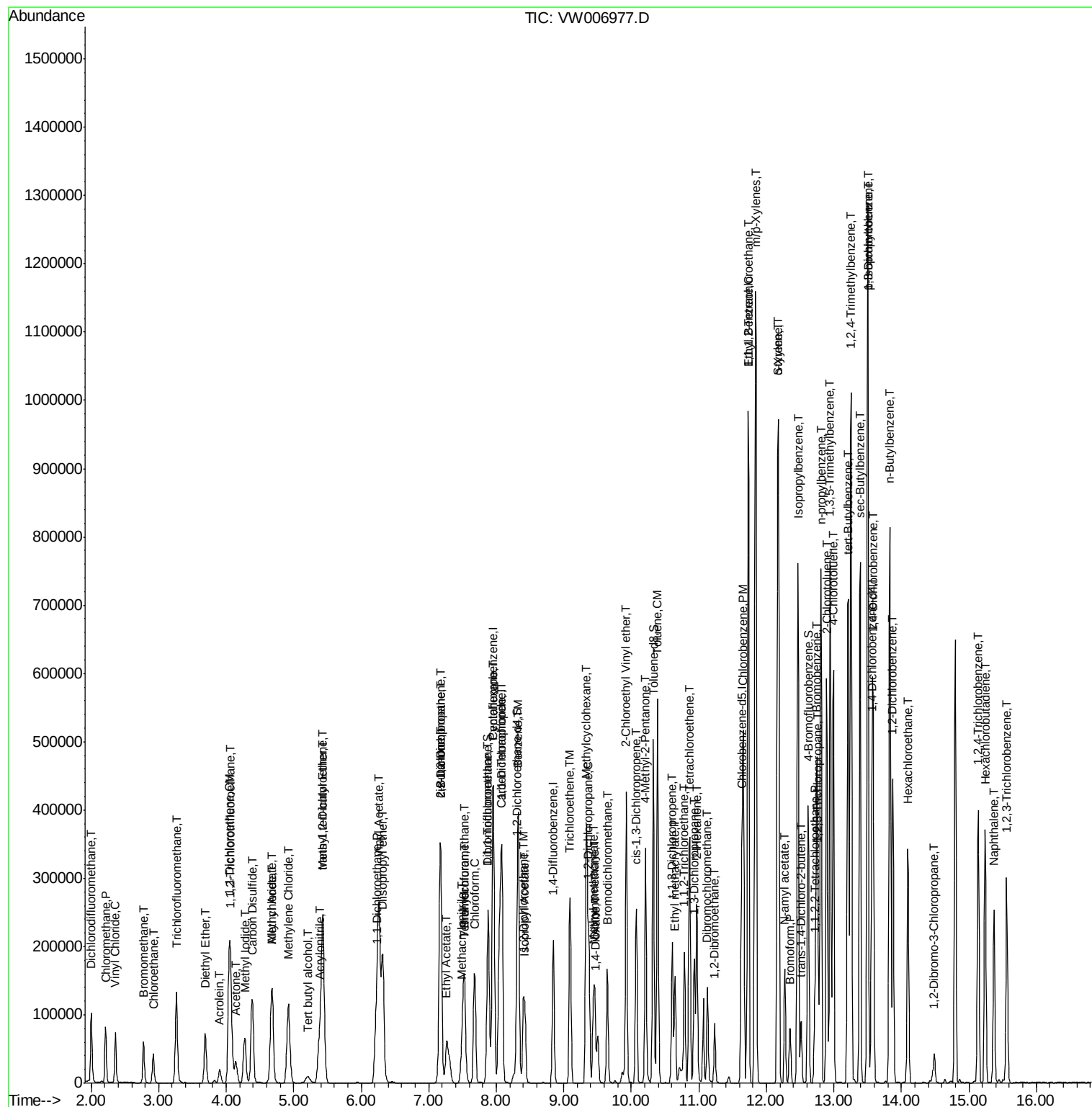
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW112118\
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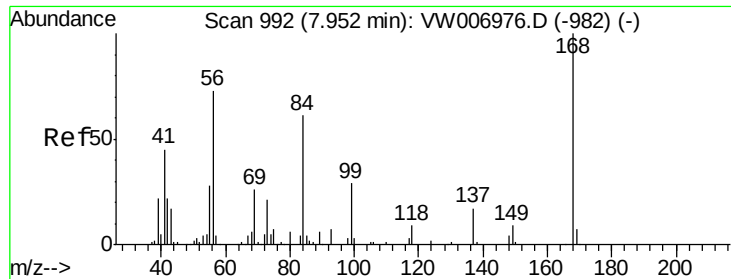
Instrument :
 MSVOA_W
 Client Sampled :
 VSTDIC075

Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tgt Ion: 168 Resp: 117517

Ion Ratio Lower Upper

168 100

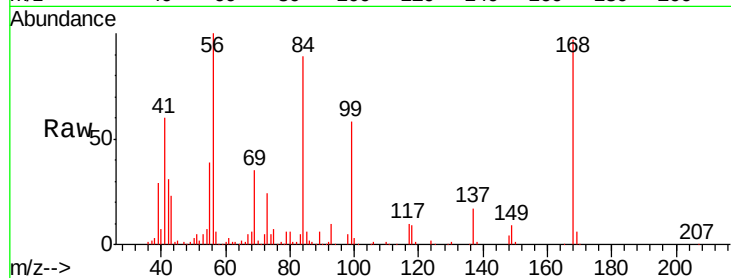
99 59.7 48.2 72.4

Manual Integrations

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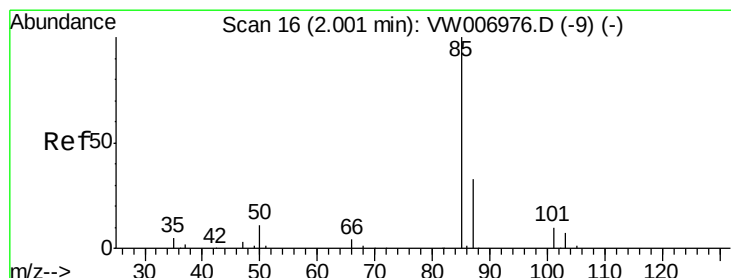
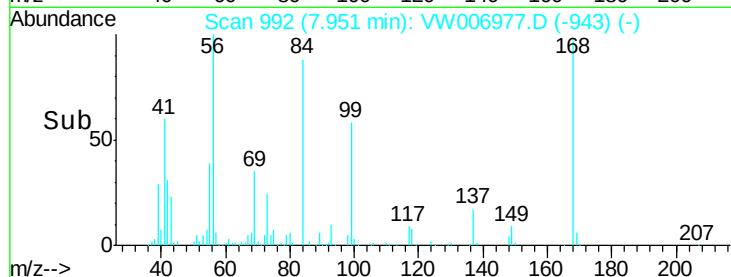
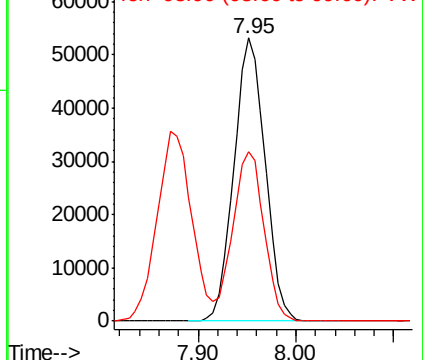
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11/21/2018 11:32:35 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 68.18 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW006977.D

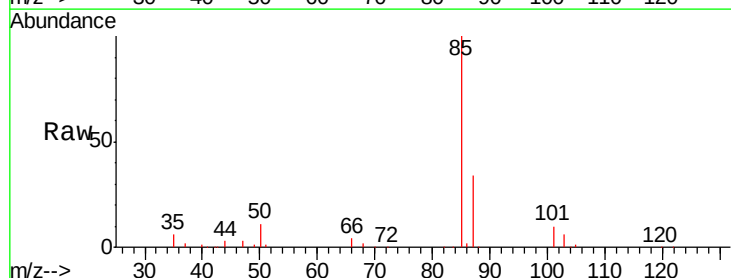
Acq: 20 Nov 2018 15:30

Tgt Ion: 85 Resp: 79112

Ion Ratio Lower Upper

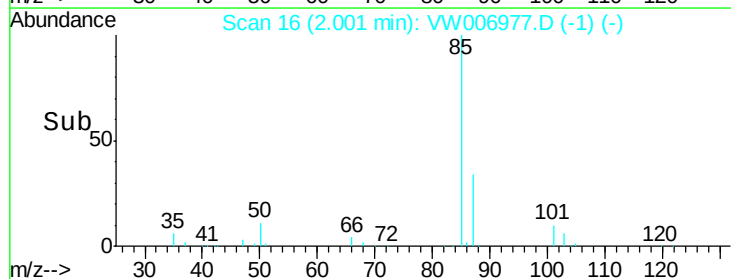
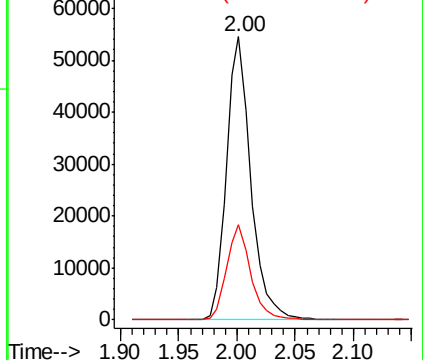
85 100

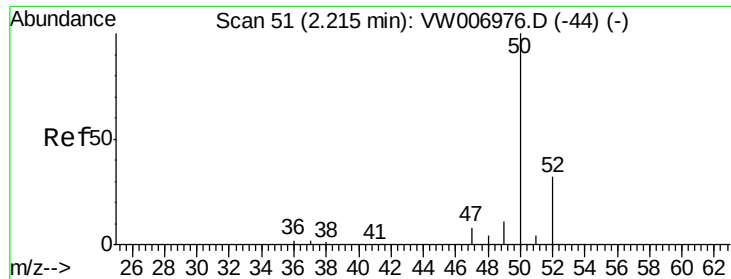
87 33.7 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 72.54 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tgt Ion: 50 Resp: 70145

Ion Ratio Lower Upper

50 100

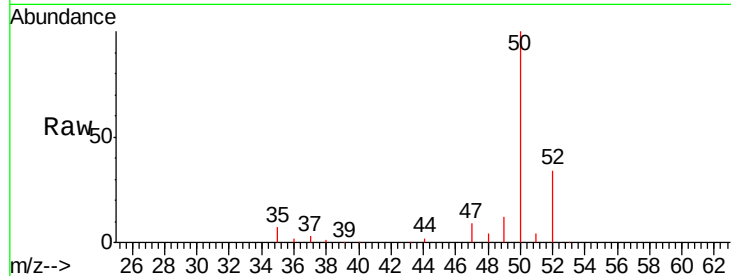
52 34.2 25.7 38.5

Manual Integrations

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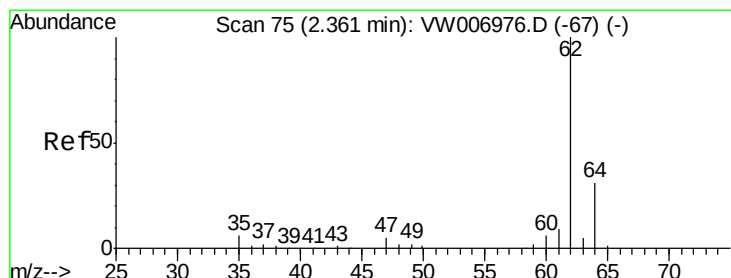
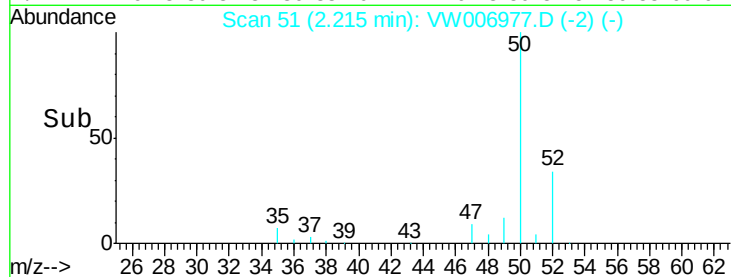
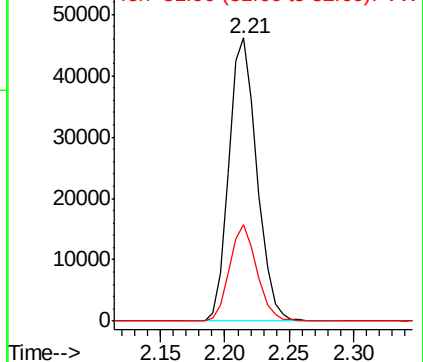
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 72.83 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW006977.D

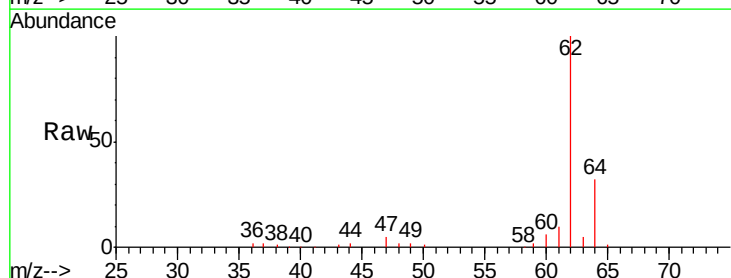
Acq: 20 Nov 2018 15:30

Tgt Ion: 62 Resp: 69285

Ion Ratio Lower Upper

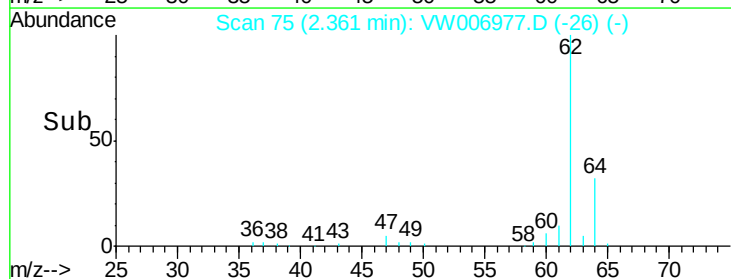
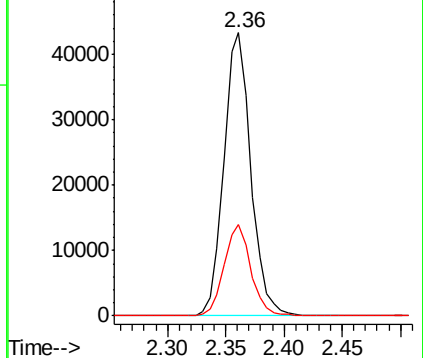
62 100

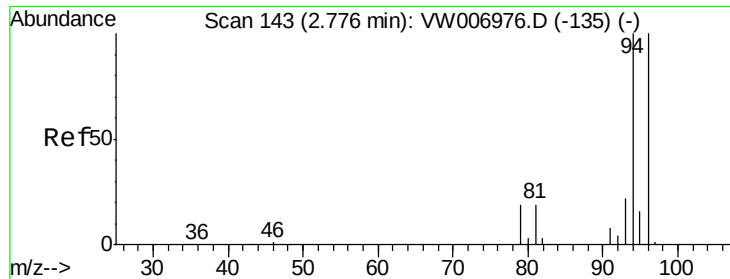
64 32.4 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 70.15 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tgt Ion: 94 Resp: 35623

Ion Ratio Lower Upper

94 100

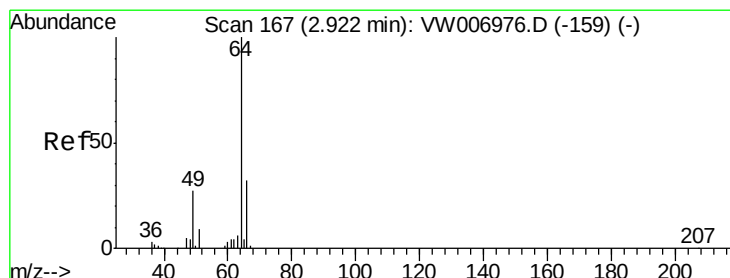
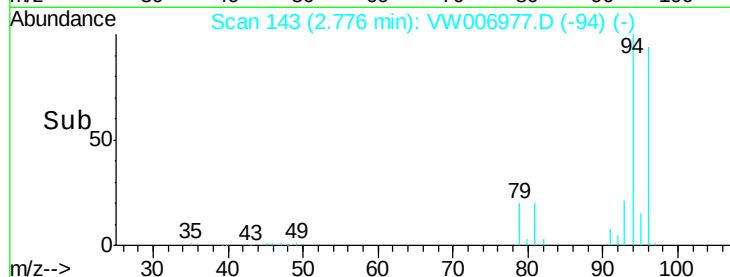
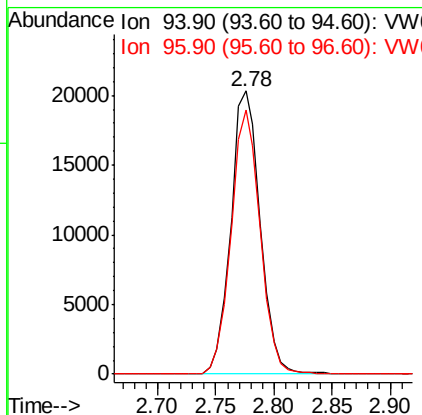
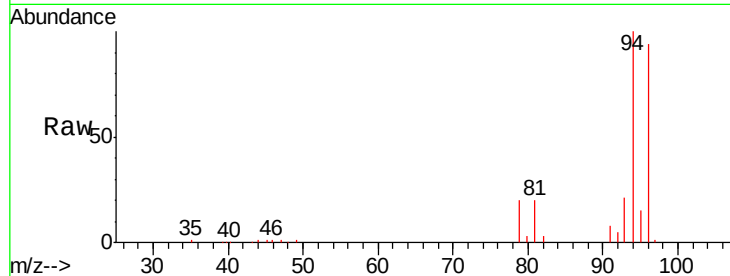
96 93.5 80.2 120.2

Manual Integrations

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#6

Chloroethane

Concen: 75.01 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW006977.D

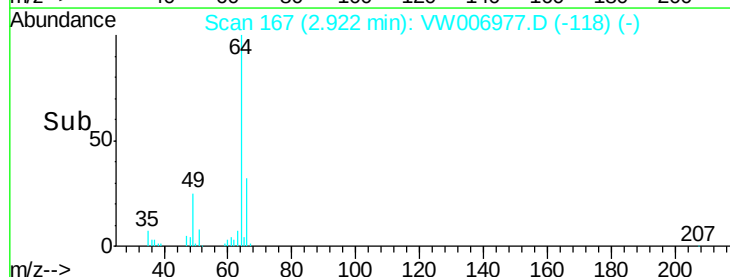
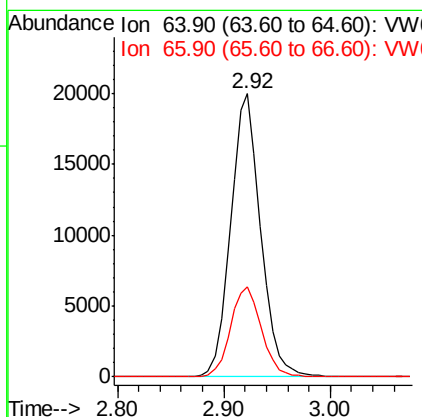
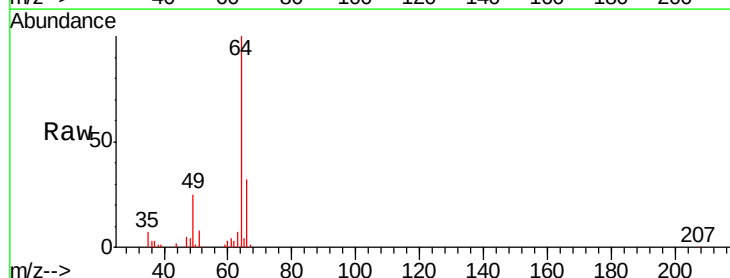
Acq: 20 Nov 2018 15:30

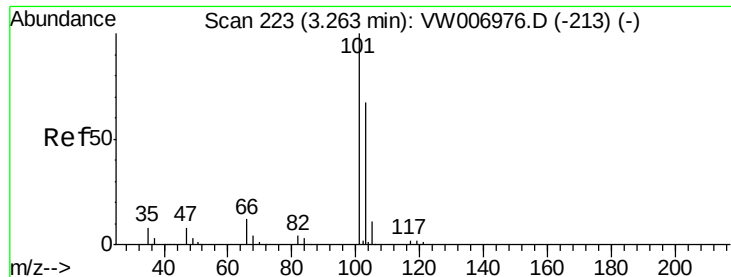
Tgt Ion: 64 Resp: 39336

Ion Ratio Lower Upper

64 100

66 31.8 25.3 37.9





#7

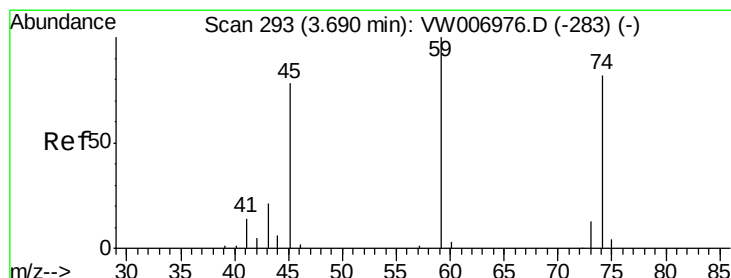
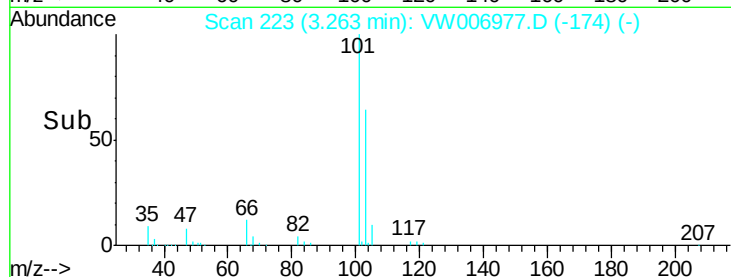
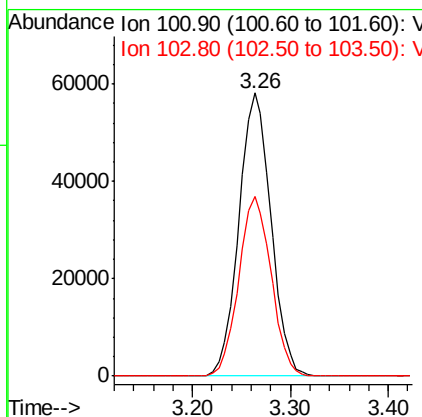
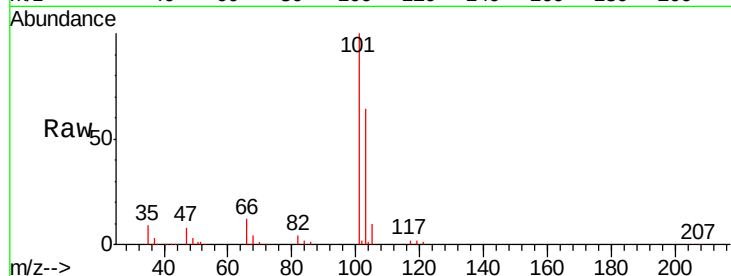
Trichlorofluoromethane
Concen: 70.71 ug/l
RT: 3.26 min Scan# 223
Delta R.T. -0.00 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion	Ratio	Lower	Upper
101	100		
103	63.7	53.4	80.2

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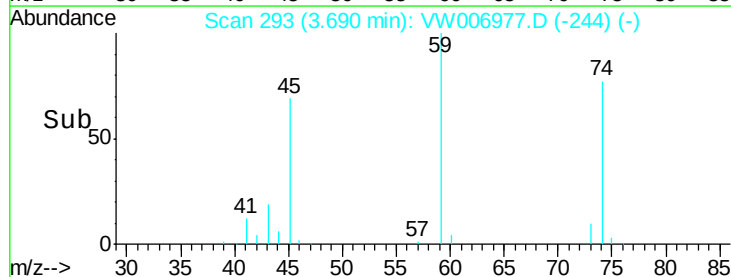
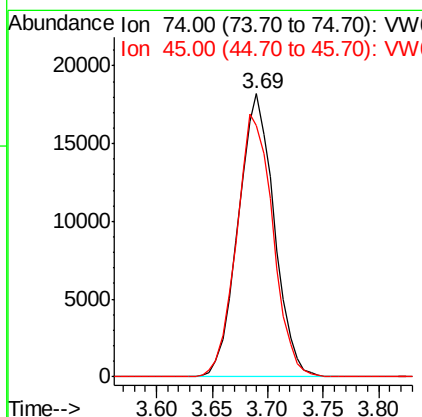
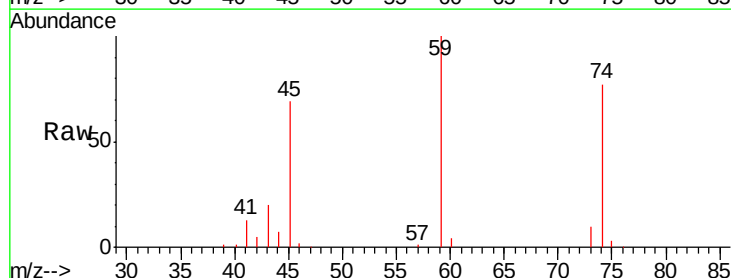
MMDadoda
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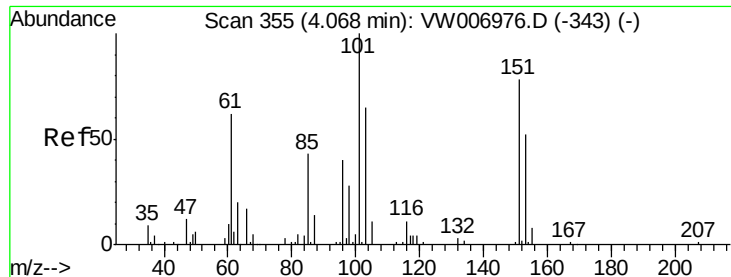


#8

Diethyl Ether
Concen: 67.65 ug/l
RT: 3.69 min Scan# 293
Delta R.T. -0.00 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.3	48.4	145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 66.37 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

Instrument :

MSVOA_W

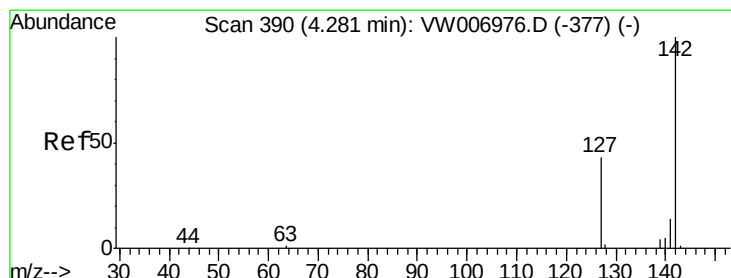
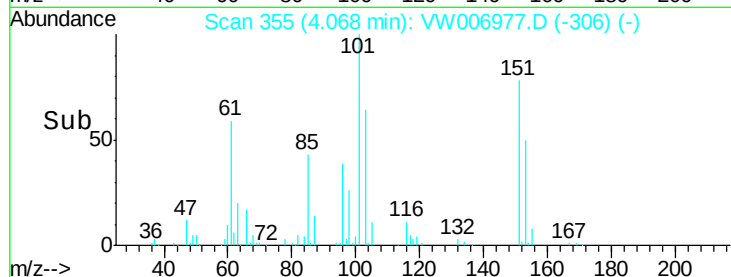
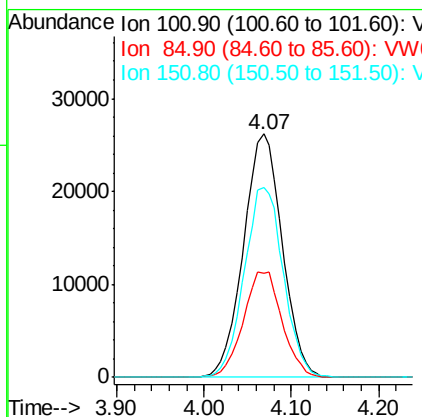
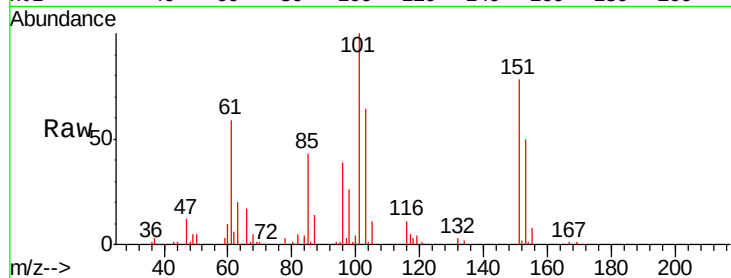
ClientSampleId :

VSTDIC075

Tgt Ion:	101	Resp:	80492
Ion Ratio	Lower	Upper	
101	100		
85	43.4	34.3	51.5
151	78.8	63.4	95.2

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#10

Methyl Iodide

Concen: 79.17 ug/l

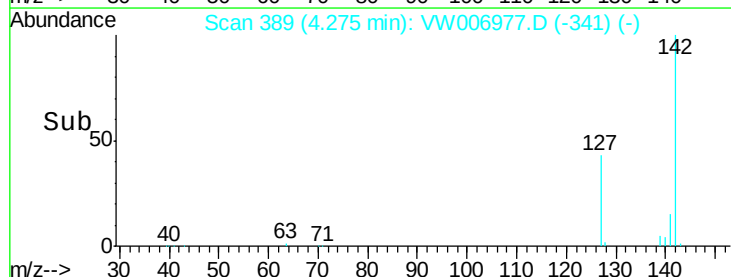
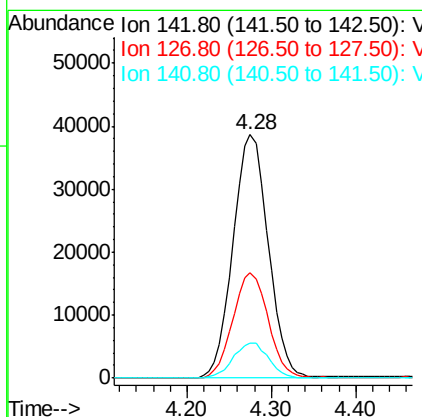
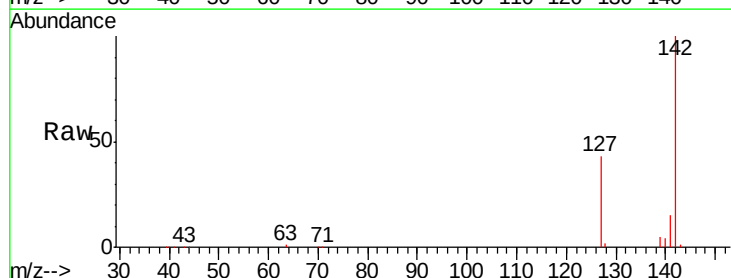
RT: 4.28 min Scan# 389

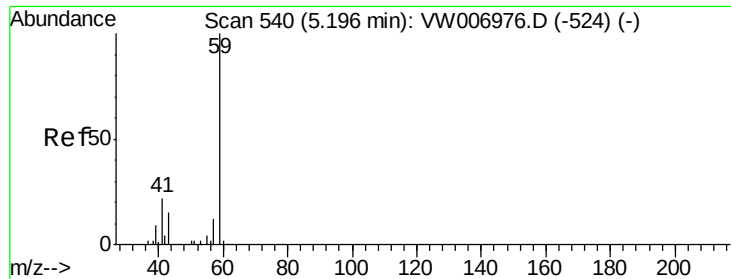
Delta R.T. -0.01 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

Tgt Ion:	142	Resp:	109909
Ion Ratio	Lower	Upper	
142	100		
127	43.4	35.3	52.9
141	14.6	11.7	17.5





#11

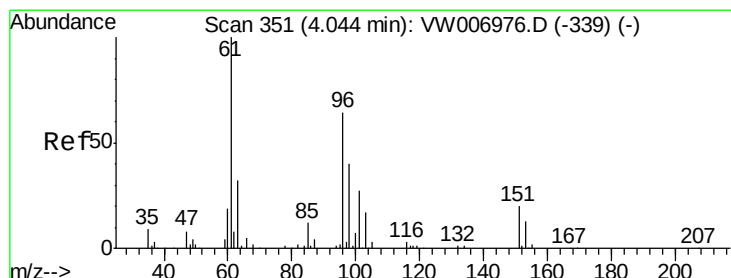
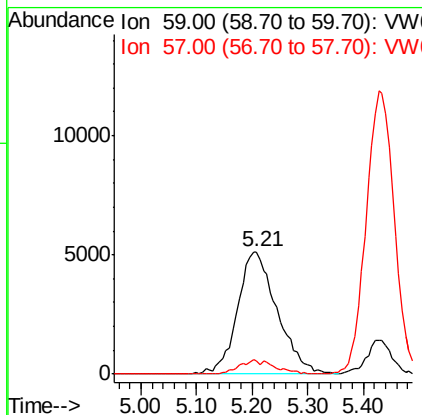
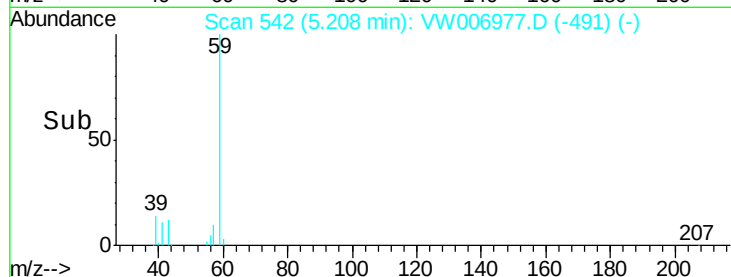
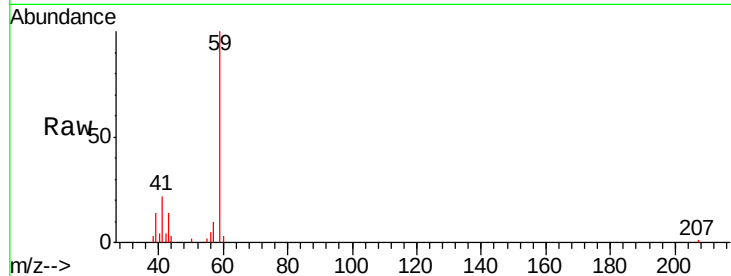
Tert butyl alcohol
Concen: 344.86 ug/l
RT: 5.21 min Scan# 542
Delta R.T. 0.01 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion: 59 Resp: 25458
Ion Ratio Lower Upper
59 100
57 5.8 8.6 13.0#

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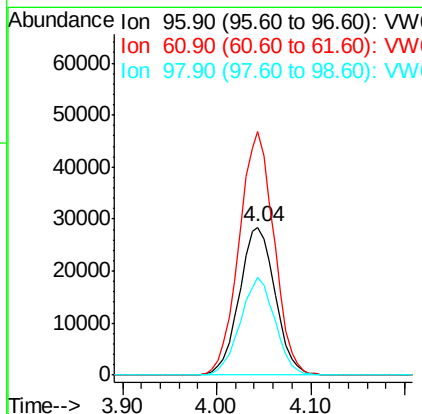
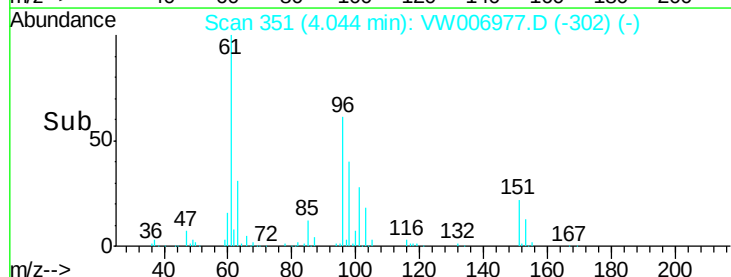
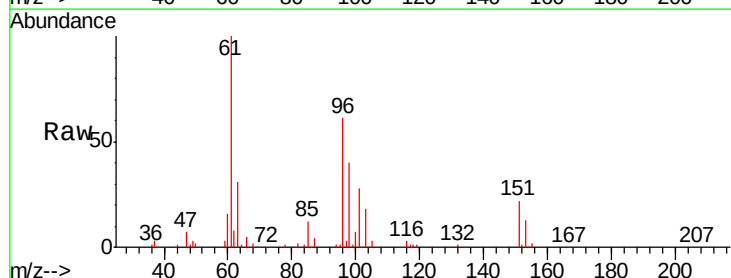
MMDadoda
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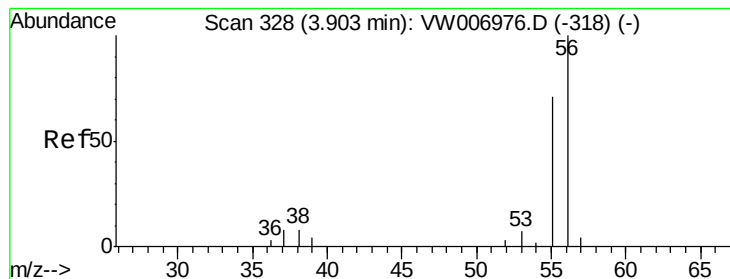


#12

1,1-Dichloroethene
Concen: 70.57 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.00 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Tgt Ion: 96 Resp: 75062
Ion Ratio Lower Upper
96 100
61 164.6 124.3 186.5
98 66.1 49.4 74.2





#13

Acrolein

Concen: 315.74 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.00 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tgt Ion: 56 Resp: 24286

Ion Ratio Lower Upper

56 100

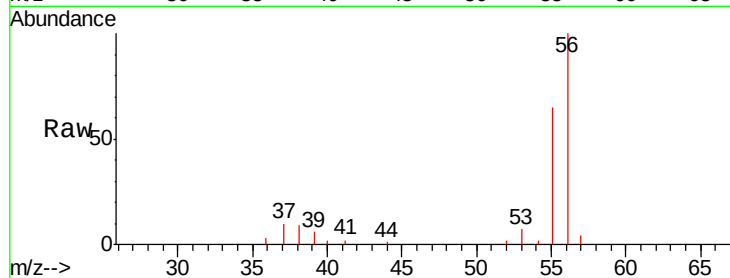
55 70.3 57.5 86.3

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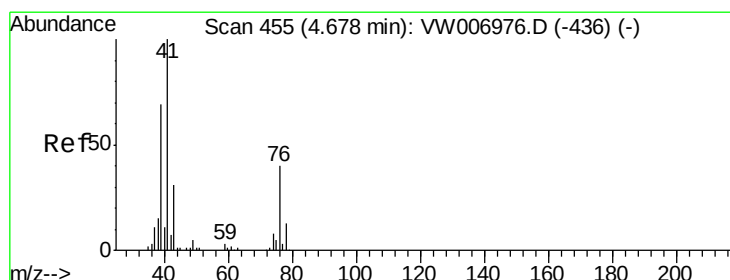
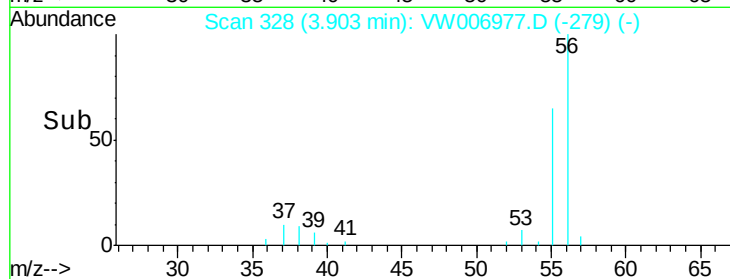
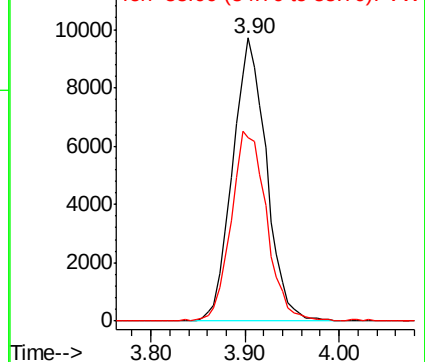
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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 71.16 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

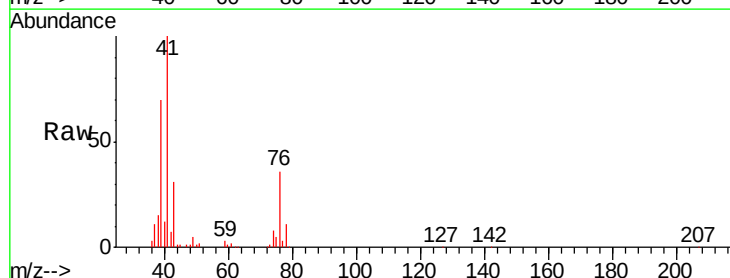
Tgt Ion: 41 Resp: 125547

Ion Ratio Lower Upper

41 100

39 70.0 55.4 83.2

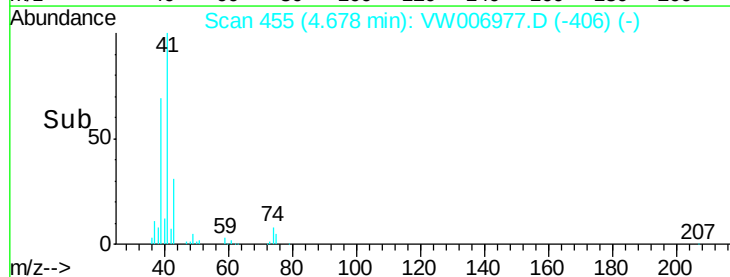
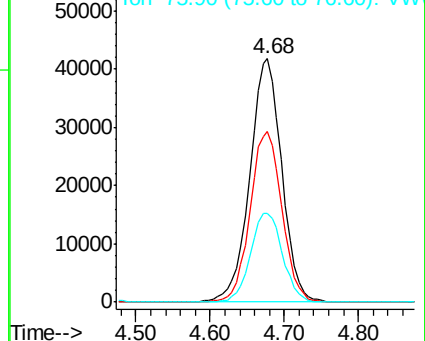
76 36.5 29.6 44.4

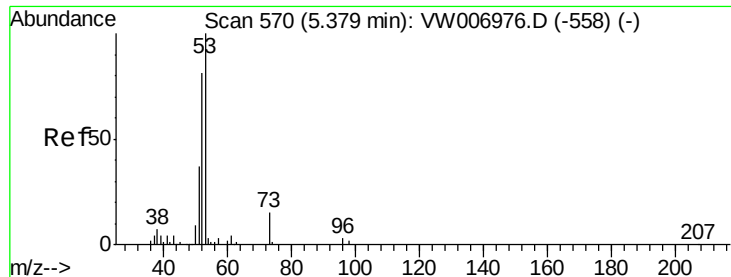


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 367.06 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

Instrument :

MSVOA_W

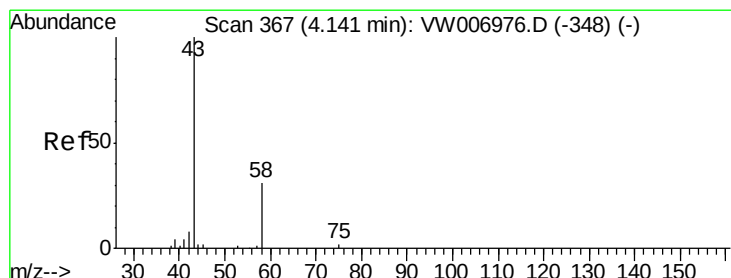
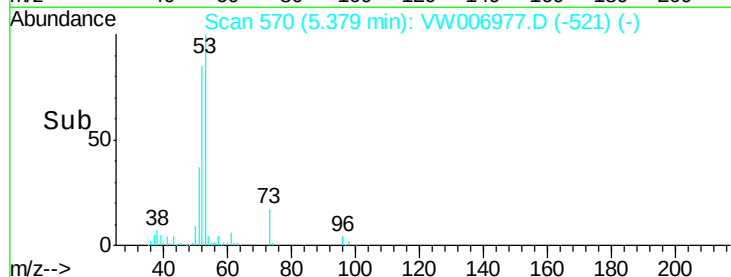
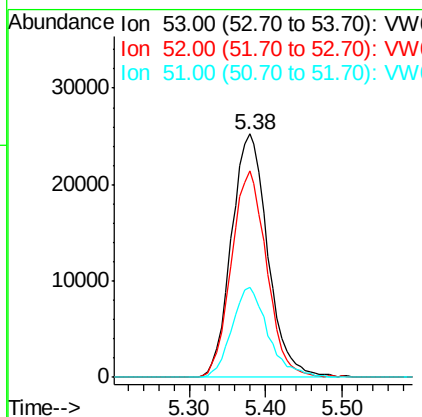
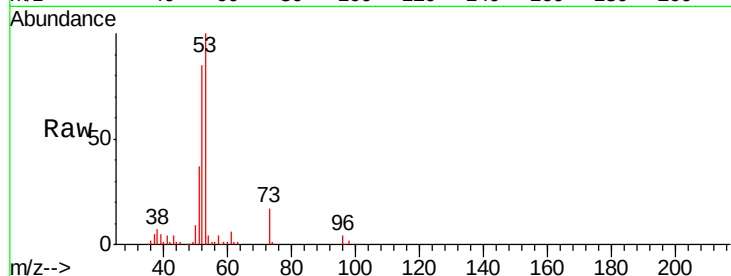
ClientSampleId :

VSTDIC075

Tgt Ion:	53	Resp:	83160
Ion	Ratio	Lower	Upper
53	100		
52	82.9	65.7	98.5
51	37.0	29.9	44.9

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#16

Acetone

Concen: 354.60 ug/l

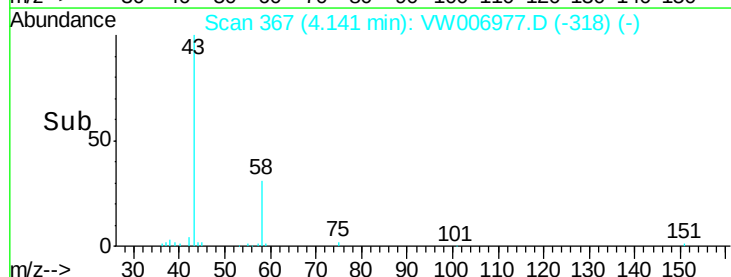
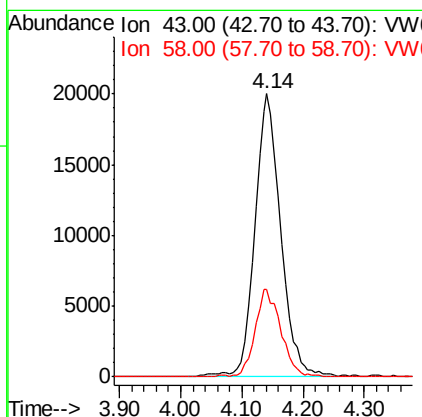
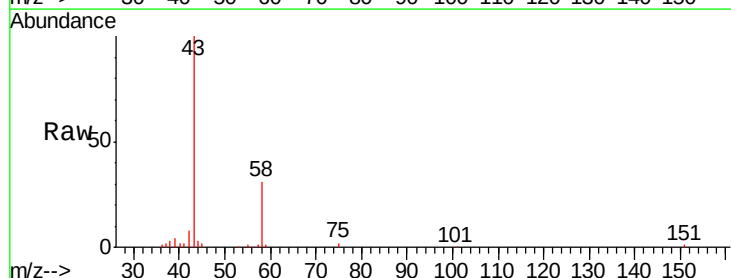
RT: 4.14 min Scan# 367

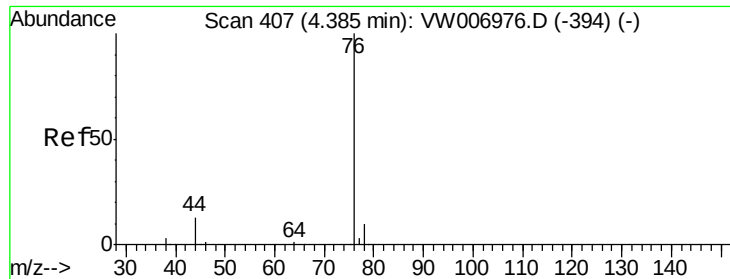
Delta R.T. -0.00 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

Tgt Ion:	43	Resp:	59233
Ion	Ratio	Lower	Upper
43	100		
58	31.0	24.8	37.2





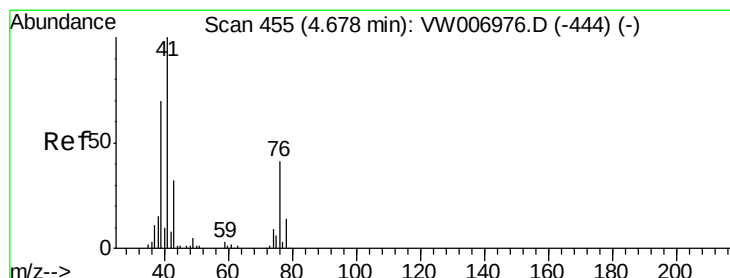
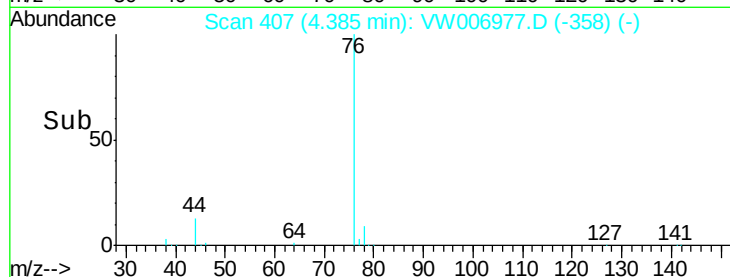
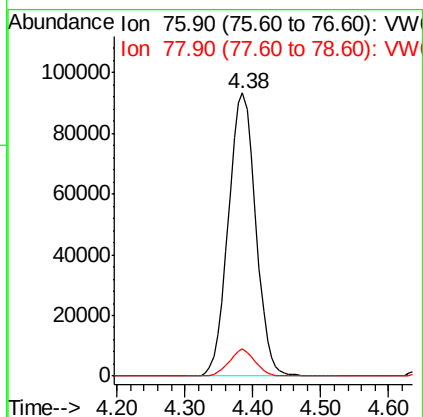
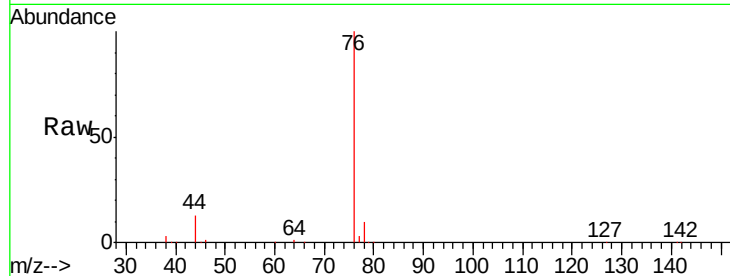
#17
Carbon Disulfide
Concen: 75.61 ug/l
RT: 4.38 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion: 76 Resp: 260019
Ion Ratio Lower Upper
76 100
78 9.5 7.8 11.6

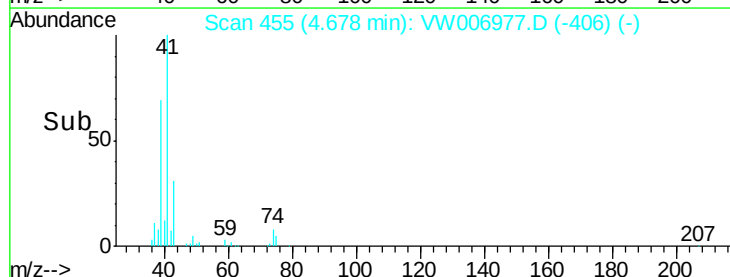
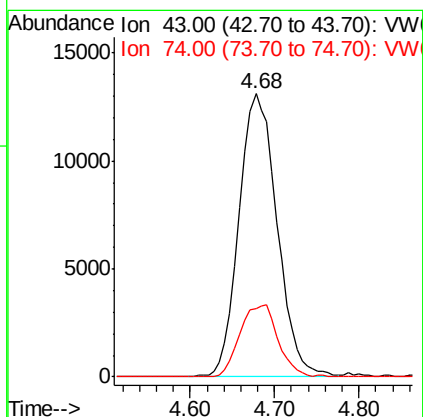
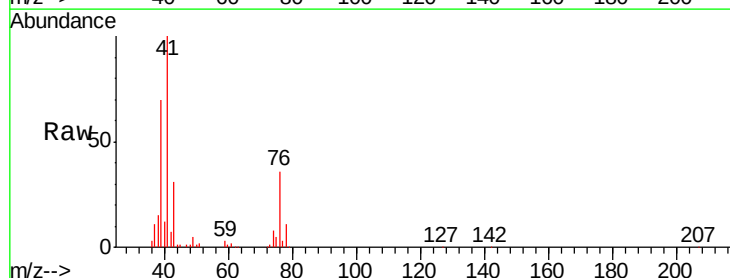
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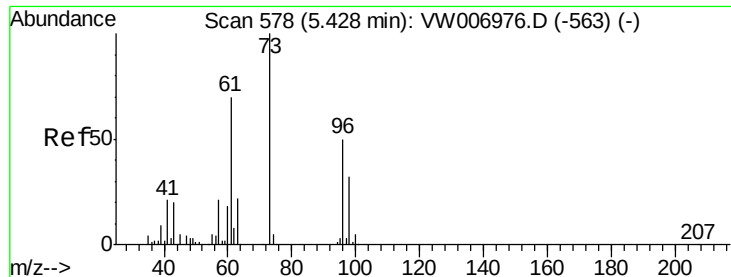
MMDadoda
11/21/2018 11:32:35 AM



#18
Methyl Acetate
Concen: 67.77 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Tgt Ion: 43 Resp: 40312
Ion Ratio Lower Upper
43 100
74 25.1 20.1 30.1





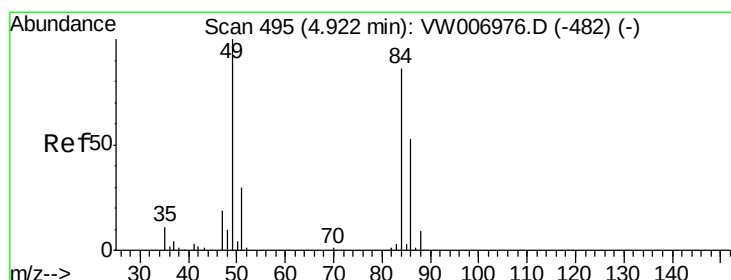
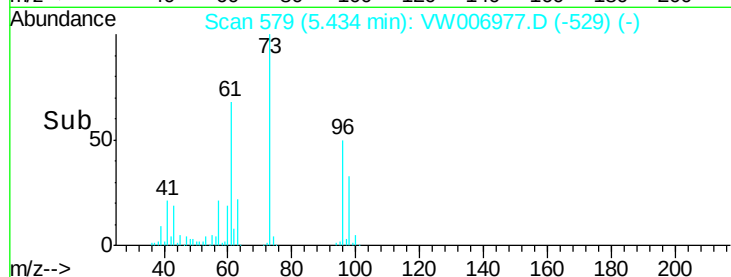
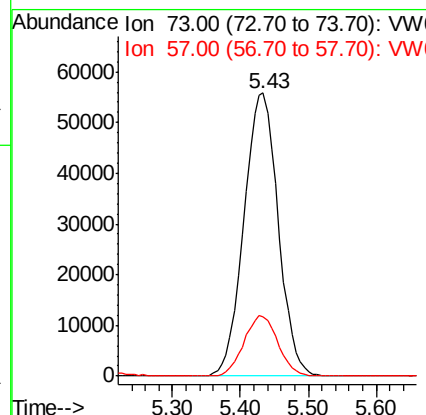
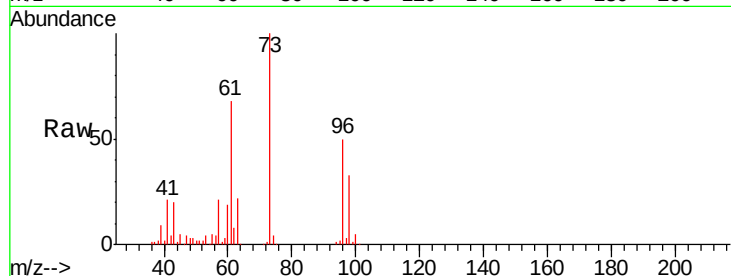
#19
Methyl tert-butyl Ether
Concen: 70.37 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion: 73 Resp: 195433
Ion Ratio Lower Upper
73 100
57 21.1 16.7 25.1

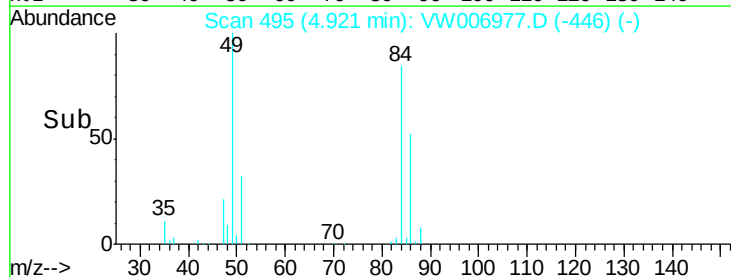
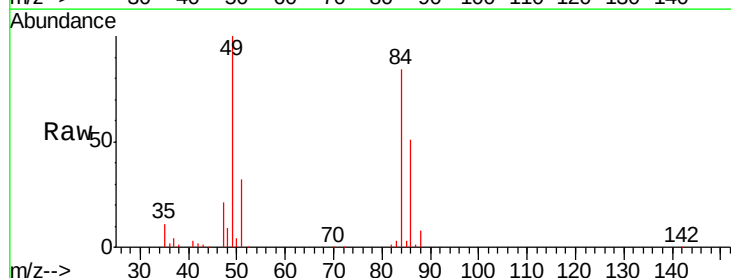
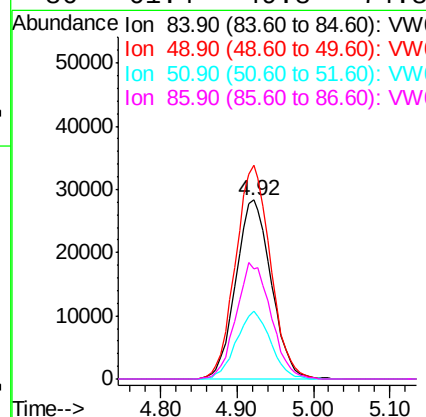
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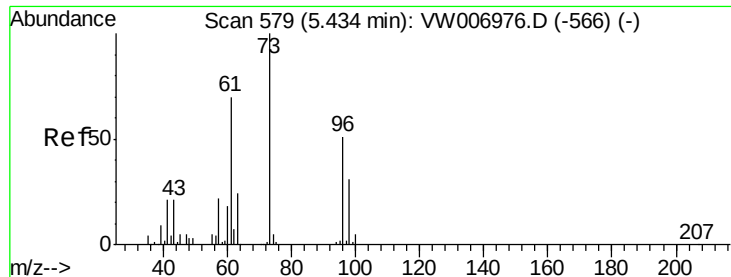
MMDadoda
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#20
Methylene Chloride
Concen: 55.07 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Tgt Ion: 84 Resp: 90914
Ion Ratio Lower Upper
84 100
49 119.4 93.4 140.0
51 37.7 28.4 42.6
86 61.4 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 68.79 ug/l

RT: 5.43 min Scan# 579

Delta R.T. -0.00 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

Instrument :

MSVOA_W

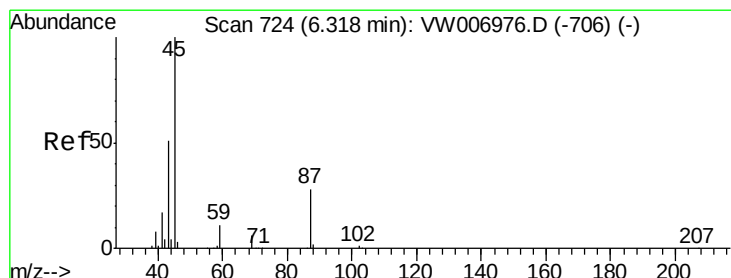
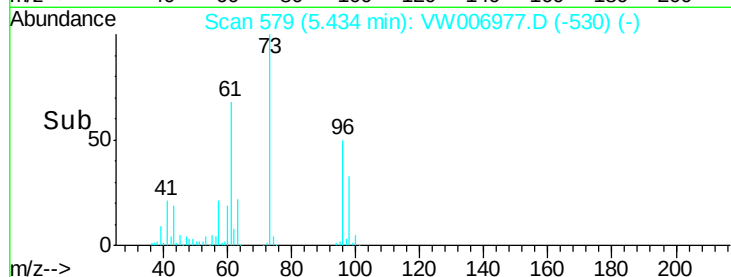
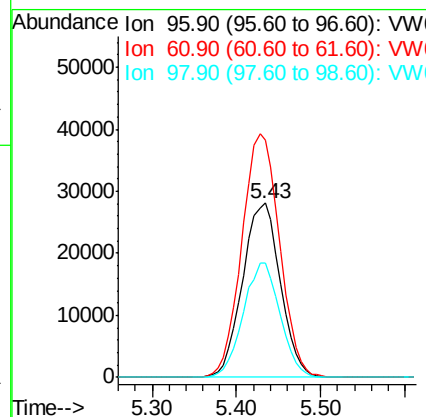
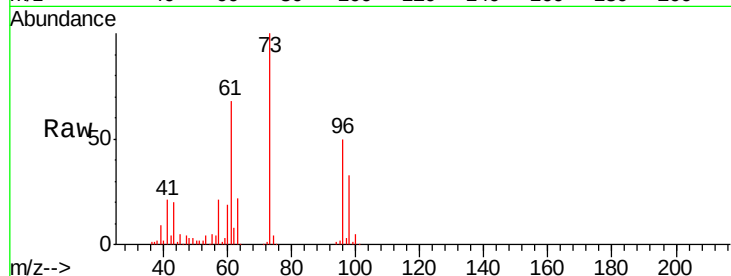
ClientSampleId :

VSTDIC075

Tgt Ion:	96	Resp:	85240
Ion	Ratio	Lower	Upper
96	100		
61	136.1	109.4	164.0
98	65.3	48.3	72.5

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#22

Diisopropyl ether

Concen: 70.55 ug/l

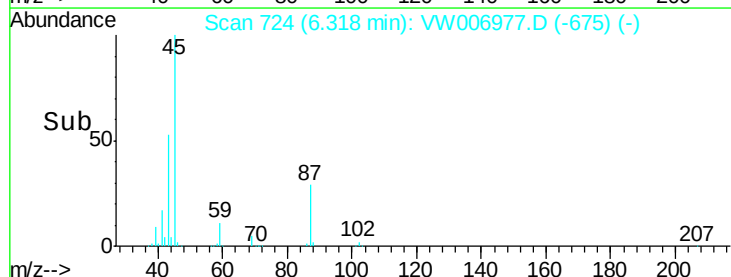
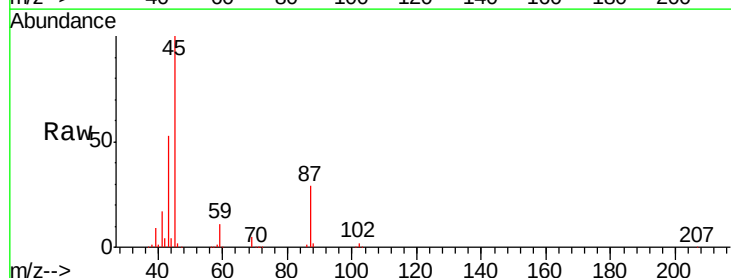
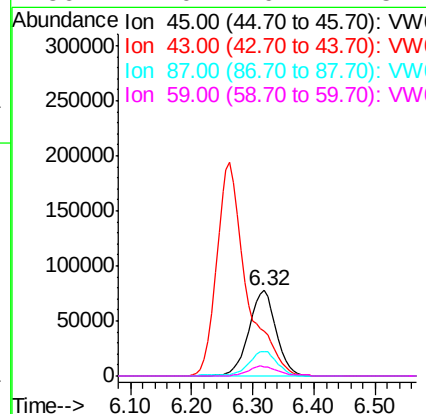
RT: 6.32 min Scan# 724

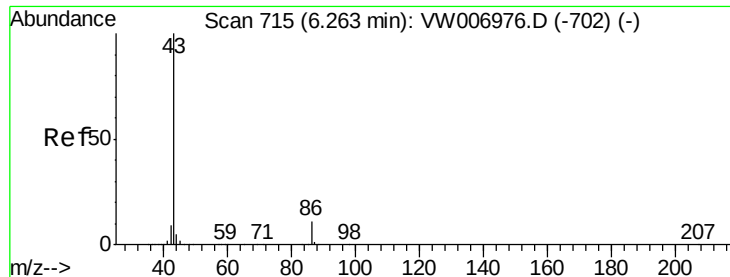
Delta R.T. -0.00 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

Tgt Ion:	45	Resp:	242249
Ion	Ratio	Lower	Upper
45	100		
43	52.2	42.5	63.7
87	28.6	22.8	34.2
59	11.0	9.1	13.7





#23

Vinyl Acetate

Concen: 360.99 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tgt Ion: 43 Resp: 658280

Ion Ratio Lower Upper

43 100

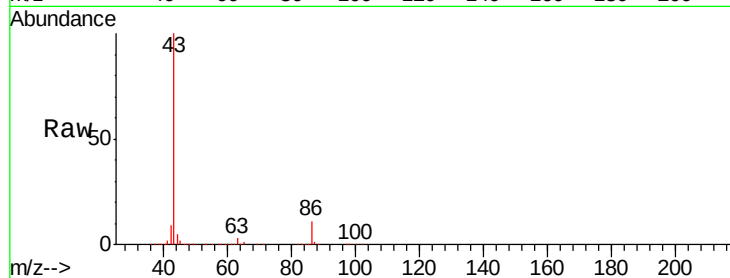
86 10.9 8.7 13.1

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

200000

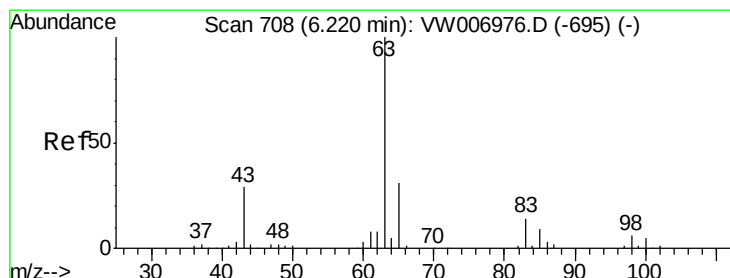
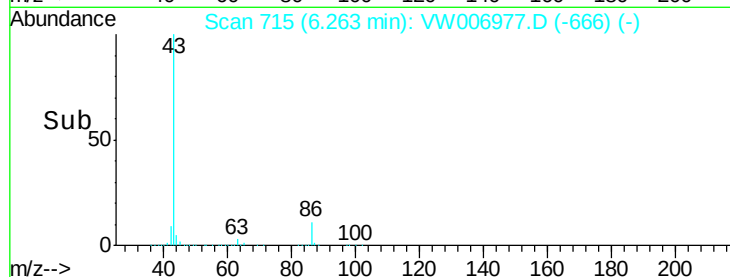
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 69.80 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

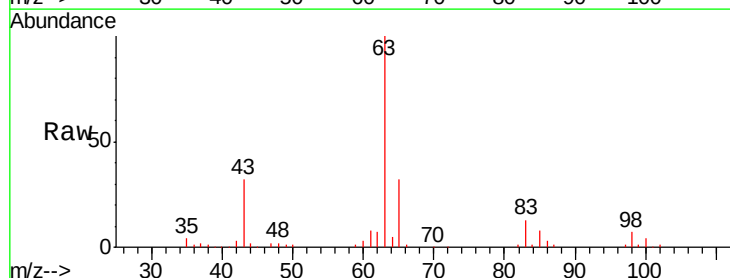
Tgt Ion: 63 Resp: 145807

Ion Ratio Lower Upper

63 100

98 6.6 3.1 9.4

100 4.5 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.22

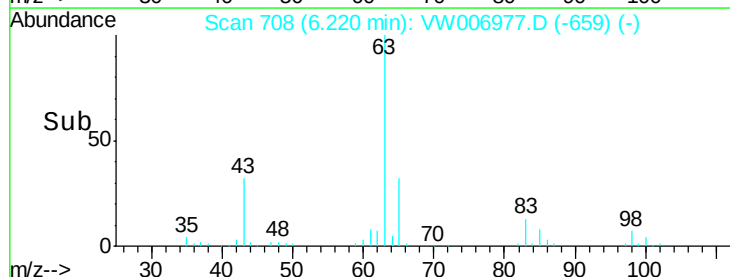
60000

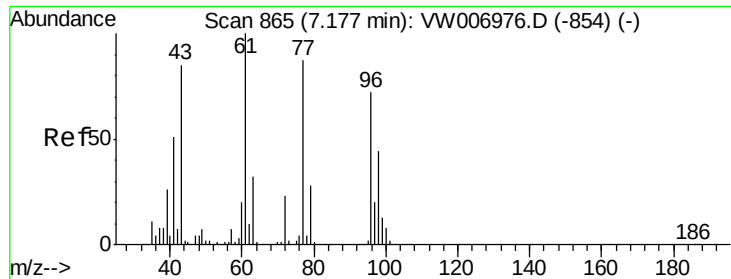
40000

20000

0

Time-->





#25

2-Butanone

Concen: 348.77 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tgt Ion: 43 Resp: 99782

Ion Ratio Lower Upper

43 100

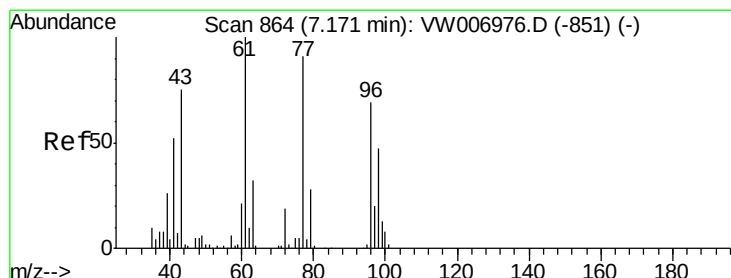
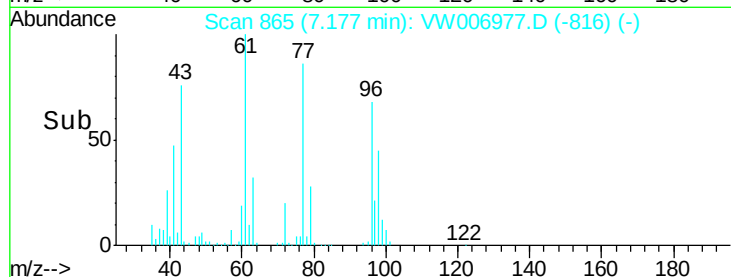
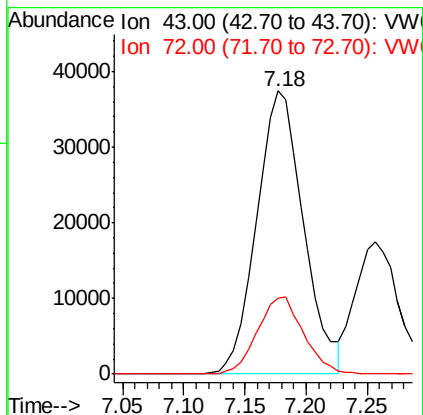
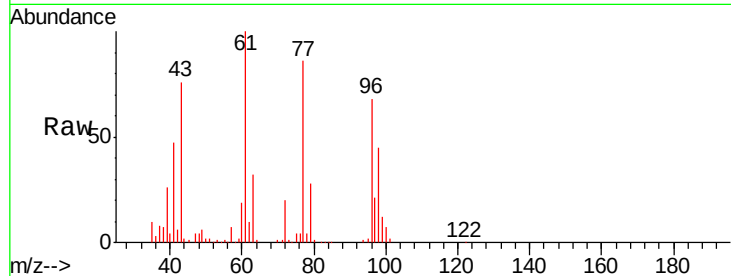
72 26.8 21.3 31.9

Manual Integrations

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MMDadoda

11/21/2018 11:32:35 AM



#26

2,2-Dichloropropane

Concen: 67.55 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW006977.D

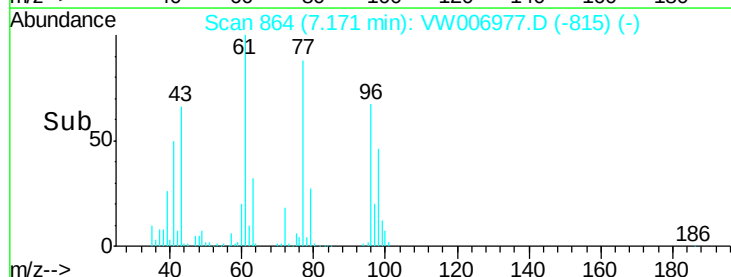
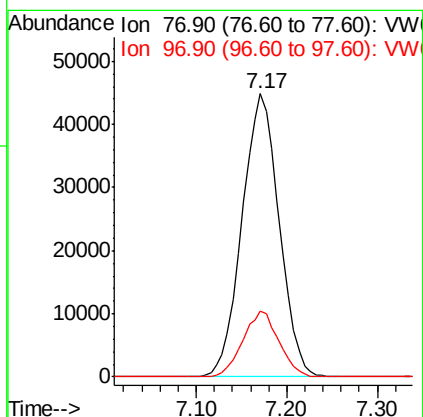
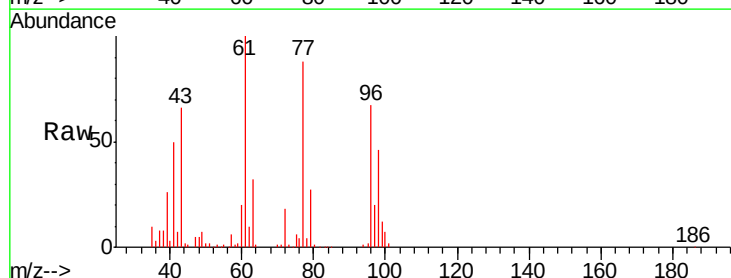
Acq: 20 Nov 2018 15:30

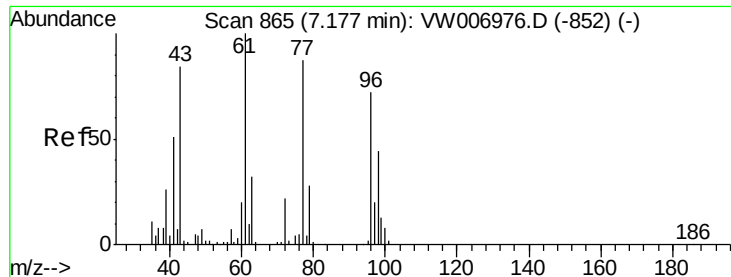
Tgt Ion: 77 Resp: 126896

Ion Ratio Lower Upper

77 100

97 22.5 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 69.54 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

Instrument :

MSVOA_W

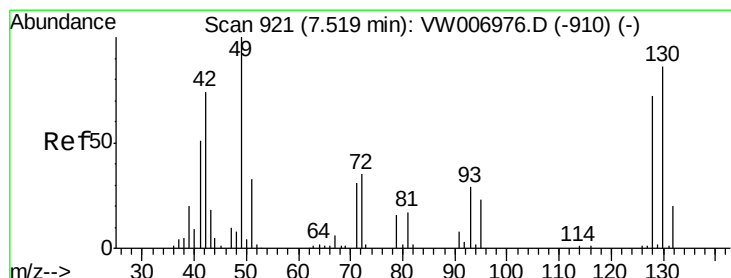
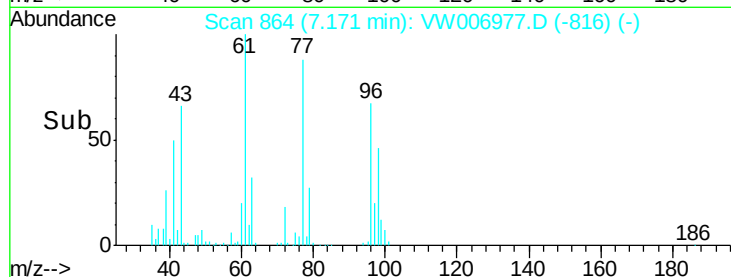
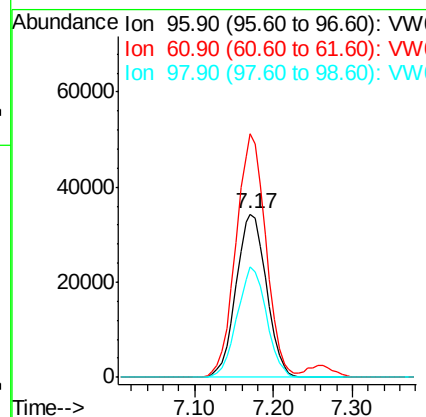
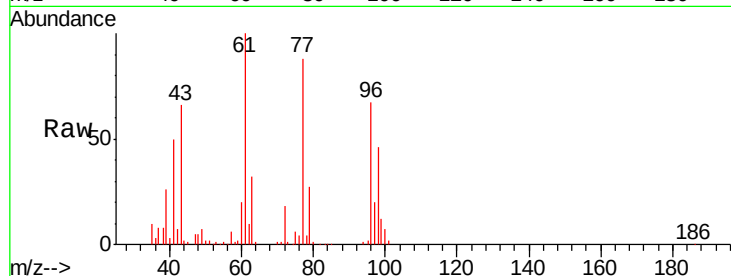
ClientSampleId :

VSTDIC075

Tgt Ion:	96	Resp:	91765
Ion	Ratio	Lower	Upper
96	100		
61	147.2	0.0	292.6
98	65.5	0.0	129.8

Manual Integrations
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#28

Bromochloromethane

Concen: 72.55 ug/l

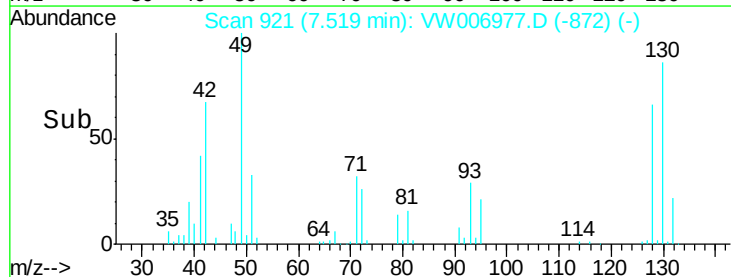
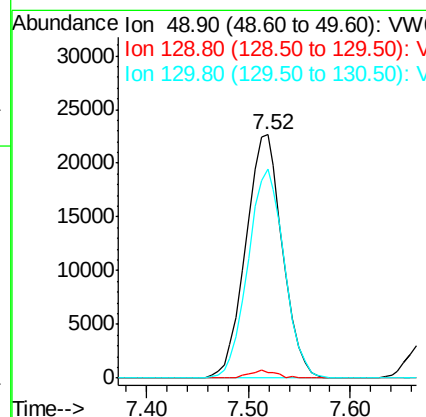
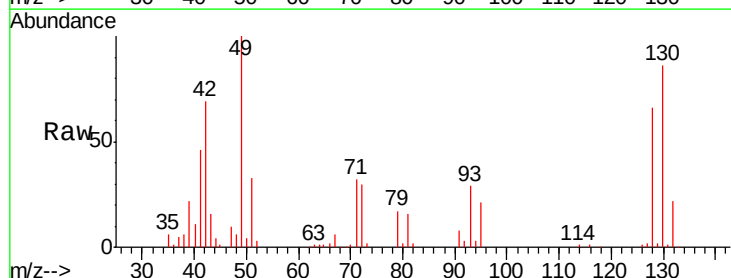
RT: 7.52 min Scan# 921

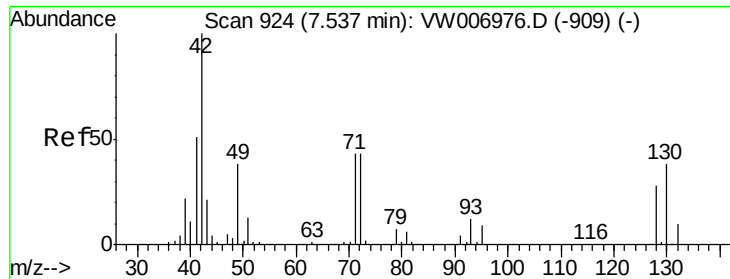
Delta R.T. -0.00 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

Tgt Ion:	49	Resp:	56648
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	2.0#
130	84.7	69.0	103.4





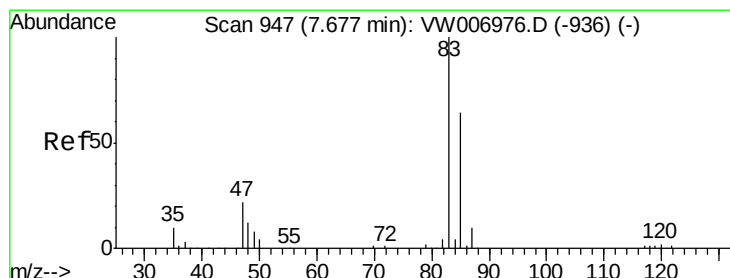
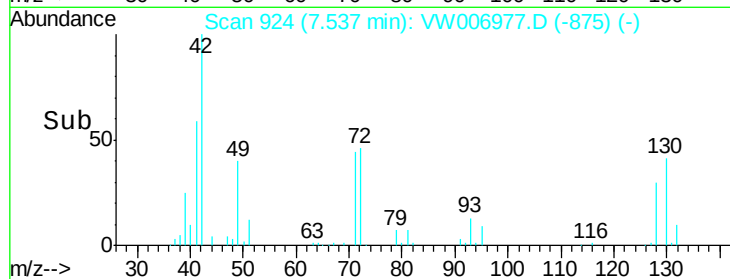
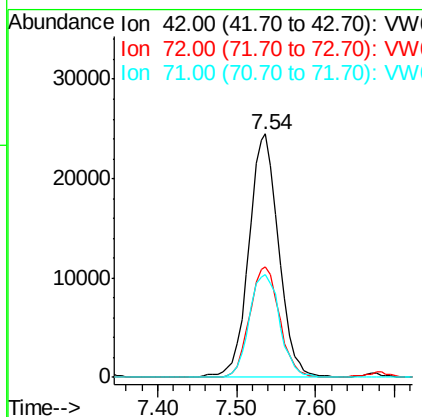
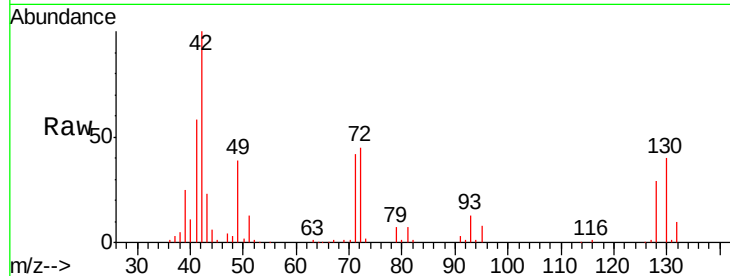
#29
Tetrahydrofuran
Concen: 347.10 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion	Ratio	Lower	Upper
42	100		
72	45.5	36.2	54.4
71	43.1	33.8	50.8

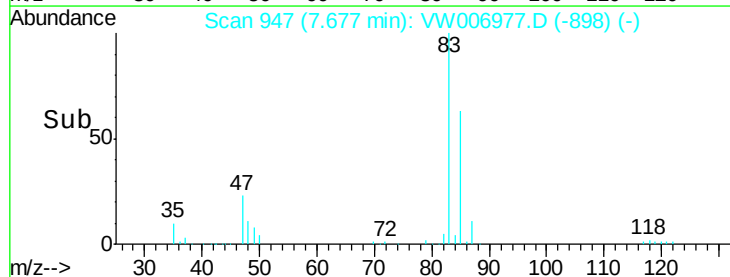
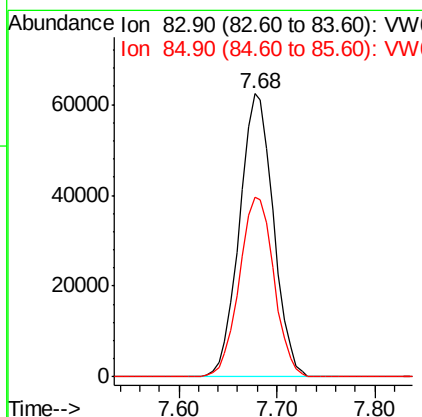
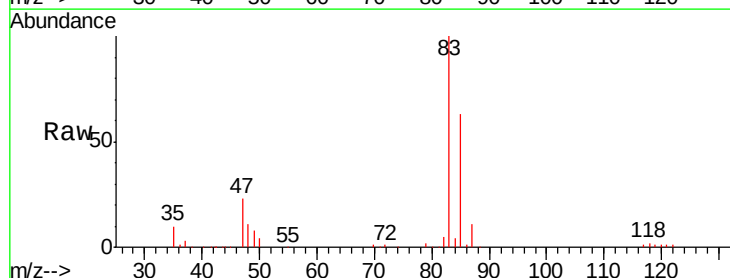
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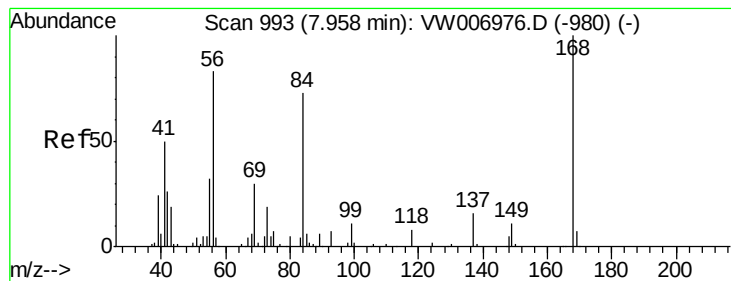
MMDadoda
11/21/2018 11:32:35 AM



#30
Chloroform
Concen: 67.44 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.9	76.3





#31

Cyclohexane

Concen: 65.70 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

Instrument :

MSVOA_W

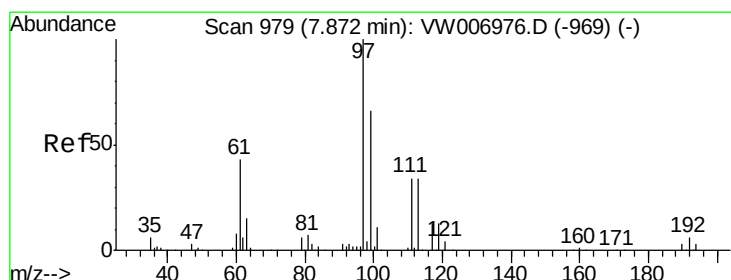
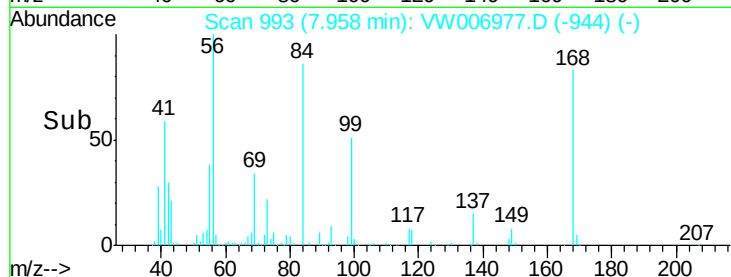
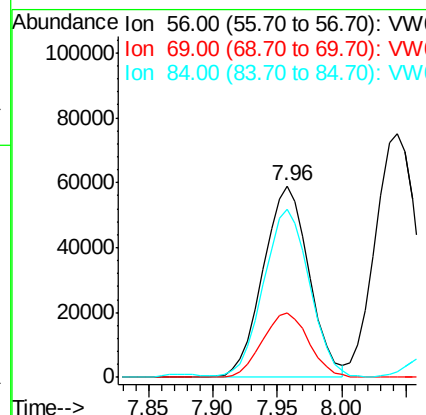
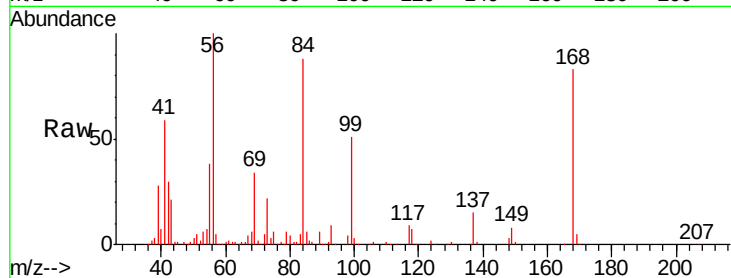
ClientSampleId :

VSTDIC075

Tgt Ion:	56	Resp:	145574
Ion Ratio	Lower	Upper	
56	100		
69	33.9	29.1	43.7
84	86.8	70.6	105.8

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 68.90 ug/l

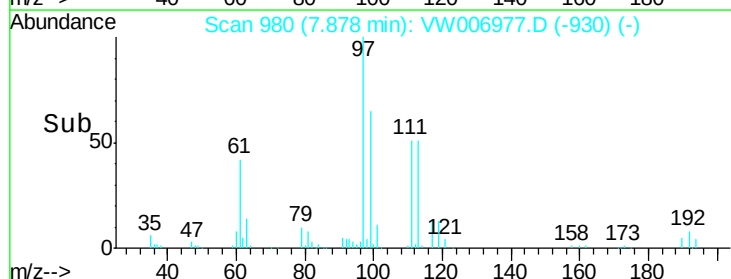
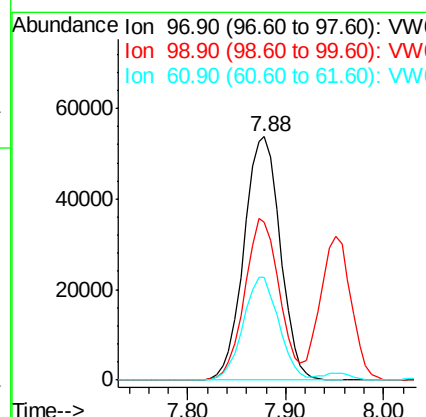
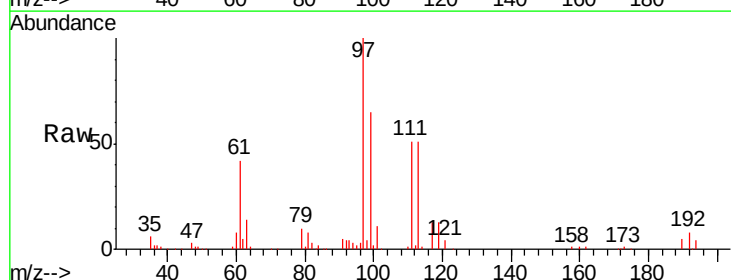
RT: 7.88 min Scan# 980

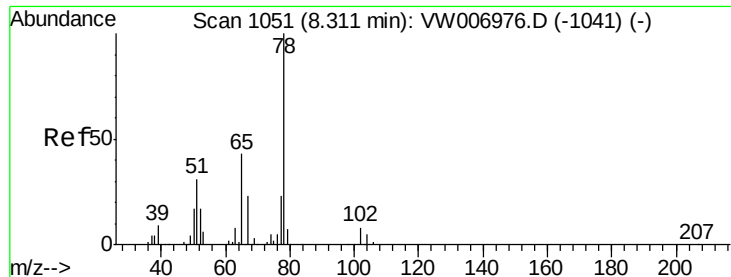
Delta R.T. 0.01 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

Tgt Ion:	97	Resp:	137731
Ion Ratio	Lower	Upper	
97	100		
99	63.5	51.9	77.9
61	41.8	33.4	50.2





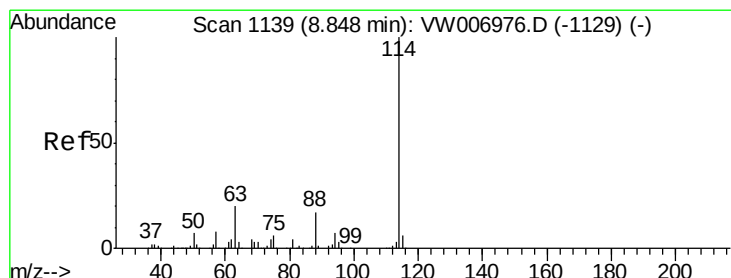
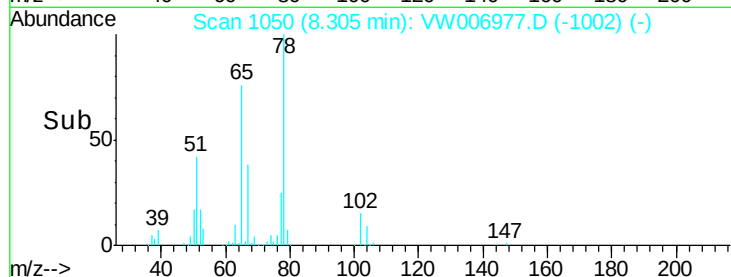
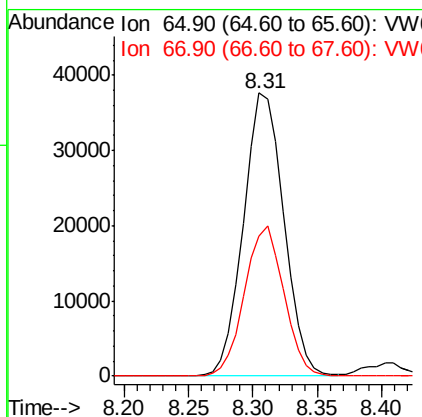
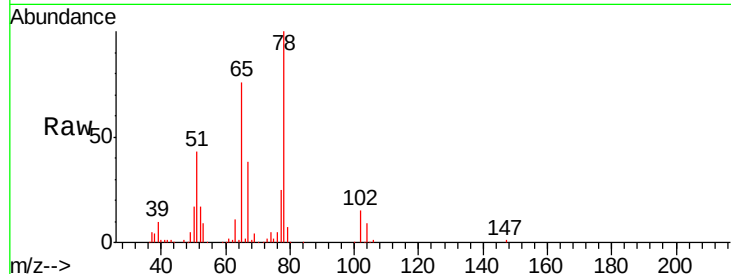
#33
 1,2-Dichloroethane-d4
 Concen: 71.11 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006977.D
 Acq: 20 Nov 2018 15:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	81812		
67	51.7	0.0	106.2	

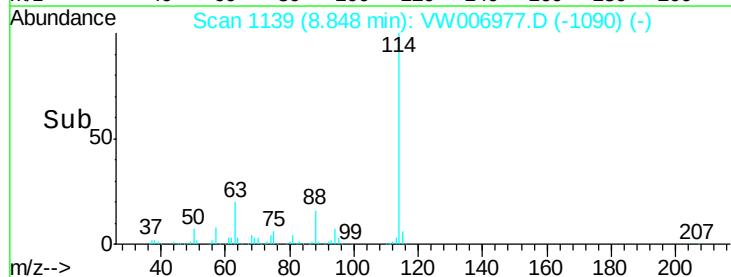
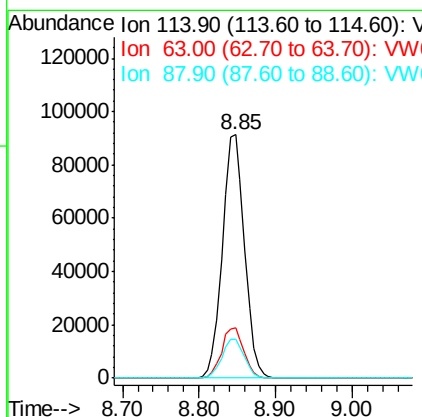
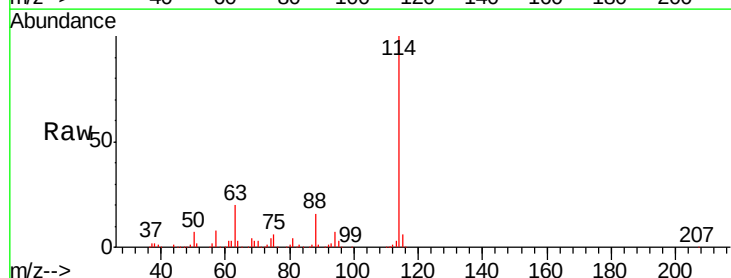
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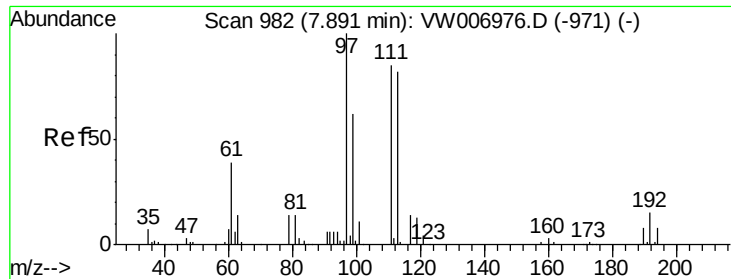
MMDadoda
 11/21/2018 11:32:35 AM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006977.D
 Acq: 20 Nov 2018 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	181773		
63	20.5	0.0	39.4	
88	16.1	0.0	34.2	





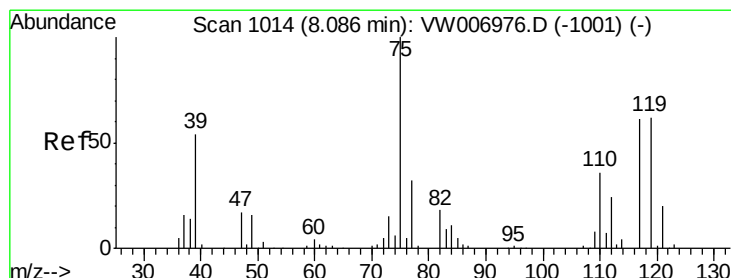
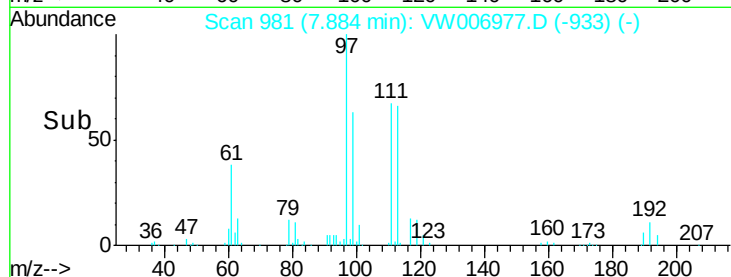
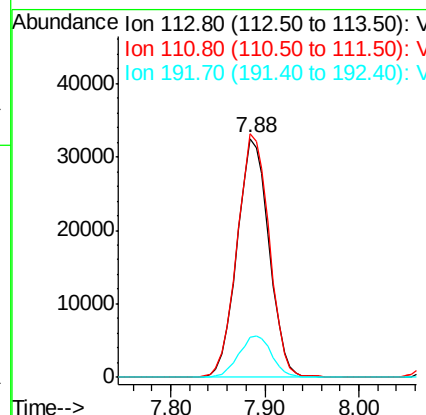
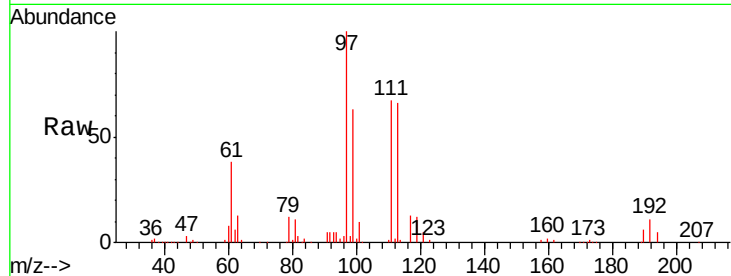
#35
 Dibromofluoromethane
 Concen: 74.45 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006977.D
 Acq: 20 Nov 2018 15:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.0	121.6
192	17.9	15.0	22.6

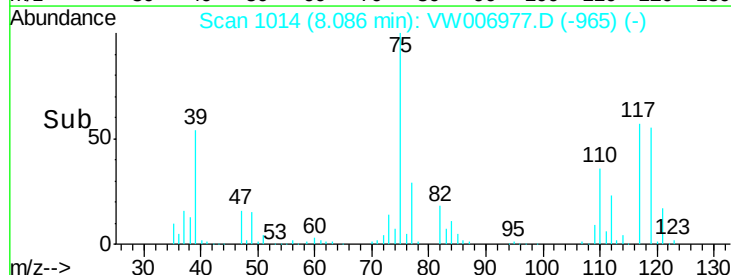
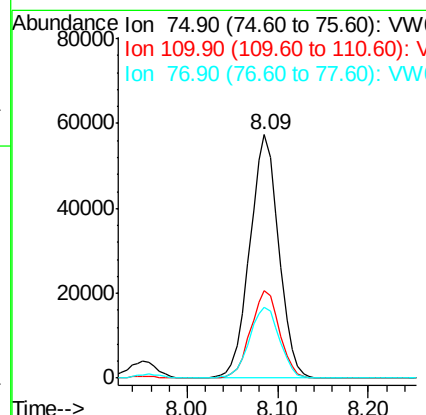
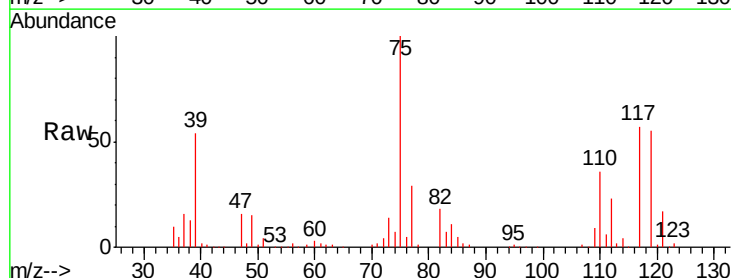
Manual Integrations
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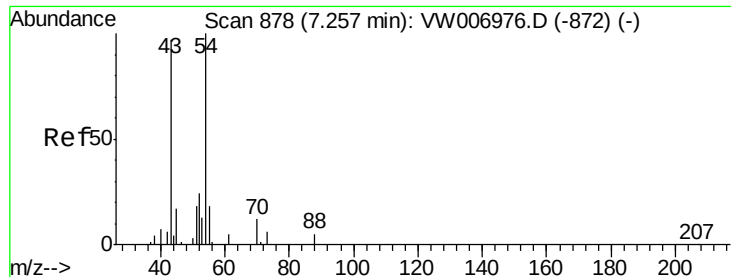
MMDadoda
 11/21/2018 11:32:35 AM



#36
 1,1-Dichloropropene
 Concen: 71.27 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW006977.D
 Acq: 20 Nov 2018 15:30

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.7	18.0	54.0
77	30.6	24.9	37.3





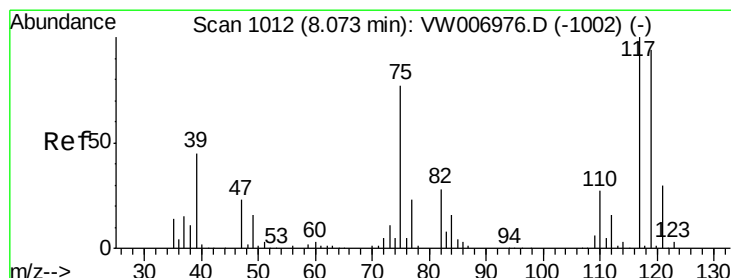
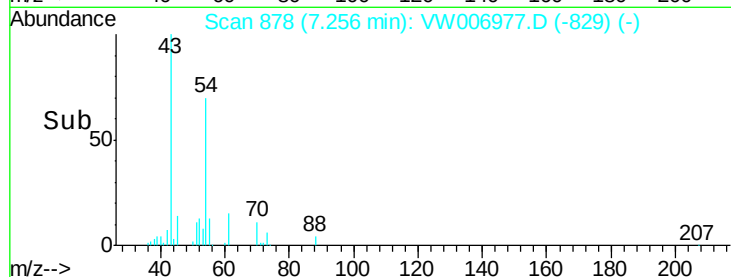
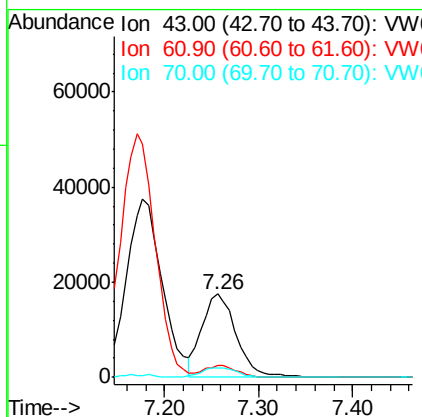
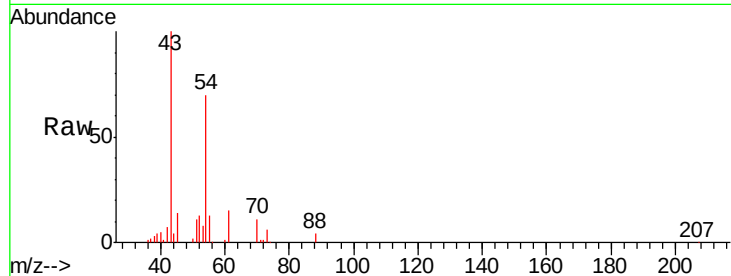
#37
Ethyl Acetate
Concen: 68.87 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.4	15.6
70	11.5	8.8	13.2

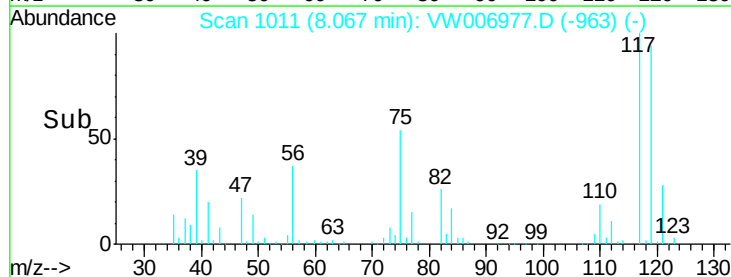
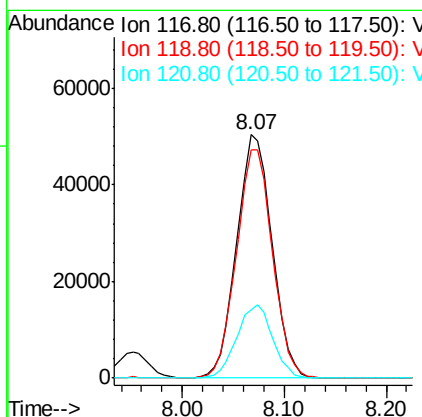
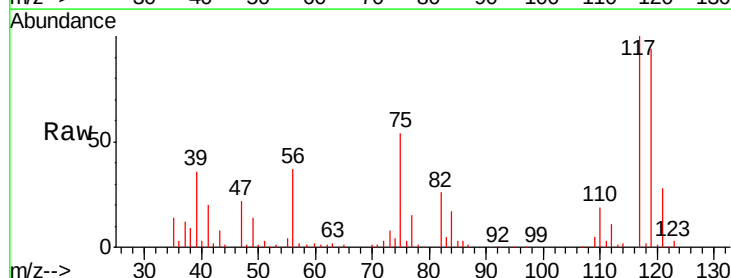
Manual Integrations
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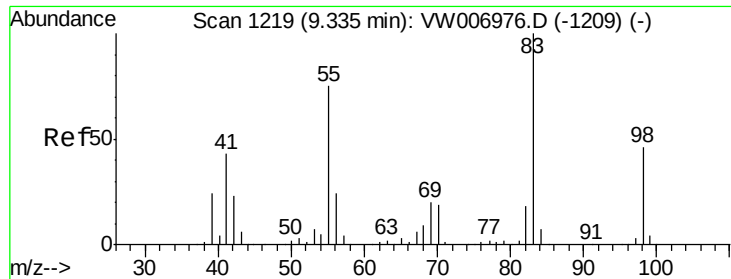
MMDadoda
11/21/2018 11:32:35 AM



#38
Carbon Tetrachloride
Concen: 71.36 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.8	74.9	112.3
121	28.2	23.6	35.4





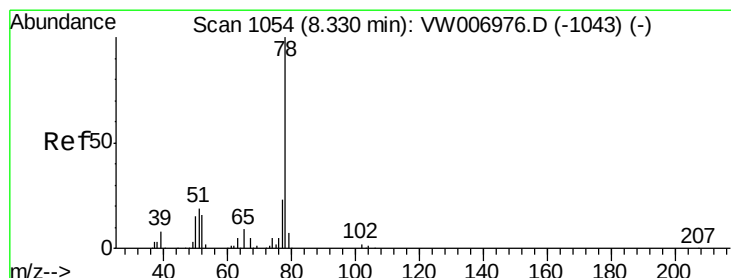
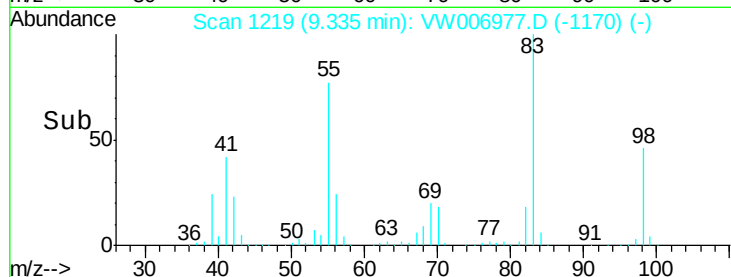
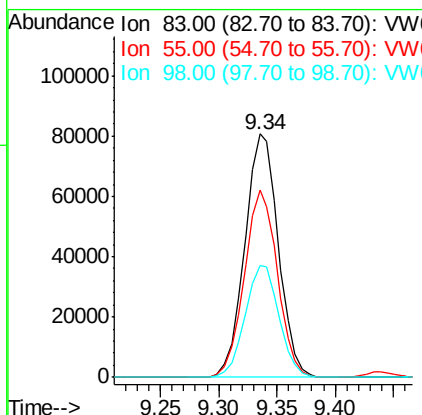
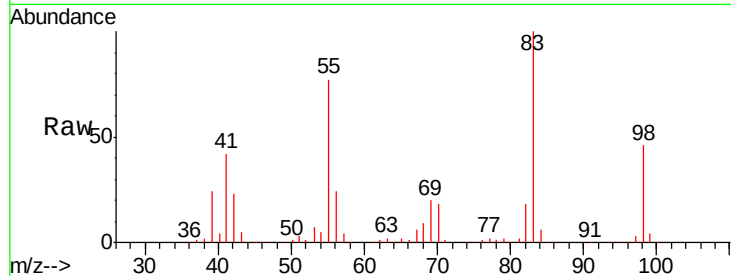
#39
Methylcyclohexane
Concen: 72.88 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.9	59.6	89.4
98	45.9	37.1	55.7

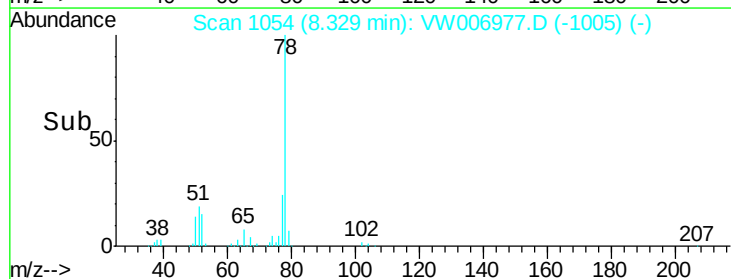
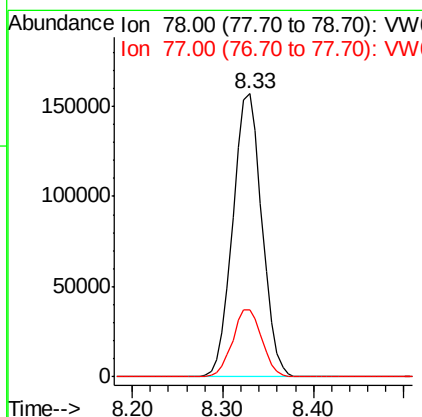
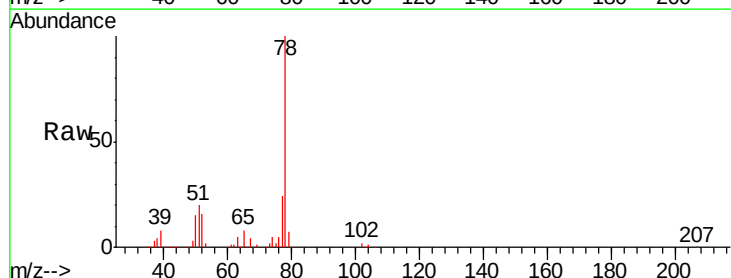
Manual Integrations
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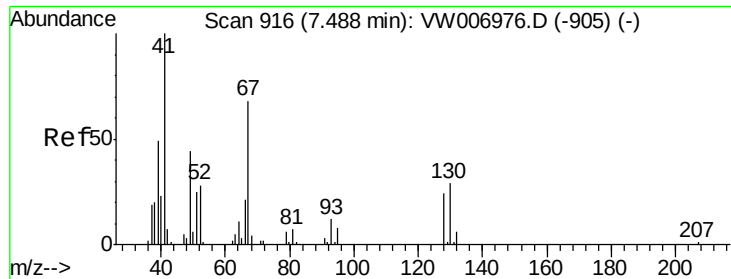
MMDadoda
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#40
Benzene
Concen: 73.04 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.6	28.0





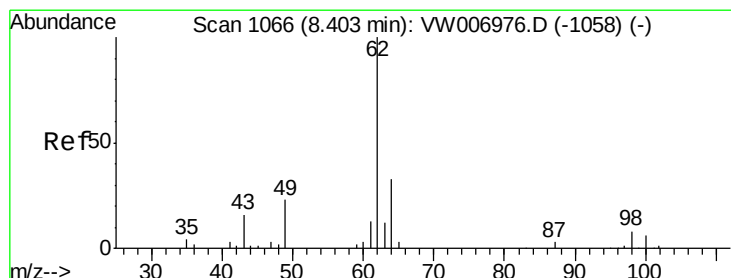
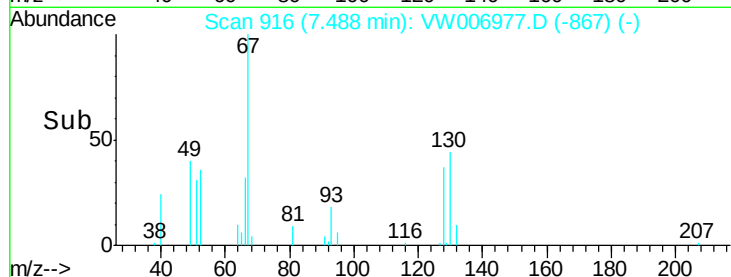
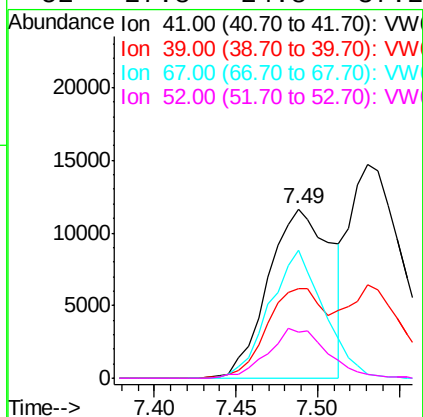
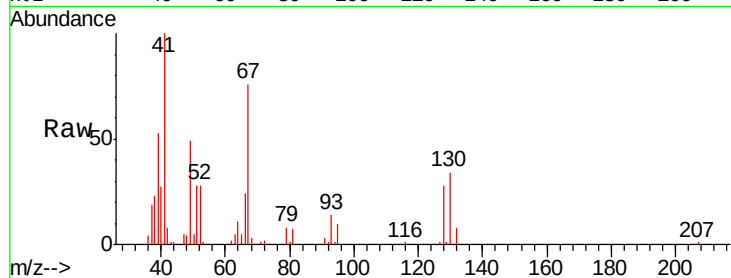
#41
Methacrylonitrile
Concen: 78.64 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion	Ratio	Lower	Upper
41	100		
39	47.8	48.6	73.0#
67	65.2	59.8	89.8
52	27.8	24.8	37.2

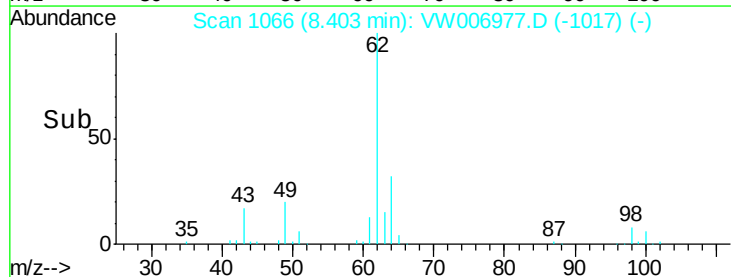
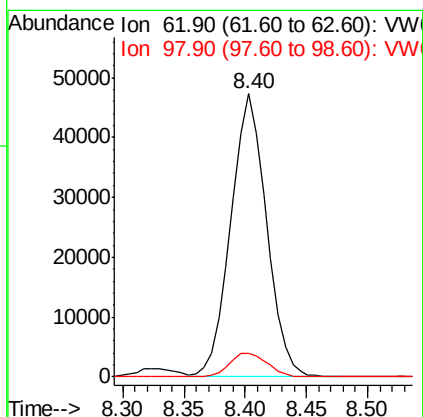
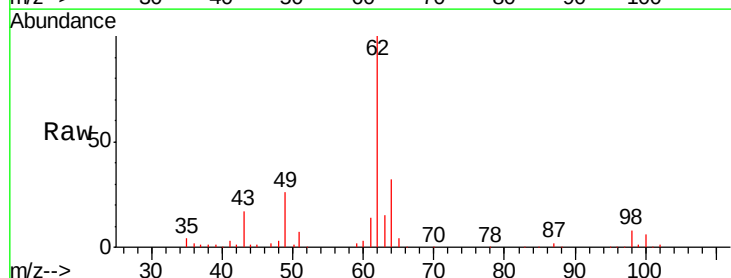
Manual Integrations
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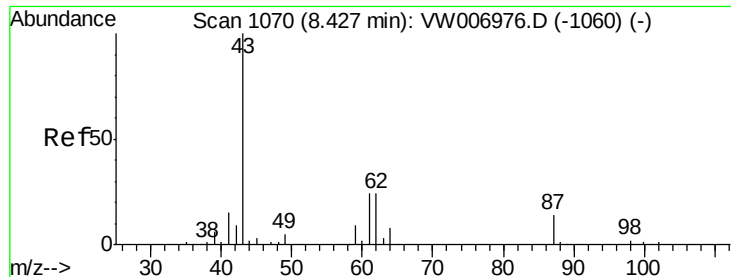
MMDadoda
11/21/2018 11:32:35 AM



#42
1,2-Dichloroethane
Concen: 68.82 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.6





#43

Isopropyl Acetate

Concen: 72.92 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

Instrument :

MSVOA_W

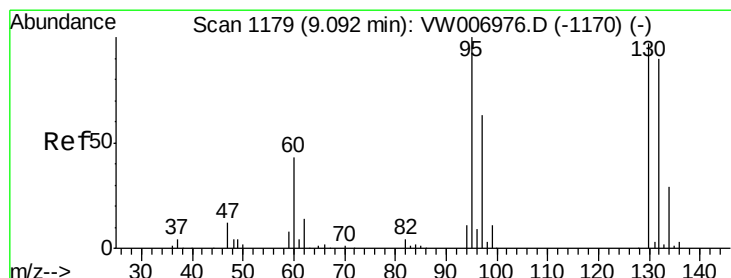
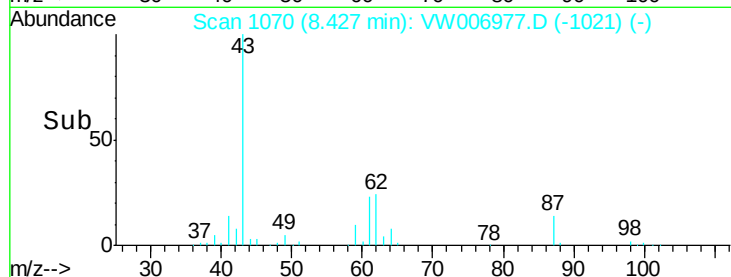
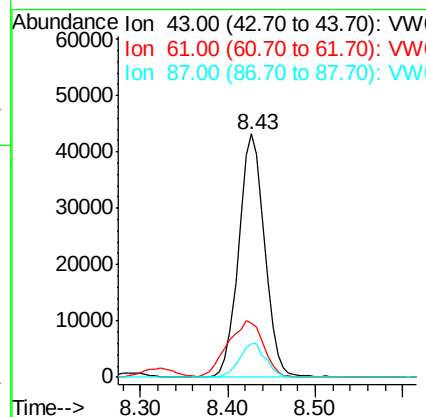
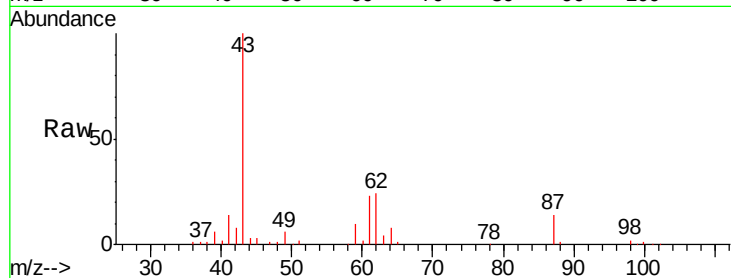
ClientSampleId :

VSTDIC075

Tgt Ion:	43	Resp:	89451
Ion	Ratio	Lower	Upper
43	100		
61	31.7	26.1	39.1
87	14.2	11.2	16.8

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#44

Trichloroethene

Concen: 71.02 ug/l

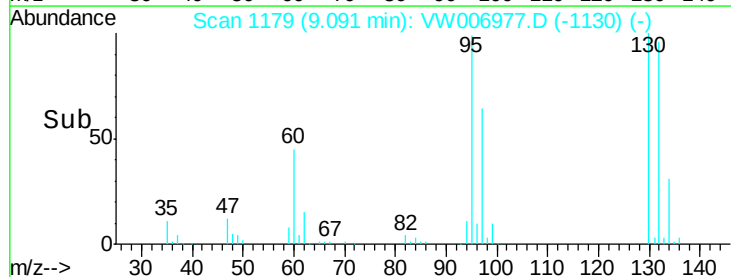
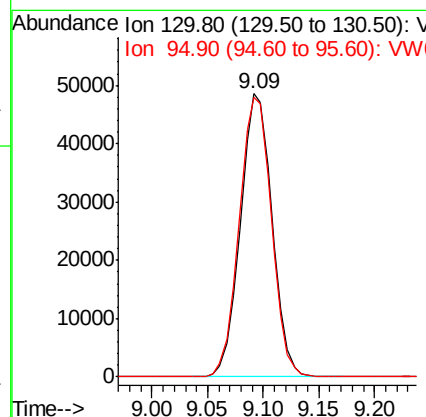
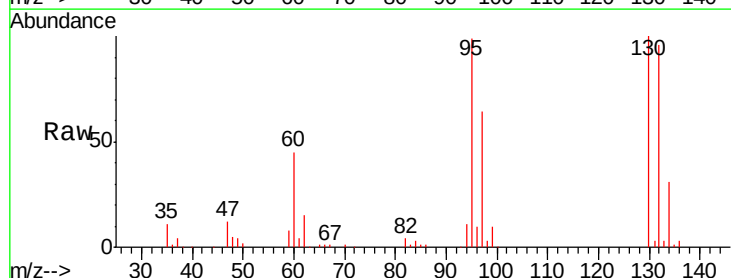
RT: 9.09 min Scan# 1179

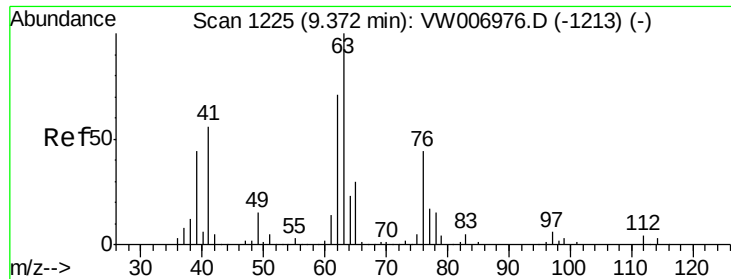
Delta R.T. -0.00 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

Tgt Ion:	130	Resp:	95457
Ion	Ratio	Lower	Upper
130	100		
95	98.9	0.0	206.4





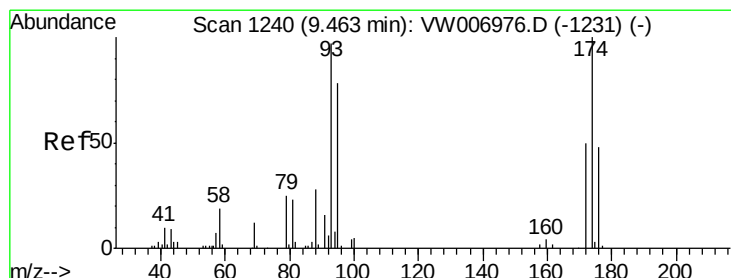
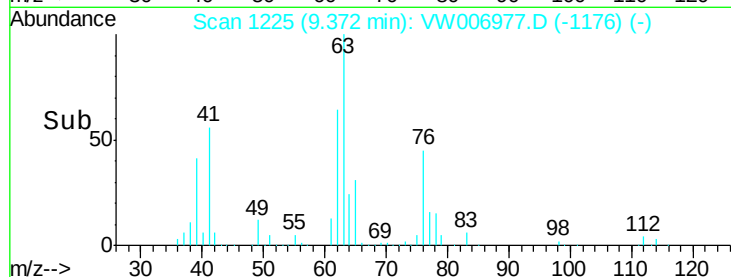
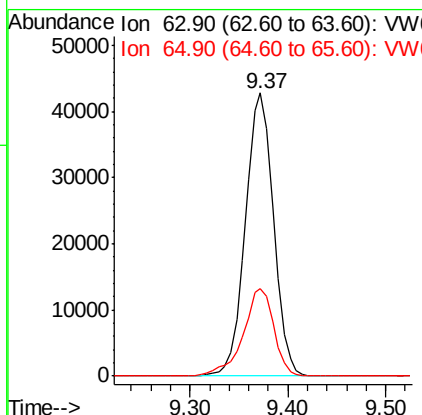
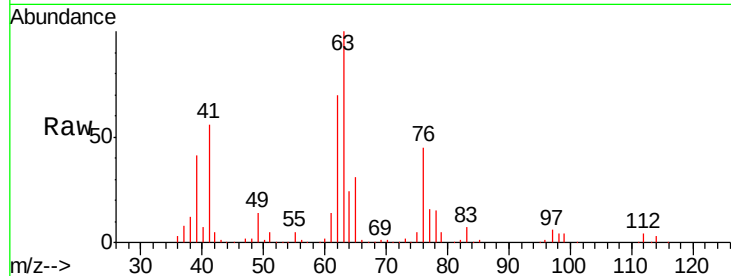
#45
 1,2-Dichloropropane
 Concen: 72.07 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW006977.D
 Acq: 20 Nov 2018 15:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion: 63 Resp: 85183
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.4 36.6

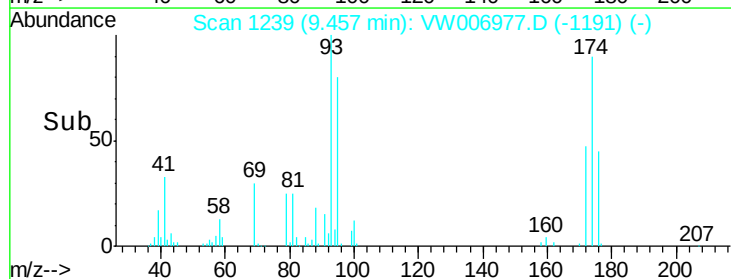
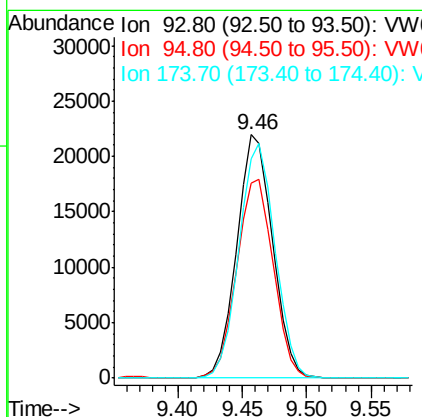
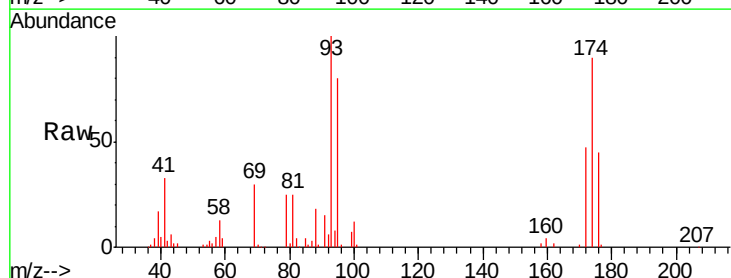
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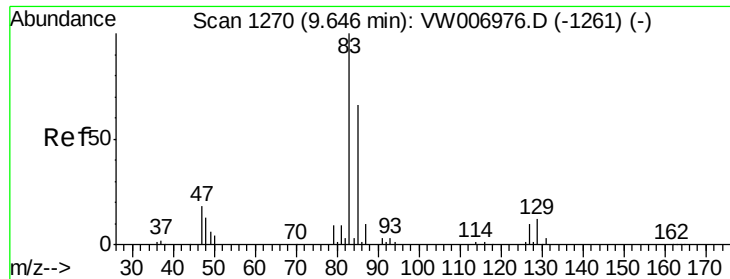
MMDadoda
 11/21/2018 11:32:35 AM



#46
 Dibromomethane
 Concen: 71.44 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW006977.D
 Acq: 20 Nov 2018 15:30

Tgt Ion: 93 Resp: 42285
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.1 99.1
 174 96.9 79.7 119.5





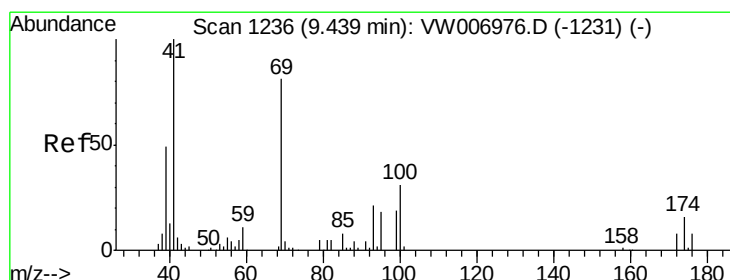
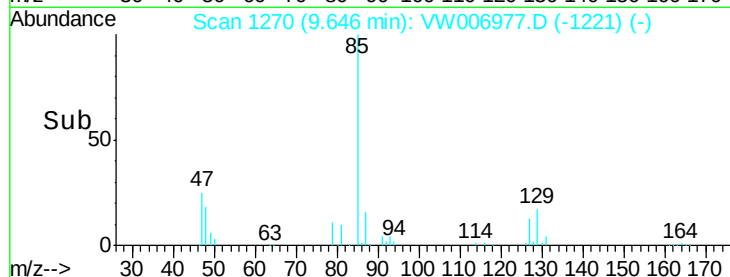
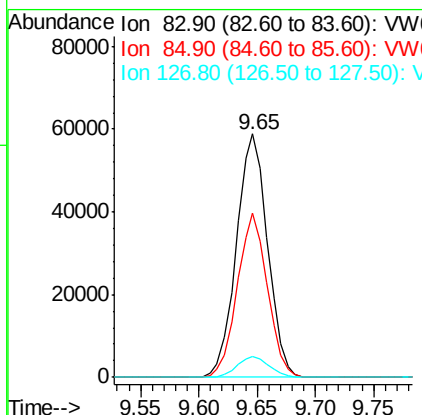
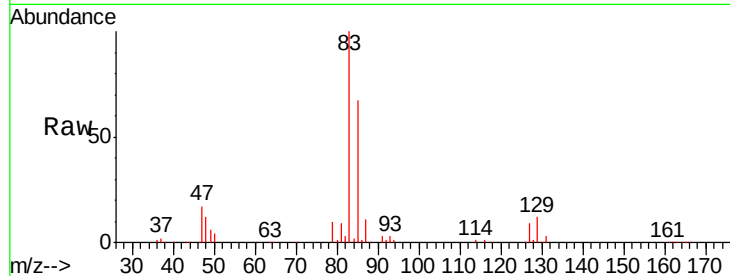
#47
 Bromodichloromethane
 Concen: 70.30 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VW006977.D
 Acq: 20 Nov 2018 15:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	109640		
85	67.3	52.9	79.3	
127	8.8	7.8	11.6	

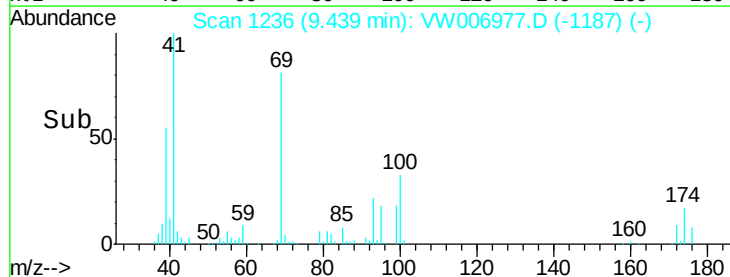
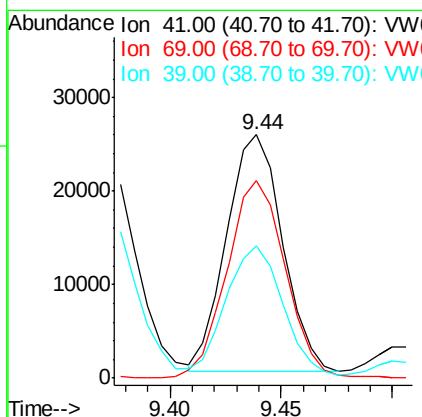
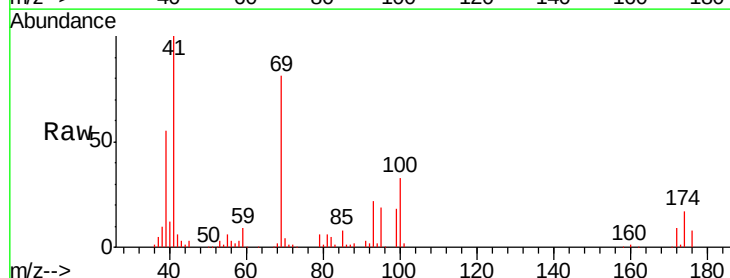
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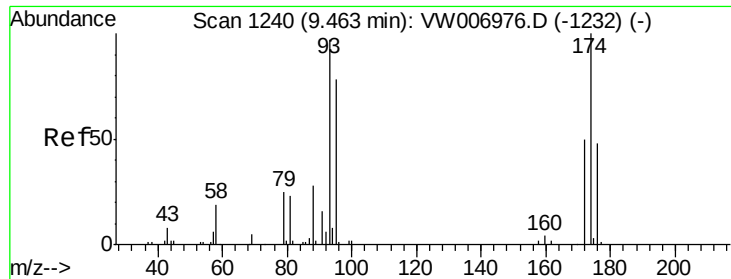
MMDadoda
 11/21/2018 11:32:35 AM



#48
 Methyl methacrylate
 Concen: 74.92 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VW006977.D
 Acq: 20 Nov 2018 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	44315		
69	87.3	71.4	107.0	
39	55.0	44.8	67.2	





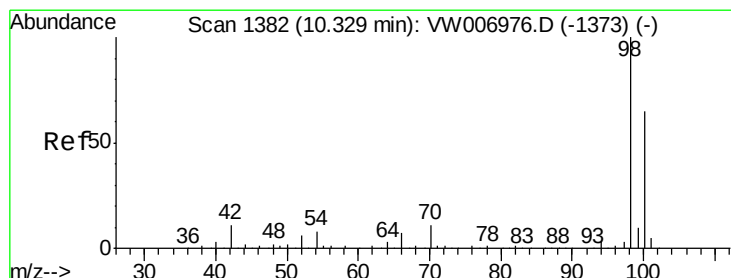
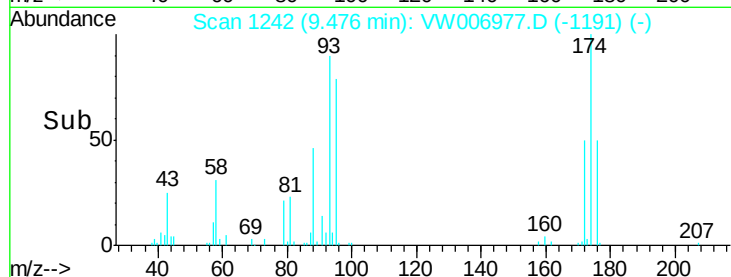
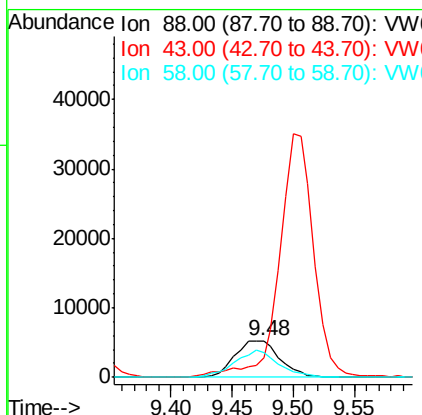
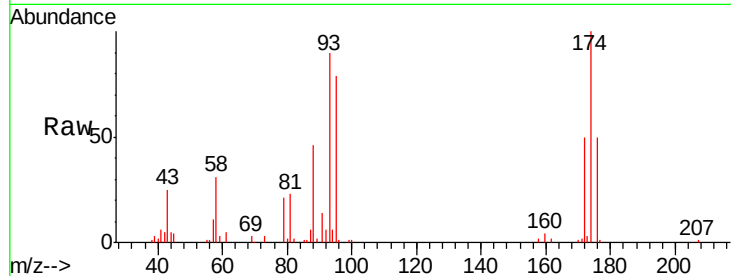
#49
1,4-Dioxane
Concen: 1521.55 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	13386		
43	0.0	0.0	0.0	0.0
58	72.9	59.0	88.6	

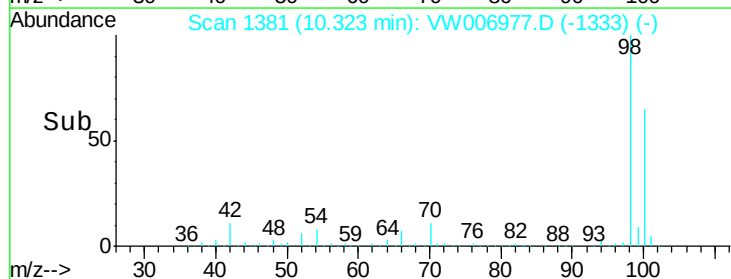
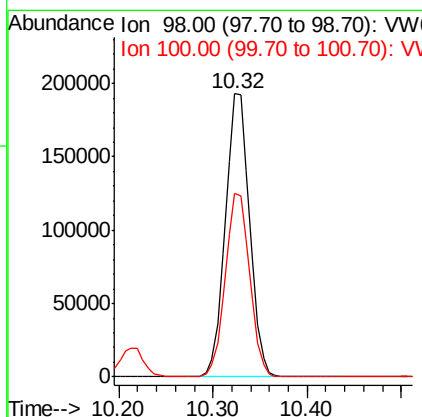
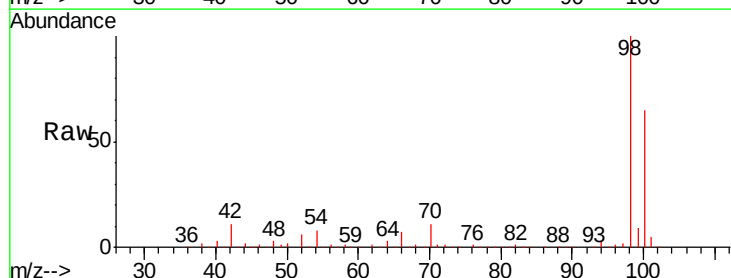
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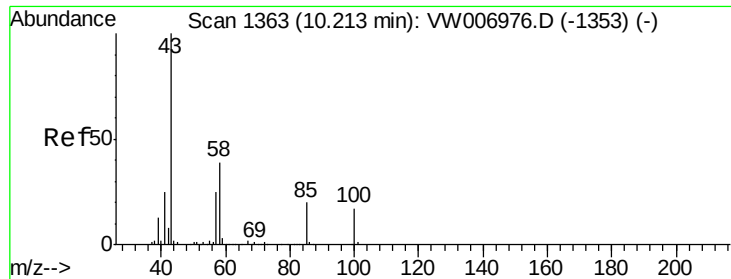
MMDadoda
11/21/2018 11:32:35 AM



#50
Toluene-d8
Concen: 75.96 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	344344		
100	65.3	52.2	78.2	





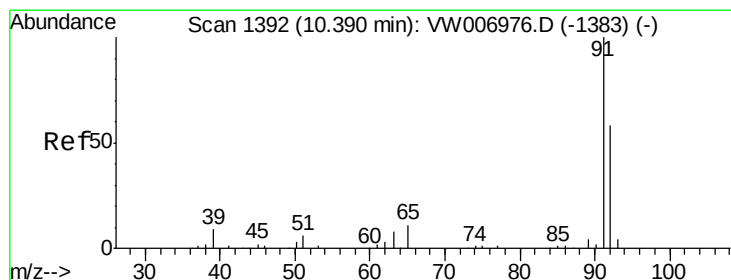
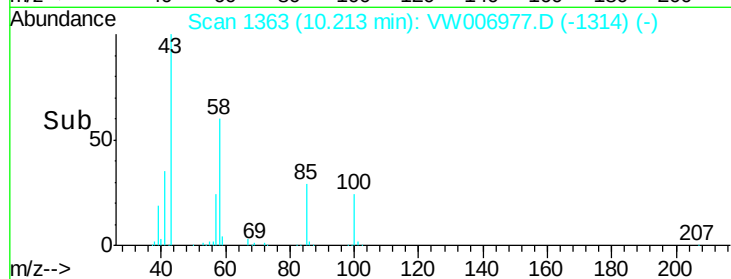
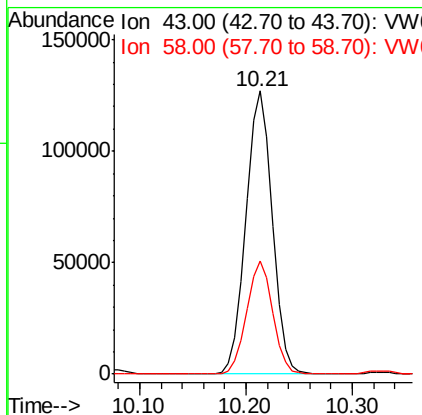
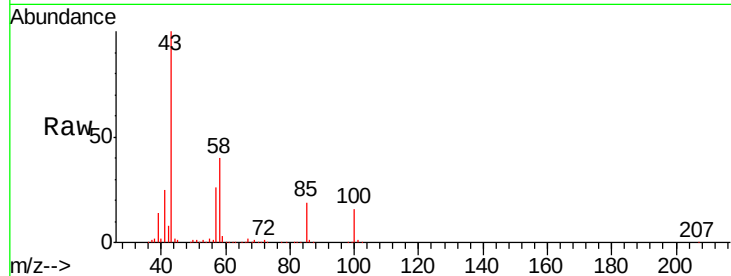
#51
 4-Methyl-2-Pentanone
 Concen: 358.49 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW006977.D
 Acq: 20 Nov 2018 15:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion: 43 Resp: 222225
 Ion Ratio Lower Upper
 43 100
 58 39.2 31.8 47.6

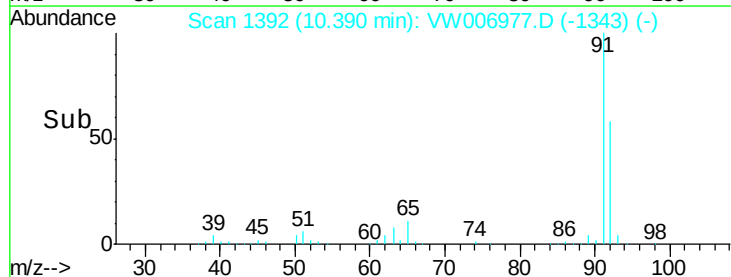
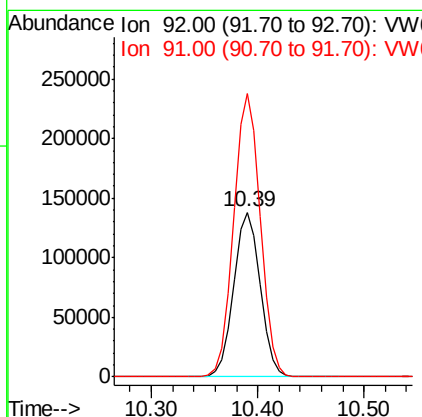
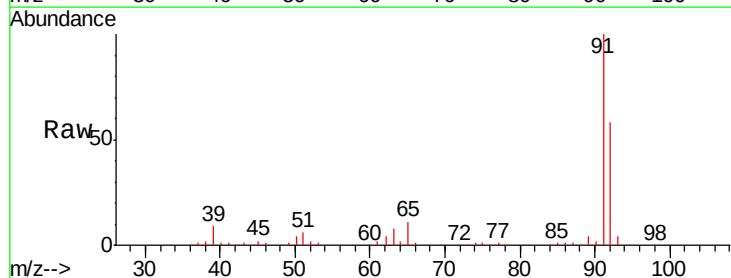
Manual Integrations
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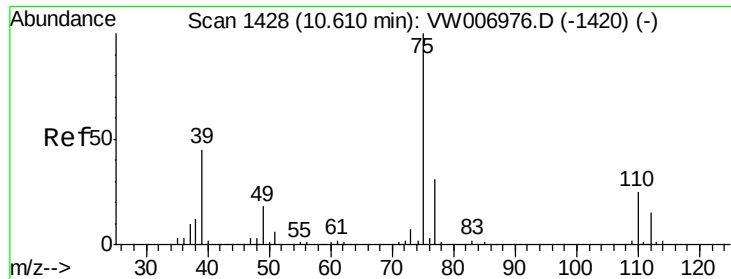
MMDadoda
 11/21/2018 11:32:35 AM



#52
 Toluene
 Concen: 73.93 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW006977.D
 Acq: 20 Nov 2018 15:30

Tgt Ion: 92 Resp: 241241
 Ion Ratio Lower Upper
 92 100
 91 172.9 137.3 205.9





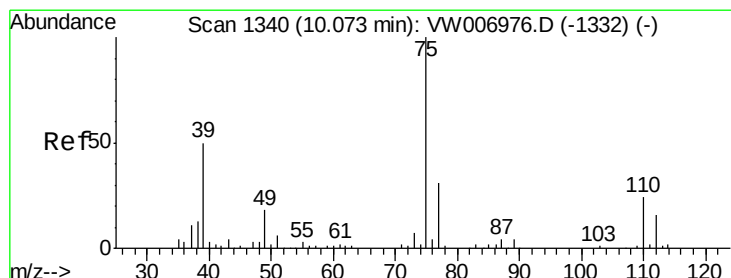
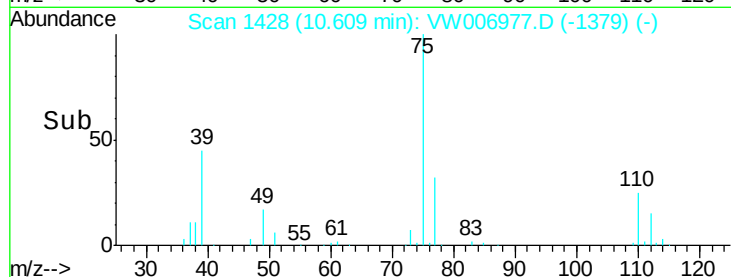
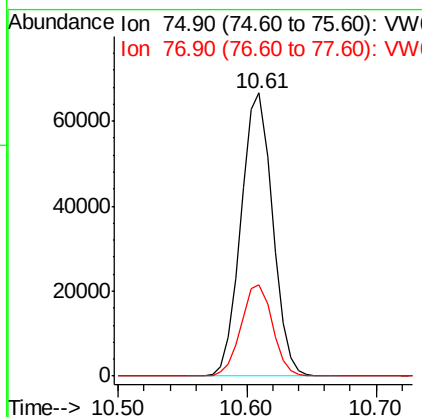
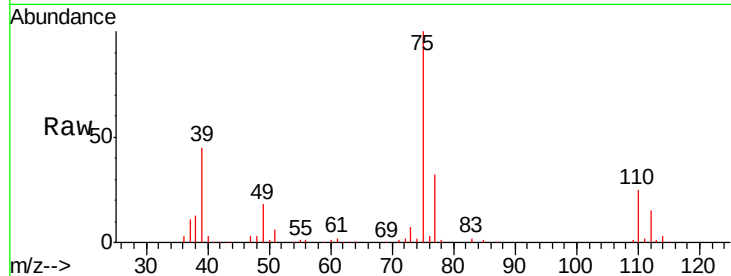
#53
t-1,3-Dichloropropene
Concen: 74.69 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion: 75 Resp: 112835
Ion Ratio Lower Upper
75 100
77 32.4 24.7 37.1

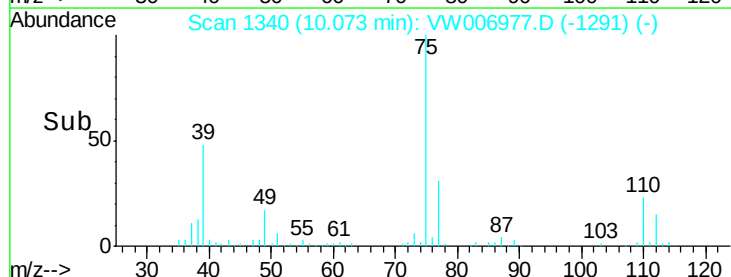
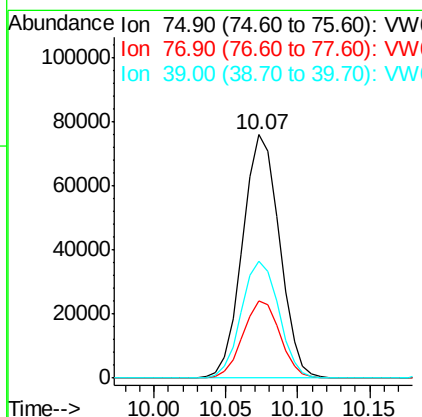
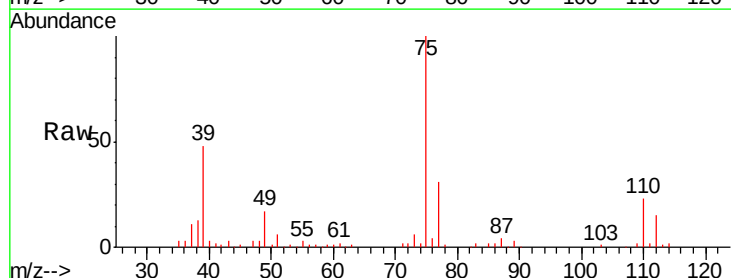
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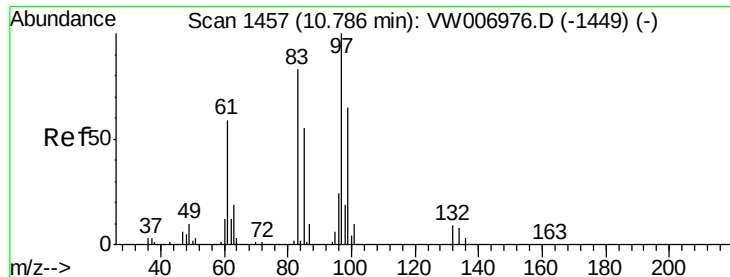
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 74.03 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Tgt Ion: 75 Resp: 135121
Ion Ratio Lower Upper
75 100
77 31.5 25.0 37.6
39 48.2 39.9 59.9





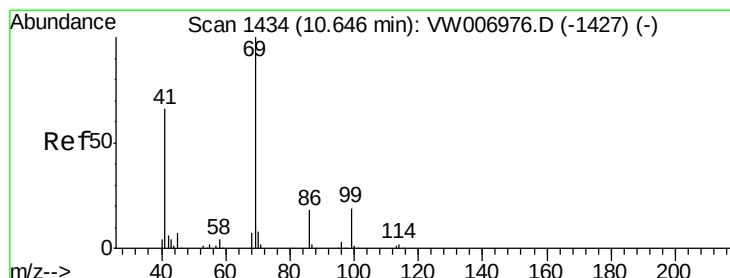
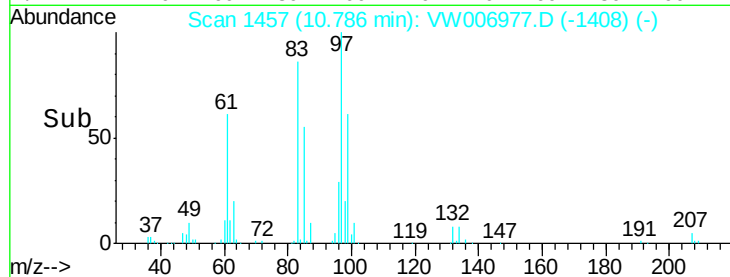
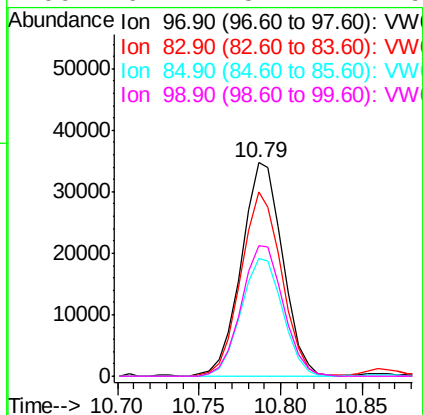
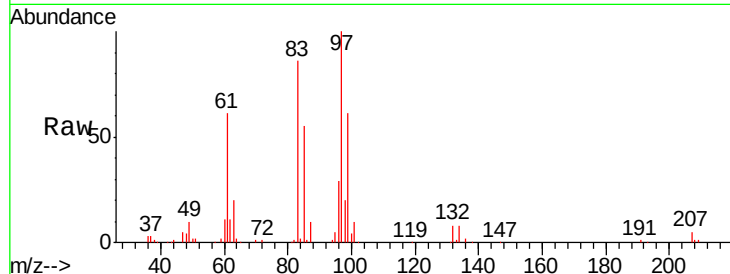
#55
 1,1,2-Trichloroethane
 Concen: 70.46 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW006977.D
 Acq: 20 Nov 2018 15:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion:	97	Resp:	61357
Ion	Ratio	Lower	Upper
97	100		
83	86.2	66.4	99.6
85	55.1	44.1	66.1
99	61.2	51.7	77.5

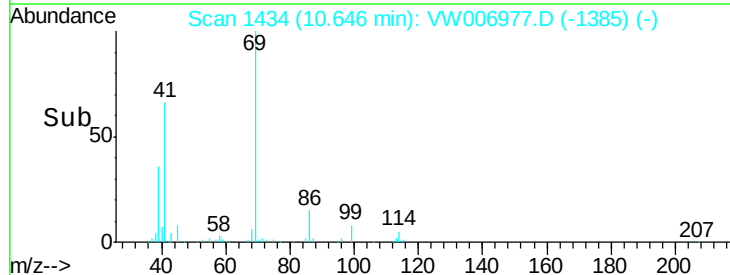
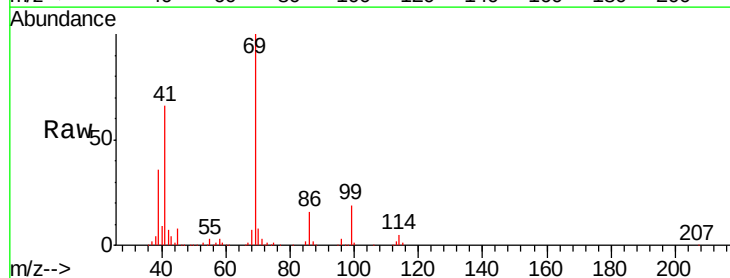
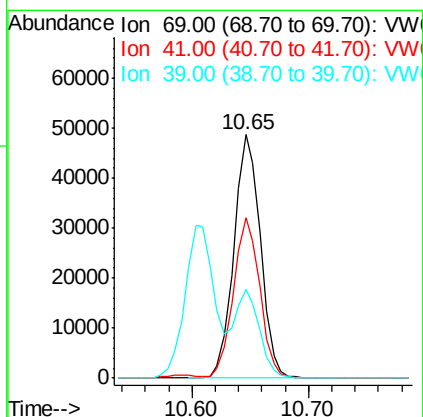
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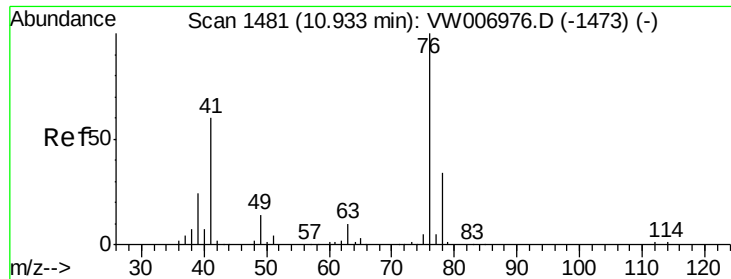
MMDadoda
 11/21/2018 11:32:35 AM



#56
 Ethyl methacrylate
 Concen: 76.39 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW006977.D
 Acq: 20 Nov 2018 15:30

Tgt Ion:	69	Resp:	77216
Ion	Ratio	Lower	Upper
69	100		
41	65.6	53.4	80.0
39	35.0	28.2	42.4





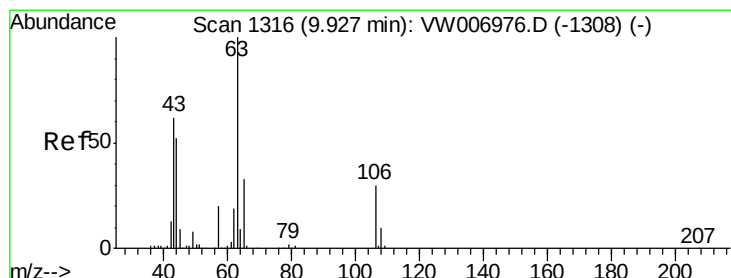
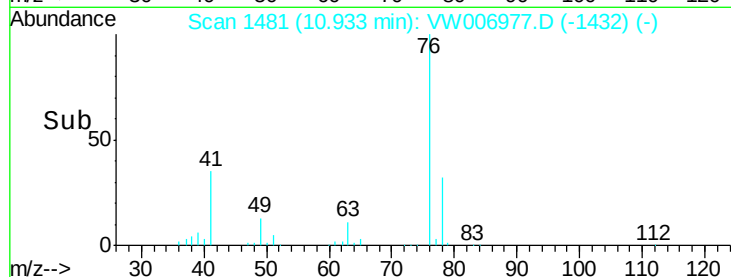
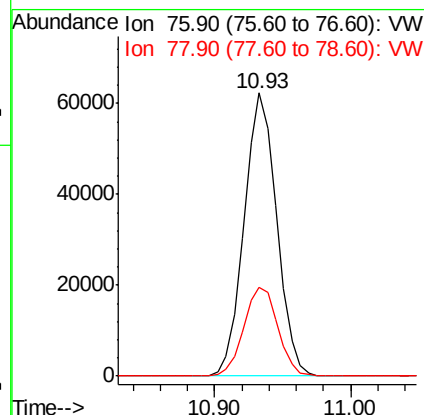
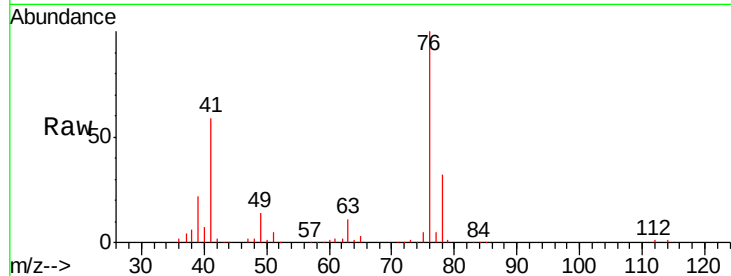
#57
 1,3-Dichloropropane
 Concen: 71.64 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW006977.D
 Acq: 20 Nov 2018 15:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion: 76 Resp: 104545
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.8 38.6

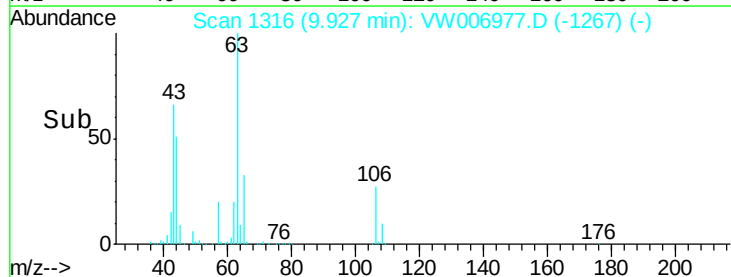
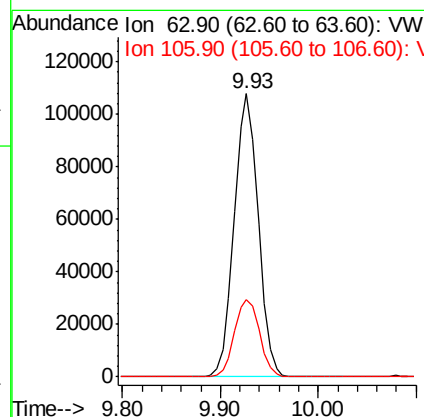
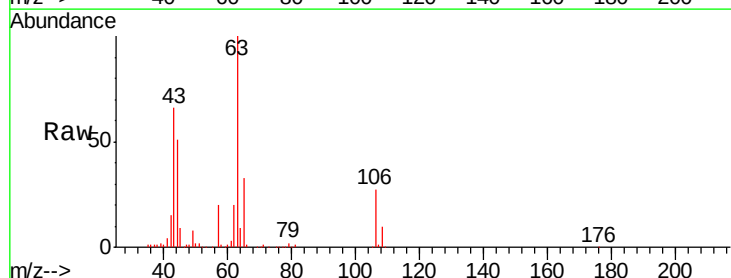
Manual Integrations
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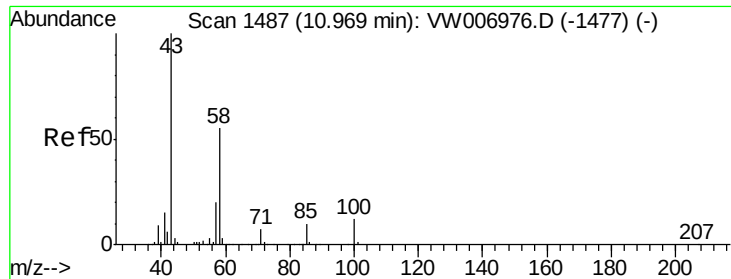
MMDadoda
 11/21/2018 11:32:35 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 348.17 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW006977.D
 Acq: 20 Nov 2018 15:30

Tgt Ion: 63 Resp: 183912
 Ion Ratio Lower Upper
 63 100
 106 28.7 23.5 35.3





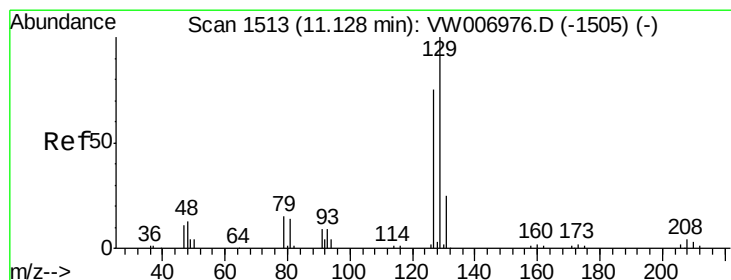
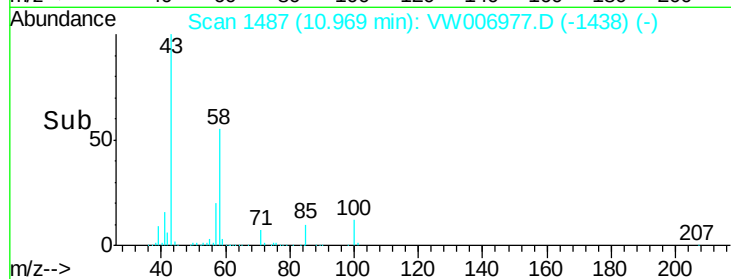
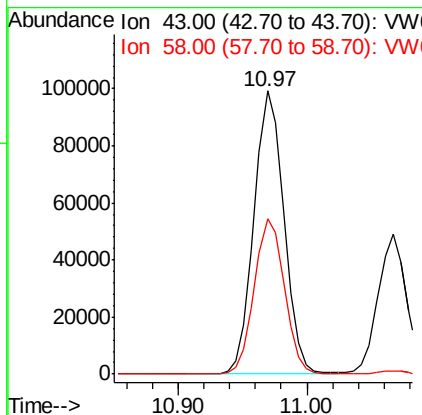
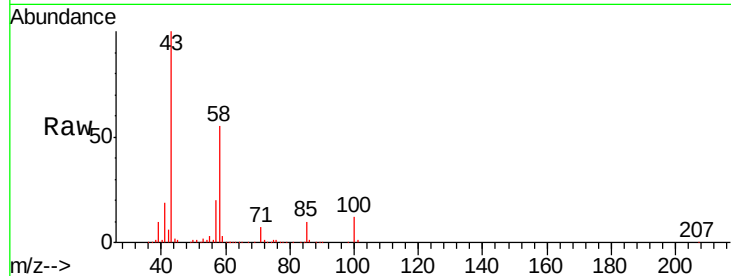
#59
2-Hexanone
Concen: 376.60 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion: 43 Resp: 159865
Ion Ratio Lower Upper
43 100
58 54.9 27.3 81.8

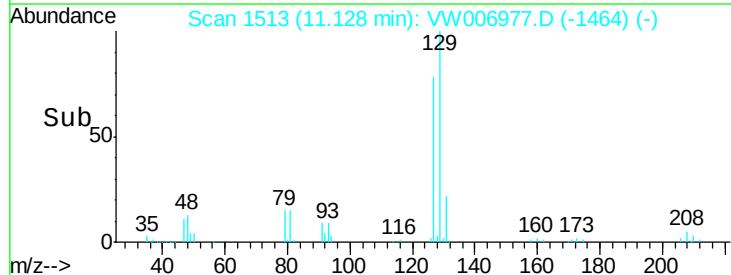
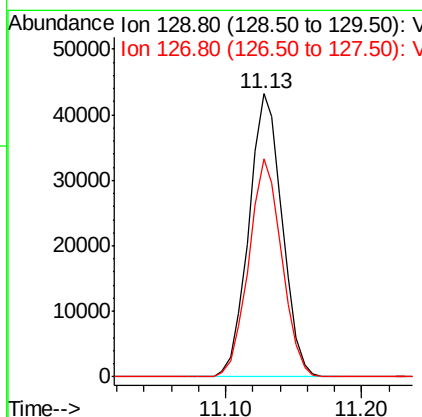
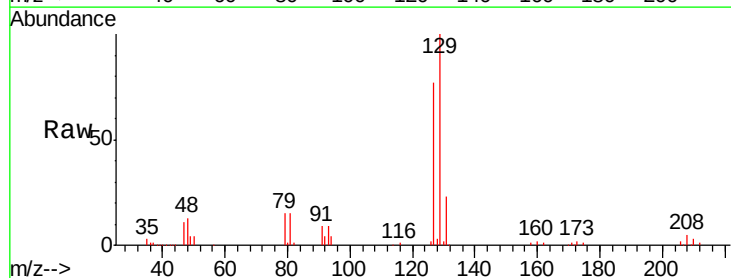
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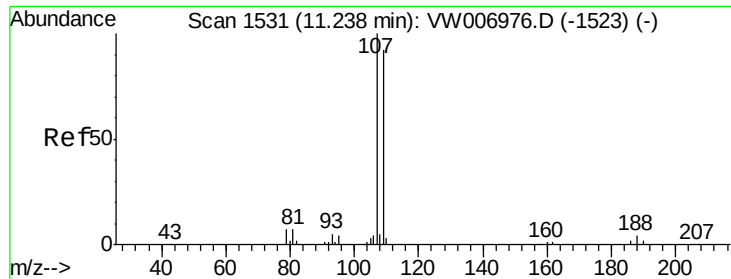
MMDadoda
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#60
Dibromochloromethane
Concen: 74.66 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Tgt Ion: 129 Resp: 74088
Ion Ratio Lower Upper
129 100
127 76.3 38.3 114.8





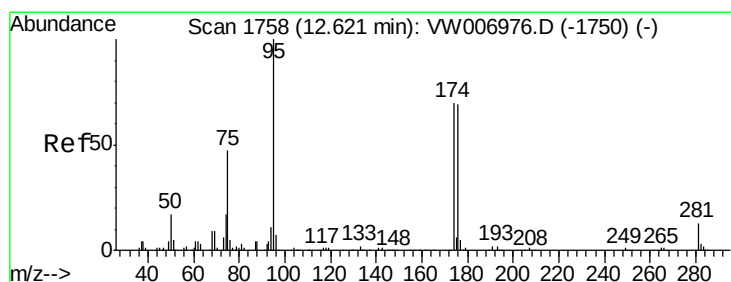
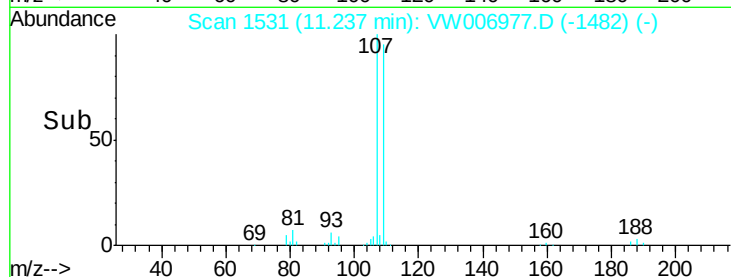
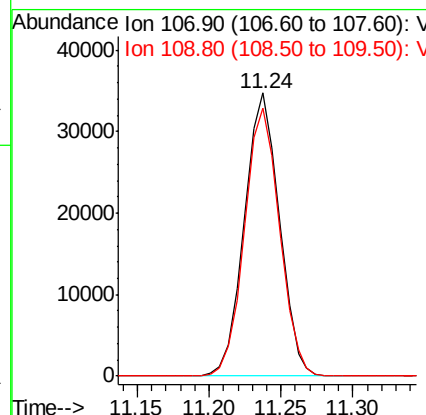
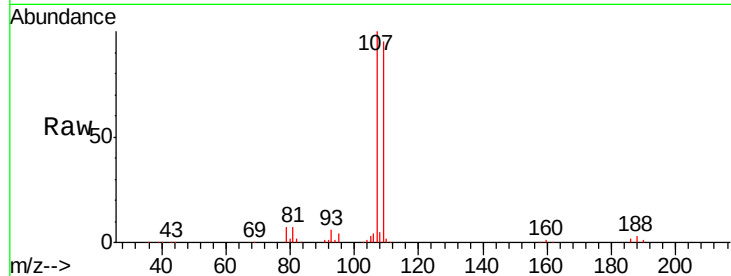
#61
 1,2-Dibromoethane
 Concen: 73.36 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006977.D
 Acq: 20 Nov 2018 15:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion: 107 Resp: 58442
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.1 112.7

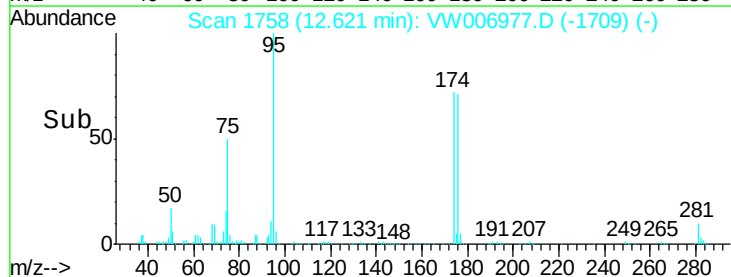
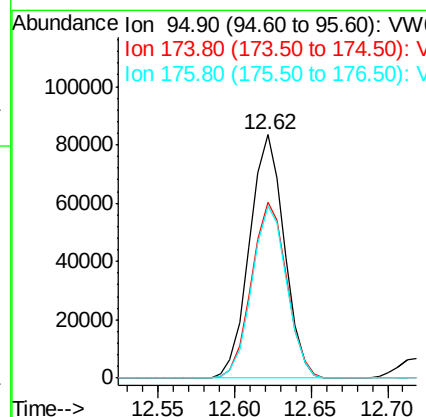
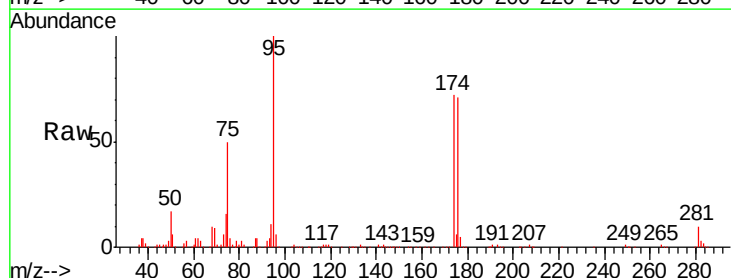
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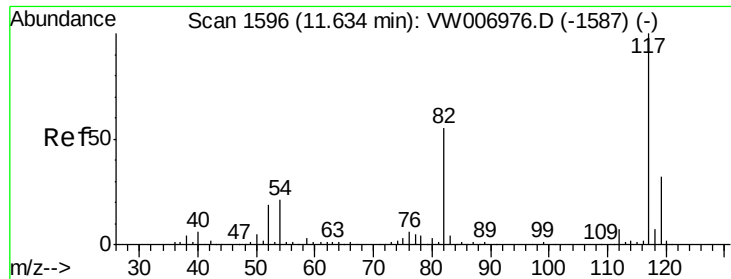
MMDadoda
 11/21/2018 11:32:35 AM



#62
 4-Bromofluorobenzene
 Concen: 73.98 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006977.D
 Acq: 20 Nov 2018 15:30

Tgt Ion: 95 Resp: 131962
 Ion Ratio Lower Upper
 95 100
 174 73.2 0.0 143.6
 176 70.9 0.0 140.4





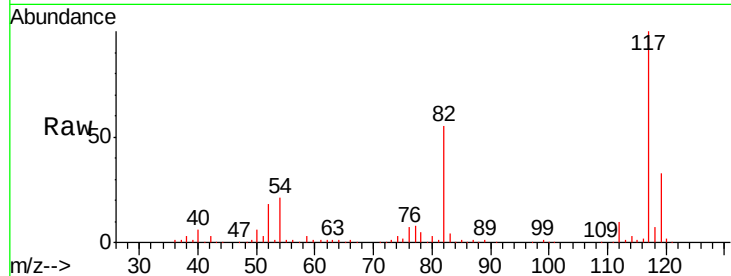
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

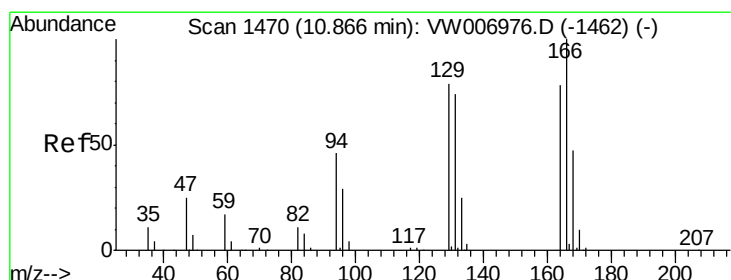
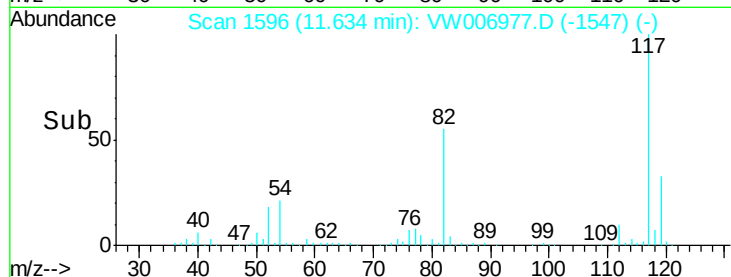
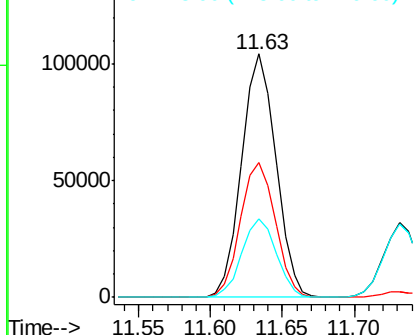
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	172650		
82	55.2	44.2	66.2	
119	32.5	25.9	38.9	

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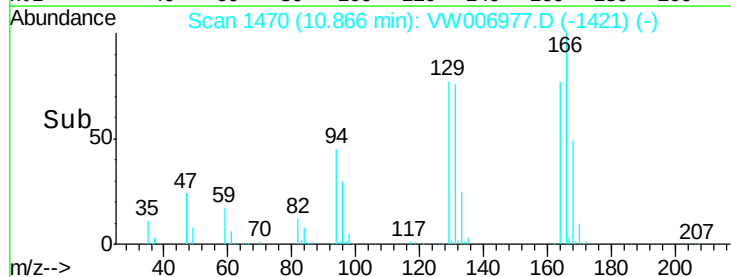
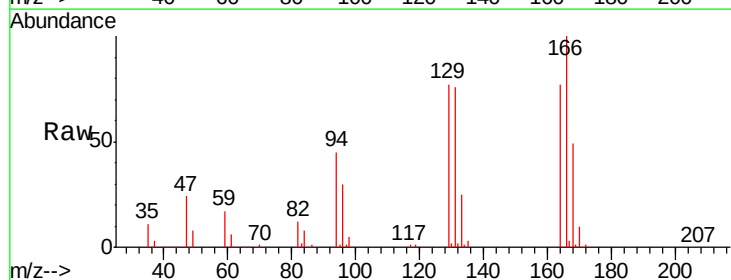
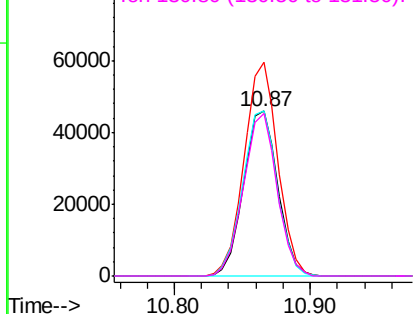
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

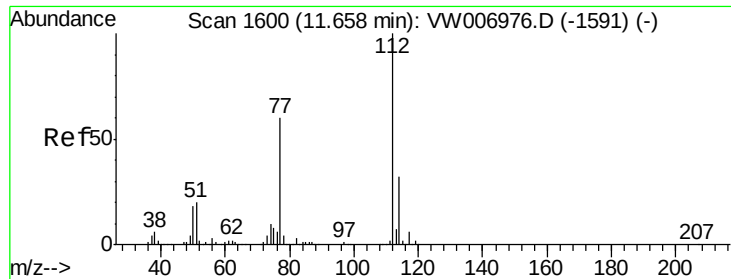


#64
Tetrachloroethene
Concen: 72.86 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	80928		
166	129.8	102.1	153.1	
129	100.3	80.4	120.6	
131	98.7	75.2	112.8	

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





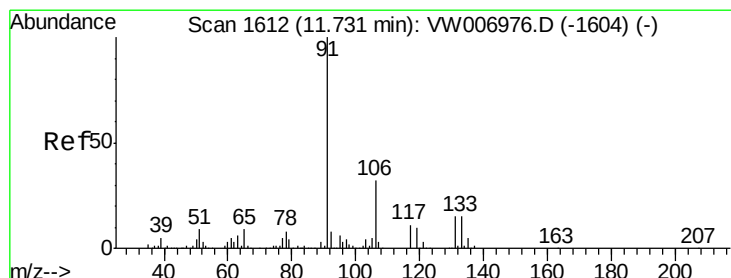
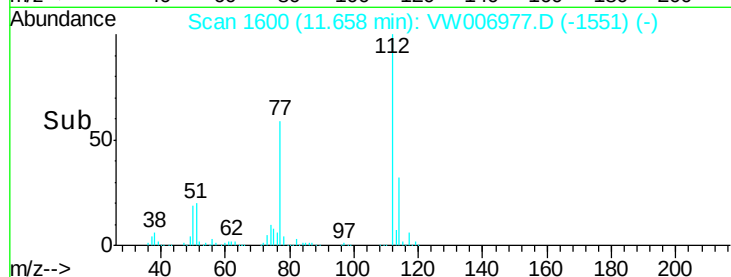
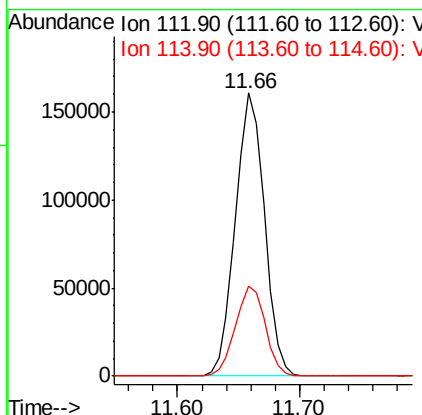
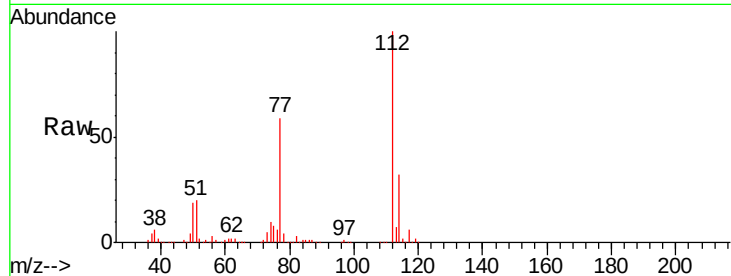
#65
Chlorobenzene
Concen: 73.45 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.8	38.8

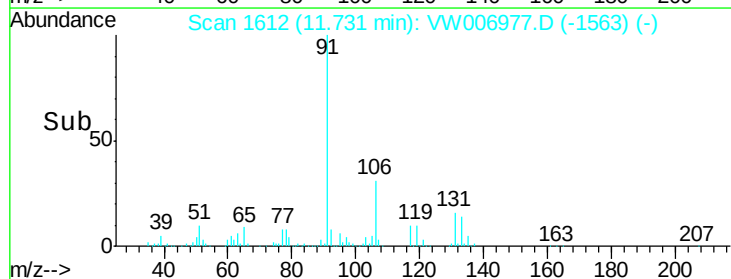
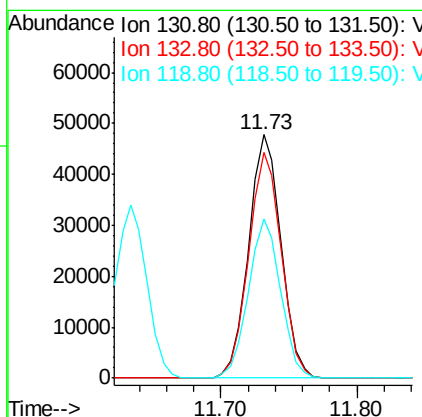
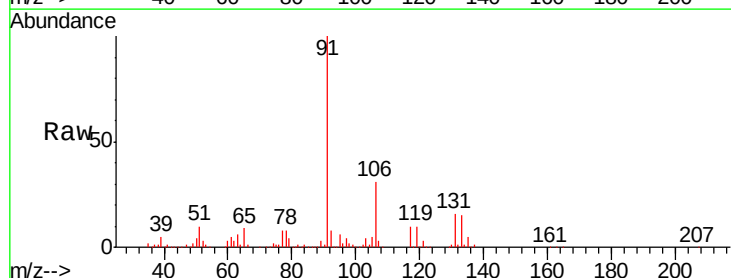
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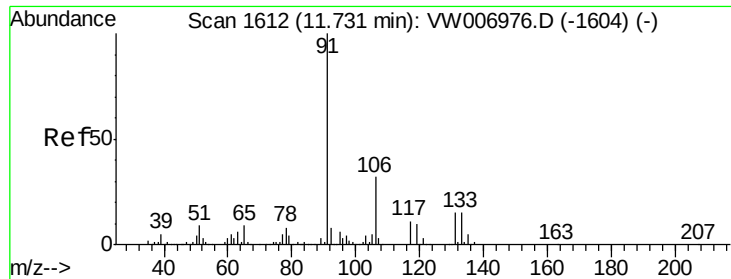
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#66
1,1,1,2-Tetrachloroethane
Concen: 73.14 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.3	47.7	143.1
119	65.2	31.8	95.3





#67

Ethyl Benzene

Concen: 73.57 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tgt Ion: 91 Resp: 487013

Ion Ratio Lower Upper

91 100

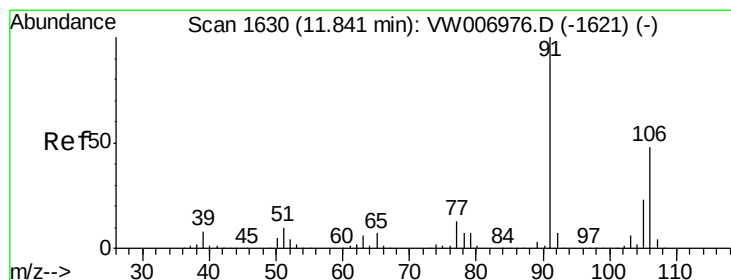
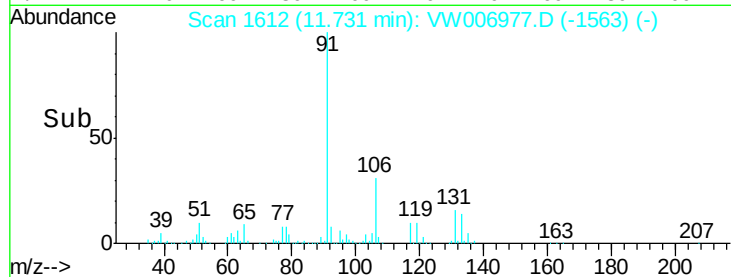
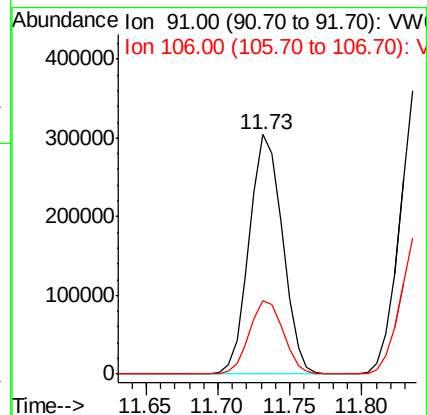
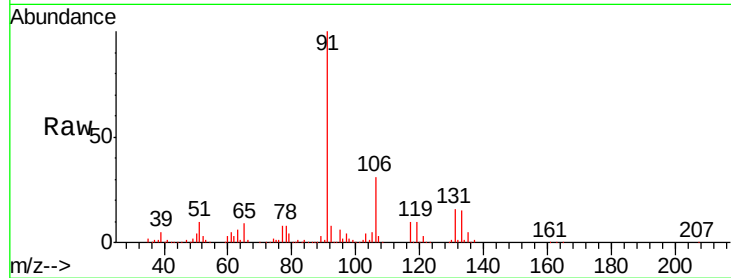
106 30.9 25.4 38.2

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#68

m/p-Xylenes

Concen: 145.89 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW006977.D

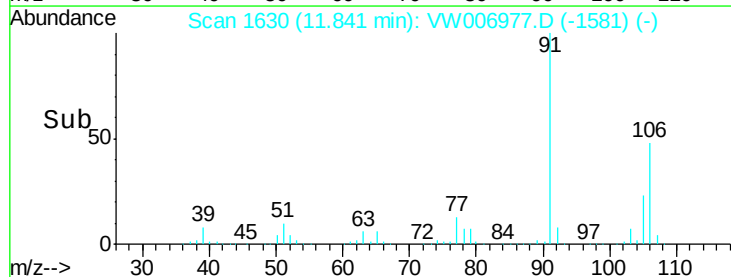
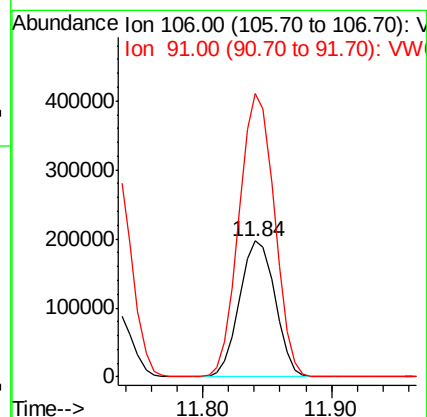
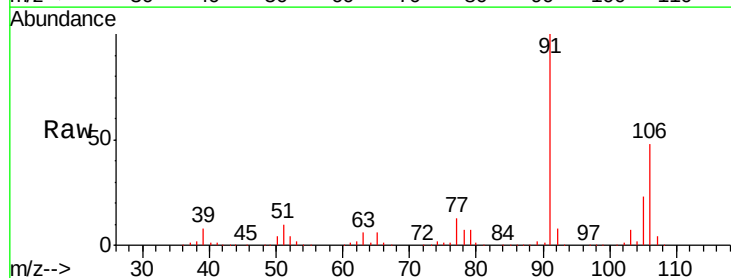
Acq: 20 Nov 2018 15:30

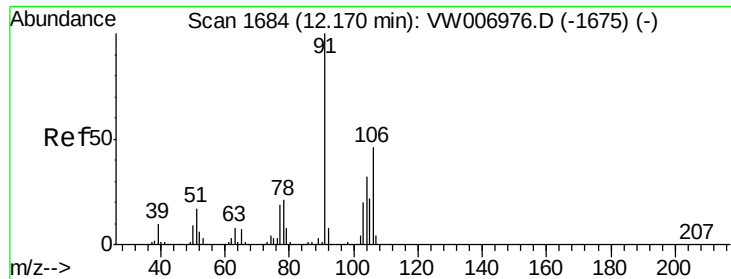
Tgt Ion: 106 Resp: 378888

Ion Ratio Lower Upper

106 100

91 206.6 164.8 247.2





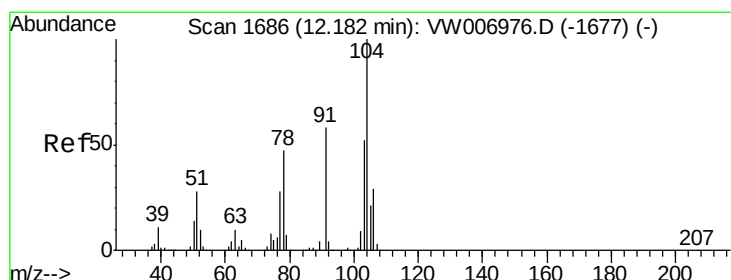
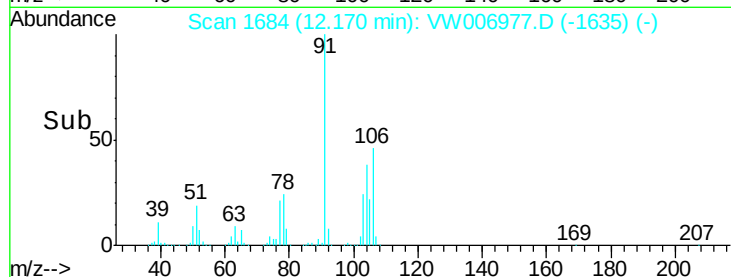
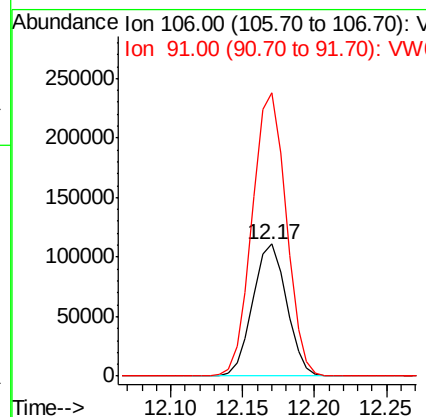
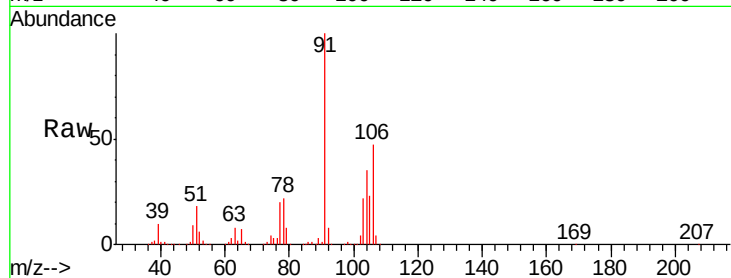
#69
o-Xylene
Concen: 73.68 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion:106 Resp: 180435
Ion Ratio Lower Upper
106 100
91 214.7 107.9 323.8

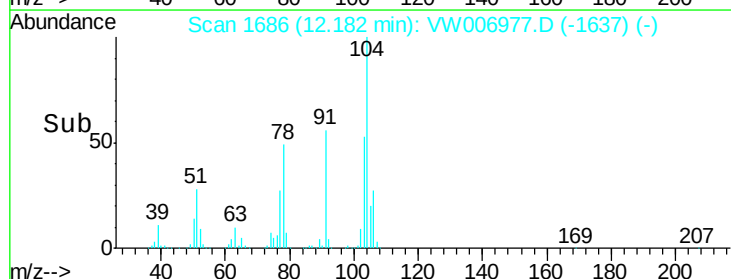
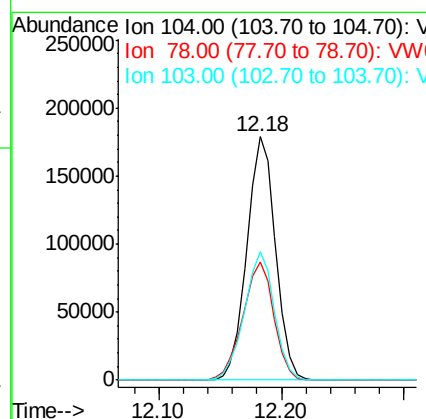
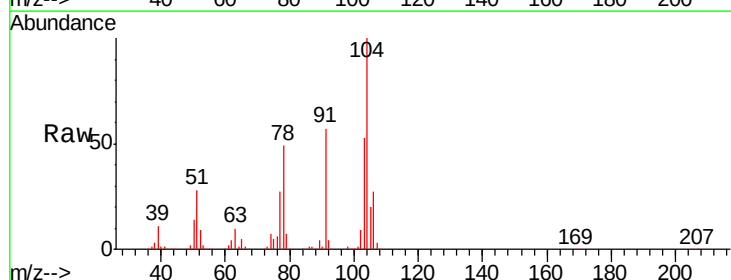
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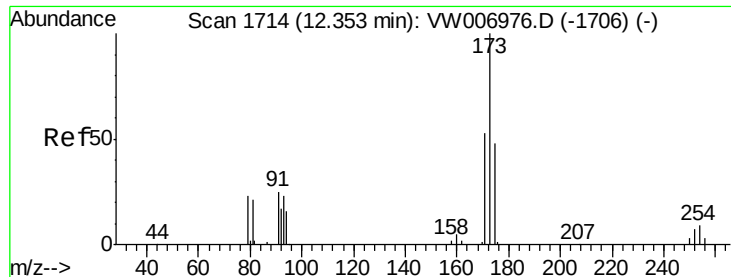
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#70
Styrene
Concen: 74.62 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Tgt Ion:104 Resp: 290855
Ion Ratio Lower Upper
104 100
78 52.3 41.8 62.8
103 55.3 44.4 66.6





#71

Bromoform

Concen: 75.15 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

Instrument :

MSVOA_W

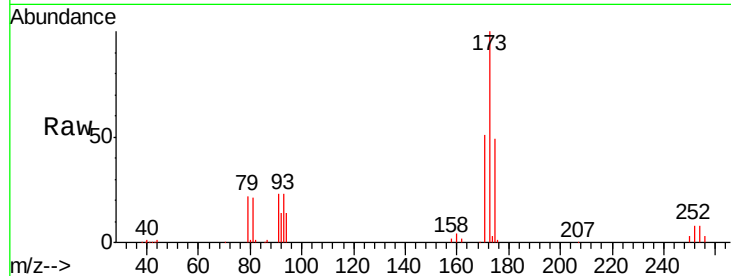
ClientSampleId :

VSTDIC075

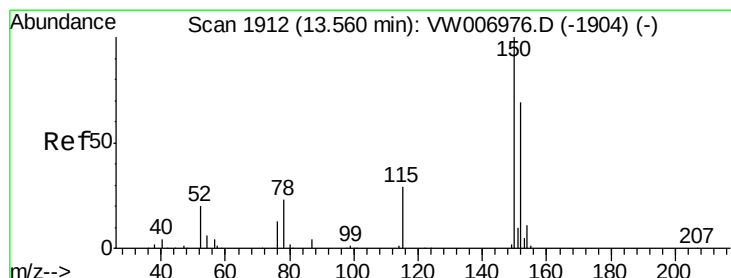
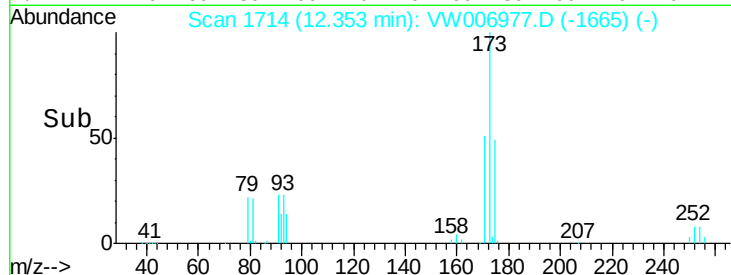
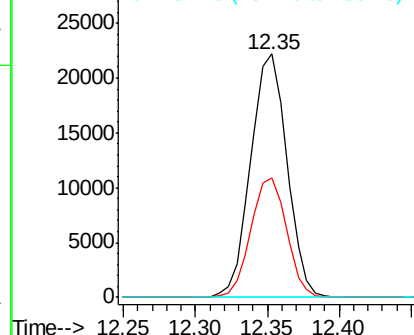
Tgt Ion:	173	Resp:	38589
Ion Ratio	Lower	Upper	
173	100		
175	48.2	24.0	72.0
254	0.0	0.0	0.0

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

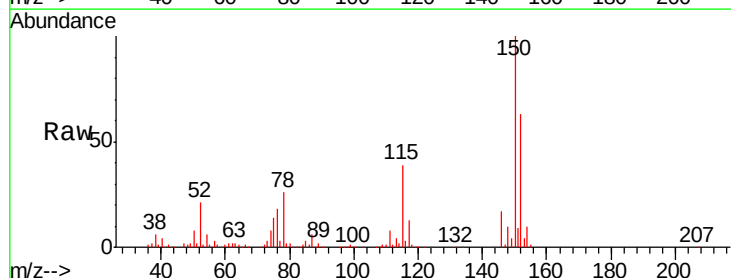
RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

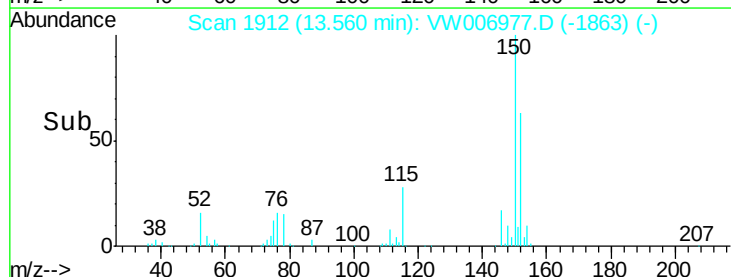
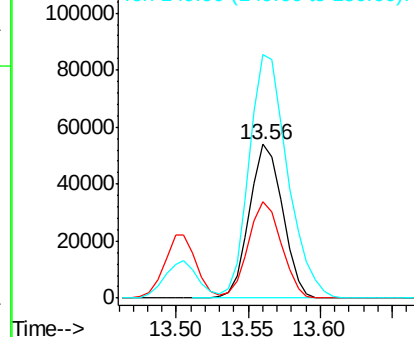
Lab File: VW006977.D

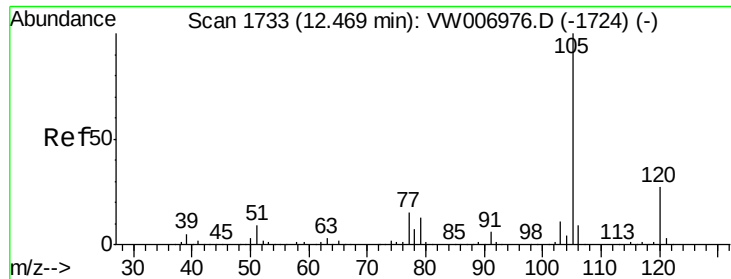
Acq: 20 Nov 2018 15:30

Tgt Ion:	152	Resp:	85935
Ion Ratio	Lower	Upper	
152	100		
115	62.5	31.4	94.2
150	182.9	0.0	353.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





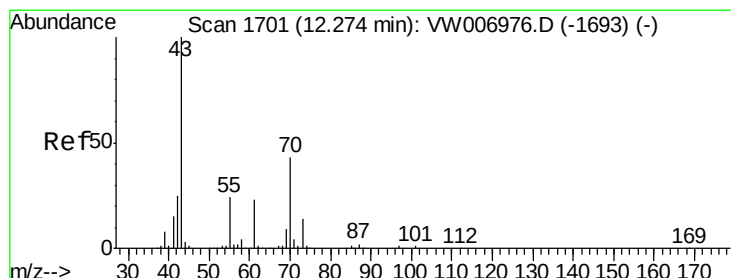
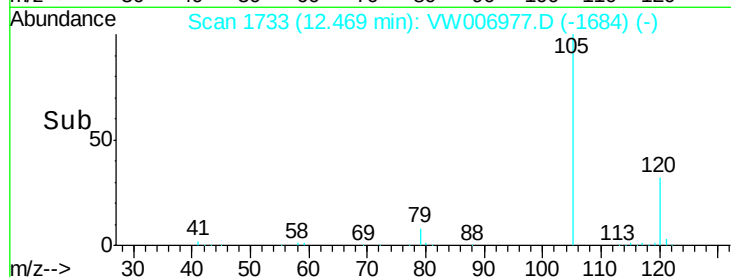
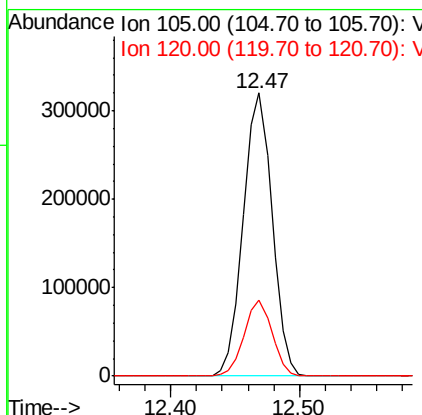
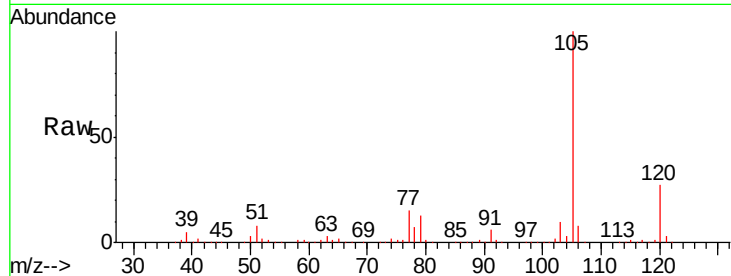
#73
Isopropylbenzene
Concen: 74.31 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion: 105 Resp: 496287
Ion Ratio Lower Upper
105 100
120 26.1 13.3 39.8

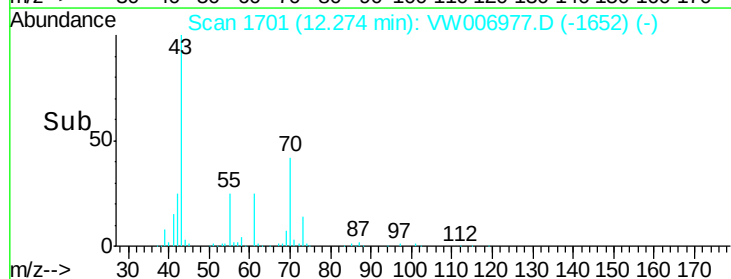
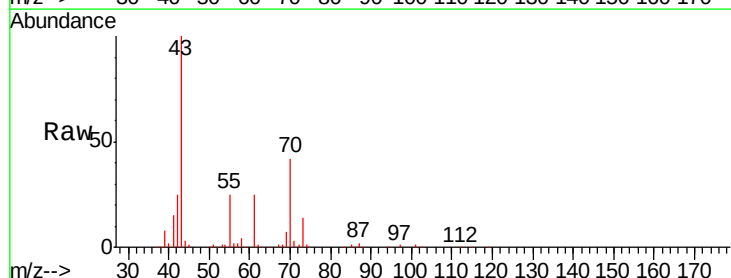
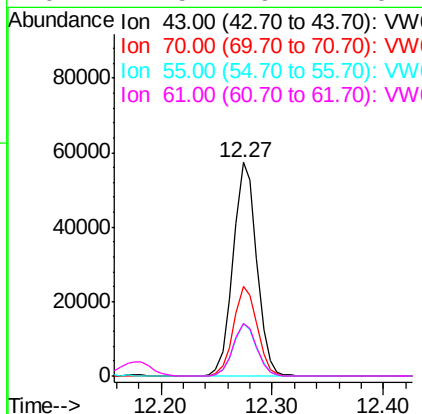
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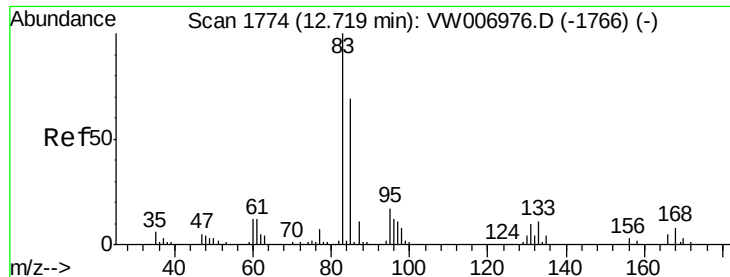
MMDadoda
11/21/2018 11:32:35 AM



#74
N-ethyl acetate
Concen: 75.40 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Tgt Ion: 43 Resp: 84398
Ion Ratio Lower Upper
43 100
70 41.8 34.0 51.0
55 24.5 19.4 29.0
61 24.5 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 71.91 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

Instrument :

MSVOA_W

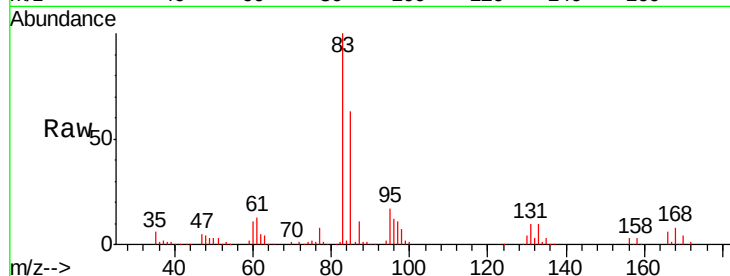
ClientSampleId :

VSTDIC075

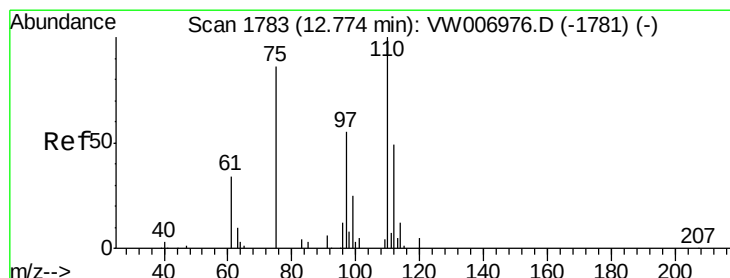
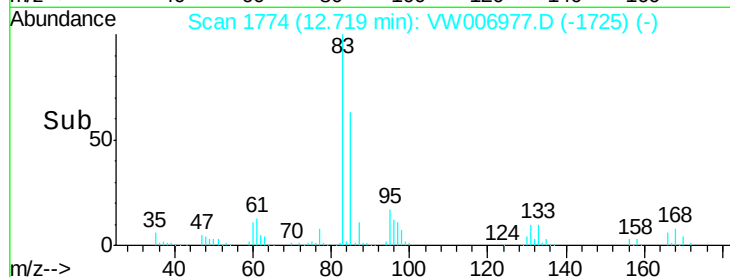
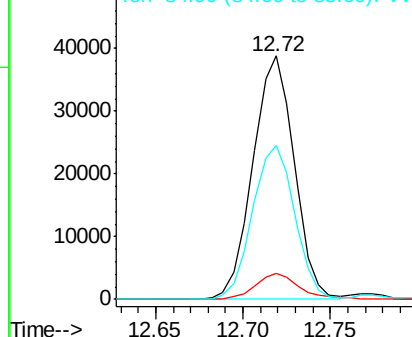
Tgt Ion:	83	Resp:	63918
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.7	17.1
85	64.2	33.1	99.2

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Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 45.19 ug/l m

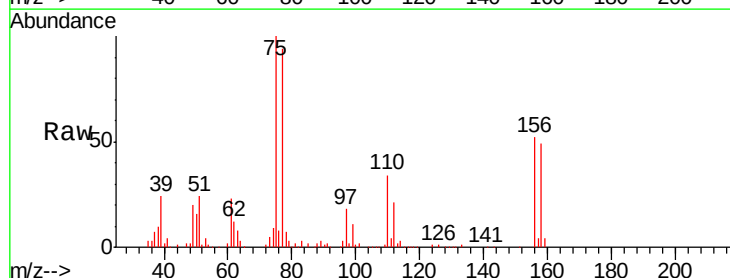
RT: 12.77 min Scan# 1782

Delta R.T. -0.01 min

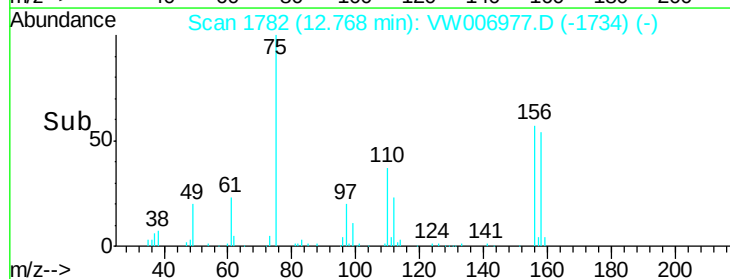
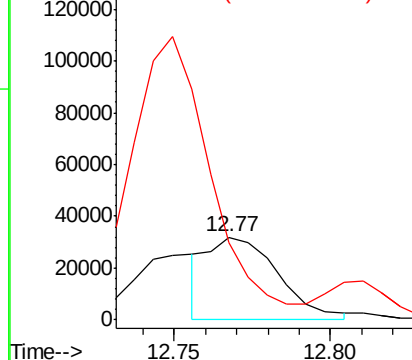
Lab File: VW006977.D

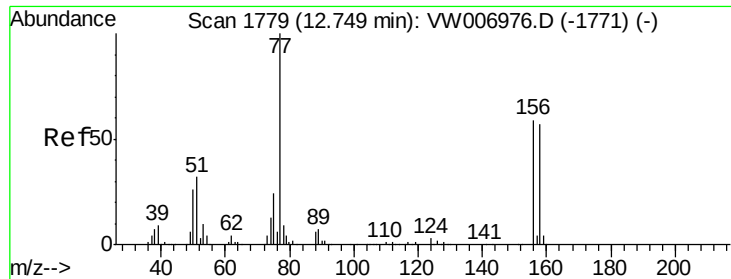
Acq: 20 Nov 2018 15:30

Tgt Ion:	75	Resp:	50262
Ion Ratio	Lower	Upper	
75	100		
77	388.9	0.0	0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 72.82 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

Instrument :

MSVOA_W

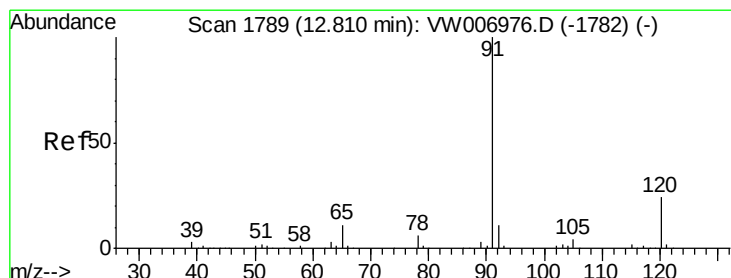
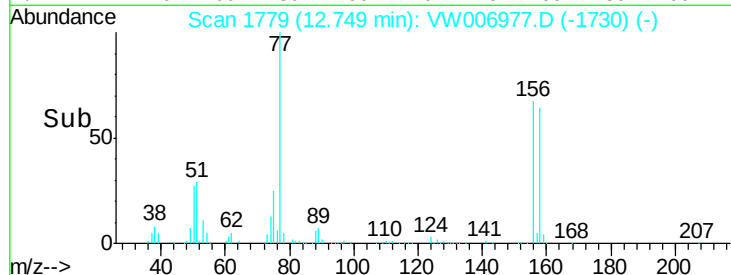
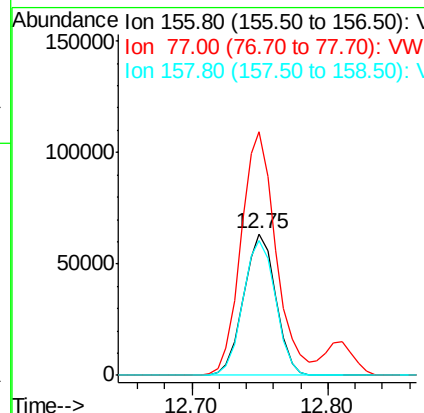
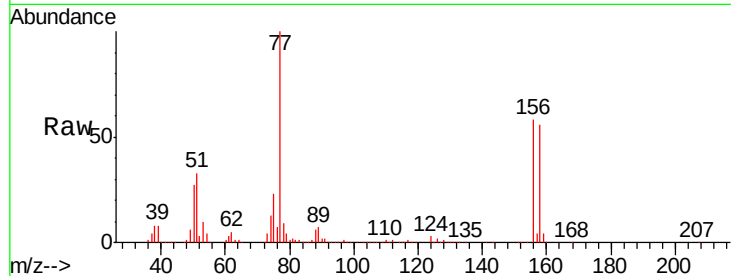
ClientSampleId :

VSTDIC075

Tgt Ion:	156	Resp:	104456
Ion Ratio	Lower	Upper	
156	100		
77	187.1	94.6	283.8
158	97.1	48.9	146.7

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#78

n-propylbenzene

Concen: 73.13 ug/l

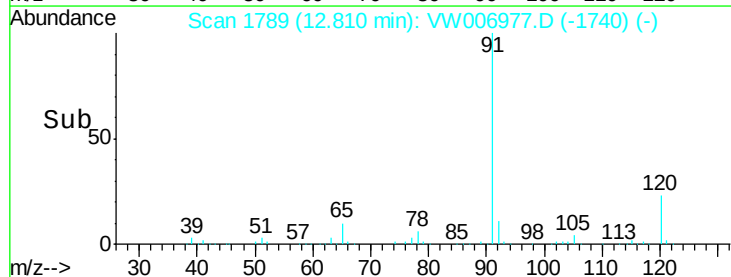
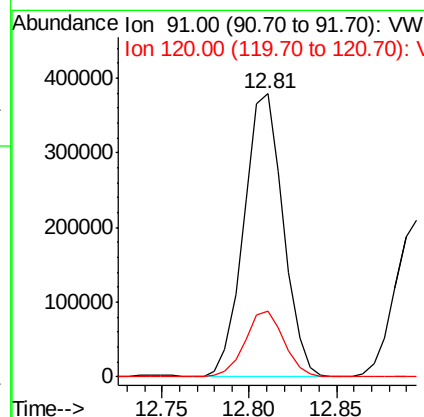
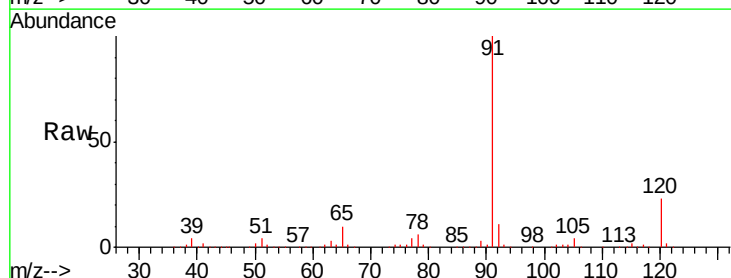
RT: 12.81 min Scan# 1789

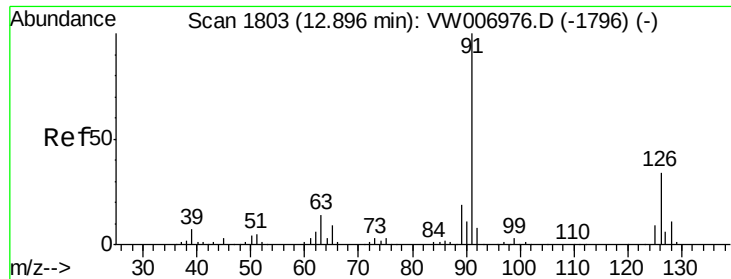
Delta R.T. -0.00 min

Lab File: VW006977.D

Acq: 20 Nov 2018 15:30

Tgt Ion:	91	Resp:	591628
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.7	35.1





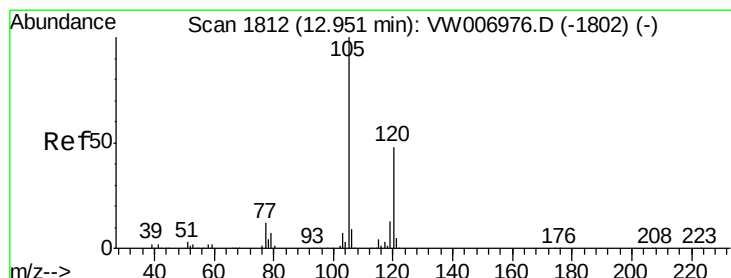
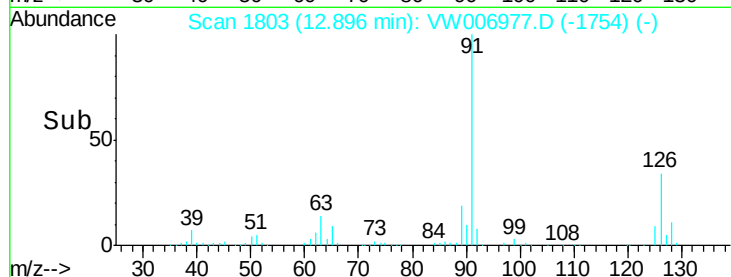
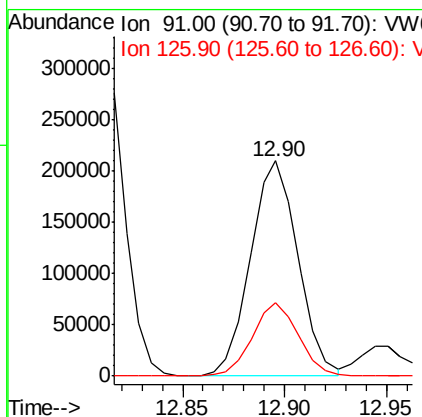
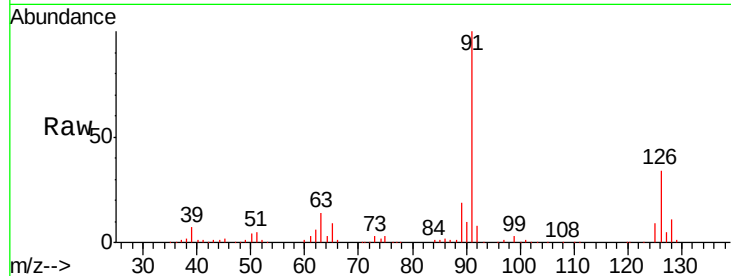
#79
 2-Chlorotoluene
 Concen: 72.48 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW006977.D
 Acq: 20 Nov 2018 15:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion: 91 Resp: 338110
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.7 50.0

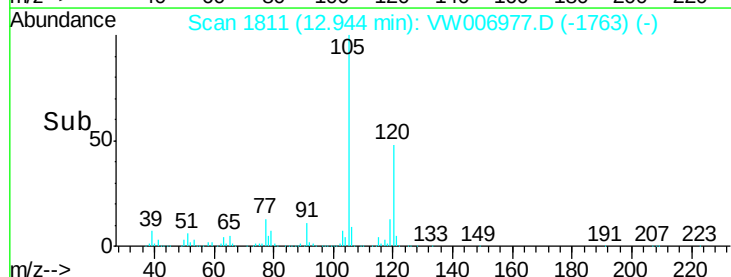
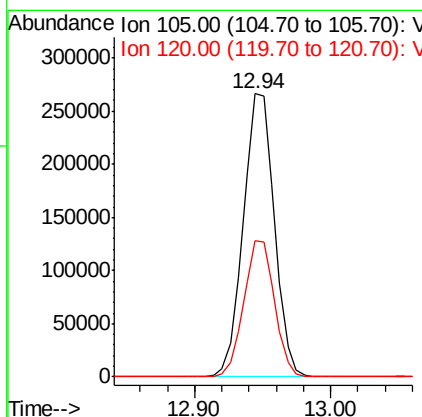
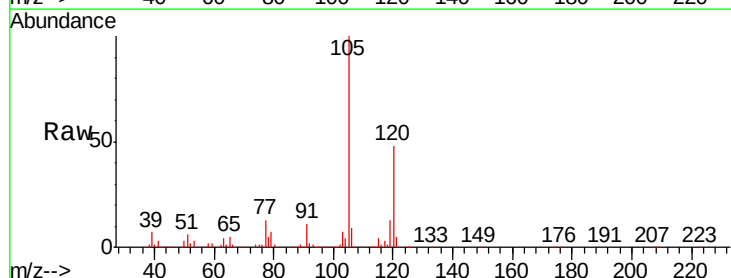
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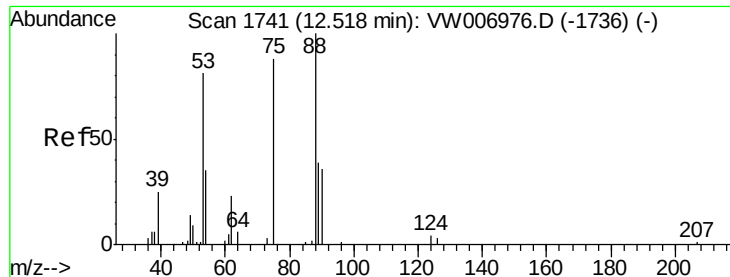
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 73.60 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: VW006977.D
 Acq: 20 Nov 2018 15:30

Tgt Ion: 105 Resp: 425095
 Ion Ratio Lower Upper
 105 100
 120 47.9 23.8 71.2





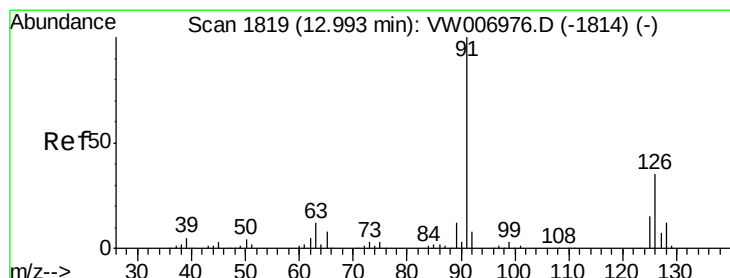
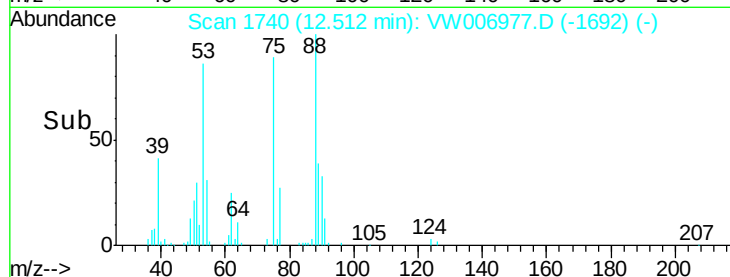
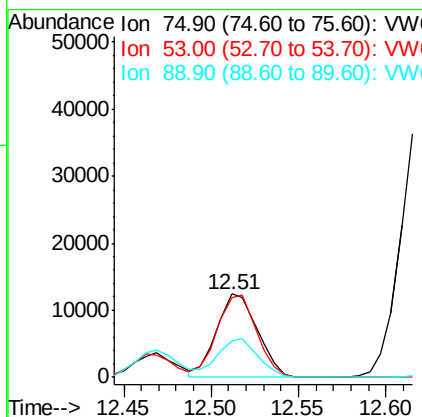
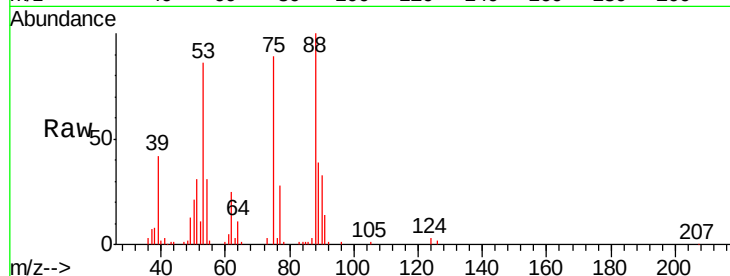
#81
trans-1,4-Dichloro-2-butene
Concen: 75.54 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion	Ratio	Lower	Upper
75	100		
53	95.8	77.6	116.4
89	46.4	39.3	58.9

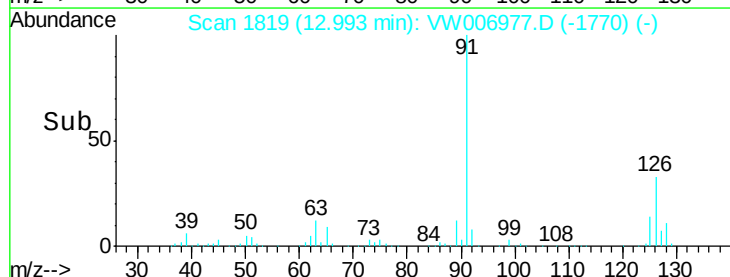
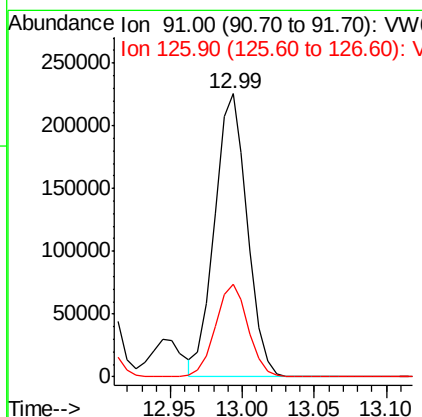
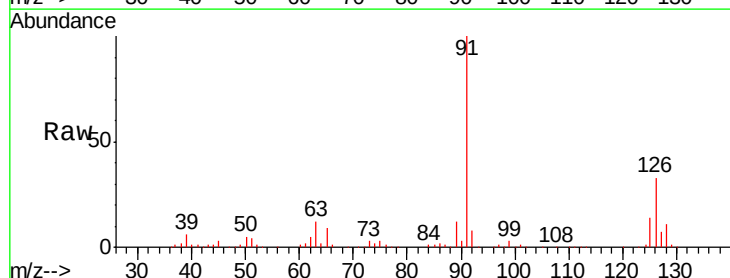
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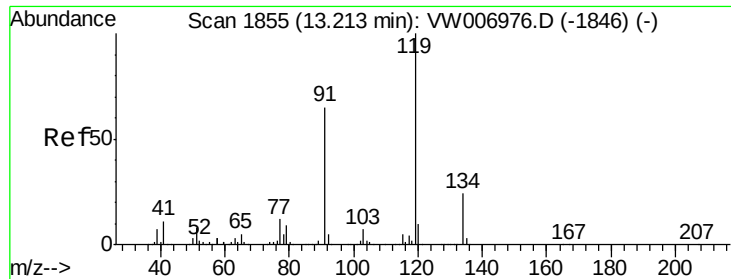
MMDadoda
11/21/2018 11:32:35 AM



#82
4-Chlorotoluene
Concen: 72.89 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.6	49.7





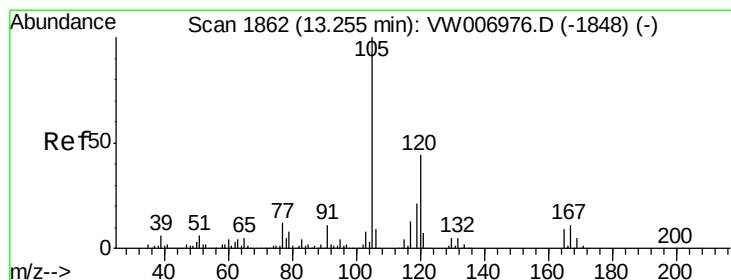
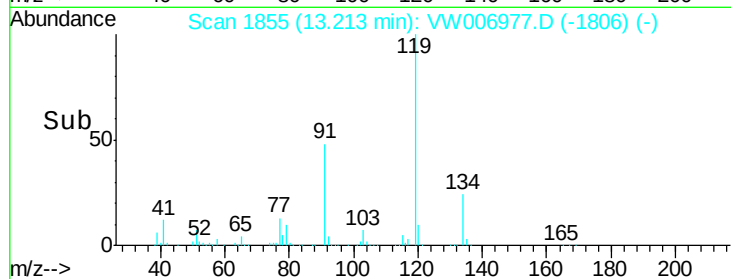
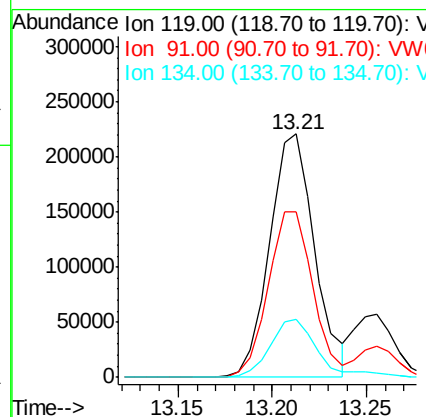
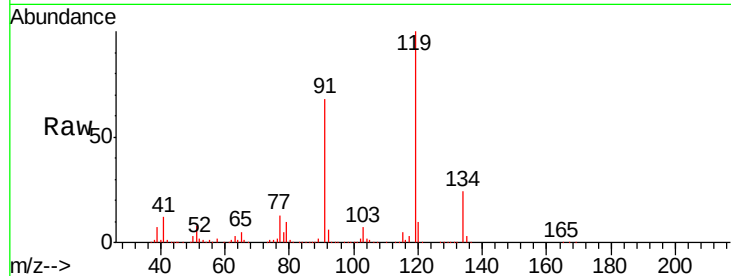
#83
 tert-Butylbenzene
 Concen: 73.09 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW006977.D
 Acq: 20 Nov 2018 15:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion	Ratio	Lower	Upper
119	100		
91	67.6	33.5	100.5
134	25.3	12.6	37.8

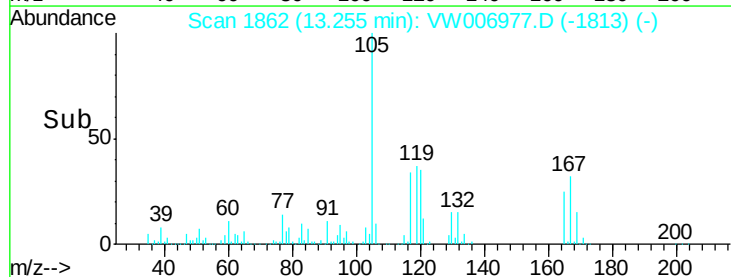
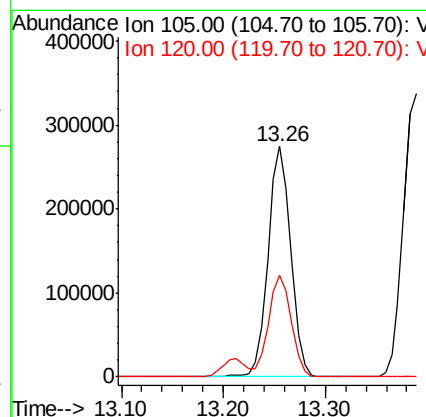
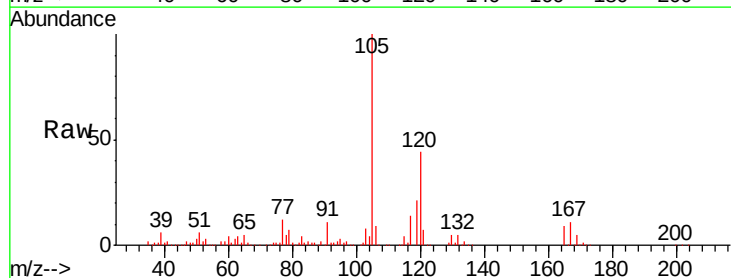
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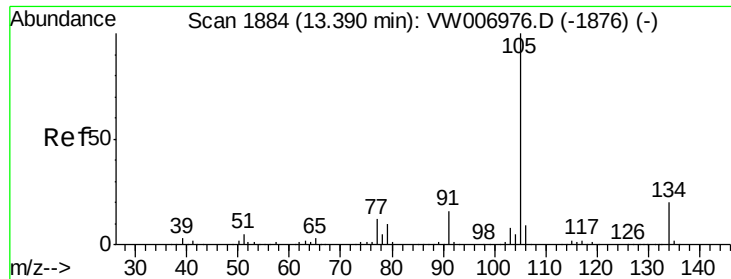
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#84
 1,2,4-Trimethylbenzene
 Concen: 73.49 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW006977.D
 Acq: 20 Nov 2018 15:30

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.4	21.8	65.3





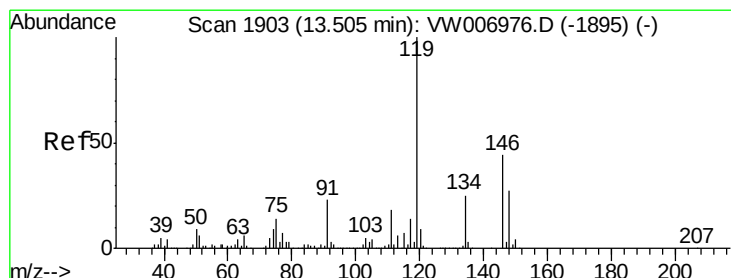
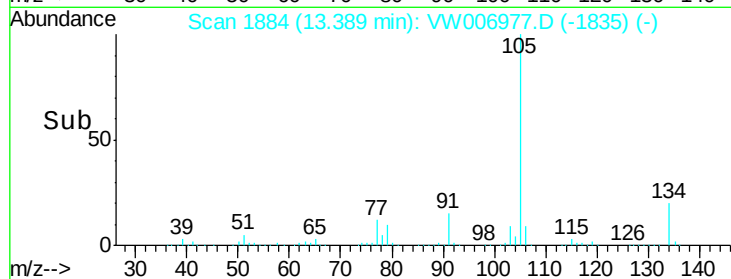
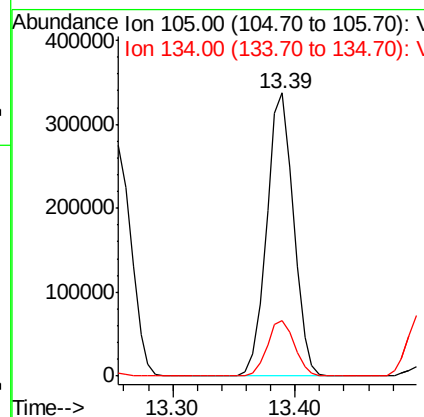
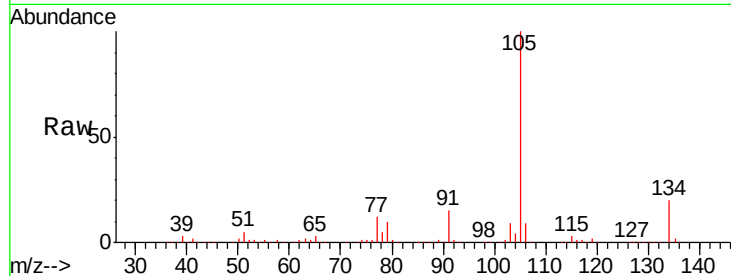
#85
 sec-Butylbenzene
 Concen: 72.86 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW006977.D
 Acq: 20 Nov 2018 15:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion	Ratio	Lower	Upper
105	100		
134	19.9	9.8	29.3

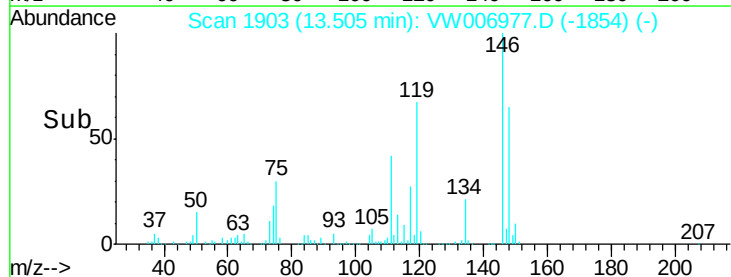
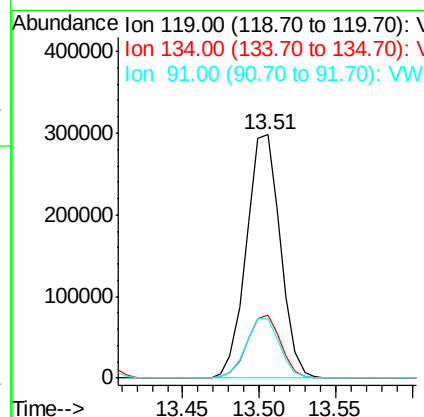
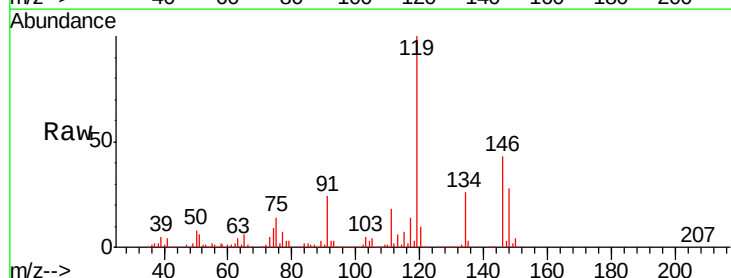
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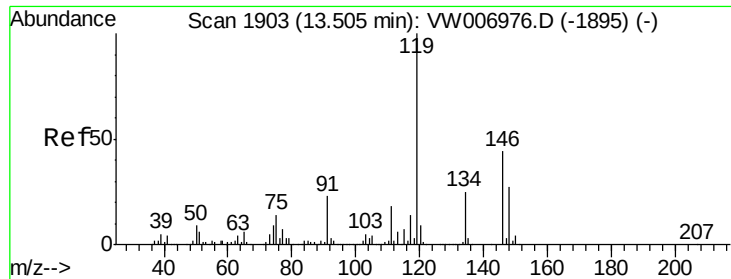
MMDadoda
 11/21/2018 11:32:35 AM



#86
 p-Isopropyltoluene
 Concen: 73.44 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006977.D
 Acq: 20 Nov 2018 15:30

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.5	12.8	38.3
91	24.5	12.2	36.6





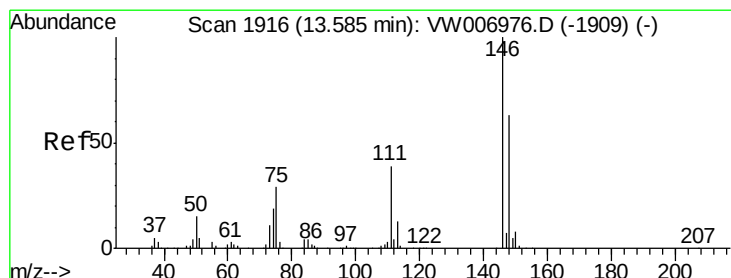
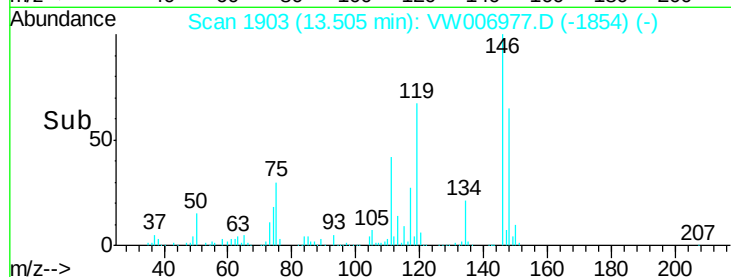
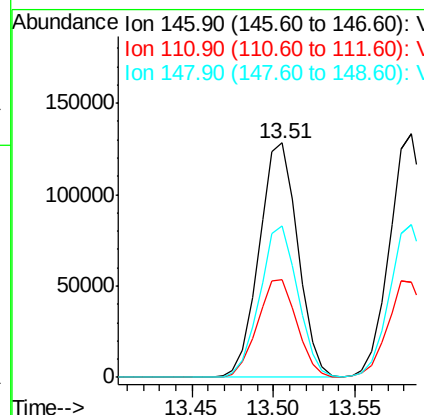
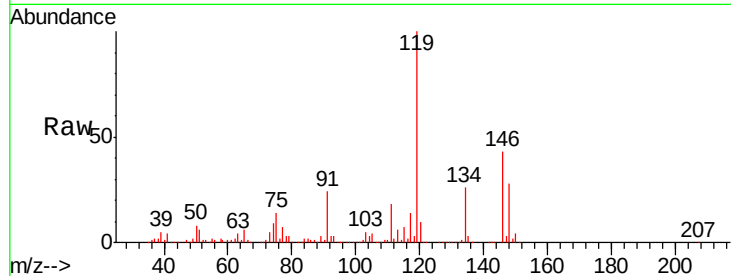
#87
 1,3-Dichlorobenzene
 Concen: 72.01 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006977.D
 Acq: 20 Nov 2018 15:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	210880		
111	42.5	21.1	63.3	
148	63.5	31.6	94.8	

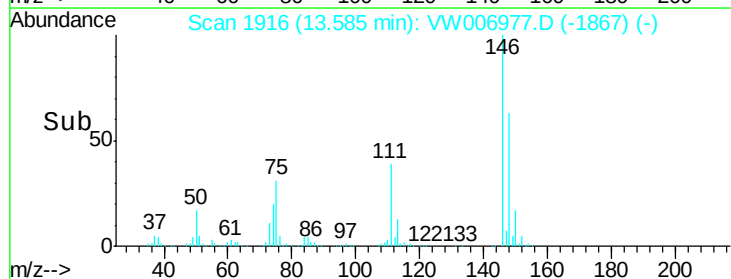
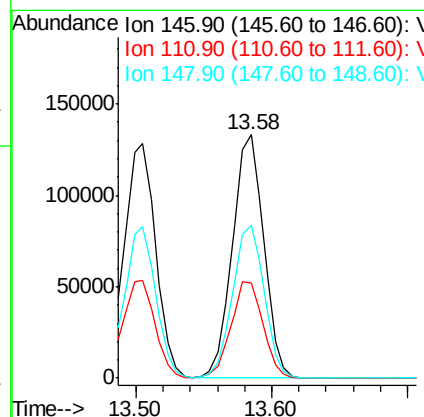
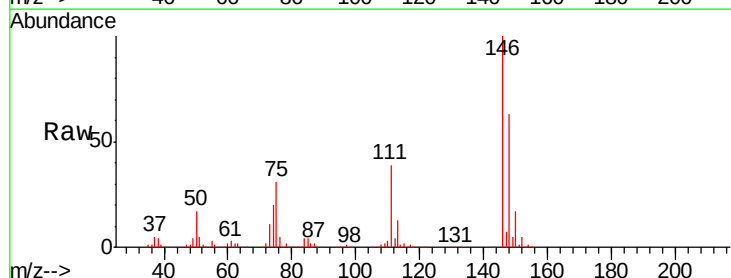
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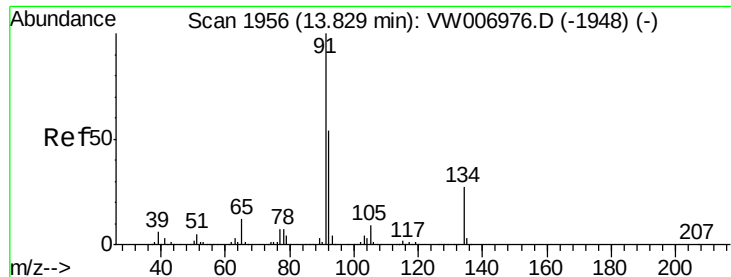
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#88
 1,4-Dichlorobenzene
 Concen: 73.02 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006977.D
 Acq: 20 Nov 2018 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	213206		
111	40.6	20.6	61.8	
148	63.5	32.3	96.8	





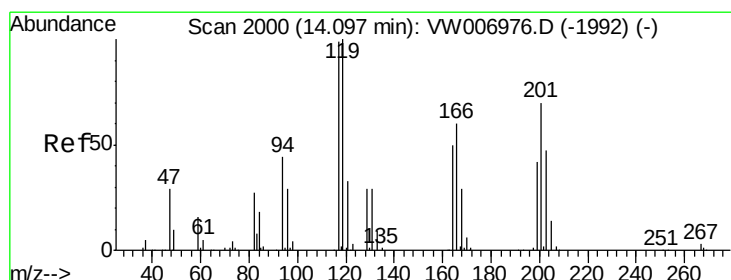
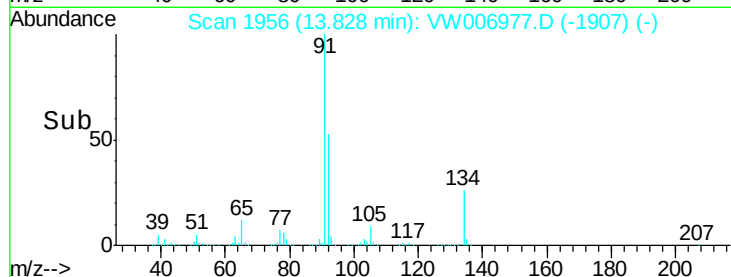
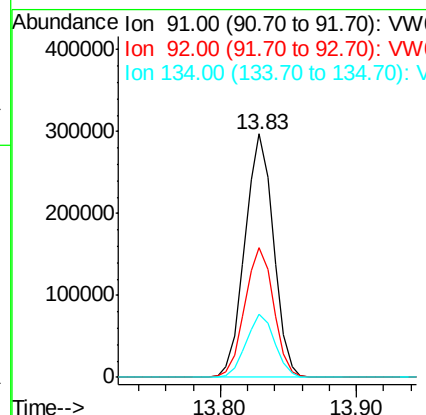
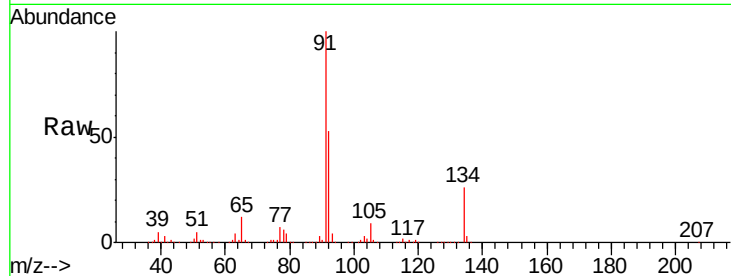
#89
n-Butylbenzene
Concen: 74.61 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.8	80.4
134	26.1	13.3	39.8

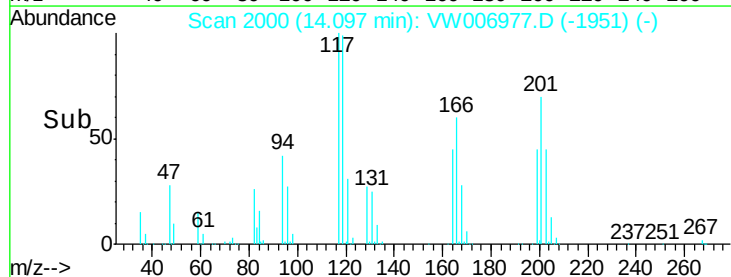
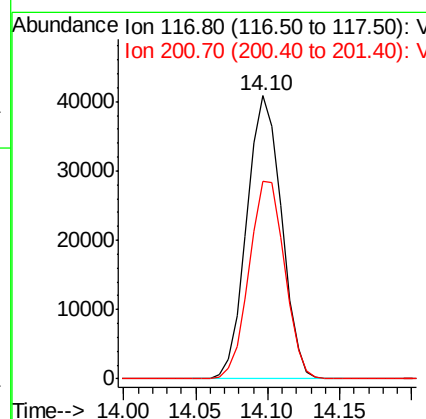
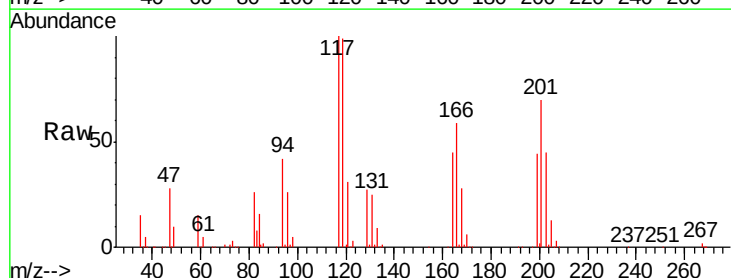
Manual Integrations
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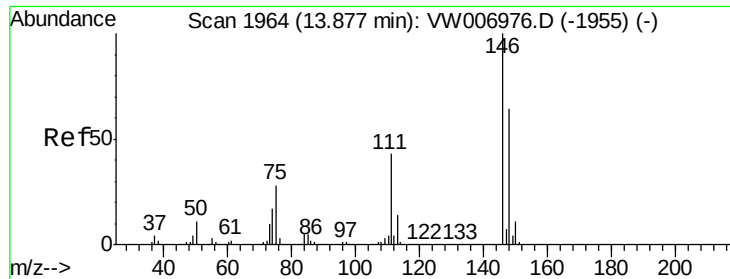
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11/21/2018 11:32:35 AM



#90
Hexachloroethane
Concen: 75.08 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Tgt Ion	Ratio	Lower	Upper
117	100		
201	71.4	35.9	107.5





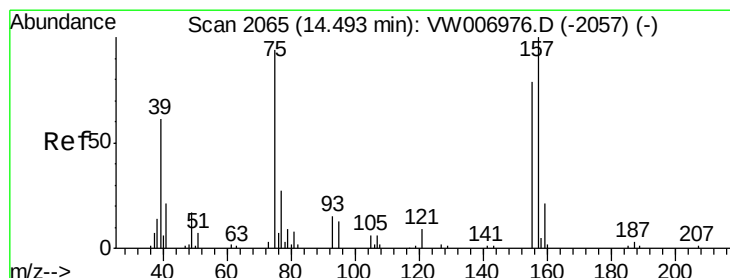
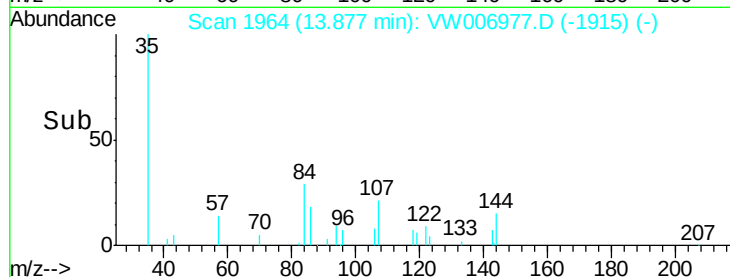
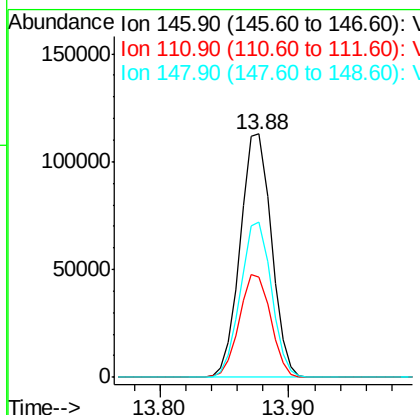
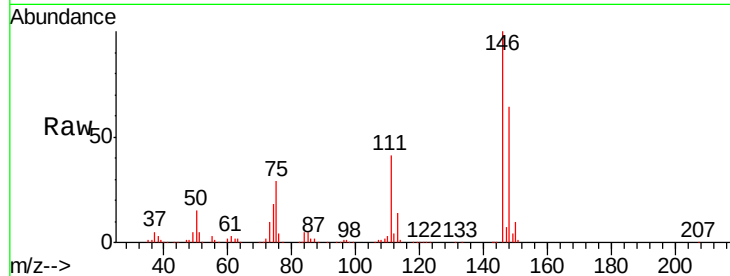
#91
 1,2-Dichlorobenzene
 Concen: 73.77 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006977.D
 Acq: 20 Nov 2018 15:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.9	65.7
148	63.1	32.2	96.6

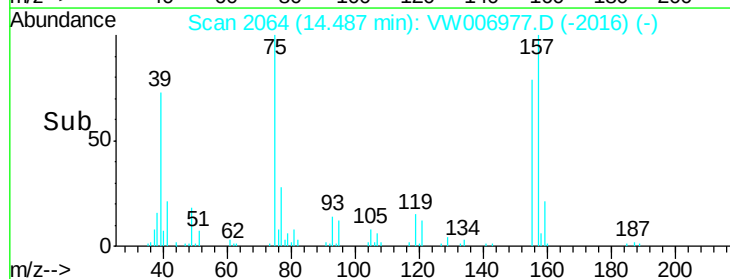
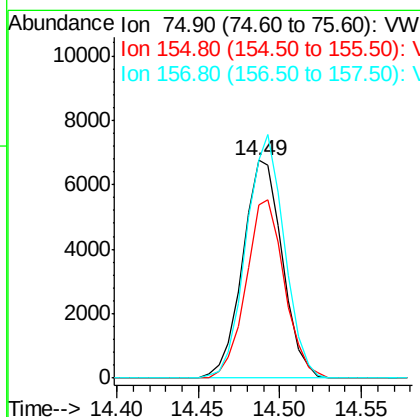
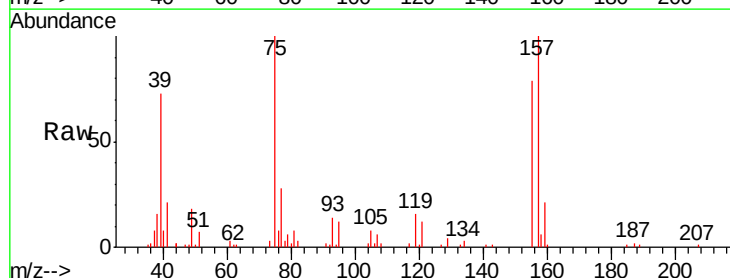
Manual Integrations
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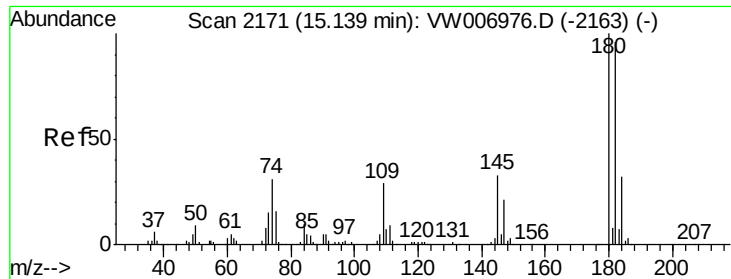
MMDadoda
 11/21/2018 11:32:35 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 76.13 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW006977.D
 Acq: 20 Nov 2018 15:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.3	42.6	127.8
157	107.2	55.0	165.0





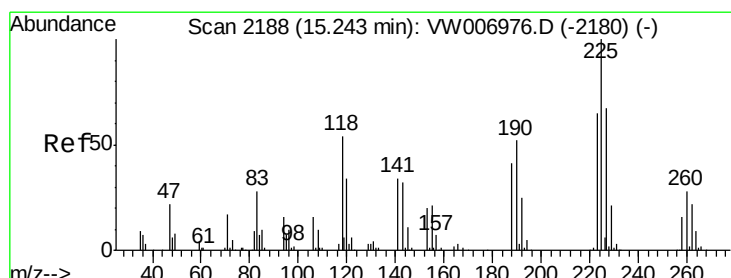
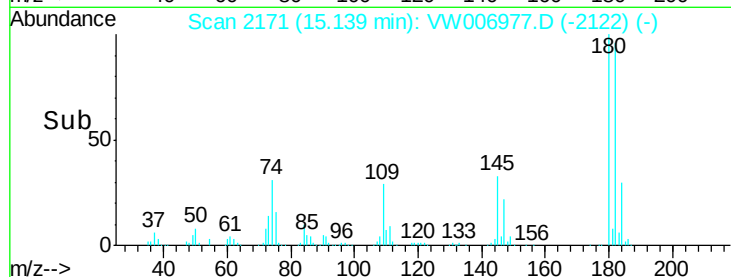
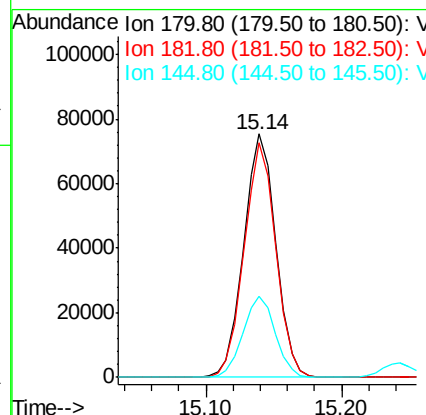
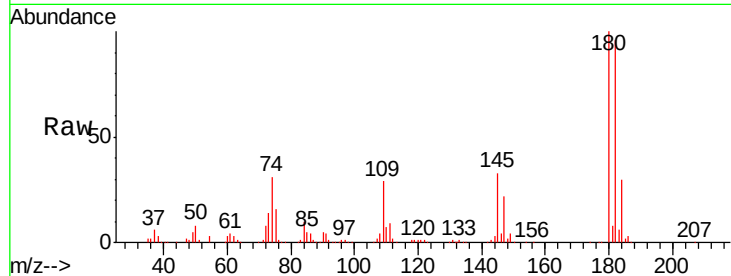
#93
 1,2,4-Trichlorobenzene
 Concen: 73.10 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW006977.D
 Acq: 20 Nov 2018 15:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	123687		
182	95.6	47.1	141.3	
145	33.6	16.5	49.5	

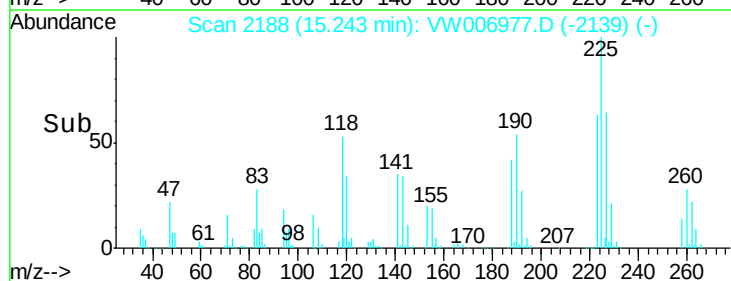
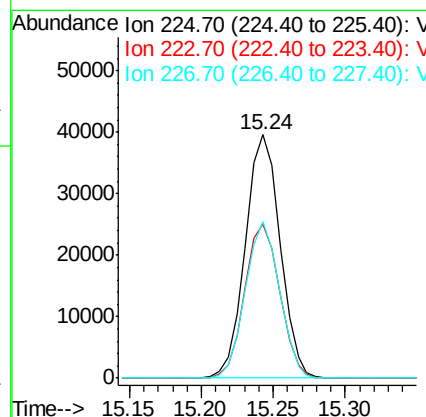
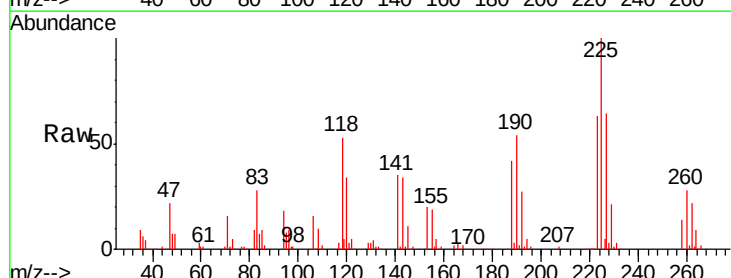
Manual Integrations
 APPROVED

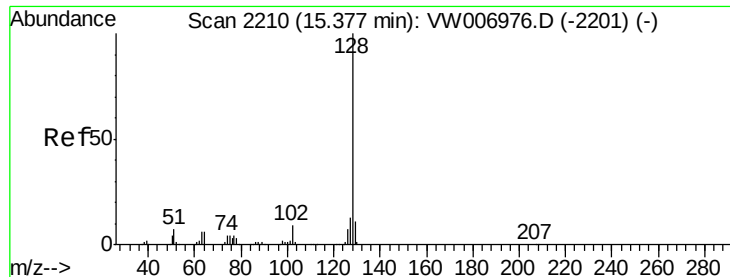
MMDadoda
 11/21/2018 11:32:35 AM



#94
 Hexachlorobutadiene
 Concen: 72.01 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006977.D
 Acq: 20 Nov 2018 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	66240		
223	64.1	32.4	97.0	
227	63.2	31.9	95.5	





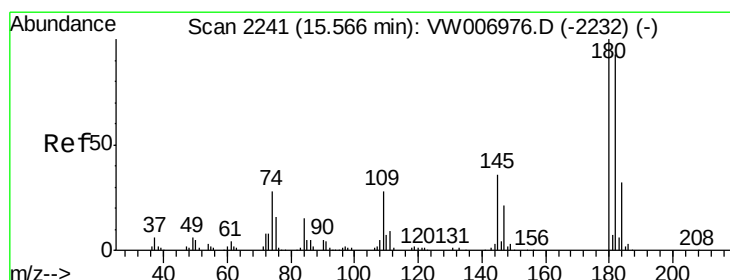
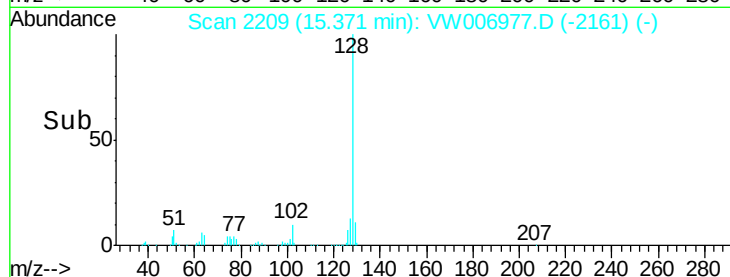
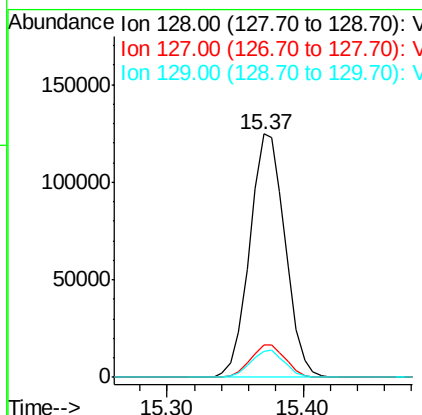
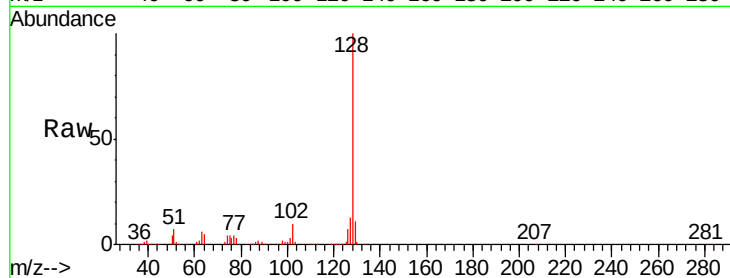
#95
Naphthalene
Concen: 73.97 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	227189		
127	13.1	10.5	15.7	
129	10.6	8.7	13.1	

Manual Integrations
APPROVED

MMDadoda
11/21/2018 11:32:35 AM



#96
1,2,3-Trichlorobenzene
Concen: 73.68 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW006977.D
Acq: 20 Nov 2018 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	103437		
182	94.9	47.0	141.2	
145	35.5	18.0	54.0	

